

# Tajikistan



**Demographic and  
Health Survey**

**2023**





# **Tajikistan Demographic and Health Survey 2023**

**Agency on Statistics under the  
President of the Republic of Tajikistan**

**Ministry of Health and Social Protection of the Population  
of the Republic of Tajikistan**

**Dushanbe, Republic of Tajikistan**

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Mr. Jamshed Nurmahmadzoda

Director, Agency on Statistics under the President of the Republic of Tajikistan  
National Coordinator, 2023 TjDHS



# ACRONYMS AND ABBREVIATIONS

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|           |                                                                     |
|-----------|---------------------------------------------------------------------|
| AIDS      | acquired immunodeficiency syndrome                                  |
| ANC       | antenatal care                                                      |
| ARI       | acute respiratory infection                                         |
| ART       | antiretroviral therapy                                              |
| ARVs      | antiretroviral medicines                                            |
| BCG       | bacille Calmette-Guérin                                             |
| BMI       | body mass index                                                     |
| CAPI      | computer-assisted personal interviewing                             |
| CBR       | crude birth rate                                                    |
| COVID     | coronavirus disease                                                 |
| C-section | cesarean section                                                    |
| CSPRO     | Census and Survey Processing System                                 |
| DHS       | Demographic and Health Survey                                       |
| DPT       | diphtheria-pertussis-tetanus                                        |
| DRS       | Districts of Republican Subordination                               |
| EA        | enumeration area                                                    |
| FAO       | Food and Agriculture Organization of the United Nations             |
| FTF       | Feed the Future                                                     |
| g/dl      | grams per deciliter                                                 |
| GAR       | general induced abortion rate                                       |
| GAR       | gross attendance ratio                                              |
| GBAO      | Gorno-Badakhshan Autonomous Oblast                                  |
| GFR       | general fertility rate                                              |
| GPI       | gender parity index                                                 |
| HepB      | hepatitis B                                                         |
| Hib       | <i>Haemophilus influenzae</i> type b                                |
| HIV       | human immunodeficiency virus                                        |
| HPV       | human papillomavirus                                                |
| ICD       | <i>International Classification of Diseases</i>                     |
| IPV       | inactivated polio vaccine                                           |
| IT        | information technology                                              |
| IUD       | intrauterine device                                                 |
| IYCF      | infant and young child feeding                                      |
| JMP       | Joint Monitoring Programme for Water Supply, Sanitation and Hygiene |
| LAM       | lactational amenorrhea method                                       |
| LPG       | liquid petroleum gas                                                |
| MMR       | measles, mumps, and rubella                                         |
| MoHSPP    | Ministry of Health and Social Protection of the Population          |
| MR        | measles and rubella                                                 |
| MTCT      | mother-to-child transmission                                        |
| MUAC      | mid-upper-arm circumference                                         |

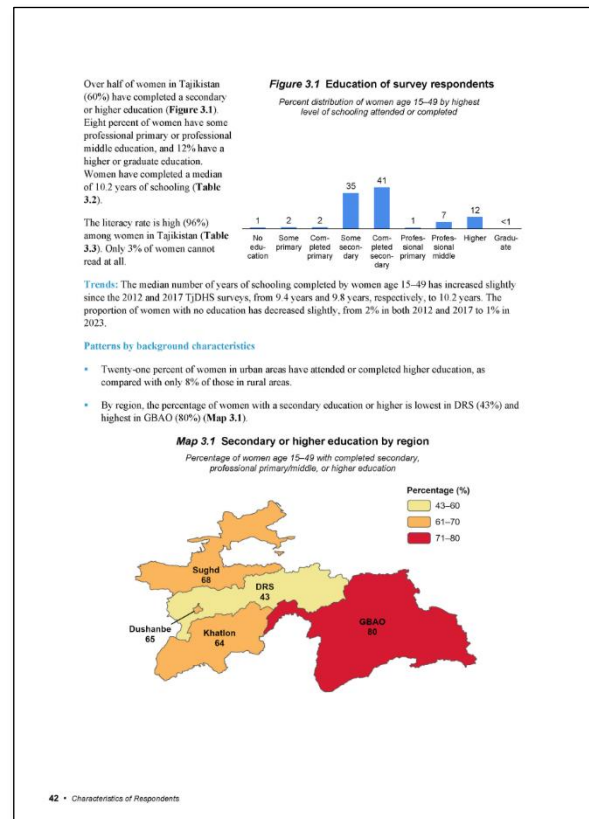
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|---------|------------------------------------------------------------------------|
| NAR     | net attendance ratio                                                   |
| NN      | neonatal mortality                                                     |
| OPV     | oral polio vaccine                                                     |
| ORS     | oral rehydration salts                                                 |
| ORT     | oral rehydration therapy                                               |
| PCV     | pneumococcal conjugate vaccine                                         |
| PNC     | postnatal care                                                         |
| PNN     | postneonatal mortality                                                 |
| PrEP    | preexposure prophylaxis                                                |
| PSU     | primary sampling unit                                                  |
| RHF     | recommended homemade fluids                                            |
| RV      | rotavirus vaccine                                                      |
| SD      | standard deviation                                                     |
| SDG     | Sustainable Development Goal                                           |
| STI     | sexually transmitted infection                                         |
| Tajstat | Agency on Statistics under the President of the Republic of Tajikistan |
| TAR     | total abortion rate                                                    |
| TFR     | total fertility rate                                                   |
| TjDHS   | Tajikistan Demographic and Health Survey                               |
| TPHC    | Tajikistan Population and Housing Census                               |
| UNFPA   | United Nations Population Fund                                         |
| UNICEF  | United Nations Children's Fund                                         |
| USAID   | United States Agency for International Development                     |
| VIA     | visual inspection with acetic acid                                     |
| VIP     | ventilated improved pit (latrine)                                      |
| WHO     | World Health Organization                                              |

# READING AND UNDERSTANDING TABLES FROM THE 2023 TAJIKISTAN DEMOGRAPHIC AND HEALTH SURVEY (TjDHS)

The 2023 Tajikistan DHS final report is based on approximately 200 tables of data. For quick reference, they are located at the end of each chapter and can be accessed through links in the pertinent text (electronic version). Additionally, this more reader-friendly version features about 90 figures that clearly highlight trends, subnational patterns, and background characteristics. Large, colorful maps display breakdowns for five administrative regions in Tajikistan. The text has been simplified to highlight key points in bullets and to clearly identify indicator definitions in boxes.

While the text and figures featured in each chapter highlight some of the most important findings from the tables, not every finding can be discussed or displayed graphically. For this reason, TjDHS data users should be comfortable reading and interpreting tables.

The following pages provide an introduction to the organization of TjDHS tables and the presentation of background characteristics, along with a brief summary of sampling and understanding denominators. In addition, this section provides some exercises for users as they practice their new skills in interpreting TjDHS tables.



## Example 1: Exposure to mass media

A Question Asked of All Survey Respondents

| Table 3.4 Exposure to mass media 1                                                                                                              |                                        |                                         |                                           |                                               |                                                       |                   |
|-------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------|-----------------------------------------|-------------------------------------------|-----------------------------------------------|-------------------------------------------------------|-------------------|
| Percentage of women age 15–49 who are exposed to specific media on a weekly basis, according to background characteristics, Tajikistan DHS 2023 |                                        |                                         |                                           |                                               |                                                       |                   |
| Background characteristic 3                                                                                                                     | Reads a newspaper at least once a week | Watches television at least once a week | Listens to the radio at least once a week | Accesses all three media at least once a week | Accesses none of the three media at least once a week | Number of women 2 |
| <b>Age</b>                                                                                                                                      |                                        |                                         |                                           |                                               |                                                       |                   |
| 15–19                                                                                                                                           | 33.9                                   | 72.3                                    | 11.1                                      | 7.9                                           | 24.2                                                  | 1,710             |
| 20–24                                                                                                                                           | 18.4                                   | 66.6                                    | 9.7                                       | 6.1                                           | 30.5                                                  | 1,616             |
| 25–29                                                                                                                                           | 14.3                                   | 65.4                                    | 8.1                                       | 5.0                                           | 32.5                                                  | 1,559             |
| 30–34                                                                                                                                           | 13.5                                   | 63.7                                    | 8.1                                       | 4.9                                           | 33.7                                                  | 1,545             |
| 35–39                                                                                                                                           | 14.3                                   | 62.8                                    | 7.3                                       | 4.0                                           | 34.6                                                  | 1,435             |
| 40–44                                                                                                                                           | 18.0                                   | 64.3                                    | 8.7                                       | 4.6                                           | 32.7                                                  | 1,096             |
| 45–49                                                                                                                                           | 18.2                                   | 68.3                                    | 9.6                                       | 4.7                                           | 29.5                                                  | 917               |
| <b>Residence</b>                                                                                                                                |                                        |                                         |                                           |                                               |                                                       |                   |
| Urban                                                                                                                                           | 26.1                                   | 71.3                                    | 12.0                                      | 8.2                                           | 24.4                                                  | 2,705             |
| Rural                                                                                                                                           | 16.3                                   | 64.4                                    | 7.9                                       | 4.4                                           | 33.4                                                  | 7,174             |
| <b>Region</b>                                                                                                                                   |                                        |                                         |                                           |                                               |                                                       |                   |
| Dushanbe                                                                                                                                        | 35.3                                   | 74.2                                    | 13.6                                      | 9.6                                           | 18.8                                                  | 1,077             |
| GBAO                                                                                                                                            | 36.5                                   | 88.3                                    | 6.7                                       | 4.9                                           | 8.8                                                   | 157               |
| Sughd                                                                                                                                           | 23.8                                   | 71.6                                    | 12.7                                      | 8.5                                           | 26.1                                                  | 2,780             |
| DRS                                                                                                                                             | 19.2                                   | 63.7                                    | 9.1                                       | 3.5                                           | 32.8                                                  | 2,356             |
| Khatlon                                                                                                                                         | 9.3                                    | 60.3                                    | 4.6                                       | 3.0                                           | 38.3                                                  | 3,509             |
| <b>FTF districts</b>                                                                                                                            | 9.5                                    | 56.1                                    | 4.2                                       | 3.3                                           | 42.9                                                  | 1,937             |
| <b>Education</b>                                                                                                                                |                                        |                                         |                                           |                                               |                                                       |                   |
| None/primary                                                                                                                                    | 7.8                                    | 45.3                                    | 5.4                                       | 3.8                                           | 53.8                                                  | 443               |
| General basic                                                                                                                                   | 16.4                                   | 64.0                                    | 7.2                                       | 3.2                                           | 33.7                                                  | 3,271             |
| General secondary                                                                                                                               | 14.1                                   | 65.7                                    | 7.0                                       | 4.2                                           | 32.2                                                  | 4,230             |
| Professional primary/middle                                                                                                                     | 25.9                                   | 72.2                                    | 12.9                                      | 9.3                                           | 24.4                                                  | 778               |
| Higher                                                                                                                                          | 44.1                                   | 79.1                                    | 20.2                                      | 14.4                                          | 14.7                                                  | 1,157             |
| <b>Wealth quintile</b>                                                                                                                          |                                        |                                         |                                           |                                               |                                                       |                   |
| Lowest                                                                                                                                          | 10.0                                   | 54.5                                    | 3.2                                       | 1.6                                           | 43.4                                                  | 1,842             |
| Second                                                                                                                                          | 13.7                                   | 63.5                                    | 4.7                                       | 3.0                                           | 34.3                                                  | 1,967             |
| Middle                                                                                                                                          | 17.7                                   | 65.2                                    | 9.2                                       | 5.5                                           | 32.5                                                  | 1,966             |
| Fourth                                                                                                                                          | 21.9                                   | 70.6                                    | 13.1                                      | 7.3                                           | 27.0                                                  | 1,964             |
| Highest                                                                                                                                         | 30.2                                   | 75.9                                    | 13.9                                      | 9.3                                           | 19.5                                                  | 2,140             |
| <b>Total</b>                                                                                                                                    | 19.0                                   | 66.3                                    | 9.0                                       | 5.4                                           | 31.0                                                  | 9,879             |

**Step 1:** Read the title and subtitle, highlighted in orange in the table above. They tell you the topic and the specific population group being described. In this case, the table is about women age 15–49 and their exposure to different types of media. All eligible female respondents age 15–49 were asked these questions.

**Step 2:** Scan the column headings—highlighted in green in Example 1. They describe how the information is categorized. In this table, the first three columns of data show different types of media that women access at least once a week. The fourth column shows women who access all three types of media, while the fifth column shows women who do not access any of the three types of media on a weekly basis. The last column lists the number of women age 15–49 interviewed in the survey.

**Step 3:** Scan the row headings—the first vertical column highlighted in blue in Example 1. These show the different ways the data are divided into categories based on population characteristics. In this case, the table presents women’s exposure to media by age, urban-rural residence, region, level of education, and wealth quintile. Most of the tables in the TjDHS report will be divided into these same categories.

**Step 4:** Look at the row at the bottom of the table highlighted in pink. These percentages represent the totals of all women age 15–49 and their weekly access to different types of media. In this case, 19.0% of women age 15–49 read a newspaper at least once a week, 66.3% watch television at least weekly, and 9.0% listen to the radio on a weekly basis.\*

**Step 5:** Draw two imaginary lines, as shown on the table, to find out what percentage of women with a higher education listen to the radio at least once a week. This shows that 20.2% of women age 15–49 with a higher education listen to the radio at least once a week.

By looking at patterns by background characteristics, we can see how exposure to mass media varies across Tajikistan. Mass media are often used to communicate health messages. Knowing how mass media exposure varies among different groups can help program planners and policymakers determine how to most effectively reach their target populations.

\*For the purpose of this document data are presented exactly as they appear in the table, including decimal places. However, the text in the remainder of this report rounds data to the nearest whole percentage point.

**Practice:** Use the table in Example 1 to answer the following questions:

- What percentage of women in Tajikistan do not access any of the three media at least once a week?
- Which age group of women is most likely to watch television at least once a week?
- Compare women in urban areas with women in rural areas—which group is more likely to listen to the radio on a weekly basis?
- Compare women within the regions—which region has the highest percentage of women who access all three media at least once a week?
- What are the lowest and the highest percentages (range) of women who read a newspaper at least once a week by region?
- Is there a clear pattern in watching television at least once a week by wealth quintile?

**Answers:**

- 31.0%.
- Women age 15–19: 72.3% of women in this age group watch television at least once a week.
- Women in urban areas: 12.0% of women in urban areas listen to the radio at least once a week, as compared with 7.9% of women in rural areas.
- Dushanbe: 9.6% of women in Dushanbe access all three media at least once a week.
- By region, the percentage of women who read a newspaper at least once a week ranges from a low of 9.3% in Khatlon to a high of 36.5% in GBAO.
- Yes. Weekly exposure to television increases as household wealth increases: 54.5% of women in the lowest wealth quintile watch television at least once a week, compared with 65.2% of women in the middle quintile and 75.9% of women in the highest quintile.



## Example 2: Children with diarrhea and care seeking for diarrhea

A Question Asked of a Subgroup of Survey Respondents

| <b>Table 10.10 Children with diarrhea and care seeking for diarrhea</b> <span style="color: red; font-weight: bold; font-size: 1.2em;">1</span>                                                                                                                                 |                                                                                                                                                              |                    |                                                                 |                                                                                    |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------|-----------------------------------------------------------------|------------------------------------------------------------------------------------|
| Percentage of children under age 5 who had diarrhea in the 2 weeks preceding the survey, and among children with diarrhea in the 2 weeks preceding the survey, percentage for whom advice or treatment was sought, according to background characteristics, Tajikistan DHS 2023 |                                                                                                                                                              |                    |                                                                 |                                                                                    |
| Background characteristic                                                                                                                                                                                                                                                       | <span style="color: green; font-weight: bold; font-size: 1.5em;">2</span>                                                                                    | Number of children | Among children under age 5 with diarrhea:                       |                                                                                    |
|                                                                                                                                                                                                                                                                                 |                                                                                                                                                              |                    | Percentage for whom advice or treatment was sought <sup>1</sup> | Number of children with diarrhea                                                   |
| <b>Age in months</b>                                                                                                                                                                                                                                                            |                                                                                                                                                              |                    |                                                                 |                                                                                    |
| <6                                                                                                                                                                                                                                                                              | 14.3                                                                                                                                                         | 623                | 57.5                                                            | 89                                                                                 |
| 6–11                                                                                                                                                                                                                                                                            | 23.7                                                                                                                                                         | 547                | 69.4                                                            | 129                                                                                |
| 12–23                                                                                                                                                                                                                                                                           | 23.0                                                                                                                                                         | 1,006              | 69.5                                                            | 232                                                                                |
| 24–35                                                                                                                                                                                                                                                                           | 16.6                                                                                                                                                         | 958                | 60.6                                                            | 159                                                                                |
| 36–47                                                                                                                                                                                                                                                                           | 12.8                                                                                                                                                         | 998                | 65.4                                                            | 128                                                                                |
| 48–59                                                                                                                                                                                                                                                                           | 10.3                                                                                                                                                         | 1,000              | 53.2                                                            | 103                                                                                |
| <b>Sex</b>                                                                                                                                                                                                                                                                      |                                                                                                                                                              |                    |                                                                 |                                                                                    |
| Male                                                                                                                                                                                                                                                                            | 16.8                                                                                                                                                         | 2,686              | 66.8                                                            | 452                                                                                |
| Female                                                                                                                                                                                                                                                                          | 15.9                                                                                                                                                         | 2,445              | 60.5                                                            | 388                                                                                |
| <b>Source of drinking water<sup>2</sup></b>                                                                                                                                                                                                                                     |                                                                                                                                                              |                    |                                                                 |                                                                                    |
| Improved                                                                                                                                                                                                                                                                        | 16.4                                                                                                                                                         | 4,764              | 64.5                                                            | 782                                                                                |
| Unimproved                                                                                                                                                                                                                                                                      | 30.7                                                                                                                                                         | 71                 | *                                                               | 22                                                                                 |
| Surface                                                                                                                                                                                                                                                                         | 12.2                                                                                                                                                         | 296                | (46.9)                                                          | 36                                                                                 |
| <b>Type of toilet facility<sup>3</sup></b>                                                                                                                                                                                                                                      |                                                                                                                                                              |                    |                                                                 |                                                                                    |
| Improved sanitation facility                                                                                                                                                                                                                                                    | 16.4                                                                                                                                                         | 5,047              | 64.0                                                            | 827                                                                                |
| Unimproved facility                                                                                                                                                                                                                                                             | 14.9                                                                                                                                                         | 85                 | *                                                               | 13                                                                                 |
| <b>Residence</b>                                                                                                                                                                                                                                                                |                                                                                                                                                              |                    |                                                                 |                                                                                    |
| Urban                                                                                                                                                                                                                                                                           | 19.5                                                                                                                                                         | 1,286              | 68.7                                                            | 251                                                                                |
| Rural                                                                                                                                                                                                                                                                           | 15.3                                                                                                                                                         | 3,846              | 61.9                                                            | 588                                                                                |
| <b>Region</b>                                                                                                                                                                                                                                                                   |                                                                                                                                                              |                    |                                                                 |                                                                                    |
| Dushanbe                                                                                                                                                                                                                                                                        | 24.3                                                                                                                                                         | 520                | 77.8                                                            | 126                                                                                |
| GBAO                                                                                                                                                                                                                                                                            | 9.5                                                                                                                                                          | 71                 | (31.2)                                                          | 7                                                                                  |
| Sughd                                                                                                                                                                                                                                                                           | 19.5                                                                                                                                                         | 1,381              | 60.7                                                            | 269                                                                                |
| DRS                                                                                                                                                                                                                                                                             | 13.6                                                                                                                                                         | 1,215              | 57.8                                                            | 166                                                                                |
| Khatlon                                                                                                                                                                                                                                                                         | 14.0                                                                                                                                                         | 1,946              | 65.2                                                            | 272                                                                                |
| <b>FTF districts</b>                                                                                                                                                                                                                                                            | 11.5                                                                                                                                                         | 1,206              | 74.0                                                            | 139                                                                                |
| <b>Mother's education</b>                                                                                                                                                                                                                                                       |                                                                                                                                                              |                    |                                                                 |                                                                                    |
| None/primary                                                                                                                                                                                                                                                                    | 12.2                                                                                                                                                         | 280                | (56.9)                                                          | 34                                                                                 |
| General basic                                                                                                                                                                                                                                                                   | 16.7                                                                                                                                                         | 1,532              | 61.9                                                            | 257                                                                                |
| General secondary                                                                                                                                                                                                                                                               | 15.4                                                                                                                                                         | 2,319              | 65.0                                                            | 356                                                                                |
| Professional                                                                                                                                                                                                                                                                    |                                                                                                                                                              |                    |                                                                 |                                                                                    |
| primary/middle                                                                                                                                                                                                                                                                  | 19.7                                                                                                                                                         | 415                | 65.2                                                            | 82                                                                                 |
| Higher                                                                                                                                                                                                                                                                          | 18.9                                                                                                                                                         | 585                | 66.4                                                            | 111                                                                                |
| <b>Wealth quintile</b>                                                                                                                                                                                                                                                          |                                                                                                                                                              |                    |                                                                 |                                                                                    |
| Lowest                                                                                                                                                                                                                                                                          | 13.0                                                                                                                                                         | 1,031              | 55.9                                                            | 134                                                                                |
| Second                                                                                                                                                                                                                                                                          | 15.9                                                                                                                                                         | 1,041              | 59.1                                                            | 166                                                                                |
| Middle                                                                                                                                                                                                                                                                          | 16.6                                                                                                                                                         | 1,024              | 65.4                                                            | 170                                                                                |
| Fourth                                                                                                                                                                                                                                                                          | 15.5                                                                                                                                                         | 1,048              | 64.8                                                            | 163                                                                                |
| Highest                                                                                                                                                                                                                                                                         | 21.0                                                                                                                                                         | 987                | 71.1                                                            | 207                                                                                |
| <b>Total</b>                                                                                                                                                                                                                                                                    | <span style="color: blue; font-weight: bold; font-size: 1.5em;">3</span> <span style="border: 1px solid blue; border-radius: 50%; padding: 2px;">16.4</span> | 5,132              | 63.9                                                            | <span style="border: 1px solid blue; border-radius: 50%; padding: 2px;">839</span> |
| Note: Figures in parentheses are based on 25–49 unweighted cases. An asterisk indicates that a figure is based on fewer than 25 unweighted cases and has been suppressed.                                                                                                       |                                                                                                                                                              |                    |                                                                 |                                                                                    |

**Step 1:** Read the title and subtitle. In this case, the table is about two separate groups of children: all children under age 5 (a) and children under age 5 with diarrhea in the 2 weeks preceding the survey (b).

**Step 2:** Identify the two panels. First, identify the columns that refer to all children under age 5 (a), and then isolate the columns that refer only to children under age 5 with diarrhea in the 2 weeks preceding the survey (b).

**Step 3:** Look at the first panel. What percentage of children under age 5 had diarrhea in the 2 weeks preceding the survey? It is 16.4%. Now look at the second panel. How many children under age 5 had diarrhea in the 2 weeks before the survey? It's 839, or 16.4% of the 5,132 children (with rounding). The second panel is a subset of the first panel.

**Step 4:** Only 16.4% of children under age 5 had diarrhea in the 2 weeks before the survey. Once these children are further divided into the background characteristic categories, there may be too few cases for the percentages to be reliable.

- What percentage of children with diarrhea in Gorno-Badakhshan Autonomous Oblast (GBAO) were taken for advice or treatment? It's 31.2%. This percentage is in parentheses because there are between 25 and 49 children (unweighted) in this category. Readers should use this number with caution—it may not be reliable. (For more information on weighted and unweighted numbers, see Example 3.)
- What percentage of children with diarrhea living in households with an unimproved source of drinking water were taken for advice or treatment? There is no number in this cell—only an asterisk. This is because fewer than 25 children (unweighted) living in households with an unimproved source of drinking water had advice or treatment sought. Results for this group are not reported. The subgroup is too small, and therefore the data are not reliable.

**Note:** When parentheses or asterisks are used in a table, the explanation will be noted under the table. If there are no parentheses or asterisks in a table, you can proceed with confidence that enough cases were included in all categories that the data are reliable.

### Example 3: Understanding Sampling Weights in TjDHS Tables

A sample is a group of people who have been selected for a survey. In the TjDHS, the sample is designed to represent the national population age 15–49. In addition to national data, most countries want to collect and report data on smaller geographical or administrative areas. However, doing so requires a large enough sample size in each area. For the 2023 TjDHS, the survey sample is representative at the national and regional levels and for urban and rural areas.

| Percent distribution of women age 15–49 by selected background characteristics, Tajikistan DHS 2023 |                    |                   |                     |
|-----------------------------------------------------------------------------------------------------|--------------------|-------------------|---------------------|
| Background characteristic                                                                           | 3 Weighted percent | 2 Weighted number | 1 Unweighted number |
| <b>Region</b>                                                                                       |                    |                   |                     |
| Dushanbe                                                                                            | 10.9               | 1,077             | 2,006               |
| GBAO                                                                                                | 1.6                | 157               | 815                 |
| Sughd                                                                                               | 28.1               | 2,780             | 2,117               |
| DRS                                                                                                 | 23.9               | 2,356             | 2,277               |
| Khatlon                                                                                             | 35.5               | 3,509             | 2,664               |
| Total                                                                                               | 100.0              | 9,879             | 9,879               |

To generate statistics that are representative of the country as a whole and the five regions, the number of women surveyed in each region should contribute to the size of the total (national) sample in proportion to size of the region. However, if some regions have small populations, then a sample allocated in proportion to each region’s population may not include sufficient women from each region for analysis. To solve this problem, regions with small populations are oversampled. For example, let’s say that you have enough money to interview 9,879 women and want to produce results that are representative of Tajikistan as a whole and its regions (as in Table 3.1). However, the total population of Tajikistan is not evenly distributed among the regions: some regions, such as Khatlon, are heavily populated while others, such as GBAO, are not. Thus, GBAO must be oversampled.

A sampling statistician determines how many women should be interviewed in each region in order to get reliable statistics. The **blue column (1)** in the table above shows the actual number of women interviewed in each region. Within the regions, the number of women interviewed ranges from 815 in GBAO to 2,664 in Khatlon. The number of interviews is sufficient to get reliable results in each region.

With this distribution of interviews, some regions are overrepresented and some regions are underrepresented. For example, the population in Khatlon is 35.5% of the population in Tajikistan, while GBAO’s population contributes only 1.6% of the country’s population. But as the blue column shows, the number of women interviewed in Khatlon accounts for only about 27% of the total sample of women interviewed ( $2,664/9,879$ ) and the number of women interviewed in GBAO accounts for 8% of women interviewed ( $815/9,879$ ). This unweighted distribution of women does not accurately represent the population.

In order to get statistics that are representative of Tajikistan, the distribution of the women in the sample needs to be weighted (or mathematically adjusted) such that it resembles the true distribution in the country. Women from a small region, like GBAO, should contribute only a small amount to the national total. Women from a large region, like Khatlon, should contribute much more. Therefore, DHS statisticians mathematically calculate a “weight” that is used to adjust the number of women from each region so that each region’s contribution to the total is proportional to the actual population of the region. The numbers in the **purple column (2)** represent the “weighted” values. The weighted values can be smaller or larger than the unweighted values at the regional level. The total national sample size of 9,879 women has not changed after weighting, but the distribution of the women in the regions has been changed to represent their contribution to the total population size.

How do statisticians weight each category? They take into account the probability that a woman was selected in the sample. If you were to compare the **green column (3)** to the actual population distribution of Tajikistan, you would see that women in each region are contributing to the total sample with the same weight that they contribute to the population of the country. The weighted number of women in the survey

now accurately represents the proportion of women who live in Khatlon and the proportion of women who live in GBAO.

With sampling and weighting, it is possible to interview enough women to provide reliable statistics at national and regional levels. In general, only the weighted numbers are shown in each of the TjDHS tables, so don't be surprised if these numbers seem low: they may actually represent a larger number of women interviewed.



# SUSTAINABLE DEVELOPMENT GOAL INDICATORS

## Sustainable Development Goal Indicators—Tajikistan DHS 2023

| Indicator                                                                                                                                                                                                             | Residence |        | Total | DHS table number |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|--------|-------|------------------|
|                                                                                                                                                                                                                       | Urban     | Rural  |       |                  |
| <b>1. No poverty</b>                                                                                                                                                                                                  |           |        |       |                  |
| 1.4.1 Proportion of population living in households with access to basic services                                                                                                                                     |           |        |       |                  |
| a) Access to basic drinking water services                                                                                                                                                                            | 98.7      | 90.9   | 92.9  | 15.2             |
| b) Access to basic sanitation services                                                                                                                                                                                | 96.1      | 97.6   | 97.2  | 15.7             |
| c) Access to basic hygiene services                                                                                                                                                                                   | 90.6      | 74.9   | 79.0  | 15.11            |
| d) Access to electricity <sup>1</sup>                                                                                                                                                                                 | 99.4      | 98.1   | 98.5  | 2.3              |
| e) Access to clean fuels and technologies <sup>2</sup>                                                                                                                                                                | 62.6      | 4.4    | 19.5  | 2.4              |
|                                                                                                                                                                                                                       | Sex       |        |       |                  |
|                                                                                                                                                                                                                       | Male      | Female | Total |                  |
| <b>2. Zero hunger</b>                                                                                                                                                                                                 |           |        |       |                  |
| 2.2.1 Prevalence of stunting among children under 5 years of age                                                                                                                                                      | 15.1      | 12.0   | 13.7  | 11.1             |
| 2.2.2 Prevalence of malnutrition among children under 5 years of age                                                                                                                                                  | 10.9      | 11.0   | 10.9  | 11.1             |
| a) Prevalence of wasting among children under 5 years of age                                                                                                                                                          | 6.9       | 5.8    | 6.4   | 11.1             |
| b) Prevalence of overweight among children under 5 years of age                                                                                                                                                       | 3.9       | 5.2    | 4.6   | 11.1             |
| 2.2.3 Prevalence of anemia in women age 15 to 49 years, by pregnancy status                                                                                                                                           |           |        |       |                  |
| a) Prevalence of anemia in non-pregnant women age 15 to 49 years                                                                                                                                                      | na        | 36.1   | na    | 11.17            |
| b) Prevalence of anemia in pregnant women age 15 to 49 years                                                                                                                                                          | na        | 29.8   | na    | 11.17            |
| <b>3. Good health and well-being</b>                                                                                                                                                                                  |           |        |       |                  |
| 3.1.2 Proportion of births attended by skilled health personnel                                                                                                                                                       | na        | na     | 97.6  | 9.10             |
| 3.2.1 Under-5 mortality rate <sup>3</sup>                                                                                                                                                                             | 23.0      | 25.0   | 24.0  | 8.2              |
| 3.2.2 Neonatal mortality rate <sup>3</sup>                                                                                                                                                                            | 8.0       | 11.0   | 10.0  | 8.2              |
| 3.7.1 Proportion of women of reproductive age (aged 15-49 years) who have their need for family planning satisfied with modern methods                                                                                | na        | 54.0   | na    | 7.13.2           |
| 3.7.2 Adolescent birth rates per 1,000 women                                                                                                                                                                          |           |        |       |                  |
| a) Girls aged 10–14 years <sup>4</sup>                                                                                                                                                                                | na        | 0.0    | na    | 5.1              |
| b) Women aged 15–19 years <sup>5</sup>                                                                                                                                                                                | na        | 47.0   | na    | 5.1              |
| 3.a.1 Age-standardized prevalence of current tobacco use among persons aged 15 years and older <sup>6</sup>                                                                                                           | na        | 2.2    | na    | 3.11             |
| 3.b.1 Proportion of the target population covered by all vaccines included in their national program                                                                                                                  |           |        |       |                  |
| a) Coverage of DPT containing vaccine (3rd dose) <sup>7</sup>                                                                                                                                                         | 80.1      | 81.9   | 81.0  | 10.4             |
| b) Coverage of measles containing vaccine (2nd dose) <sup>8</sup>                                                                                                                                                     | 84.1      | 75.1   | 80.0  | 10.4             |
| c) Coverage of pneumococcal conjugate vaccine (last dose in schedule) <sup>9</sup>                                                                                                                                    | 27.0      | 26.0   | 26.6  | 10.4             |
| <b>4. Quality education</b>                                                                                                                                                                                           |           |        |       |                  |
| 4.2.2 Participation rate in organized learning (one year before the official primary entry age)                                                                                                                       | 23.8      | 21.1   | 22.5  | 2.14             |
| <b>5. Gender equality</b>                                                                                                                                                                                             |           |        |       |                  |
| 5.2.1 Proportion of ever-partnered women and girls aged 15 years and older subjected to physical, sexual or psychological violence by a current or former intimate partner in the previous 12 months <sup>10,11</sup> | na        | 13.9   | na    | 13.9             |
| a) Physical violence                                                                                                                                                                                                  | na        | 10.9   | na    | 13.9             |
| b) Sexual violence                                                                                                                                                                                                    | na        | 1.3    | na    | 13.9             |
| c) Psychological violence                                                                                                                                                                                             | na        | 6.0    | na    | 13.9             |
| 5.2.2 Proportion of women and girls aged 15 years and older subjected to sexual violence by persons other than an intimate partner in the previous 12 months <sup>12</sup>                                            | na        | 0.0    | na    | 13.6             |
| 5.3.1 Proportion of women aged 20–24 years who were married or in a union before age 15 and before age 18                                                                                                             |           |        |       |                  |
| a) Before age 15                                                                                                                                                                                                      | na        | 0.4    | na    | 4.4              |
| b) Before age 18                                                                                                                                                                                                      | na        | 8.8    | na    | 4.4              |
| 5.6.1 Proportion of women aged 15-49 years who make their own informed decisions regarding sexual relations, contraceptive use and reproductive health care <sup>13</sup>                                             | na        | 32.5   | na    | 14.11            |
| 5.b.1 Proportion of individuals who own a mobile telephone <sup>14</sup>                                                                                                                                              | na        | 64.9   | na    | 14.5             |
|                                                                                                                                                                                                                       | Residence |        |       |                  |
|                                                                                                                                                                                                                       | Urban     | Rural  | Total |                  |
| <b>6. Clean water and sanitation</b>                                                                                                                                                                                  |           |        |       |                  |
| 6.1.1 Proportion of population using safely managed drinking water services                                                                                                                                           |           |        |       |                  |
| a) Proportion with basic drinking water services                                                                                                                                                                      | 98.7      | 90.9   | 92.9  | 15.2             |
| b) Proportion with water available when needed                                                                                                                                                                        | 51.5      | 51.6   | 51.6  | 15.4             |
| 6.2.1 Proportion of population using (a) safely managed sanitation services and (b) hand-washing facility with soap and water                                                                                         |           |        |       |                  |
| a) Proportion using basic sanitation service                                                                                                                                                                          | 96.1      | 97.6   | 97.2  | 15.7             |
| b) Proportion in which excreta are safely disposed of in situ or treated off site                                                                                                                                     | 99.1      | 96.9   | 97.5  | 15.9             |
| c) Proportion using a hand-washing facility with soap and water                                                                                                                                                       | 90.6      | 74.9   | 79.0  | 15.11            |
| d) Proportion using open defecation                                                                                                                                                                                   | 0.0       | 0.0    | 0.0   | 15.6             |
| <b>7. Affordable clean energy</b>                                                                                                                                                                                     |           |        |       |                  |
| 7.1.1 Proportion of population with access to electricity <sup>1</sup>                                                                                                                                                | 99.4      | 98.1   | 98.5  | 2.3              |
| 7.1.2 Proportion of population with primary reliance on clean fuels and technology <sup>2</sup>                                                                                                                       | 62.6      | 4.4    | 19.5  | 2.4              |

|                                                    |                                                                                                                                                              | Sex  |        | Total |      |
|----------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------|------|--------|-------|------|
|                                                    |                                                                                                                                                              | Male | Female |       |      |
| <b>8. Decent work and economic growth</b>          |                                                                                                                                                              |      |        |       |      |
| 8.10.2                                             | Proportion of adults (15 years and older) with an account at a bank or other financial institution or with a mobile-money-service provider <sup>14</sup>     | na   | 15.1   | na    | 14.5 |
| <b>16. Peace, justice, and strong institutions</b> |                                                                                                                                                              |      |        |       |      |
| 16.2.1                                             | Percentage of children aged 1–17 years who experienced any physical punishment and/or psychological aggression by caregivers in the past month <sup>15</sup> | 58.4 | 54.0   | 56.3  | 2.15 |
| 16.2.3                                             | Proportion of young women and men aged 18–29 years who experienced sexual violence by age 18 <sup>16</sup>                                                   | na   | 0.1    | na    | DV7  |
| 16.9.1                                             | Proportion of children under 5 years of age whose births have been registered with a civil authority                                                         | 96.4 | 97.2   | 96.8  | 2.10 |
| <b>17. Partnerships for the goals</b>              |                                                                                                                                                              |      |        |       |      |
| 17.8.1                                             | Proportion of individuals using the internet <sup>17</sup>                                                                                                   | na   | 44.4   | na    | 3.5  |

na = not applicable

<sup>1</sup> Persons living in households that report the primary source of lighting is electricity

<sup>2</sup> Persons living in households that report no cooking, no space heating, or no lighting are not excluded from the numerator.

<sup>3</sup> Expressed in terms of deaths per 1,000 live births for the 5-year period preceding the survey

<sup>4</sup> Equivalent to the age-specific fertility rate for girls age 10–14 for the 3-year period preceding the survey, expressed in terms of births per 1,000 girls age 10–14

<sup>5</sup> Equivalent to the age-specific fertility rate for women age 15–19 for the 3-year period preceding the survey, expressed in terms of births per 1,000 women age 15–19

<sup>6</sup> Data are not age-standardized and are available for women age 15–49 only.

<sup>7</sup> The percentage of children age 12–23 months who received three doses of DPT-HepB-Hib vaccine

<sup>8</sup> The percentage of children age 24–35 months who received one dose of MR or MMR-1

<sup>9</sup> The percentage of children age 24–35 months who received three doses of pneumococcal conjugate vaccine

<sup>10</sup> Data are available for women age 15–49 who have ever been in union only.

<sup>11</sup> In the DHS, psychological violence is termed emotional violence.

<sup>12</sup> Data are available for women age 15–49 only.

<sup>13</sup> Data are available for currently married women only.

<sup>14</sup> Data are available for women age 15–49 only.

<sup>15</sup> Data are available for children age 1–14 only.

<sup>16</sup> Data are available for women only.

<sup>17</sup> Data are available for women age 15–49 who have used the internet in the last 12 months.





**TAJIKISTAN**



The 2023 Tajikistan Demographic and Health Survey (TjDHS) is the third Demographic and Health Survey conducted in Tajikistan. The 2023 TjDHS was implemented by the Agency on Statistics under the President of the Republic of Tajikistan (Tajstat) in coordination with the Ministry of Health and Social Protection of Population (MoHSPP). Data collection took place from August 10 to November 28, 2023. ICF provided technical assistance through The Demographic and Health Surveys Program (DHS), which is funded by the United States Agency for International Development (USAID) and offers financial support and technical assistance for population and health surveys in countries worldwide. Other agencies and organizations that facilitated the successful implementation of the survey through technical or financial support were the United Nations Children's Fund (UNICEF) and the United Nations Population Fund (UNFPA).

## 1.1 SURVEY OBJECTIVES

The primary objective of the 2023 TjDHS is to provide up-to-date estimates of basic demographic and health indicators. Specifically, the survey collected information on fertility and contraceptive use, maternal and child health and nutrition, childhood mortality, domestic violence against women, child discipline, awareness and behavior regarding HIV/AIDS and other sexually transmitted infections (STIs), and other health-related issues such as smoking.

The information collected through the 2023 TjDHS is intended to assist policymakers and program managers in designing and evaluating programs and strategies for improving the health of the country's population. The survey also provides indicators relevant to the Sustainable Development Goals (SDGs) for Tajikistan.

## 1.2 SAMPLE DESIGN

The sampling frame used for the 2023 TjDHS is the 2020 Tajikistan Population and Housing Census (TPHC), conducted by Tajstat. Administratively, Tajikistan is divided into five administrative regions: Dushanbe City, Districts of Republican Subordination (DRS), Sughd, Khatlon, and Gorno-Badakhshan Autonomous Oblast (GBAO). Each region is subdivided into urban and rural areas. The country is divided into 68 cities and rayons (districts) distributed over the country's regions. Each city or rayon (district) is further divided into census divisions, which are subdivided into instruction areas. Each instruction area is divided into enumeration areas (EAs).

The sampling frame for the 2023 TjDHS is a list of EAs covering all urban and rural areas of the country, with the primary sampling units (PSUs) being EAs in urban and rural areas. An EA is a geographical area, usually a city block, consisting of an adequate number of households for efficient counting; each EA serves as a counting unit for the population census. The 2020 TPHC did not use EA maps. Urban EAs can be identified through a list of structures/households in the EA together with a description file. In rural areas, an EA is a natural village if small or part of a large village. Rural EAs can be identified with help from the village administration.

The sample was designed to yield representative results for the country as a whole, urban and rural areas separately, and each of the five administrative regions. In addition, as in the previous TjDHS survey, the sample was designed to allow certain indicators to be presented for the 12 districts in the Khatlon region covered under the Feed the Future program (FTF); these 12 districts were combined as a single FTF domain. The sampling frame excluded institutional populations such as persons in hotels, barracks, and prisons.

The 2023 TjDHS followed a stratified two-stage sample design. The first stage involved selecting sample points (clusters) consisting of EAs. EAs were drawn with a probability proportional to their size within each sampling stratum. A total of 370 clusters were selected, 166 in urban areas and 204 in rural areas.

The second stage involved systematic sampling of households. A household listing operation was undertaken in all of the selected clusters, and a fixed number of 22 households per cluster were selected through an equal probability systematic selection process, for a total sample size of approximately 8,140 households.

All women age 15–49 who were either permanent residents of the selected households or visitors who stayed in the households the night before the survey were eligible to be interviewed. Hemoglobin testing was performed in each household among eligible women age 15–49 who consented to being tested. With the parent’s or guardian’s consent, children age 6–59 months were also tested for anemia in each household. Height and weight information was collected from eligible women age 15–49 and children age 0–59 months in all households. Also, one eligible woman in each household was randomly selected to be asked additional questions about domestic violence.

### 1.3 QUESTIONNAIRES

Three questionnaires were used in the 2023 TjDHS: the Household Questionnaire, the Woman’s Questionnaire, and the Biomarker Questionnaire. The questionnaires, based on The DHS Program’s model questionnaires, were adapted to reflect the population and health issues relevant to Tajikistan. Suggestions were solicited from various stakeholders representing government ministries and agencies, nongovernmental organizations, and international donors. After all questionnaires were finalized in English, they were translated into Russian and Tajik.

The Household Questionnaire was used to list all members of and visitors to selected households. Basic demographic information was collected on each person listed, including age, sex, marital status, education, and relationship to the head of the household. For children under age 18, parents’ survival status was determined. The data on age and sex were used to identify women who were eligible for individual interviews. The Household Questionnaire also collected information on child discipline for one randomly selected child age 1–14 per household as well as information on the characteristics of the household’s dwelling unit, such as source of water; type of toilet facilities; materials used for flooring, external walls, and roofing; labor migration, household remittances and ownership of various durable goods.

The Woman’s Questionnaire was used to collect information from all eligible women age 15–49. These women were asked questions on the following topics:

- Background characteristics: age, date of birth, duration of residency, previous residency, literacy, education, access to media, mobile and smart mobile phone ownership, and internet use
- Reproduction: number of children ever born, pregnancy history, reasons for abortion, child mortality, current pregnancy, and age at first menstrual period
- Contraception: knowledge and use of contraception, sources of contraceptive methods, and family planning
- Pregnancy and postnatal care, child immunization, and health and nutrition: prenatal, delivery, and postnatal care; breastfeeding and complementary feeding practices; vaccination coverage; prevalence of and care seeking for diarrhea, acute respiratory infection (ARI), and fever; use of oral rehydration therapy; infant and young child feeding (IYCF) practices; and dietary diversity
- Marriage and sexual activity: marital status, age at first marriage, age at first sexual intercourse, recent sexual activity, number and types of sexual partners, co-wives, and use of condoms

- Fertility preferences: desire for more children, ideal number of children, gender preferences, intention to use family planning and who is making this decision, pressure to become pregnant, and exposure to media messages about family planning
- Husbands' background characteristics and women's work: husband's age, level of education, and occupation and respondent's occupation, sources of earnings, participation in decision making, house ownership, and attitude towards wife beating
- HIV/AIDS: knowledge of AIDS, knowledge of routes of HIV transmission, behavior to avoid STIs and AIDS, stigma, and history of HIV testing
- Other health issues: alcohol consumption and smoking, breast exams, cervical cancer tests, problems in accessing health care, and noncommunicable diseases
- Domestic violence: information on the prevalence and incidence of physical, sexual, and emotional violence
- Calendar: a 5-year calendar of reproductive events (births, pregnancies, pregnancy terminations, pregnancy duration, and contraceptive use)

Because home-based vaccination records are rare in Tajikistan, the TjDHS also collected child vaccination data from health facilities following a protocol identical to that used in the 2012 and 2017 TjDHS surveys. Specifically, vaccination data were collected from mothers, either by viewing the home-based record or through mothers' recall, and from facility-based health vaccination cards. For the latter, consenting mothers provided the address of the facility and the name of the provider; the team supervisor then visited the health facility and copied the records of each eligible child.

The Biomarker Questionnaire was used to record the results of anthropometry measurements and hemoglobin testing.

In addition, a self-administered Fieldworker Questionnaire collected information about the survey's fieldworkers: team supervisors, interviewers, and health investigators.

The 2023 TjDHS survey methodology and instruments were approved by the ICF Institutional Review Board. By law, Tajstat is mandated to conduct population-based surveys in Tajikistan, and local institutional review board approval is not required for the TjDHS. The Government of Tajikistan assigned Tajstat to implement the 2023 TjDHS in collaboration with the Ministry of Health and Social Protection of Population; the government also issued the edict for the creation of the 2023 TjDHS Interagency Steering Committee, which oversaw the approved survey implementation plan and protocols.

## 1.4 ANTHROPOMETRY AND ANEMIA TESTING

In addition to the data collected through interviews, the 2023 TjDHS incorporated two biomarkers: anthropometry and anemia testing. Data related to coverage of the anthropometric measures and the results of the anemia testing were recorded in the Biomarker Questionnaire. The protocol for anemia testing was reviewed and approved by the MoHSPP and the ICF Institutional Review Board.

**Anthropometry.** Weight measurements were taken using SECA scales with a digital display (model number SECA 874). Height and length were measured with a ShorrBoard® measuring board. Children younger than age 24 months were measured lying down (recumbent length), while older children and adults were measured standing (height).

To assess the precision of measurements, 10% of children per cluster were randomly selected to be measured a second time. The DHS Program defines a difference of less than 1 centimeter between the two height measurements as an acceptable level of precision. In addition to remeasurement of randomly

selected children, remeasurement of flagged cases was performed to ensure accurate reporting of height. Children with a z score of less than  $-3$  or more than  $3$  for height-for-age, weight-for-height, or weight-for-age were flagged and measured a second time. Once the height measurement was confirmed, parents or guardians of children with a z score of  $-3$  or less for weight-for-height were provided with a referral for severe acute malnutrition and instructed to take the child to a health facility for follow-up care.

**Anemia.** Blood specimens for anemia testing were collected from women age 15–49 who consented to be tested. Blood specimens were also collected from children age 6–59 months whose parents or guardians had given consent to the testing. Capillary blood was drawn from a finger prick (or a heel prick in the case of children age 6–11 months) performed using a high-flow lancet (BD 366594). The third drop of capillary blood was collected in a HemoCue® 201+ microcuvette. Hemoglobin analysis was carried out on-site using a battery-operated portable HemoCue 201+ device. Results were provided verbally and in writing to those being tested. Parents or guardians of children with a hemoglobin level below 8 g/dl were provided with a referral and instructed to take the child to a health facility for follow-up care. Likewise, adults were referred for follow-up care if their hemoglobin levels were below 8 g/dl.

## 1.5 PRETEST AND CAPI TRAINING OF TRAINERS

Eleven women participated in training to pretest the TjDHS survey questionnaires over a 4-week period from May 10 through June 3, 2023. Classroom training, which took place from May 10 through May 21, focused on questionnaire content. Also, trainees visited a local health facility to practice recording vaccination dates from children's health cards and other vaccination forms kept at the facility. From May 22 through May 29, participants were instructed on using the computer-assisted personal interviewing (CAPI) system, an electronic data capture system programmed on tablet computers that the participants used to implement the survey. Staff from The DHS Program and an ICF consultant based in Dushanbe led the training in Russian and Tajik with support from Tajstat personnel. In addition, senior subject specialists from the MoHSPP attended the sessions to provide technical background on topics such as family planning and reproductive health, childhood immunization, and child health and nutrition. Abduvali Nabizoda from Tajstat delivered a lecture in Tajik on gender-based violence in Tajikistan.

The biomarker classroom portion of the training commenced on May 19 and continued through May 29, 2023. The biomarker training was attended by six participants, all of whom were medically trained specialists. The training, led by staff from The DHS Program in English with consecutive translation to Russian or Tajik, included classroom instruction focusing on anthropometry measurements, anemia testing, and recording of results in the paper Biomarker Questionnaire. The training was divided into three parts: classroom training on anthropometry and anemia, in-class standardization of tests and practice sessions, and fieldwork with interviewers. Classroom training of health investigators (a mixture of women and men) was conducted at the same venue as the training of interviewers, which allowed for close interactions between health investigators and interviewers.

The pretest fieldwork was conducted from May 30 through June 2, 2023. Interviewers and health investigators were divided into three teams and worked in the Districts of Republican Subordination, Rudaki district, and Chorgulteppa (in both urban and rural areas). A total of 72 women's interviews and 48 household interviews were conducted, and 36 Biomarker Questionnaires were completed. Most interviews were conducted in Tajik. Forty-four women were measured and tested for anemia; among children, 30 were measured and 25 were tested for anemia. At the end of each day, both during and after the pretest fieldwork, debriefing sessions were held and questionnaires were modified based on lessons drawn from the exercise.

The CAPI training of trainers started on June 5 and lasted for 5 days. Six information technology (IT) experts from Tajstat were assigned to attend the training of trainers, most of whom had previously taken part in the pretest training. The goals of the training were to provide CAPI system technical content and

training materials and strengthen participants' training facilitation skills so that they could play a leadership role in the main training.

## 1.6 TRAINING OF FIELD STAFF

Eighty-three people (all women) participated in the 4-week main training course on interviewing, which consisted of lectures, demonstrations, and practice interviews. The training for TjDHS health investigators was attended by 35 trainees (24 women and 11 men), all of whom had some form of clinical training or medical research background.

The training of trainers for interviewers was conducted on July 3–5, 2023, prior to the main training. The purpose of the training of trainers was to prepare master trainers for the main training course. Seven trainers (all women) were selected, based on performance, from the 11 participants in the pretest. The trainers were recruited through the Tajstat regional offices; they later served as team supervisors, quality control field monitors, or regional coordinators during the 2023 TjDHS data collection.

The main fieldwork training, conducted from July 6 through August 4, 2023, was led by the seven master trainers and backstopped by staff from The DHS Program. The interviewer training was conducted in Tajik, and sessions included discussions of concepts, procedures, and survey methodology. Participants were guided through the questionnaires. In addition, senior subject specialists from the MoHSPP attended the sessions to provide background on topics including family planning, reproductive health, childhood immunization, and child health and nutrition. As with the pretest training, Abduvali Nabizoda from Tajstat delivered a lecture on gender-based violence in Tajikistan. The training included presentations, lectures, hands-on exercises, mock interviews, role plays, group work, tutorial videos, and quizzes. In-class exercises included probing for age, checking age consistency, copying information from the vaccination cards, completing the reproductive calendar, and practicing interviews. Also, participants received training on how to test household salt for iodine.

Once training on use of paper questionnaires concluded, Tajstat staff and an ICF consultant based in Dushanbe conducted a weeklong training course on computer-assisted personal interviewing in Tajik with backstopping by data processing staff from The DHS Program. The training, which took place from July 19 through July 28, 2023, was facilitated by five IT specialists who had attended the CAPI training of trainers. Participants learned about features of the data collection system, different scenarios and technical issues typically encountered during fieldwork, and ways to resolve issues.

The biomarker classroom portion of the training commenced on July 19 and continued through July 28, 2023. This training was led by staff from The DHS Program with assistance from the two biomarker master trainers. The biomarker training was also supported by three additional trainers who attended the pretest and demonstrated proficiency in all of the biomarker procedures. Training materials were presented in Russian with additional explanation in Tajik when necessary to aid the trainees in comprehension.

The biomarker training was divided into four parts: (1) classroom training on the 2023 TjDHS process, eligibility criteria, informed consent, and proper recording of results in the paper Biomarker Questionnaire; (2) classroom and practical training in the DHS techniques for anthropometry, including standardization exercises; (3) classroom and practical training in capillary blood collection and anemia testing; and (4) fieldwork practice with interviewers. Classroom training of the health investigators was conducted at the same venue as the interviewer training, allowing for close interactions between the health investigators and interviewers.

To give the biomarker training participants hands-on experience prior to field practice, the health investigators practiced skills with each other and with Tajstat staff, staff from The DHS Program, and interviewers. Six mothers with children visited at the start of anthropometry training to allow live demonstrations of the measurement protocols with adults and children. Following these demonstrations and further classroom training in anthropometry techniques, anthropometry standardization exercises were

conducted at the training venue. Tajstat arranged for a total of approximately 110 children to be present at the training over the 5 days of practice and standardization.

During anthropometry sessions, health investigators were trained to measure the height and weight of children and adults. Inter-observer and intra-observer variations of the same measurements as well as the concepts of accuracy and precision were explained to the participants. Anthropometry training concluded with standardization exercises in which trainees were required to demonstrate proficiency in child height or length measurement. Restandardization exercises were offered for health investigators who did not meet the standardization criteria on the first attempt. Only those health investigators whose standardization scores demonstrated proficiency in child anthropometry were permitted to measure children during field data collection.

In addition, a special session on anthropometry was held with all team supervisors. On the final day of the classroom training sessions, staff from The DHS Program met with team supervisors to explain the use of checklists provided to aid them in overseeing the health investigators' work. Supervisors were also provided a summary of the remeasurement procedures in which the supervisor and the health investigators revisited approximately two to three children per cluster together for quality control checks of anthropometry measurements.

To improve team coordination, a joint classroom session involving the health investigators was also organized with the interviewers at Tajstat before the beginning of field practice. All training participants and Tajstat staff were given an overview of biomarker collection in the 2023 TjDHS. This overview described eligibility for biomarker collection, use of the Household and Biomarker Questionnaires to record data, appropriate procedures for obtaining informed consent, and supply packing and transportation logistics. Collecting data of high quality was emphasized. Also, participants received a brief tutorial on how to assist in taking anthropometric measurements.

Throughout the training, participants were evaluated via in-class exercises, quizzes, and observations made during field practice. At the end of the training, teams were formed by selecting supervisors, interviewers, and health investigators. The supervisors received additional training in data quality control procedures, fieldwork coordination, and management. They also received training on copying immunization records from MoHSPP form 63 and children's health cards directly to tablet computers.

Supervisors, interviewers, and health investigators were divided into 18 teams for field practice, with each team consisting of one supervisor, four interviewers, and two health investigators. Field practice took place in the Tesgar village of the DRS region in 18 clusters with prelisted residential households in nonsampled areas, giving the teams an opportunity to implement the survey in a real-world situation. Field practice took place over 3 days (July 29–31, 2023), and each interviewer visited a minimum of two households per day. During the field practice, a total of 269 women's interviews and 169 household interviews were completed. To allow for practice of biomarker collection, approximately 238 women were measured and 201 were tested for anemia. Among children, 174 were measured and 113 were tested for anemia.

## 1.7 FIELDWORK

Data collection was carried out by 15 field teams, each consisting of one female team supervisor, four female interviewers, and two health investigators (at least one of whom was female and at least one of whom was standardized for anthropometry). Fieldwork started in most regions on August 10, 2023, and ended on November 28, 2023.

Fieldwork monitoring was an integral part of the 2023 TjDHS. Senior TjDHS technical staff from Tajstat, along with three DHS quality control field monitors, three biomarker quality control field monitors, five field coordinators, and four CAPI coordinators, visited teams regularly to review work and monitor data quality. Also, representatives from The DHS Program visited teams to monitor data collection and to observe anemia testing and height and weight measurements of women and children under age 5. During



field visits, staff provided teams (supervisor, interviewers, and health investigators) with critical feedback to improve their performance. In addition, they used TjDHS field-check tables based on data from completed clusters to illustrate problems specific to each team visited. Field-check tables based on the completed questionnaires entered during fieldwork were generated in real time as fieldwork progressed and were available online via the SyncCloud platform. The tables were reviewed and discussed with the Tajstat staff on an ongoing basis to alert field teams to data quality issues found during the survey fieldwork and to ensure that quality data collection was maintained throughout the fieldwork.

## 1.8 DATA PROCESSING

The 2023 TjDHS used a Windows-based system. All electronic data files were transferred via a secure SyncCloud server to the Tajstat central office in Dushanbe, where they were stored on a password-protected computer. The data processing operation included secondary editing, which required resolution of computer-identified inconsistencies and coding of open-ended questions. The data were processed by five IT specialists/secondary editors who took part in the main fieldwork training, the training of trainers, and a refresher secondary editing training session; they were supervised remotely by staff from The DHS Program. Data editing was accomplished using CPro software. Secondary editing and data processing were initiated in December 2023 and completed in February 2024.

## 1.9 RESPONSE RATES

**Table 1.1** presents the response rates for the 2023 TjDHS. A total of 8,140 households were selected for the TjDHS sample, of which 8,070 were found to be occupied. Of the occupied households, 8,035 were successfully interviewed, yielding a response rate of over 99%. In the interviewed households, 9,930 women age 15–49 were identified as eligible for individual interviews. Interviews were completed with 9,879 women, yielding a response rate of over 99%.

**Table 1.1 Results of the household and individual interviews**

Number of households, number of interviews, and response rates, according to residence (unweighted), Tajikistan DHS 2023

| Result                                    | Residence |       | Total |
|-------------------------------------------|-----------|-------|-------|
|                                           | Urban     | Rural |       |
| <b>Household interviews</b>               |           |       |       |
| Households selected                       | 3,652     | 4,488 | 8,140 |
| Households occupied                       | 3,620     | 4,450 | 8,070 |
| Households interviewed                    | 3,597     | 4,438 | 8,035 |
| Household response rate <sup>1</sup>      | 99.4      | 99.7  | 99.6  |
| <b>Interviews with women age 15–49</b>    |           |       |       |
| Number of eligible women                  | 4,245     | 5,685 | 9,930 |
| Number of eligible women interviewed      | 4,218     | 5,661 | 9,879 |
| Eligible women response rate <sup>2</sup> | 99.4      | 99.6  | 99.5  |

<sup>1</sup> Households interviewed/households occupied

<sup>2</sup> Respondents interviewed/eligible respondents





## Key Findings

- **Electricity:** Nearly all households (more than 99%) have access to electricity.
- **Clean fuels and technology:** 20% of the population has access to clean fuels for cooking, heating, and lighting.
- **Indoor smoke:** 12% of households use solid materials for cooking, and 6% are exposed to smoking inside the home on a daily basis.
- **Household population and composition:** 39% of the population is under age 15. The average household size is 5.6 persons. Twenty percent of households are headed by women.
- **Birth registration:** 97% of children under age 5 have had their births registered with the civil authorities.
- **Educational attainment:** 67% of women and 56% of men have attained some secondary or completed secondary education. Sixteen percent of men and 8% of women have a higher or graduate education.
- **Child discipline:** 56% of children age 1–14 experienced at least one form of violent discipline in the month before the survey.

Information on the socioeconomic characteristics of the household population in the 2023 TjDHS provides a context for interpreting demographic and health indicators and furnishes an approximate indication of the representativeness of the survey. The information also sheds light on the living conditions of the population.

This chapter presents information on housing characteristics and household possessions, use of clean fuels and technologies (related to cooking, heating, and lighting), wealth, household population and composition, labor migration, household remittances, children’s living arrangements and orphanhood, birth registration, child discipline, educational attainment, and school attendance.

## 2.1 HOUSING CHARACTERISTICS

The 2023 TjDHS collected information on access to electricity, flooring materials, and the number of rooms used for sleeping (**Table 2.1**). Nearly all households (more than 99%) in both urban and rural areas have access to electricity. Half of household flooring materials are constructed from wood planks (28%) and parquet or polished wood (22%), with this proportion nearly twice as high in urban areas (69%) as in rural areas (42%). More rural than urban households use cement flooring (26% versus 9%). The vast majority of households use two or more rooms for sleeping (89%), with 48% of urban households using two rooms for sleeping and 49% of rural households using three or more rooms for sleeping. Eight percent of urban households and 5% of rural households are exposed to smoking inside the home on a daily basis; 87% of households are not exposed to smoking inside the home.

### 2.1.1 Use of Clean Fuels and Technologies

#### Primary reliance on clean fuels and technologies

The percentage of the population using clean fuels and technologies for cooking, heating, and lighting, where each component is defined as follows:

- **Clean cooking fuels and technologies**  
Includes stoves/cookers using electricity and liquefied petroleum gas (LPG)/natural gas/biogas
- **Clean heating fuels and technologies**  
Includes central heating, thermo-electro-central, electricity, and LPG/natural gas/biogas
- **Clean lighting fuels and technologies**  
Includes electricity, solar lanterns, and battery-powered or rechargeable flashlights/torches/lanterns

**Sample:** Households and de jure population

### 2.1.2 Cooking

In three quarters of households (75%), cooking takes place outside the home; however, this proportion is nearly twice as high in rural households (88%) as in urban households (45%) (**Table 2.2**). In comparison, 54% of urban households and only 8% of rural households cook inside the home.

Overall, 88% of households use clean fuels and technologies for cooking (98% of urban households and 84% of rural households). Eighty-six percent of the de jure population lives in households that use clean fuels and technologies for cooking, including 97% of the urban de jure population and 82% of the rural population. The main technologies used are electric stoves (50% of households) and LPG/natural gas stoves (34%). Twelve percent of households use solid fuels for cooking, with this proportion being much high in rural households (16%) than in urban households (2%). The most commonly used solid fuel is wood (8%), followed by animal dung (3%) (**Table 2.2**).

### 2.1.3 Heating and Lighting

The majority of de jure residents (76%) use a traditional cookstove for heating, while 12% use a manufactured space heater and 5% use central heating (**Table 2.3**). However, there is a great deal of variation between the urban and rural populations. Ninety-one percent of the de jure rural population uses a traditional cookstove for heating, as compared with only 33% of the urban population; conversely, 38% of the de jure urban population uses a manufactured space heater for heating, compared with only 3% of the rural population.

Overall, only 20% of the de jure population uses clean fuels and technologies for heating (63% of the urban population and 5% of the rural population), with the most commonly used clean fuel being electricity (14%). Forty-three percent of de jure residents use coal/lignite for heating fuel, while 25% use wood. Higher proportions of rural than urban residents use these fuels. The vast majority of the population uses clean fuels for lighting (more than 99%), with 99% using electricity (**Table 2.3**).

### 2.1.4 Primary Reliance on Clean Fuels and Technologies

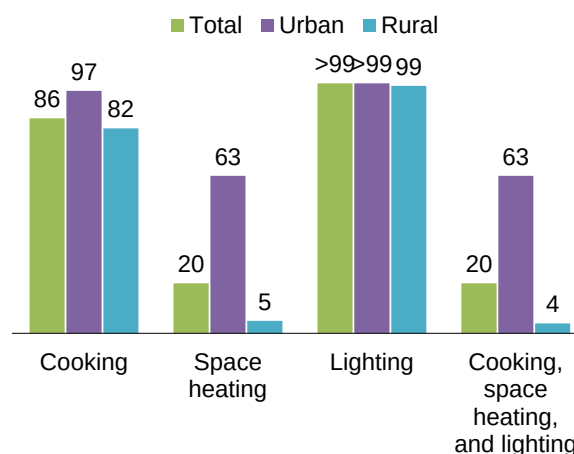
Overall, 20% of the de jure population relies primarily on clean fuels and technologies for cooking, space heating, and lighting. Eighty-six percent of the population relies on clean fuels for cooking, 20% for heating, and more than 99% for lighting (**Table 2.4**).

## Patterns by background characteristics

- Primary reliance on clean fuels and technologies for cooking, space heating, and lighting is much more common in urban areas (63%) than in rural areas (4%) (**Figure 2.1**).
- The percentage of the de jure population that relies on clean fuels and technologies for cooking, space heating, and lighting is over five times higher in Dushanbe (88%) than in Sughd, the region with the next highest percentage (17%).
- Primary reliance on clean fuels and technologies for cooking, space heating, and lighting is highest among the population in the highest wealth quintile (85%) and lowest among the population in the lowest wealth quintile (1%).

**Figure 2.1 Primary reliance on clean fuels and technologies by residence**

Percentage of de jure population relying on clean fuels and technologies for:



## 2.2 HOUSEHOLD WEALTH

### 2.2.1 Household Durable Goods

The survey also collected information on household effects, means of transportation, and ownership of agricultural land and farm animals (**Table 2.5**). Televisions and mobile phones are the most common information and communication devices in Tajikistan. Almost all households have mobile phones (96%) and a television (98%). Almost one in five (17%) households own a computer (30% of urban households and 11% of rural households).

Bicycles (44%) and cars/trucks (41%) are the most common means of transportation owned by households, with bicycles being the most prevalent form of transportation in rural households (50%) and cars/trucks being the most prevalent form in urban households (36%). However, rural households are more likely than urban households to own both a bicycle (50% versus 31%) and a car or truck (43% versus 36%). Seventeen percent of households own an animal-drawn cart, and 5% own a motorcycle or scooter.

Use of agricultural land and ownership of farm animals vary greatly between urban and rural areas: 54% of rural households and 10% of urban households use agricultural land, and 61% of rural households and 12% of urban households own farm animals (**Table 2.5**).

### 2.2.2 Wealth Index

#### Wealth index

Households are given scores based on the number and kinds of consumer goods they own, ranging from a television to a bicycle or car, and housing characteristics such as source of drinking water, toilet facilities, and flooring materials. These scores are derived using principal component analysis. National wealth quintiles are compiled by assigning the household score to each usual (de jure) household member, ranking each person in the household population by her or his score, and then dividing the distribution into five equal categories, each comprising 20% of the population.

**Sample:** Households

**Table 2.6** shows the distribution of the de jure household population by wealth quintile according to residence and region. Wealth is clearly concentrated in urban areas. Sixty-five percent of the urban population falls in the highest wealth quintile. By contrast, 50% of the rural population falls in the two lowest wealth quintiles (**Figure 2.2**). Wealth varies widely by region. Ninety-one percent of the population in Dushanbe falls in the highest wealth quintile, as compared with only 7% of the population in Khatlon. Conversely, 36% of the population in Gorno-Badakhshan Autonomous Oblast (GBAO) falls in the lowest wealth quintile, compared with less than 1% of the population in Dushanbe.

**Figure 2.2 Household wealth by residence**

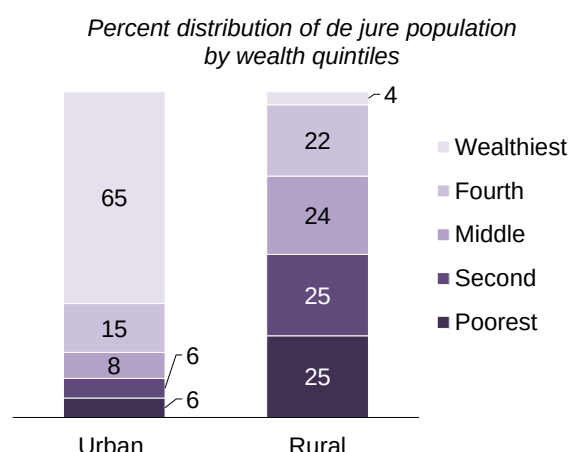


**Table 2.6** also includes the Gini coefficient, a measure of the level of concentration of wealth. The Gini coefficient ranges from 0–1, with 0 being an equal wealth distribution and 1 being a totally unequal distribution. The Gini coefficient is 0.32 at the national level, which suggests that wealth is somewhat unevenly distributed across the population. Wealth is distributed more evenly in the rural population than in the urban population (0.19 versus 0.25).

## 2.3 HOUSEHOLD POPULATION AND COMPOSITION

### Household

A person or group of related or unrelated persons who live together in the same dwelling unit(s), who acknowledge one adult male or female as the head of the household, who share the same housekeeping arrangements, and who are considered a single unit.

### De facto population

All persons who stayed in the selected households the night before the interview (whether usual residents or visitors).

### De jure population

All persons who are usual residents of the selected households, whether or not they stayed in the household the night before the interview.

### How data are calculated

All tables are based on the de facto population unless otherwise specified.

The de facto survey population (those who stayed overnight in the surveyed households) is 42,221; 53% of these individuals are female and 47% are male. Nearly half (47%) of the population is under age 20, over one-third is under age 15 (39%), and only 5% is age 65 and older. Children under age 5 and adolescents age 10–19 account for 13% and 21% of the population, respectively (**Table 2.7** and **Figure 2.3**).

The population pyramid in **Figure 2.3** shows the population distribution by 5-year age groups, separately for males and females.

The broad base of the pyramid is typical of populations that have experienced high fertility in the recent past.

The average household size is 5.6 people (**Table 2.8**). Rural households are larger (5.9 people per household) than urban households (4.9 people per household). Men head the majority of households, with only 20% headed by women.

Five percent of households have foster and/or orphan children, with this percentage higher in urban areas than in rural areas (7% and 5%, respectively).

**Trends:** The age-sex structure of the Tajikistan population has shown little change over the past decade. The percentage of children under age 15 is 39% in 2023 (**Table 2.7**), nearly the same as in 2012 and 2017 (38% each). The proportion of youth between age 15 and age 24 has decreased over time, from 20% in 2012 to 17% in 2017 and 15% in 2023. The population age 65 or older has changed little over the past decade (4% in 2012 and 5% in 2023). The average household size declined from 6.3 persons in 2012 and 6.0 persons in 2017 to 5.6 persons in 2023.

The percentage of households that have foster and/or orphan children has decreased over time, from 8% of households in 2012 to 5% in 2023 (**Table 2.8**).

## 2.4 CHILDREN'S LIVING ARRANGEMENTS AND PARENTAL SURVIVAL

### Orphan

A child with one or both parents who are dead.

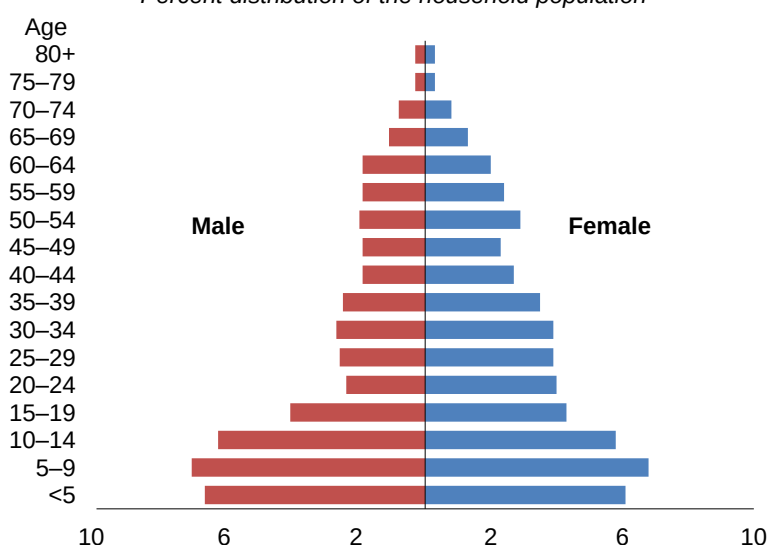
**Sample:** Children under age 18

Eighty-nine percent of de jure children under age 18 live with both of their parents; 2% are not living with their biological parents. Two percent of children under age 18 are orphans (one or both parents are dead), with most having lost their father (2%). Orphanhood increases with the child's age, from 1% among children age 0–4 to 5% among children age 15–17 (**Table 2.9**). By region, orphanhood is higher in Dushanbe and GBAO (3% each) than in the other regions (2%).

**Trends:** The proportion of children who are orphaned has fallen slightly over time, from 3% in 2012 to 2% in 2023.

**Figure 2.3 Population pyramid**

*Percent distribution of the household population*



## 2.5 BIRTH REGISTRATION

### Registered birth

Child has a birth certificate or child does not have a birth certificate, but the birth is registered with the civil authorities.

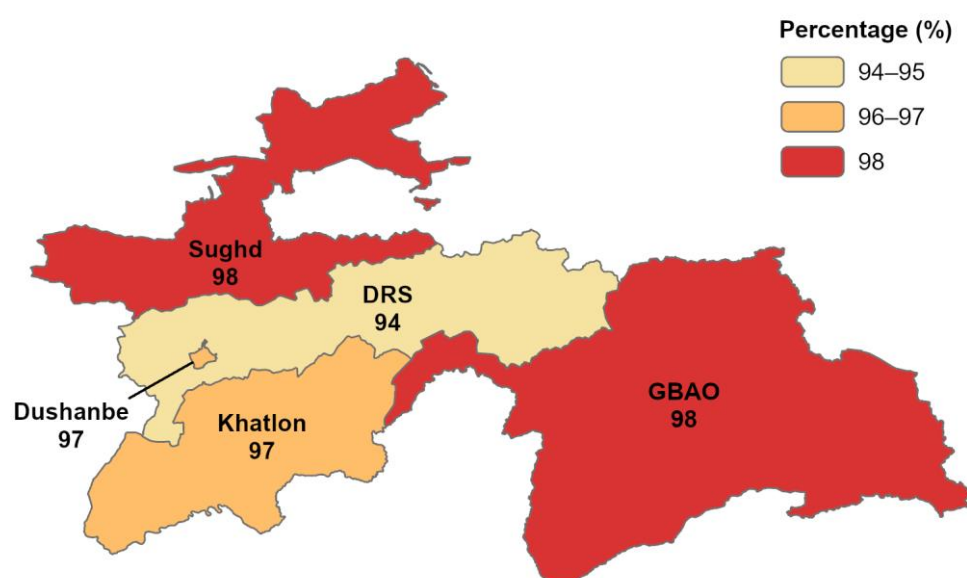
**Sample:** De jure children under age 5

The global concern regarding the need to have all births registered by 2030 is evident in SDG Targets 16.9.1 and 17.19.2. Birth registration is important because a child who is not registered is in danger of being denied the right to an official identity, a recognized name, and a nationality.

Respondents were asked whether they had birth certificates for the children in the household who were under age 5. If a child did not have a birth certificate, respondents were asked whether the birth had been registered with the civil authorities. **Table 2.10** presents information on the percentage of children under age 5 who have a birth certificate and the percentage who do not have a birth certificate but whose birth has been registered with the civil authorities. Overall, 97% of children under age 5 had their births registered with the civil authorities; this includes 94% with a birth certificate and 3% whose birth was registered but who do not have a birth certificate. The percentage of births that have been registered increases from 92% among children younger than age 1 to 98% among children age 1–4. By region, birth registration ranges from 94% in Districts of Republican Subordination (DRS) to 98% in Sughd and GBAO (**Map 2.1**).

**Map 2.1 Birth registration by region**

*Percentage of de jure children under age 5 whose births are registered with the civil authorities*



**Trends:** The percentage of children whose births are registered has increased over time, from 82% in 2012 to 96% in 2017 and 97% in 2023. Similarly, the percentage of children with a birth certificate increased from 82% in 2012 to 91% in 2017 and 94% in 2023.

## 2.6 EDUCATION

### 2.6.1 Educational Attainment

#### Median educational attainment

Half of the population has completed less than the median number of years of schooling, and half of the population has completed more than the median number of years of schooling.

**Sample:** De facto household population age 6 and older

**Table 2.11.1** and **Table 2.11.2** present data on the educational attainment of the female population and male population age 6 and older, respectively.

Sixty-seven percent of the female population and 56% of the male population age 6 and older have attained some secondary or completed secondary education. Males are more likely than females to have a postsecondary education (22% versus 14%). Only 6% of males and females age 6 and older never attended school. Sixteen percent of males have a higher education (the equivalent of a university degree), as compared with 8% of females. Median years of schooling are 9.0 among females and 9.4 among males.

**Trends:** The percentage of respondents who have completed secondary education has increased slightly since 2012, from 33% to 36% among females and from 30% to 33% among males. The percentage of respondents with a postsecondary education (professional primary, professional middle, higher, and postgraduate levels combined) has increased slightly over time among females, from 10% in 2012 to 13% in 2017 and 14% in 2023, and has changed only minimally among males (23% in 2012, 25% in 2017, and 22% in 2023). The percentage of respondents with a higher education increased from 5% in 2012 to 8% in 2023 among females and from 15% in 2012 to 16% in 2023 among males.

The median number of years of schooling among females has increased slightly over the past decade, from 8.6 in 2012 to 9.0 years in 2023. During the same period, the median among males has changed only minimally (9.3 in 2012, 9.5 in 2017, and 9.4 in 2023).

#### Patterns by background characteristics

- The median number of years of schooling is higher in urban areas than in rural areas among both females (9.3 versus 9.0) and males (9.8 versus 9.3).
- On average, educational attainment is highest in GBAO and lowest in DRS. The difference in median years of schooling between GBAO and DRS is 1.5 among females and 1.1 among males.
- Dushanbe lags behind GBAO in median years of schooling among both males and females; however, the percentage of respondents attaining a higher education is higher in Dushanbe than in any of the other regions, especially among males. Overall, 35% of men and 20% of women from Dushanbe attained a higher education, as compared with 13% of men and 6% of women in Khatlon, indicating clear educational advantages for people living in Dushanbe over people from the other regions.
- Wealth has a strong positive relationship with education. Median years of schooling vary from 8.5 in the lowest wealth quintile to 9.6 in the highest quintile among females and from 8.9 in the lowest wealth quintile to 10.1 in the highest quintile among males, indicating more than a 1-year difference in the median number of years of schooling between the populations from these opposite quintiles.



## 2.6.2 Primary and Secondary School Attendance

### Net attendance ratio (NAR)

Percentage of the school-age population that attends primary or secondary school.

**Sample:** Children age 7–10 for primary school NAR and children age 11–17 for secondary school NAR

### Gross attendance ratio (GAR)

The total number of children attending primary school divided by the official primary school-age population and the total number of children attending secondary school divided by the official secondary school-age population.

**Sample:** Children age 7–10 for primary school GAR and children age 11–17 for secondary school GAR

The results in **Table 2.12** show that school attendance is high but not universal among the school-age population in Tajikistan. The primary school NAR indicates that 88% of children age 7–10 who should be attending the primary level are doing so. Similarly, the secondary school NAR shows that 88% of children age 11–17 who should be attending the secondary level are doing so. The NAR for primary school is the same for girls and boys (88%), while the secondary school NAR is slightly higher among boys (90%) than girls (86%).

The primary school gross attendance ratio (GAR) for children age 7–10 is 97% (96% for girls and 97% for boys). The secondary school GAR for children age 11–17 is 98%, and the ratio is higher for boys (more than 99%) than for girls (96%).

### Gender parity index (GPI)

The ratio of female to male students attending primary school and the ratio of female to male students attending secondary school. The index reflects the magnitude of the gender gap.

**Sample:** Primary school students and secondary school students

### Out-of-school rate

Percentage of the school-age population that is not attending any level of education.

**Sample:** Children age 7–10 for primary school out-of-school rate and children age 11–17 for secondary school out-of-school rate

In addition, **Table 2.12** shows the percentage of children of primary and secondary school age who are out of school. The out-of-school rate for primary school is the percentage of the primary school-age (7–10 years) population that is not attending any level of education. The out-of-school rate for secondary school is the percentage of the secondary school-age (11–17 years) population that is not attending any level of education. The out-of-school rate is 7% for primary school and 6% for secondary school.

**Table 2.12** also presents information on the gender parity index (GPI). A GPI of 1 is evidence of equality in the net attendance ratio (NAR) for girls to boys. The primary school GPI is 0.99, indicating that boys have only a very slight advantage over girls in primary school attendance. The secondary level GPI is 0.97, showing that boys have a greater but still comparatively small advantage over girls in secondary school attendance.

### School completion rate

Percentage of the school-age population that is not attending any level of education.

**Sample:** Children age 13–15 for primary school, young people age 18–20 for lower secondary school, and young people age 20–22 for upper secondary school

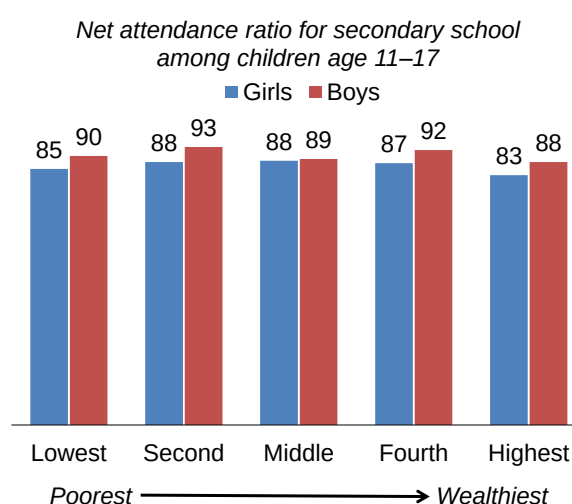
In Tajikistan, an 11-year system of general education is currently in place, and children enter primary school at age 7. Primary education encompasses 4 years (grades 1–4, age 7–10), lower secondary (also known as general basic) encompasses 5 years (grades 5–9, age 11–15), and upper secondary encompasses 2 years (grades 10–11, age 16–17). The school year typically runs from September of one year to May or June of the following year. Secondary education is compulsory until the ninth grade.

The primary education completion rate shown in **Table 2.13** represents the percentage of completion among a cohort of children 3 to 5 years older than the official age of the last grade of primary education (that is, the percentage of children who are age 13 to age 15) who completed primary education in Tajikistan. Completion rates are also presented for lower secondary and upper secondary education. Overall, 26% of children in Tajikistan completed the last grade of primary school, 28% completed the last grade of lower secondary school, and 39% completed the last grade of upper secondary school.

### Patterns by background characteristics

- The NAR for primary school is the same in urban and rural areas (88%). The secondary school NAR is higher in rural areas (87% among females and 91% among males) than in urban areas (84% among females and 89% among males).
- The primary school NAR is highest among girls in Dushanbe (90%). The secondary school NAR is lowest in Dushanbe (84% overall and 80% among girls). GBAO and Khatlon have the highest NARs for secondary school (90% each).
- The secondary school NAR is highest among male children from households in the second wealth quintile (93%) and female children from households in the third quintile (88%). Among both males and females, the NAR for secondary school is lowest in the highest wealth quintile (88% for males and 83% for females) (**Figure 2.4**).
- Out-of-school rates are slightly higher among females than among males; the difference is more pronounced for secondary school (8% among females and 5% among males). The percentage of secondary school-age children who do not attend any level of education is highest in DRS (9%) and is twice as high among the DRS female population (12%) as among the male population (6%).
- Completion rates for primary education show little variation by background characteristics. The completion rate for lower secondary school is highest among female students (30%), students in Dushanbe (31%), and those in the highest wealth quintile (32%) and lowest in GBAO (18%). The

**Figure 2.4 Secondary school attendance by household wealth**



completion rate for upper secondary school is notably higher in GBAO and Khatlon (41% each) than in Dushanbe (36%).

### 2.6.3 Participation Rate in Organized Learning among Children Age 6

#### **Participation rate in organized learning: adjusted net attendance ratio (NAR)**

Percentage of children 1 year younger than the official primary school entry age (at the beginning of the school year) who are attending an early childhood education program or primary school. The ratio is termed adjusted since it includes children in primary school.

**Sample:** Children age 6 at the beginning of the school year

**Table 2.14** presents data on participation in organized learning. Overall, only 4% of children 1 year younger than the official lower basic school entry age at the beginning of the school year have attended an early childhood education program, and 18% have attended primary school. The majority of children (78%) have attended neither an early childhood education program nor primary school. The adjusted NAR for organized learning among children age 6 at the beginning of the school year is 23%.

#### **Patterns by background characteristics**

- Early childhood education attendance is more common in urban areas (8%) than in rural areas (3%). Similarly, primary school attendance is more common in urban areas (22% versus 17%).
- Forty percent of children in GBAO attend an early childhood education program, as compared with less than 1% of children in Khatlon.
- The percentage of children who attend an early childhood education program increases with increasing household wealth, from 1% in the lowest wealth quintile to 10% in the highest wealth quintile.
- The adjusted NAR for organized learning is highest in GBAO (72%) and Dushanbe (41%) and lowest in Feed the Future (FTF) districts and Khatlon (18% each).

## 2.7 CHILD DISCIPLINE

#### **Nonviolent disciplinary approaches**

Includes one or more of the following:

- Taking away privileges, forbidding something the child liked, or not allowing the child to leave the house
- Explaining that the child's behavior was wrong
- Giving the child something else to do

**Sample:** De jure children age 1–14

#### **Psychological aggression**

Includes one or both of the following:

- Shouting, yelling, or screaming at the child
- Calling the child dumb, lazy, or a similar term

**Sample:** De jure children age 1–14

### Physical punishment

Includes one or more of the following:

- Shaking the child
- Spanking, hitting, or slapping the child on the bottom with a bare hand
- Hitting the child on the bottom or other part of the body with a belt, hairbrush, stick, or other similar hard object
- Hitting or slapping the child on the face, head, or ears
- Hitting the child on the hand, arm, or leg
- Beating the child up, that is, hitting the child over and over as hard as one can

**Sample:** De jure children age 1–14

### Severe physical punishment

Includes one or both of the following:

- Hitting or slapping the child on the face, head, or ears
- Beating the child up, that is, hitting the child over and over as hard as one can

**Sample:** De jure children age 1–14

The way parents and caretakers discipline children can have long-term consequences for their physical and psychological development and well-being. To identify the types of child disciplinary methods used in Tajikistan, questions on child discipline were asked about one randomly selected child age 1–14 in each household.<sup>1</sup> In the 2023 TjDHS, the respondent to the Household Questionnaire (the household head or other knowledgeable adult household member) was asked a series of separate questions about practices used to discipline the child during the month before the survey.

Overall, 56% of children age 1–14 experienced any type of violent discipline in the month before the survey (**Table 2.15**). Over half of children (54%) experienced psychological aggression, and a little over one-third (38%) experienced only nonviolent discipline. Thirty-four percent of children experienced at least one form of physical punishment, and 6% experienced severe physical punishment. Overall, only 4% of respondents administered questions about child discipline believe that a child needs physical punishment to be raised or educated properly (**Table 2.16**).

**Trends:** The percentage of children age 1–14 who experienced any form of physical violence in the past month decreased from 69% in 2017 to 56% in 2023. Over the same period, the percentage of respondents who believe that physical punishment is needed to raise or educate a child properly decreased from 15% to 4%.

### Patterns by background characteristics

- Boys are more likely than girls to have experienced at least one form of violent discipline (58% versus 54%) and to have experienced severe physical punishment (7% versus 5%).
- Over half of children age 3–14 experienced violent discipline in the past month. Children in the 5–9 age group experienced the highest frequencies of any form of violent discipline (59%), psychological aggression (57%), and severe physical punishment (7%).

<sup>1</sup> If several children age 1–14 were listed in the household schedule, only one child per household was randomly selected for administration of the questions on child discipline. If one child age 1–14 was listed in the household schedule, the questions on child discipline were administered about this child. If none of the children listed in the household schedule were age 1–14, the questions on child discipline were not administered.

- The percentage of children experiencing violent discipline was highest in DRS (63%) and Khatlon (61%) and lowest in Sughd (43%). The reported frequency of violent discipline in the past month was the same in rural and urban areas (56%).
- Children from the poorest households (65%) and those born to mothers with a general basic education (63%) experienced higher levels of exposure to violent discipline, mostly in the form of psychological aggression, than children from wealthier households and those born to mothers in other education categories.
- The percentage of respondents who believe that physical punishment is needed to raise or educate a child properly is lowest in GBAO (less than 1%) and highest in DRS (8%).

## 2.8 LABOR MIGRATION AND HOUSEHOLD REMITTANCES

According to the International Organization for Migration (IOM), “for the past two decades, Tajikistan has been experiencing a large-scale outflow of labor migration, with the majority traveling to the Russian Federation seeking employment” (IOM 2024). Personal remittances received by households from labor migrants contributed to over 38% of the country’s gross domestic product (GDP) in 2023 (World Bank 2024). The outflow of labor migration from Tajikistan to Russia (the largest country of destination) is mostly seasonal and slowing down due to stricter regulations and sanctions that bring uncertainty about the sustainability of strong dependence on personal remittances in the future (IOM 2024; Lemon 2019).

The 2023 TjDHS collected information on labor migration and receipt of money from abroad. Thirty-eight percent of households reported having a labor migrant who had worked abroad for 3 or more months in the past 12 months, and 38% of households also reported receiving money or parcels from abroad. Among these households, the vast majority (97%) reported that labor migrants were working in Russia and the same percentage reported receiving money or parcels from Russia. These data corroborate data from other surveys on labor migration (Lemon 2019). Women and men are equally likely to have worked abroad in the past 12 months; the median number of men and women who worked abroad in the past 12 months is 1.7 per household (**Table 2.17** and **Table 2.18**).

Among the 3,040 households that received money or parcels from abroad, 52% reported that their financial situation improved slightly as a result, while 43% reported substantial financial improvement and 3% reported no change (**Table 2.19**).

### Patterns by background characteristics

- Forty-three percent of rural households reported having a labor migrant who worked abroad for at least 3 months in the past year, as compared with 27% of urban households.
- The percentage of households that reported having a labor migrant who worked abroad for at least 3 months in the past year is highest in GBAO (53%) and lowest in Dushanbe (22%).
- Fifty percent of households in DRS that received money or parcels from abroad reported a substantial impact on their financial situation, compared with only 26% in Dushanbe. Seventy-one percent of households in GBAO reported a slight improvement in their financial situation as a result of receiving money from abroad.

## LIST OF TABLES

For more information on household population and housing characteristics, see the following tables:

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- **Table 2.2      Household characteristics: Cooking**
- **Table 2.3      Household characteristics: Heating and lighting**
- **Table 2.4      Primary reliance on clean fuels and technologies**
- **Table 2.5      Household possessions**
- **Table 2.6      Wealth quintiles**
- **Table 2.7      Household population by age, sex, and residence**
- **Table 2.8      Household composition**
- **Table 2.9      Children's living arrangements and orphanhood**
- **Table 2.10     Birth registration of children under age 5**
- **Table 2.11.1   Educational attainment of the female household population**
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**Table 2.1 Household characteristics: Housing**

Percent distribution of households and de jure population by housing characteristics and percent distribution by frequency of smoking in the home, according to residence, Tajikistan DHS 2023

| Characteristic                          | Households |       |       | Population |        |        |
|-----------------------------------------|------------|-------|-------|------------|--------|--------|
|                                         | Urban      | Rural | Total | Urban      | Rural  | Total  |
| <b>Electricity</b>                      |            |       |       |            |        |        |
| Yes                                     | 99.9       | 99.9  | 99.9  | 99.9       | 99.9   | 99.9   |
| No                                      | 0.1        | 0.1   | 0.1   | 0.1        | 0.1    | 0.1    |
| Total                                   | 100.0      | 100.0 | 100.0 | 100.0      | 100.0  | 100.0  |
| <b>Flooring material</b>                |            |       |       |            |        |        |
| Earth/sand                              | 2.6        | 13.5  | 10.2  | 2.7        | 13.4   | 10.6   |
| Wood planks                             | 37.3       | 23.7  | 27.7  | 36.0       | 22.1   | 25.7   |
| Parquet or polished wood                | 31.3       | 18.0  | 22.0  | 31.8       | 18.1   | 21.7   |
| Vinyl or linoleum                       | 14.2       | 11.7  | 12.5  | 13.9       | 11.3   | 12.0   |
| Ceramic tiles                           | 0.1        | 0.2   | 0.2   | 0.1        | 0.2    | 0.2    |
| Cement                                  | 9.2        | 25.5  | 20.6  | 9.7        | 26.9   | 22.4   |
| Carpet                                  | 5.3        | 7.4   | 6.8   | 5.8        | 8.0    | 7.4    |
| Total                                   | 100.0      | 100.0 | 100.0 | 100.0      | 100.0  | 100.0  |
| <b>Rooms used for sleeping</b>          |            |       |       |            |        |        |
| One                                     | 16.7       | 8.8   | 11.2  | 9.7        | 5.6    | 6.6    |
| Two                                     | 48.3       | 41.9  | 43.8  | 44.2       | 36.2   | 38.3   |
| Three or more                           | 34.9       | 49.3  | 45.0  | 46.1       | 58.3   | 55.1   |
| Total                                   | 100.0      | 100.0 | 100.0 | 100.0      | 100.0  | 100.0  |
| <b>Frequency of smoking in the home</b> |            |       |       |            |        |        |
| Daily                                   | 8.1        | 4.8   | 5.8   | 8.1        | 4.8    | 5.7    |
| Weekly                                  | 4.8        | 4.1   | 4.3   | 4.4        | 4.2    | 4.2    |
| Monthly                                 | 1.2        | 2.0   | 1.8   | 1.1        | 2.1    | 1.8    |
| Less than once a month                  | 0.8        | 0.9   | 0.8   | 0.7        | 0.8    | 0.8    |
| Never                                   | 85.1       | 88.1  | 87.2  | 85.6       | 88.2   | 87.5   |
| Total                                   | 100.0      | 100.0 | 100.0 | 100.0      | 100.0  | 100.0  |
| Number of households/<br>population     | 2,393      | 5,642 | 8,035 | 11,813     | 33,480 | 45,294 |

**Table 2.2 Household characteristics: Cooking**

Percent distribution of households and de jure population by place for cooking, cooking technology, and cooking fuel, according to residence, Tajikistan DHS 2023

| Characteristic                                  | Households |       |       | Population |        |        |
|-------------------------------------------------|------------|-------|-------|------------|--------|--------|
|                                                 | Urban      | Rural | Total | Urban      | Rural  | Total  |
| <b>Place for cooking</b>                        |            |       |       |            |        |        |
| In the house                                    | 54.0       | 7.9   | 21.6  | 48.7       | 6.6    | 17.6   |
| Separate room/kitchen                           | 48.9       | 6.8   | 19.3  | 44.7       | 5.8    | 16.0   |
| No separate room/kitchen                        | 5.1        | 1.1   | 2.3   | 4.0        | 0.8    | 1.6    |
| In a separate building                          | 44.6       | 88.3  | 75.3  | 49.8       | 89.4   | 79.1   |
| Outdoors                                        | 1.3        | 3.7   | 3.0   | 1.5        | 3.9    | 3.2    |
| Other                                           | 0.0        | 0.1   | 0.1   | 0.0        | 0.1    | 0.1    |
| No food cooked in household                     | 0.1        | 0.0   | 0.0   | 0.0        | 0.0    | 0.0    |
| Total                                           | 100.0      | 100.0 | 100.0 | 100.0      | 100.0  | 100.0  |
| <b>Main cooking technology</b>                  |            |       |       |            |        |        |
| <b>Clean fuels and technologies</b>             | 97.7       | 83.8  | 87.9  | 97.0       | 81.8   | 85.8   |
| Electric stove                                  | 71.9       | 41.0  | 50.2  | 69.0       | 39.2   | 47.0   |
| LPG/natural gas stove                           | 23.2       | 38.6  | 34.1  | 25.2       | 38.7   | 35.2   |
| Piped natural gas stove                         | 0.4        | 1.4   | 1.1   | 0.4        | 1.5    | 1.2    |
| Biogas stove                                    | 2.2        | 2.7   | 2.6   | 2.3        | 2.4    | 2.4    |
| <b>Other fuels and technologies</b>             | 2.3        | 16.2  | 12.0  | 3.0        | 18.2   | 14.2   |
| Manufactured solid fuel stove <sup>1</sup>      | 0.0        | 0.1   | 0.1   | 0.0        | 0.1    | 0.1    |
| Traditional solid fuel stove                    | 1.0        | 7.1   | 5.2   | 1.3        | 7.5    | 5.9    |
| With a chimney                                  | 0.7        | 6.1   | 4.5   | 1.0        | 6.6    | 5.1    |
| Without a chimney                               | 0.3        | 0.9   | 0.7   | 0.3        | 1.0    | 0.8    |
| Three-stone stove/open fire                     | 1.3        | 7.5   | 5.6   | 1.6        | 8.5    | 6.7    |
| Other                                           | 0.0        | 1.6   | 1.1   | 0.1        | 2.0    | 1.5    |
| No food cooked in household                     | 0.1        | 0.0   | 0.0   | 0.0        | 0.0    | 0.0    |
| Total                                           | 100.0      | 100.0 | 100.0 | 100.0      | 100.0  | 100.0  |
| <b>Cooking fuel</b>                             |            |       |       |            |        |        |
| <b>Clean fuels and technologies<sup>2</sup></b> | 97.7       | 83.8  | 87.9  | 97.0       | 81.8   | 85.8   |
| <b>Solid fuels for cooking</b>                  | 2.3        | 16.1  | 12.0  | 3.0        | 18.1   | 14.2   |
| Wood                                            | 1.7        | 10.8  | 8.1   | 2.4        | 12.1   | 9.6    |
| Agricultural crop                               | 0.0        | 0.6   | 0.4   | 0.1        | 0.6    | 0.5    |
| Animal dung/waste                               | 0.4        | 4.4   | 3.2   | 0.5        | 4.9    | 3.8    |
| Other solid fuels <sup>3</sup>                  | 0.1        | 0.4   | 0.3   | 0.1        | 0.4    | 0.3    |
| <b>Other fuels</b>                              | 0.0        | 0.1   | 0.0   | 0.0        | 0.1    | 0.1    |
| Other                                           | 0.0        | 0.1   | 0.0   | 0.0        | 0.1    | 0.1    |
| No food cooked in household                     | 0.1        | 0.0   | 0.0   | 0.0        | 0.0    | 0.0    |
| Total                                           | 100.0      | 100.0 | 100.0 | 100.0      | 100.0  | 100.0  |
| Number of households/population                 | 2,393      | 5,642 | 8,035 | 11,813     | 33,480 | 45,294 |

LPG = Liquefied petroleum gas

<sup>1</sup> Includes manufactured solid fuel stoves with and without a chimney

<sup>2</sup> Includes stoves/cookers using electricity and LPG/natural gas/biogas

<sup>3</sup> Includes coal/lignite, charcoal, straw/shrubs/grass, and garbage/plastic



**Table 2.3 Household characteristics: Heating and lighting**

Percent distribution of households and de jure population by heating technology, heating fuel, and main lighting fuel or technology, according to residence, Tajikistan DHS 2023

| Characteristic                                  | Households |       |       | Population |        |        |
|-------------------------------------------------|------------|-------|-------|------------|--------|--------|
|                                                 | Urban      | Rural | Total | Urban      | Rural  | Total  |
| <b>Heating technology</b>                       |            |       |       |            |        |        |
| Central heating                                 | 19.3       | 0.2   | 5.9   | 18.0       | 0.2    | 4.8    |
| Air conditioner winter-summer                   | 4.1        | 0.3   | 1.4   | 4.1        | 0.3    | 1.3    |
| Manufactured space heater                       | 40.1       | 3.7   | 14.5  | 37.6       | 3.3    | 12.2   |
| With a chimney                                  | 4.9        | 0.6   | 1.9   | 4.2        | 0.5    | 1.5    |
| Without a chimney                               | 35.2       | 3.0   | 12.6  | 33.4       | 2.7    | 10.7   |
| Traditional space heater                        | 4.0        | 0.7   | 1.7   | 3.6        | 0.7    | 1.5    |
| With a chimney                                  | 0.8        | 0.4   | 0.6   | 0.9        | 0.5    | 0.6    |
| Without a chimney                               | 3.1        | 0.3   | 1.1   | 2.7        | 0.2    | 0.9    |
| Manufactured cookstove                          | 2.0        | 3.8   | 3.3   | 2.2        | 3.9    | 3.4    |
| With a chimney                                  | 1.7        | 3.8   | 3.2   | 1.9        | 3.9    | 3.4    |
| Without a chimney                               | 0.3        | 0.0   | 0.1   | 0.3        | 0.0    | 0.1    |
| Traditional cookstove                           | 29.4       | 90.4  | 72.3  | 33.2       | 90.7   | 75.7   |
| With a chimney                                  | 29.0       | 89.7  | 71.6  | 32.7       | 89.9   | 75.0   |
| Without a chimney                               | 0.4        | 0.7   | 0.7   | 0.5        | 0.8    | 0.7    |
| Three-stone stove/open fire                     | 0.5        | 0.5   | 0.5   | 0.6        | 0.6    | 0.6    |
| Other                                           | 0.5        | 0.4   | 0.4   | 0.5        | 0.4    | 0.5    |
| No heating in household                         | 0.1        | 0.0   | 0.0   | 0.1        | 0.0    | 0.0    |
| Total                                           | 100.0      | 100.0 | 100.0 | 100.0      | 100.0  | 100.0  |
| <b>Heating fuel</b>                             |            |       |       |            |        |        |
| Clean fuels and technologies <sup>1</sup>       | 66.7       | 5.6   | 23.8  | 62.8       | 5.0    | 20.0   |
| Central heating                                 | 1.8        | 0.2   | 0.6   | 1.5        | 0.2    | 0.5    |
| Air conditioner winter-summer                   | 4.1        | 0.3   | 1.4   | 4.1        | 0.3    | 1.3    |
| Electricity                                     | 43.2       | 5.0   | 16.4  | 40.4       | 4.5    | 13.8   |
| Thermo-electro-central                          | 17.5       | 0.0   | 5.2   | 16.5       | 0.0    | 4.3    |
| Other clean fuels and technologies <sup>2</sup> | 0.2        | 0.1   | 0.1   | 0.2        | 0.1    | 0.1    |
| Kerosene/paraffin                               | 1.4        | 0.1   | 0.5   | 1.0        | 0.1    | 0.3    |
| Coal/lignite                                    | 19.3       | 51.0  | 41.6  | 21.9       | 51.0   | 43.4   |
| Charcoal                                        | 1.2        | 4.3   | 3.4   | 1.4        | 4.0    | 3.3    |
| Wood                                            | 9.4        | 30.1  | 23.9  | 10.6       | 30.0   | 24.9   |
| Animal dung/waste                               | 1.7        | 8.7   | 6.6   | 2.0        | 9.5    | 7.6    |
| Other fuel <sup>3</sup>                         | 0.1        | 0.4   | 0.3   | 0.1        | 0.4    | 0.4    |
| No heating in household                         | 0.1        | 0.0   | 0.0   | 0.1        | 0.0    | 0.0    |
| Total                                           | 100.0      | 100.0 | 100.0 | 100.0      | 100.0  | 100.0  |
| <b>Main lighting fuel or technology</b>         |            |       |       |            |        |        |
| Clean fuels and technologies                    | 99.7       | 99.4  | 99.5  | 99.8       | 99.4   | 99.5   |
| Electricity                                     | 99.4       | 98.2  | 98.6  | 99.4       | 98.1   | 98.5   |
| Solar lantern                                   | 0.0        | 0.1   | 0.1   | 0.0        | 0.1    | 0.1    |
| Rechargeable flashlight/torch/lantern           | 0.1        | 0.2   | 0.2   | 0.1        | 0.2    | 0.2    |
| Battery-powered flashlight/torch/lantern        | 0.2        | 0.9   | 0.7   | 0.3        | 1.0    | 0.8    |
| Wood                                            | 0.2        | 0.3   | 0.3   | 0.1        | 0.4    | 0.3    |
| Other fuel <sup>4</sup>                         | 0.1        | 0.3   | 0.2   | 0.1        | 0.2    | 0.2    |
| Total                                           | 100.0      | 100.0 | 100.0 | 100.0      | 100.0  | 100.0  |
| Number of households/population                 | 2,393      | 5,642 | 8,035 | 11,813     | 33,480 | 45,294 |

<sup>1</sup> Includes central heating, thermo-electro-central, air conditioner winter-summer, electricity, piped natural gas, liquefied petroleum gas (LPG)/cooking gas, and biogas

<sup>2</sup> Includes piped natural gas, LPG/cooking gas, and biogas

<sup>3</sup> Includes straw/shrubs/grass, agricultural crop, sawdust, and any other fuels mentioned by the respondent

<sup>4</sup> Includes kerosene lamps, charcoal, agricultural crop, animal dung/waste, and other lighting fuels or technologies mentioned by the respondent

**Table 2.4 Primary reliance on clean fuels and technologies**

Percentage of de jure population relying on clean fuels and technologies for cooking, percentage relying on solid fuels for cooking, percentage relying on clean fuels and technologies for space heating, percentage relying on clean fuels and technologies for lighting, and percentage relying on clean fuels and technologies for cooking, space heating, and lighting, according to background characteristics, Tajikistan DHS 2023

| Background characteristic | Primary reliance on clean fuels and technologies for cooking <sup>1</sup> | Primary reliance on solid fuels for cooking <sup>2</sup> | Number of persons in households that reported cooking | Primary reliance on clean fuels and technologies for space heating <sup>3</sup> | Number of persons in households that reported use of space heating | Primary reliance on clean fuels and technologies for lighting <sup>4</sup> | Number of persons in households that reported use of lighting | Primary reliance on clean fuels and technologies for cooking, space heating, and lighting <sup>5</sup> | Number of persons |
|---------------------------|---------------------------------------------------------------------------|----------------------------------------------------------|-------------------------------------------------------|---------------------------------------------------------------------------------|--------------------------------------------------------------------|----------------------------------------------------------------------------|---------------------------------------------------------------|--------------------------------------------------------------------------------------------------------|-------------------|
| <b>Residence</b>          |                                                                           |                                                          |                                                       |                                                                                 |                                                                    |                                                                            |                                                               |                                                                                                        |                   |
| Urban                     | 97.0                                                                      | 3.0                                                      | 11,812                                                | 62.9                                                                            | 11,800                                                             | 99.8                                                                       | 11,813                                                        | 62.6                                                                                                   | 11,813            |
| Rural                     | 81.8                                                                      | 18.1                                                     | 33,478                                                | 5.0                                                                             | 33,480                                                             | 99.4                                                                       | 33,480                                                        | 4.4                                                                                                    | 33,480            |
| <b>Region</b>             |                                                                           |                                                          |                                                       |                                                                                 |                                                                    |                                                                            |                                                               |                                                                                                        |                   |
| Dushanbe                  | 99.9                                                                      | 0.1                                                      | 4,506                                                 | 88.1                                                                            | 4,506                                                              | 99.9                                                                       | 4,506                                                         | 88.0                                                                                                   | 4,506             |
| GBAO                      | 85.4                                                                      | 14.6                                                     | 810                                                   | 15.6                                                                            | 810                                                                | 99.6                                                                       | 810                                                           | 15.6                                                                                                   | 810               |
| Sughd                     | 76.9                                                                      | 22.9                                                     | 12,702                                                | 18.7                                                                            | 12,699                                                             | 99.5                                                                       | 12,706                                                        | 17.2                                                                                                   | 12,706            |
| DRS                       | 90.4                                                                      | 9.6                                                      | 10,677                                                | 10.7                                                                            | 10,670                                                             | 99.8                                                                       | 10,677                                                        | 10.5                                                                                                   | 10,677            |
| Khatlon                   | 85.8                                                                      | 14.2                                                     | 16,596                                                | 8.9                                                                             | 16,596                                                             | 99.2                                                                       | 16,596                                                        | 8.7                                                                                                    | 16,596            |
| <b>FTF districts</b>      | 76.4                                                                      | 23.6                                                     | 9,209                                                 | 3.8                                                                             | 9,209                                                              | 99.3                                                                       | 9,209                                                         | 3.8                                                                                                    | 9,209             |
| <b>Wealth quintile</b>    |                                                                           |                                                          |                                                       |                                                                                 |                                                                    |                                                                            |                                                               |                                                                                                        |                   |
| Lowest                    | 63.6                                                                      | 36.4                                                     | 9,054                                                 | 1.4                                                                             | 9,054                                                              | 99.1                                                                       | 9,054                                                         | 0.6                                                                                                    | 9,054             |
| Second                    | 80.4                                                                      | 19.4                                                     | 9,066                                                 | 1.6                                                                             | 9,067                                                              | 99.4                                                                       | 9,067                                                         | 1.4                                                                                                    | 9,067             |
| Middle                    | 89.3                                                                      | 10.7                                                     | 9,054                                                 | 2.8                                                                             | 9,057                                                              | 99.5                                                                       | 9,057                                                         | 2.1                                                                                                    | 9,057             |
| Fourth                    | 95.9                                                                      | 4.1                                                      | 9,058                                                 | 9.7                                                                             | 9,052                                                              | 99.6                                                                       | 9,058                                                         | 9.1                                                                                                    | 9,058             |
| Highest                   | 99.7                                                                      | 0.3                                                      | 9,056                                                 | 84.9                                                                            | 9,050                                                              | 99.9                                                                       | 9,056                                                         | 84.6                                                                                                   | 9,056             |
| <b>Total</b>              | 85.8                                                                      | 14.2                                                     | 45,290                                                | 20.0                                                                            | 45,281                                                             | 99.5                                                                       | 45,294                                                        | 19.5                                                                                                   | 45,294            |

<sup>1</sup> Includes stoves/cookers using electricity and liquefied petroleum gas (LPG)/natural gas/biogas

<sup>2</sup> Includes coal/lignite, charcoal, wood, straw/shrubs/grass, agricultural crops, animal dung/waste, garbage/plastic, and other solid fuels mentioned by the respondent

<sup>3</sup> Includes central heating, thermo-electro-central, air conditioner winter-summer, electricity, and LPG/natural gas/biogas

<sup>4</sup> Includes electricity, solar lantern, rechargeable flashlight/torch/lantern, and battery-powered flashlight/torch/lantern

<sup>5</sup> In order to calculate SDG indicator 7.1.2, persons living in households that report no cooking, no space heating, or no lighting are included in the numerator.

**Table 2.5 Household possessions**

Percentage of households possessing various household effects, means of transportation, agricultural land, and livestock/farm animals, according to residence, Tajikistan DHS 2023

| Possession                                                | Residence |       | Total |
|-----------------------------------------------------------|-----------|-------|-------|
|                                                           | Urban     | Rural |       |
| <b>Household effects</b>                                  |           |       |       |
| Radio                                                     | 12.3      | 7.7   | 9.1   |
| Television                                                | 98.4      | 97.8  | 98.0  |
| Mobile phone                                              | 97.4      | 95.5  | 96.0  |
| Non-mobile telephone                                      | 4.9       | 0.9   | 2.1   |
| Computer                                                  | 30.3      | 11.1  | 16.8  |
| Refrigerator                                              | 94.5      | 82.7  | 86.3  |
| Washing machine                                           | 78.5      | 52.4  | 60.2  |
| Vacuum cleaner                                            | 70.5      | 37.8  | 47.5  |
| Microwave                                                 | 40.5      | 12.4  | 20.7  |
| Video camera                                              | 4.6       | 1.4   | 2.3   |
| Table or hon-tohta                                        | 76.3      | 67.1  | 69.8  |
| Chair                                                     | 53.1      | 30.5  | 37.3  |
| Sofa                                                      | 69.7      | 50.4  | 56.1  |
| Bed                                                       | 58.2      | 44.0  | 48.2  |
| Wall unit, buffet, or curio cabinet                       | 89.0      | 84.2  | 85.6  |
| Air conditioner                                           | 58.6      | 28.7  | 37.6  |
| DVD player                                                | 24.7      | 22.7  | 23.3  |
| Satellite antenna or cable television                     | 76.9      | 71.1  | 72.8  |
| Freezer                                                   | 3.7       | 2.9   | 3.1   |
| Electric fan                                              | 38.3      | 54.4  | 49.6  |
| Sewing machine                                            | 49.8      | 65.6  | 60.9  |
| Indoor heater                                             | 51.2      | 44.7  | 46.7  |
| Mini-generator                                            | 2.1       | 4.2   | 3.6   |
| Fuel or wood stock                                        | 42.2      | 94.1  | 78.7  |
| Carpet                                                    | 99.0      | 97.7  | 98.1  |
| Connection to the internet                                | 41.7      | 35.2  | 37.1  |
| Dishwashing machine                                       | 1.5       | 0.8   | 1.0   |
| Clothes dryer machine                                     | 2.2       | 1.0   | 1.4   |
| Electric water heater                                     | 76.7      | 34.0  | 46.8  |
| <b>Means of transportation</b>                            |           |       |       |
| Bicycle                                                   | 31.3      | 49.7  | 44.2  |
| Animal-drawn cart                                         | 7.2       | 21.7  | 17.4  |
| Motorcycle/scooter                                        | 2.6       | 5.4   | 4.5   |
| Car/truck                                                 | 35.5      | 43.2  | 40.9  |
| Boat with a motor                                         | 0.1       | 0.2   | 0.2   |
| Tractor                                                   | 0.3       | 1.8   | 1.3   |
| Combine-harvester                                         | 0.1       | 0.2   | 0.2   |
| Agricultural equipment (plow, trailer, mower, or similar) | 1.4       | 2.4   | 2.1   |
| <b>Use of agricultural land</b>                           | 10.3      | 53.6  | 40.7  |
| <b>Ownership of farm animals<sup>1</sup></b>              | 11.6      | 60.5  | 45.9  |
| Number of households                                      | 2,393     | 5,642 | 8,035 |

<sup>1</sup> Cows, bulls, other cattle, horses, donkeys, mules, goats, sheep, chickens or other poultry, rabbits, fur animals, or beehives

**Table 2.6 Wealth quintiles**

Percent distribution of the de jure population by wealth quintiles, and the Gini coefficient, according to residence and region, Tajikistan DHS 2023

| Residence/region     | Wealth quintile |        |        |        |         | Total | Number of persons | Gini coefficient <sup>1</sup> |
|----------------------|-----------------|--------|--------|--------|---------|-------|-------------------|-------------------------------|
|                      | Lowest          | Second | Middle | Fourth | Highest |       |                   |                               |
| <b>Residence</b>     |                 |        |        |        |         |       |                   |                               |
| Urban                | 5.6             | 6.0    | 8.3    | 14.7   | 65.4    | 100.0 | 11,813            | 0.25                          |
| Rural                | 25.1            | 25.0   | 24.1   | 21.9   | 4.0     | 100.0 | 33,480            | 0.19                          |
| <b>Region</b>        |                 |        |        |        |         |       |                   |                               |
| Dushanbe             | 0.3             | 0.1    | 1.0    | 7.1    | 91.4    | 100.0 | 4,506             | 0.17                          |
| GBAO                 | 36.3            | 23.7   | 16.1   | 9.8    | 14.0    | 100.0 | 810               | 0.37                          |
| Sughd                | 12.0            | 20.1   | 21.2   | 26.9   | 19.8    | 100.0 | 12,706            | 0.31                          |
| DRS                  | 19.7            | 18.0   | 24.3   | 27.9   | 10.1    | 100.0 | 10,677            | 0.25                          |
| Khatlon              | 30.8            | 26.5   | 21.7   | 13.6   | 7.4     | 100.0 | 16,596            | 0.28                          |
| <b>FTF districts</b> | 29.8            | 27.8   | 24.6   | 14.2   | 3.7     | 100.0 | 9,209             | 0.21                          |
| Total                | 20.0            | 20.0   | 20.0   | 20.0   | 20.0    | 100.0 | 45,294            | 0.32                          |

<sup>1</sup> The Gini coefficient indicates the level of concentration of wealth, with 0 representing an equal wealth distribution and 1 representing a totally unequal distribution.

**Table 2.7 Household population by age, sex, and residence**

Percent distributions of the de facto household population by various age groups and percentage of the de facto household population age 10–19, according to sex and residence, Tajikistan DHS 2023

| Age                                | Urban |        |        | Rural  |        |        | Male   | Female | Total  |
|------------------------------------|-------|--------|--------|--------|--------|--------|--------|--------|--------|
|                                    | Male  | Female | Total  | Male   | Female | Total  |        |        |        |
| <5                                 | 13.3  | 10.8   | 12.0   | 14.6   | 11.7   | 13.1   | 14.3   | 11.5   | 12.8   |
| 5–9                                | 13.8  | 11.8   | 12.7   | 15.7   | 13.1   | 14.3   | 15.2   | 12.7   | 13.9   |
| 10–14                              | 13.2  | 10.8   | 11.9   | 13.6   | 10.9   | 12.2   | 13.5   | 10.9   | 12.1   |
| 15–19                              | 8.8   | 8.3    | 8.6    | 8.8    | 8.0    | 8.4    | 8.8    | 8.1    | 8.4    |
| 20–24                              | 5.7   | 7.5    | 6.6    | 5.0    | 7.7    | 6.4    | 5.2    | 7.6    | 6.5    |
| 25–29                              | 6.2   | 7.1    | 6.7    | 5.4    | 7.3    | 6.4    | 5.6    | 7.3    | 6.5    |
| 30–34                              | 6.6   | 7.1    | 6.9    | 5.6    | 7.4    | 6.5    | 5.9    | 7.3    | 6.6    |
| 35–39                              | 5.8   | 7.3    | 6.6    | 5.3    | 6.4    | 5.9    | 5.4    | 6.7    | 6.1    |
| 40–44                              | 4.9   | 5.3    | 5.1    | 3.9    | 5.1    | 4.5    | 4.1    | 5.1    | 4.7    |
| 45–49                              | 4.2   | 4.3    | 4.2    | 4.1    | 4.2    | 4.2    | 4.1    | 4.2    | 4.2    |
| 50–54                              | 4.5   | 5.7    | 5.1    | 4.3    | 5.2    | 4.8    | 4.4    | 5.4    | 4.9    |
| 55–59                              | 4.0   | 4.8    | 4.4    | 4.1    | 4.3    | 4.2    | 4.1    | 4.5    | 4.3    |
| 60–64                              | 4.1   | 4.2    | 4.1    | 4.0    | 3.6    | 3.8    | 4.0    | 3.8    | 3.9    |
| 65–69                              | 2.3   | 2.3    | 2.3    | 2.5    | 2.5    | 2.5    | 2.4    | 2.4    | 2.4    |
| 70–74                              | 1.5   | 1.4    | 1.4    | 1.8    | 1.4    | 1.6    | 1.7    | 1.4    | 1.6    |
| 75–79                              | 0.5   | 0.7    | 0.6    | 0.6    | 0.5    | 0.5    | 0.6    | 0.5    | 0.5    |
| 80+                                | 0.6   | 0.6    | 0.6    | 0.7    | 0.6    | 0.7    | 0.7    | 0.6    | 0.6    |
| Total                              | 100.0 | 100.0  | 100.0  | 100.0  | 100.0  | 100.0  | 100.0  | 100.0  | 100.0  |
| <b>Dependency age groups</b>       |       |        |        |        |        |        |        |        |        |
| 0–14                               | 40.3  | 33.5   | 36.7   | 44.0   | 35.7   | 39.6   | 43.0   | 35.1   | 38.8   |
| 15–64                              | 54.8  | 61.6   | 58.5   | 50.4   | 59.3   | 55.1   | 51.6   | 59.9   | 56.0   |
| 65+                                | 4.8   | 4.9    | 4.9    | 5.6    | 5.0    | 5.3    | 5.4    | 5.0    | 5.2    |
| Total                              | 100.0 | 100.0  | 100.0  | 100.0  | 100.0  | 100.0  | 100.0  | 100.0  | 100.0  |
| <b>Child and adult populations</b> |       |        |        |        |        |        |        |        |        |
| 0–17                               | 46.6  | 38.4   | 42.2   | 50.5   | 40.8   | 45.4   | 49.4   | 40.2   | 44.5   |
| 18+                                | 53.4  | 61.6   | 57.8   | 49.5   | 59.2   | 54.6   | 50.6   | 59.8   | 55.5   |
| Total                              | 100.0 | 100.0  | 100.0  | 100.0  | 100.0  | 100.0  | 100.0  | 100.0  | 100.0  |
| Adolescents 10–19                  | 22.0  | 19.2   | 20.5   | 22.4   | 18.9   | 20.5   | 22.3   | 19.0   | 20.5   |
| Number of persons                  | 5,237 | 6,057  | 11,294 | 14,534 | 16,393 | 30,927 | 19,771 | 22,449 | 42,221 |

**Table 2.8 Household composition**

Percent distribution of households by sex of head of household and by household size, mean size of households, and percentage of households with orphans and children under age 18 not living with a biological parent, according to residence, Tajikistan DHS 2023

| Characteristic                                                                                                    | Residence |       | Total |
|-------------------------------------------------------------------------------------------------------------------|-----------|-------|-------|
|                                                                                                                   | Urban     | Rural |       |
| <b>Household headship</b>                                                                                         |           |       |       |
| Male                                                                                                              | 70.8      | 84.2  | 80.2  |
| Female                                                                                                            | 29.2      | 15.8  | 19.8  |
| Total                                                                                                             | 100.0     | 100.0 | 100.0 |
| <b>Number of usual members</b>                                                                                    |           |       |       |
| 0                                                                                                                 | 0.2       | 0.0   | 0.1   |
| 1                                                                                                                 | 4.9       | 1.3   | 2.4   |
| 2                                                                                                                 | 10.2      | 4.8   | 6.4   |
| 3                                                                                                                 | 11.9      | 7.7   | 8.9   |
| 4                                                                                                                 | 16.8      | 12.6  | 13.9  |
| 5                                                                                                                 | 19.0      | 20.9  | 20.3  |
| 6                                                                                                                 | 16.1      | 19.3  | 18.4  |
| 7                                                                                                                 | 9.8       | 14.2  | 12.9  |
| 8                                                                                                                 | 4.7       | 7.6   | 6.7   |
| 9+                                                                                                                | 6.4       | 11.5  | 10.0  |
| Total                                                                                                             | 100.0     | 100.0 | 100.0 |
| Mean size of households                                                                                           | 4.9       | 5.9   | 5.6   |
| <b>Percentage of households with children under age 18 who are orphans or not living with a biological parent</b> |           |       |       |
| Double orphans                                                                                                    | 0.1       | 0.2   | 0.2   |
| Single orphans <sup>1</sup>                                                                                       | 3.9       | 2.5   | 2.9   |
| Children not living with a biological parent <sup>2</sup>                                                         | 3.1       | 2.4   | 2.6   |
| Orphans and/or children not living with a biological parent                                                       | 6.5       | 4.6   | 5.2   |
| Number of households                                                                                              | 2,393     | 5,642 | 8,035 |

Note: Table is based on de jure household members, i.e., usual residents.

<sup>1</sup> Includes children with one dead parent and an unknown survival status of the other parent

<sup>2</sup> Children not living with a biological parent are those under age 18 living in households with neither their mother nor their father present.

**Table 2.9 Children's living arrangements and orphanhood**

Percent distribution of de jure children under age 18 by living arrangements and survival status of parents, percentage of children not living with a biological parent, and percentage of children with one or both parents dead, according to background characteristics, Tajikistan DHS 2023

| Background characteristic | Living with mother but not with father |              | Living with father but not with mother |              | Not living with either parent |            |                   |                   |           |                                      | Total | Percent-age not living with a biological parent | Percent-age with one or both parents dead <sup>1</sup> | Number of children |
|---------------------------|----------------------------------------|--------------|----------------------------------------|--------------|-------------------------------|------------|-------------------|-------------------|-----------|--------------------------------------|-------|-------------------------------------------------|--------------------------------------------------------|--------------------|
|                           | Living with both parents               | Father alive | Father dead                            | Mother alive | Mother dead                   | Both alive | Only mother alive | Only father alive | Both dead | Missing information on father/mother |       |                                                 |                                                        |                    |
|                           |                                        |              |                                        |              |                               |            |                   |                   |           |                                      |       |                                                 |                                                        |                    |
| <b>Age</b>                |                                        |              |                                        |              |                               |            |                   |                   |           |                                      |       |                                                 |                                                        |                    |
| 0–4                       | 91.4                                   | 6.6          | 0.7                                    | 0.4          | 0.1                           | 0.6        | 0.1               | 0.0               | 0.1       | 0.0                                  | 100.0 | 0.8                                             | 1.0                                                    | 5,364              |
| <2                        | 91.1                                   | 7.3          | 0.6                                    | 0.4          | 0.1                           | 0.5        | 0.0               | 0.0               | 0.0       | 0.0                                  | 100.0 | 0.5                                             | 0.6                                                    | 2,221              |
| 2–4                       | 91.6                                   | 6.1          | 0.8                                    | 0.4          | 0.1                           | 0.7        | 0.1               | 0.0               | 0.1       | 0.0                                  | 100.0 | 1.0                                             | 1.2                                                    | 3,143              |
| 5–9                       | 89.3                                   | 7.1          | 1.2                                    | 0.8          | 0.2                           | 1.1        | 0.1               | 0.0               | 0.0       | 0.1                                  | 100.0 | 1.3                                             | 1.6                                                    | 5,841              |
| 10–14                     | 86.9                                   | 7.3          | 2.1                                    | 1.1          | 0.5                           | 1.8        | 0.1               | 0.1               | 0.1       | 0.1                                  | 100.0 | 2.1                                             | 2.9                                                    | 5,109              |
| 15–17                     | 84.3                                   | 6.4          | 3.7                                    | 1.7          | 0.6                           | 2.4        | 0.5               | 0.2               | 0.2       | 0.1                                  | 100.0 | 3.2                                             | 5.1                                                    | 2,477              |
| <b>Sex</b>                |                                        |              |                                        |              |                               |            |                   |                   |           |                                      |       |                                                 |                                                        |                    |
| Male                      | 88.8                                   | 6.7          | 1.6                                    | 1.0          | 0.4                           | 1.2        | 0.2               | 0.0               | 0.1       | 0.1                                  | 100.0 | 1.5                                             | 2.3                                                    | 9,803              |
| Female                    | 88.4                                   | 7.1          | 1.7                                    | 0.8          | 0.2                           | 1.5        | 0.1               | 0.1               | 0.1       | 0.1                                  | 100.0 | 1.8                                             | 2.2                                                    | 8,988              |
| <b>Residence</b>          |                                        |              |                                        |              |                               |            |                   |                   |           |                                      |       |                                                 |                                                        |                    |
| Urban                     | 83.3                                   | 10.3         | 2.5                                    | 1.1          | 0.4                           | 1.9        | 0.1               | 0.1               | 0.1       | 0.1                                  | 100.0 | 2.2                                             | 3.2                                                    | 4,755              |
| Rural                     | 90.4                                   | 5.7          | 1.3                                    | 0.8          | 0.3                           | 1.1        | 0.2               | 0.1               | 0.1       | 0.0                                  | 100.0 | 1.4                                             | 1.9                                                    | 14,036             |
| <b>Region</b>             |                                        |              |                                        |              |                               |            |                   |                   |           |                                      |       |                                                 |                                                        |                    |
| Dushanbe                  | 81.9                                   | 12.3         | 2.4                                    | 0.9          | 0.4                           | 1.6        | 0.2               | 0.1               | 0.0       | 0.2                                  | 100.0 | 2.0                                             | 3.1                                                    | 1,855              |
| GBAO                      | 76.0                                   | 10.8         | 1.9                                    | 3.5          | 0.5                           | 6.5        | 0.2               | 0.3               | 0.1       | 0.2                                  | 100.0 | 7.1                                             | 3.1                                                    | 294                |
| Sughd                     | 90.0                                   | 5.7          | 1.5                                    | 1.0          | 0.3                           | 1.3        | 0.1               | 0.1               | 0.0       | 0.0                                  | 100.0 | 1.5                                             | 2.0                                                    | 4,891              |
| DRS                       | 86.5                                   | 9.5          | 1.6                                    | 0.8          | 0.1                           | 1.1        | 0.2               | 0.2               | 0.0       | 0.1                                  | 100.0 | 1.5                                             | 2.1                                                    | 4,642              |
| Khatlon                   | 91.2                                   | 4.5          | 1.5                                    | 0.8          | 0.5                           | 1.2        | 0.2               | 0.0               | 0.1       | 0.0                                  | 100.0 | 1.5                                             | 2.3                                                    | 7,109              |
| <b>FTF districts</b>      | 92.1                                   | 4.5          | 1.0                                    | 0.8          | 0.4                           | 0.9        | 0.2               | 0.0               | 0.0       | 0.0                                  | 100.0 | 1.1                                             | 1.7                                                    | 4,053              |
| <b>Wealth quintile</b>    |                                        |              |                                        |              |                               |            |                   |                   |           |                                      |       |                                                 |                                                        |                    |
| Lowest                    | 89.6                                   | 5.7          | 1.8                                    | 0.9          | 0.5                           | 1.0        | 0.3               | 0.1               | 0.2       | 0.0                                  | 100.0 | 1.6                                             | 2.9                                                    | 4,071              |
| Second                    | 89.0                                   | 6.2          | 1.7                                    | 1.1          | 0.3                           | 1.3        | 0.1               | 0.1               | 0.0       | 0.0                                  | 100.0 | 1.6                                             | 2.3                                                    | 3,824              |
| Middle                    | 90.4                                   | 6.0          | 0.8                                    | 0.8          | 0.2                           | 1.6        | 0.1               | 0.1               | 0.1       | 0.0                                  | 100.0 | 1.8                                             | 1.2                                                    | 3,648              |
| Fourth                    | 90.6                                   | 6.1          | 1.1                                    | 0.8          | 0.2                           | 0.9        | 0.1               | 0.0               | 0.0       | 0.1                                  | 100.0 | 1.1                                             | 1.4                                                    | 3,634              |
| Highest                   | 83.2                                   | 10.6         | 2.7                                    | 1.0          | 0.3                           | 1.8        | 0.1               | 0.1               | 0.1       | 0.1                                  | 100.0 | 2.1                                             | 3.3                                                    | 3,614              |
| Total <15                 | 89.3                                   | 7.0          | 1.3                                    | 0.8          | 0.3                           | 1.2        | 0.1               | 0.1               | 0.1       | 0.0                                  | 100.0 | 1.4                                             | 1.8                                                    | 16,314             |
| Total <18                 | 88.6                                   | 6.9          | 1.6                                    | 0.9          | 0.3                           | 1.3        | 0.2               | 0.1               | 0.1       | 0.1                                  | 100.0 | 1.6                                             | 2.2                                                    | 18,791             |

Note: Table is based on de jure members, i.e., usual residents.

<sup>1</sup> Includes children with father dead, mother dead, both dead, and one parent dead but missing information on survival status of the other parent

**Table 2.10 Birth registration of children under age 5**

Percentage of de jure children under age 5 whose births are registered with the civil authorities, according to background characteristics, Tajikistan DHS 2023

| Background characteristic | Percentage of children whose births are registered and who: |                                  | Total percentage of children whose births are registered | Number of children |
|---------------------------|-------------------------------------------------------------|----------------------------------|----------------------------------------------------------|--------------------|
|                           | Had a birth certificate                                     | Did not have a birth certificate |                                                          |                    |
| <b>Age</b>                |                                                             |                                  |                                                          |                    |
| <1                        | 84.3                                                        | 7.2                              | 91.5                                                     | 1,186              |
| 1–4                       | 96.2                                                        | 2.1                              | 98.3                                                     | 4,178              |
| <b>Sex</b>                |                                                             |                                  |                                                          |                    |
| Male                      | 93.1                                                        | 3.3                              | 96.4                                                     | 2,811              |
| Female                    | 94.0                                                        | 3.1                              | 97.2                                                     | 2,553              |
| <b>Residence</b>          |                                                             |                                  |                                                          |                    |
| Urban                     | 91.5                                                        | 5.1                              | 96.6                                                     | 1,335              |
| Rural                     | 94.2                                                        | 2.6                              | 96.9                                                     | 4,029              |
| <b>Region</b>             |                                                             |                                  |                                                          |                    |
| Dushanbe                  | 89.4                                                        | 7.4                              | 96.8                                                     | 541                |
| GBAO                      | 97.0                                                        | 1.3                              | 98.3                                                     | 78                 |
| Sughd                     | 97.0                                                        | 1.4                              | 98.4                                                     | 1,455              |
| DRS                       | 89.1                                                        | 4.8                              | 94.0                                                     | 1,269              |
| Khatlon                   | 94.8                                                        | 2.6                              | 97.4                                                     | 2,022              |
| <b>FTF districts</b>      | 96.2                                                        | 1.7                              | 97.9                                                     | 1,268              |
| <b>Wealth quintile</b>    |                                                             |                                  |                                                          |                    |
| Lowest                    | 92.9                                                        | 3.1                              | 96.0                                                     | 1,084              |
| Second                    | 92.6                                                        | 2.5                              | 95.1                                                     | 1,090              |
| Middle                    | 94.3                                                        | 3.1                              | 97.5                                                     | 1,085              |
| Fourth                    | 96.3                                                        | 2.4                              | 98.7                                                     | 1,091              |
| Highest                   | 91.5                                                        | 5.2                              | 96.7                                                     | 1,014              |
| <b>Total</b>              | 93.6                                                        | 3.2                              | 96.8                                                     | 5,364              |

**Table 2.11.1 Educational attainment of the female household population**

Percent distribution of the de facto female household population age 6 and over by highest level of schooling attended or completed and median years completed, according to background characteristics, Tajikistan DHS 2023

| Background characteristic | No education | Some primary | Completed primary <sup>1</sup> | Some secondary <sup>2</sup> | Completed secondary <sup>3</sup> | Professional primary | Professional middle | Higher | Graduate | Don't know | Total | Number | Median years completed |
|---------------------------|--------------|--------------|--------------------------------|-----------------------------|----------------------------------|----------------------|---------------------|--------|----------|------------|-------|--------|------------------------|
| <b>Age</b>                |              |              |                                |                             |                                  |                      |                     |        |          |            |       |        |                        |
| 6–9                       | 39.5         | 59.6         | 0.5                            | 0.3                         | 0.1                              | 0.0                  | 0.1                 | 0.0    | 0.0      | 0.0        | 100.0 | 2,335  | 0.4                    |
| 10–14                     | 0.7          | 13.3         | 18.7                           | 67.3                        | 0.0                              | 0.0                  | 0.0                 | 0.0    | 0.0      | 0.0        | 100.0 | 2,447  | 4.9                    |
| 15–19                     | 0.4          | 0.7          | 0.3                            | 55.6                        | 29.8                             | 1.6                  | 5.9                 | 5.8    | 0.0      | 0.0        | 100.0 | 1,810  | 9.1                    |
| 20–24                     | 1.3          | 0.9          | 1.2                            | 18.6                        | 47.3                             | 1.6                  | 11.6                | 17.5   | 0.2      | 0.0        | 100.0 | 1,709  | 10.6                   |
| 25–29                     | 1.5          | 1.1          | 1.3                            | 29.6                        | 44.4                             | 0.9                  | 7.9                 | 13.4   | 0.0      | 0.0        | 100.0 | 1,631  | 10.4                   |
| 30–34                     | 1.9          | 1.7          | 2.6                            | 35.9                        | 39.6                             | 1.5                  | 5.5                 | 11.0   | 0.3      | 0.0        | 100.0 | 1,639  | 10.2                   |
| 35–39                     | 1.6          | 3.6          | 3.5                            | 38.3                        | 36.6                             | 0.8                  | 4.7                 | 10.8   | 0.1      | 0.0        | 100.0 | 1,499  | 10.0                   |
| 40–44                     | 0.9          | 2.1          | 1.3                            | 36.4                        | 41.7                             | 1.3                  | 5.0                 | 11.1   | 0.0      | 0.0        | 100.0 | 1,152  | 10.1                   |
| 45–49                     | 0.3          | 1.4          | 0.3                            | 23.2                        | 57.1                             | 1.8                  | 5.4                 | 10.3   | 0.2      | 0.0        | 100.0 | 953    | 10.1                   |
| 50–54                     | 0.9          | 1.4          | 0.3                            | 13.4                        | 68.8                             | 2.0                  | 5.4                 | 8.0    | 0.0      | 0.0        | 100.0 | 1,204  | 9.6                    |
| 55–59                     | 0.5          | 0.9          | 0.3                            | 13.6                        | 70.6                             | 1.4                  | 4.7                 | 7.8    | 0.1      | 0.0        | 100.0 | 1,000  | 9.5                    |
| 60–64                     | 1.7          | 1.1          | 0.5                            | 17.6                        | 65.8                             | 1.9                  | 4.5                 | 7.0    | 0.0      | 0.0        | 100.0 | 850    | 9.5                    |
| 65+                       | 2.7          | 3.0          | 3.1                            | 29.0                        | 49.7                             | 1.3                  | 3.1                 | 7.8    | 0.0      | 0.1        | 100.0 | 1,114  | 9.3                    |
| <b>Residence</b>          |              |              |                                |                             |                                  |                      |                     |        |          |            |       |        |                        |
| Urban                     | 5.1          | 9.6          | 3.3                            | 29.3                        | 29.1                             | 1.5                  | 6.8                 | 15.1   | 0.2      | 0.0        | 100.0 | 5,258  | 9.3                    |
| Rural                     | 6.1          | 10.3         | 3.6                            | 31.9                        | 38.4                             | 0.9                  | 3.8                 | 5.1    | 0.0      | 0.0        | 100.0 | 14,086 | 9.0                    |
| <b>Region</b>             |              |              |                                |                             |                                  |                      |                     |        |          |            |       |        |                        |
| Dushanbe                  | 4.3          | 9.9          | 3.6                            | 28.6                        | 25.7                             | 1.0                  | 6.4                 | 20.4   | 0.2      | 0.0        | 100.0 | 2,000  | 9.4                    |
| GBAO                      | 4.3          | 7.5          | 2.2                            | 19.8                        | 35.4                             | 4.1                  | 7.7                 | 19.0   | 0.1      | 0.0        | 100.0 | 356    | 9.9                    |
| Sughd                     | 5.7          | 9.1          | 2.8                            | 25.4                        | 42.1                             | 2.0                  | 4.8                 | 8.0    | 0.1      | 0.0        | 100.0 | 5,500  | 9.4                    |
| DRS                       | 7.3          | 11.3         | 3.8                            | 41.6                        | 26.4                             | 0.6                  | 4.3                 | 4.7    | 0.0      | 0.0        | 100.0 | 4,586  | 8.4                    |
| Khatlon                   | 5.3          | 10.3         | 4.0                            | 30.2                        | 40.2                             | 0.5                  | 4.0                 | 5.5    | 0.0      | 0.0        | 100.0 | 6,902  | 9.1                    |
| <b>FTF districts</b>      | 5.5          | 10.6         | 4.4                            | 29.3                        | 44.1                             | 0.5                  | 2.6                 | 3.0    | 0.0      | 0.0        | 100.0 | 3,753  | 9.1                    |
| <b>Wealth quintile</b>    |              |              |                                |                             |                                  |                      |                     |        |          |            |       |        |                        |
| Lowest                    | 7.2          | 11.9         | 4.3                            | 36.5                        | 35.7                             | 0.4                  | 1.8                 | 2.1    | 0.0      | 0.0        | 100.0 | 3,763  | 8.5                    |
| Second                    | 6.2          | 10.5         | 3.6                            | 32.2                        | 39.4                             | 0.9                  | 3.6                 | 3.5    | 0.0      | 0.0        | 100.0 | 3,885  | 8.9                    |
| Middle                    | 6.0          | 9.5          | 3.3                            | 31.2                        | 39.5                             | 0.9                  | 4.0                 | 5.5    | 0.0      | 0.0        | 100.0 | 3,802  | 9.1                    |
| Fourth                    | 5.2          | 9.4          | 3.3                            | 29.4                        | 36.9                             | 1.6                  | 5.7                 | 8.5    | 0.0      | 0.0        | 100.0 | 3,834  | 9.2                    |
| Highest                   | 4.5          | 9.2          | 3.0                            | 26.9                        | 28.4                             | 1.5                  | 7.6                 | 18.7   | 0.2      | 0.0        | 100.0 | 4,060  | 9.6                    |
| <b>Total<sup>4</sup></b>  | 5.8          | 10.1         | 3.5                            | 31.2                        | 35.9                             | 1.1                  | 4.6                 | 7.8    | 0.1      | 0.0        | 100.0 | 19,344 | 9.0                    |

<sup>1</sup> Completed grade 4 at the primary level

<sup>2</sup> Attended or completed the general basic level (grades 5–9) and attended but did not complete the general secondary level (grades 10–11)

<sup>3</sup> Completed grade 11 at the secondary level or completed grade 10 at the secondary level and has a general education school diploma

<sup>4</sup> Total includes 2 women with missing or unknown age.



**Table 2.11.2 Educational attainment of the male household population**

Percent distribution of the de facto male household population age 6 and over by highest level of schooling attended or completed and median years completed, according to background characteristics, Tajikistan DHS 2023

| Background characteristic | No education | Some primary | Completed primary <sup>1</sup> | Some secondary <sup>2</sup> | Completed secondary <sup>3</sup> | Professional primary | Professional middle | Higher | Graduate | Don't know | Total | Number | Median years completed |
|---------------------------|--------------|--------------|--------------------------------|-----------------------------|----------------------------------|----------------------|---------------------|--------|----------|------------|-------|--------|------------------------|
| <b>Age</b>                |              |              |                                |                             |                                  |                      |                     |        |          |            |       |        |                        |
| 6–9                       | 39.8         | 59.1         | 0.7                            | 0.4                         | 0.0                              | 0.0                  | 0.0                 | 0.0    | 0.0      | 0.0        | 100.0 | 2,420  | 0.4                    |
| 10–14                     | 0.7          | 15.7         | 19.4                           | 64.1                        | 0.2                              | 0.0                  | 0.0                 | 0.0    | 0.0      | 0.0        | 100.0 | 2,674  | 4.7                    |
| 15–19                     | 0.4          | 0.8          | 0.0                            | 57.4                        | 32.6                             | 1.2                  | 1.8                 | 5.8    | 0.0      | 0.0        | 100.0 | 1,740  | 9.2                    |
| 20–24                     | 1.1          | 1.1          | 0.4                            | 6.3                         | 46.2                             | 2.5                  | 6.3                 | 35.6   | 0.6      | 0.0        | 100.0 | 1,025  | 10.9                   |
| 25–29                     | 0.4          | 0.7          | 0.7                            | 9.0                         | 46.9                             | 2.6                  | 5.6                 | 33.6   | 0.4      | 0.1        | 100.0 | 1,116  | 10.8                   |
| 30–34                     | 0.6          | 0.5          | 0.1                            | 17.9                        | 43.9                             | 2.3                  | 5.4                 | 28.6   | 0.6      | 0.0        | 100.0 | 1,158  | 10.7                   |
| 35–39                     | 0.8          | 1.2          | 1.3                            | 15.3                        | 47.9                             | 2.1                  | 2.9                 | 27.9   | 0.5      | 0.2        | 100.0 | 1,068  | 10.6                   |
| 40–44                     | 0.8          | 1.6          | 1.3                            | 12.4                        | 50.9                             | 2.3                  | 2.9                 | 27.8   | 0.1      | 0.0        | 100.0 | 819    | 10.6                   |
| 45–49                     | 0.7          | 1.0          | 0.0                            | 9.7                         | 54.3                             | 3.6                  | 5.4                 | 25.1   | 0.2      | 0.0        | 100.0 | 811    | 10.6                   |
| 50–54                     | 0.1          | 1.1          | 0.0                            | 7.8                         | 57.3                             | 4.4                  | 7.7                 | 21.3   | 0.2      | 0.1        | 100.0 | 861    | 9.9                    |
| 55–59                     | 0.0          | 0.6          | 0.0                            | 5.0                         | 58.1                             | 7.4                  | 9.7                 | 19.2   | 0.0      | 0.0        | 100.0 | 810    | 9.8                    |
| 60–64                     | 0.4          | 1.2          | 0.4                            | 7.4                         | 56.3                             | 7.5                  | 8.9                 | 17.9   | 0.1      | 0.0        | 100.0 | 793    | 9.8                    |
| 65+                       | 0.5          | 1.7          | 0.8                            | 14.5                        | 46.7                             | 6.1                  | 6.5                 | 22.5   | 0.6      | 0.1        | 100.0 | 1,070  | 9.7                    |
| <b>Residence</b>          |              |              |                                |                             |                                  |                      |                     |        |          |            |       |        |                        |
| Urban                     | 5.5          | 11.3         | 3.4                            | 21.6                        | 26.0                             | 2.5                  | 3.6                 | 25.7   | 0.4      | 0.0        | 100.0 | 4,408  | 9.8                    |
| Rural                     | 6.7          | 12.3         | 3.6                            | 23.5                        | 35.2                             | 2.4                  | 3.7                 | 12.5   | 0.1      | 0.0        | 100.0 | 11,957 | 9.3                    |
| <b>Region</b>             |              |              |                                |                             |                                  |                      |                     |        |          |            |       |        |                        |
| Dushanbe                  | 5.4          | 11.6         | 3.2                            | 20.3                        | 19.6                             | 1.7                  | 3.1                 | 34.6   | 0.4      | 0.0        | 100.0 | 1,744  | 10.1                   |
| GBO                       | 5.4          | 8.9          | 3.3                            | 16.9                        | 27.9                             | 7.9                  | 7.7                 | 21.9   | 0.0      | 0.0        | 100.0 | 315    | 10.3                   |
| Sughd                     | 5.3          | 12.0         | 3.4                            | 23.9                        | 33.0                             | 4.2                  | 3.7                 | 14.2   | 0.2      | 0.0        | 100.0 | 4,337  | 9.4                    |
| DRS                       | 7.4          | 11.8         | 3.5                            | 25.3                        | 30.9                             | 1.8                  | 4.5                 | 14.6   | 0.2      | 0.1        | 100.0 | 4,017  | 9.2                    |
| Khatlon                   | 6.7          | 12.4         | 3.9                            | 21.9                        | 37.9                             | 1.4                  | 3.1                 | 12.6   | 0.2      | 0.0        | 100.0 | 5,953  | 9.4                    |
| <b>FTF districts</b>      | 7.6          | 12.9         | 3.6                            | 21.0                        | 42.6                             | 1.2                  | 2.7                 | 8.3    | 0.1      | 0.0        | 100.0 | 3,200  | 9.4                    |
| <b>Wealth quintile</b>    |              |              |                                |                             |                                  |                      |                     |        |          |            |       |        |                        |
| Lowest                    | 8.0          | 13.3         | 4.1                            | 27.6                        | 35.5                             | 1.8                  | 3.0                 | 6.8    | 0.0      | 0.1        | 100.0 | 3,266  | 8.9                    |
| Second                    | 6.2          | 12.7         | 4.4                            | 24.8                        | 35.0                             | 2.8                  | 3.9                 | 10.1   | 0.0      | 0.1        | 100.0 | 3,108  | 9.2                    |
| Middle                    | 5.9          | 12.2         | 3.5                            | 22.1                        | 37.1                             | 2.5                  | 4.0                 | 12.4   | 0.2      | 0.0        | 100.0 | 3,187  | 9.5                    |
| Fourth                    | 6.5          | 10.6         | 2.6                            | 21.3                        | 34.2                             | 2.8                  | 3.7                 | 18.0   | 0.3      | 0.0        | 100.0 | 3,371  | 9.6                    |
| Highest                   | 5.2          | 11.2         | 3.4                            | 19.4                        | 22.4                             | 2.2                  | 4.0                 | 31.6   | 0.5      | 0.0        | 100.0 | 3,433  | 10.1                   |
| <b>Total</b>              | 6.4          | 12.0         | 3.6                            | 23.0                        | 32.7                             | 2.4                  | 3.7                 | 16.0   | 0.2      | 0.0        | 100.0 | 16,366 | 9.4                    |

<sup>1</sup> Completed grade 4 at the primary level

<sup>2</sup> Attended or completed the general basic level (grades 5–9) and attended but did not complete the general secondary level (grades 10–11)

<sup>3</sup> Completed grade 11 at the secondary level or completed grade 10 at the secondary level and has a general education school diploma

**Table 2.12 School attendance ratios**

Net attendance ratios (NAR), gross attendance ratios (GAR), and out-of-school rates for the de facto household population by sex and level of schooling, and the gender parity index (GPI), according to background characteristics, Tajikistan DHS 2023

| Background characteristic | Net attendance ratio <sup>1</sup> |        |       |                                  | Out-of-school rate <sup>2</sup> |        |       | Gross attendance ratio <sup>3</sup> |        |       |                                  |
|---------------------------|-----------------------------------|--------|-------|----------------------------------|---------------------------------|--------|-------|-------------------------------------|--------|-------|----------------------------------|
|                           | Male                              | Female | Total | Gender parity index <sup>4</sup> | Male                            | Female | Total | Male                                | Female | Total | Gender parity index <sup>4</sup> |
| <b>PRIMARY SCHOOL</b>     |                                   |        |       |                                  |                                 |        |       |                                     |        |       |                                  |
| <b>Residence</b>          |                                   |        |       |                                  |                                 |        |       |                                     |        |       |                                  |
| Urban                     | 88.6                              | 87.0   | 87.8  | 0.98                             | 4.9                             | 6.5    | 5.7   | 99.2                                | 97.6   | 98.4  | 0.98                             |
| Rural                     | 87.9                              | 87.9   | 87.9  | 1.00                             | 6.3                             | 7.2    | 6.7   | 96.8                                | 95.5   | 96.1  | 0.99                             |
| <b>Region</b>             |                                   |        |       |                                  |                                 |        |       |                                     |        |       |                                  |
| Dushanbe                  | 86.0                              | 90.3   | 88.0  | 1.05                             | 6.2                             | 5.0    | 5.6   | 98.9                                | 103.0  | 100.8 | 1.04                             |
| GBAO                      | 88.7                              | 88.2   | 88.5  | 0.99                             | 6.9                             | 9.4    | 8.1   | 102.3                               | 101.9  | 102.1 | 1.00                             |
| Sughd                     | 89.4                              | 87.9   | 88.7  | 0.98                             | 4.8                             | 5.5    | 5.1   | 98.7                                | 95.3   | 97.0  | 0.97                             |
| DRS                       | 86.6                              | 86.4   | 86.5  | 1.00                             | 6.8                             | 7.9    | 7.3   | 96.1                                | 94.3   | 95.2  | 0.98                             |
| Khatlon                   | 88.6                              | 87.7   | 88.2  | 0.99                             | 6.2                             | 7.8    | 6.9   | 96.8                                | 95.8   | 96.3  | 0.99                             |
| <b>FTF districts</b>      | 89.9                              | 87.5   | 88.8  | 0.97                             | 6.4                             | 7.2    | 6.8   | 96.8                                | 95.3   | 96.1  | 0.98                             |
| <b>Wealth quintile</b>    |                                   |        |       |                                  |                                 |        |       |                                     |        |       |                                  |
| Lowest                    | 85.9                              | 87.6   | 86.7  | 1.02                             | 8.6                             | 8.8    | 8.7   | 95.0                                | 98.0   | 96.4  | 1.03                             |
| Second                    | 89.6                              | 89.9   | 89.8  | 1.00                             | 4.4                             | 5.7    | 5.0   | 96.9                                | 95.9   | 96.4  | 0.99                             |
| Middle                    | 89.4                              | 84.8   | 87.2  | 0.95                             | 4.6                             | 7.1    | 5.8   | 97.5                                | 91.1   | 94.5  | 0.93                             |
| Fourth                    | 86.6                              | 88.1   | 87.4  | 1.02                             | 7.5                             | 6.6    | 7.1   | 97.5                                | 95.7   | 96.6  | 0.98                             |
| Highest                   | 88.9                              | 87.7   | 88.3  | 0.99                             | 4.5                             | 6.5    | 5.5   | 100.5                               | 98.8   | 99.7  | 0.98                             |
| <b>Total</b>              | 88.1                              | 87.7   | 87.9  | 1.00                             | 6.0                             | 7.0    | 6.5   | 97.4                                | 96.0   | 96.7  | 0.99                             |
| <b>SECONDARY SCHOOL</b>   |                                   |        |       |                                  |                                 |        |       |                                     |        |       |                                  |
| <b>Residence</b>          |                                   |        |       |                                  |                                 |        |       |                                     |        |       |                                  |
| Urban                     | 89.0                              | 84.1   | 86.6  | 0.95                             | 5.1                             | 7.3    | 6.1   | 97.1                                | 93.2   | 95.2  | 0.96                             |
| Rural                     | 90.5                              | 87.1   | 88.9  | 0.96                             | 4.7                             | 8.0    | 6.3   | 100.3                               | 97.5   | 98.9  | 0.97                             |
| <b>Region</b>             |                                   |        |       |                                  |                                 |        |       |                                     |        |       |                                  |
| Dushanbe                  | 86.9                              | 79.8   | 83.5  | 0.92                             | 5.8                             | 7.3    | 6.5   | 93.7                                | 86.3   | 90.2  | 0.92                             |
| GBAO                      | 92.4                              | 88.6   | 90.4  | 0.96                             | 3.2                             | 5.8    | 4.6   | 97.7                                | 93.5   | 95.5  | 0.96                             |
| Sughd                     | 90.3                              | 88.7   | 89.5  | 0.98                             | 3.9                             | 6.2    | 5.1   | 98.8                                | 100.2  | 99.5  | 1.01                             |
| DRS                       | 90.0                              | 81.5   | 86.0  | 0.91                             | 5.5                             | 12.4   | 8.8   | 98.5                                | 95.1   | 96.9  | 0.97                             |
| Khatlon                   | 90.8                              | 89.5   | 90.2  | 0.99                             | 4.7                             | 6.1    | 5.3   | 102.2                               | 97.4   | 99.9  | 0.95                             |
| <b>FTF districts</b>      | 92.9                              | 89.7   | 91.3  | 0.97                             | 4.4                             | 7.1    | 5.7   | 100.6                               | 97.7   | 99.2  | 0.97                             |
| <b>Wealth quintile</b>    |                                   |        |       |                                  |                                 |        |       |                                     |        |       |                                  |
| Lowest                    | 89.7                              | 85.4   | 87.7  | 0.95                             | 5.1                             | 9.1    | 7.0   | 100.4                               | 91.7   | 96.2  | 0.91                             |
| Second                    | 92.7                              | 87.7   | 90.2  | 0.95                             | 2.6                             | 7.8    | 5.2   | 102.6                               | 95.6   | 99.1  | 0.93                             |
| Middle                    | 88.7                              | 88.1   | 88.4  | 0.99                             | 7.1                             | 7.9    | 7.5   | 98.6                                | 100.7  | 99.6  | 1.02                             |
| Fourth                    | 91.7                              | 87.3   | 89.7  | 0.95                             | 3.9                             | 6.9    | 5.3   | 99.7                                | 100.3  | 100.0 | 1.01                             |
| Highest                   | 87.7                              | 83.3   | 85.5  | 0.95                             | 5.3                             | 7.1    | 6.2   | 95.9                                | 94.4   | 95.2  | 0.98                             |
| <b>Total</b>              | 90.1                              | 86.3   | 88.3  | 0.96                             | 4.8                             | 7.8    | 6.2   | 99.5                                | 96.3   | 97.9  | 0.97                             |

<sup>1</sup> The NAR for primary school is the percentage of the primary school-age (7–10 years) population that is attending primary school. The NAR for secondary school is the percentage of the secondary school-age (11–17 years) population that is attending secondary school. By definition, the NAR cannot exceed 100.0.

<sup>2</sup> The out-of-school rate for primary school is the percentage of the primary school-age (7–10 years) population that is not attending any level of education. The out-of-school rate for secondary school is the percentage of the secondary school-age (11–17 years) population that is not attending any level of education.

<sup>3</sup> The GAR for primary school is the total number of primary school students, expressed as a percentage of the official primary school-age population. The GAR for secondary school is the total number of secondary school students, expressed as a percentage of the official secondary school-age population. If there are significant numbers of overage and underage students at a given level of schooling, the GAR can exceed 100.0.

<sup>4</sup> The gender parity index for primary school is the ratio of the primary school NAR (GAR) for females to the NAR (GAR) for males. The gender parity index for secondary school is the ratio of the secondary school NAR (GAR) for females to the NAR (GAR) for males.

**Table 2.13 School completion rates**

Completion rates for the de facto household population by level of schooling, according to background characteristics, Tajikistan DHS 2023

| Background characteristic | Primary school completion rate <sup>1</sup> | Number of children age 13–15 at the beginning of the school year <sup>2</sup> | Lower secondary school completion rate <sup>1</sup> | Number of young people age 18–20 at the beginning of the school year <sup>2</sup> | Upper secondary school completion rate <sup>1</sup> | Number of young people age 20–22 at the beginning of the school year <sup>2</sup> |
|---------------------------|---------------------------------------------|-------------------------------------------------------------------------------|-----------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------|-----------------------------------------------------------------------------------|
| <b>Sex</b>                |                                             |                                                                               |                                                     |                                                                                   |                                                     |                                                                                   |
| Male                      | 26.3                                        | 1,475                                                                         | 25.9                                                | 737                                                                               | 38.6                                                | 681                                                                               |
| Female                    | 25.0                                        | 1,241                                                                         | 30.0                                                | 800                                                                               | 40.2                                                | 696                                                                               |
| <b>Residence</b>          |                                             |                                                                               |                                                     |                                                                                   |                                                     |                                                                                   |
| Urban                     | 25.5                                        | 726                                                                           | 29.6                                                | 452                                                                               | 37.1                                                | 379                                                                               |
| Rural                     | 25.8                                        | 1,990                                                                         | 27.2                                                | 1,085                                                                             | 40.3                                                | 998                                                                               |
| <b>Region</b>             |                                             |                                                                               |                                                     |                                                                                   |                                                     |                                                                                   |
| Dushanbe                  | 23.1                                        | 265                                                                           | 31.0                                                | 196                                                                               | 36.4                                                | 163                                                                               |
| GBAO                      | 29.7                                        | 43                                                                            | 18.1                                                | 11                                                                                | 40.9                                                | 14                                                                                |
| Sughd                     | 26.2                                        | 689                                                                           | 28.8                                                | 390                                                                               | 38.8                                                | 355                                                                               |
| DRS                       | 26.6                                        | 684                                                                           | 24.5                                                | 326                                                                               | 39.2                                                | 278                                                                               |
| Khatlon                   | 25.4                                        | 1,035                                                                         | 28.8                                                | 613                                                                               | 40.7                                                | 567                                                                               |
| <b>FTF districts</b>      | 25.7                                        | 559                                                                           | 29.8                                                | 338                                                                               | 43.1                                                | 321                                                                               |
| <b>Wealth quintile</b>    |                                             |                                                                               |                                                     |                                                                                   |                                                     |                                                                                   |
| Lowest                    | 27.3                                        | 592                                                                           | 25.7                                                | 259                                                                               | 37.3                                                | 208                                                                               |
| Second                    | 27.2                                        | 566                                                                           | 27.1                                                | 285                                                                               | 41.2                                                | 271                                                                               |
| Middle                    | 26.3                                        | 534                                                                           | 27.3                                                | 298                                                                               | 39.0                                                | 274                                                                               |
| Fourth                    | 24.5                                        | 504                                                                           | 26.4                                                | 293                                                                               | 42.7                                                | 303                                                                               |
| Highest                   | 23.3                                        | 521                                                                           | 32.1                                                | 401                                                                               | 36.9                                                | 320                                                                               |
| <b>Total</b>              | 25.7                                        | 2,716                                                                         | 27.9                                                | 1,537                                                                             | 39.4                                                | 1,377                                                                             |

<sup>1</sup> The primary school completion rate is the percentage of children 3–5 years older than the intended age for the last grade of primary school who completed the last grade. The lower secondary school completion rate is the percentage of adolescents 3–5 years older than the intended age for the last grade of lower secondary school who completed the last grade. The upper secondary school completion rate is the percentage of youth 3–5 years older than the intended age for the last grade of upper secondary school who completed the last grade.

<sup>2</sup> The total number of children, adolescents, and youth 3–5 years older than the intended age for the last grade for primary, lower, and upper secondary school, respectively

**Table 2.14 Participation rate in organized learning**

Percent distribution of children 1 year younger than the official primary school entry age at the beginning of the school year by attendance at an early childhood education program or primary school, and the adjusted net attendance ratio (NAR), according to background characteristics, Tajikistan DHS 2023

| Background characteristic | Percent distribution of children attending |                |                                                                 | Total | Adjusted NAR <sup>1</sup> | Number of children age 6 at the beginning of the school year |
|---------------------------|--------------------------------------------|----------------|-----------------------------------------------------------------|-------|---------------------------|--------------------------------------------------------------|
|                           | An early childhood education program       | Primary school | Neither an early childhood education program nor primary school |       |                           |                                                              |
| <b>Sex</b>                |                                            |                |                                                                 |       |                           |                                                              |
| Male                      | 5.1                                        | 18.7           | 76.2                                                            | 100.0 | 23.8                      | 575                                                          |
| Female                    | 3.3                                        | 17.9           | 78.9                                                            | 100.0 | 21.1                      | 531                                                          |
| <b>Residence</b>          |                                            |                |                                                                 |       |                           |                                                              |
| Urban                     | 8.3                                        | 22.4           | 69.4                                                            | 100.0 | 30.6                      | 281                                                          |
| Rural                     | 2.8                                        | 16.9           | 80.2                                                            | 100.0 | 19.8                      | 826                                                          |
| <b>Region</b>             |                                            |                |                                                                 |       |                           |                                                              |
| Dushanbe                  | 12.7                                       | 28.0           | 59.4                                                            | 100.0 | 40.6                      | 103                                                          |
| GBAO                      | 40.4                                       | 32.0           | 27.7                                                            | 100.0 | 72.3                      | 18                                                           |
| Sughd                     | 3.5                                        | 18.1           | 78.3                                                            | 100.0 | 21.7                      | 287                                                          |
| DRS                       | 4.9                                        | 14.7           | 80.3                                                            | 100.0 | 19.7                      | 316                                                          |
| Khatlon                   | 0.2                                        | 18.2           | 81.6                                                            | 100.0 | 18.4                      | 382                                                          |
| <b>FTF districts</b>      | 0.0                                        | 18.0           | 82.0                                                            | 100.0 | 18.0                      | 216                                                          |
| <b>Wealth quintile</b>    |                                            |                |                                                                 |       |                           |                                                              |
| Lowest                    | 1.2                                        | 19.2           | 79.6                                                            | 100.0 | 20.4                      | 219                                                          |
| Second                    | 2.2                                        | 12.2           | 85.7                                                            | 100.0 | 14.3                      | 245                                                          |
| Middle                    | 2.4                                        | 14.0           | 83.6                                                            | 100.0 | 16.4                      | 210                                                          |
| Fourth                    | 6.2                                        | 22.1           | 71.8                                                            | 100.0 | 28.2                      | 219                                                          |
| Highest                   | 9.5                                        | 25.0           | 65.6                                                            | 100.0 | 34.4                      | 213                                                          |
| <b>Total</b>              | 4.2                                        | 18.3           | 77.5                                                            | 100.0 | 22.5                      | 1,107                                                        |

<sup>1</sup> The adjusted net attendance ratio (NAR) to organized learning is the percentage of children 1 year younger than the official primary school entry age (at the beginning of the school year) who are attending early childhood education or primary school.

**Table 2.15 Child discipline**

Percentage of children age 1–14 by child disciplining methods experienced during the past month, according to background characteristics, Tajikistan DHS 2023

| Background characteristic | Percentage of children age 1–14 who experienced: |                          |                         |                                         |                               | Number of children age 1–14 |
|---------------------------|--------------------------------------------------|--------------------------|-------------------------|-----------------------------------------|-------------------------------|-----------------------------|
|                           | Only nonviolent discipline                       | Psychological aggression | Any physical punishment | Severe physical punishment <sup>1</sup> | Any violent discipline method |                             |
| <b>Age</b>                |                                                  |                          |                         |                                         |                               |                             |
| 1–2                       | 39.1                                             | 45.5                     | 26.9                    | 3.3                                     | 47.5                          | 822                         |
| 3–4                       | 37.1                                             | 54.6                     | 38.7                    | 4.9                                     | 57.5                          | 784                         |
| 5–9                       | 35.5                                             | 56.9                     | 37.0                    | 7.2                                     | 59.2                          | 2,207                       |
| 10–14                     | 39.4                                             | 53.7                     | 32.8                    | 6.4                                     | 56.2                          | 1,985                       |
| <b>Sex</b>                |                                                  |                          |                         |                                         |                               |                             |
| Male                      | 35.6                                             | 56.0                     | 37.6                    | 7.2                                     | 58.4                          | 3,010                       |
| Female                    | 39.7                                             | 51.6                     | 30.9                    | 4.9                                     | 54.0                          | 2,788                       |
| <b>Residence</b>          |                                                  |                          |                         |                                         |                               |                             |
| Urban                     | 38.8                                             | 54.1                     | 33.3                    | 5.3                                     | 56.2                          | 1,479                       |
| Rural                     | 37.2                                             | 53.8                     | 34.7                    | 6.4                                     | 56.3                          | 4,319                       |
| <b>Region</b>             |                                                  |                          |                         |                                         |                               |                             |
| Dushanbe                  | 40.1                                             | 53.8                     | 30.6                    | 3.5                                     | 55.6                          | 577                         |
| GBAO                      | 29.4                                             | 51.7                     | 36.7                    | 4.9                                     | 53.7                          | 94                          |
| Sughd                     | 54.1                                             | 41.3                     | 23.9                    | 4.1                                     | 43.4                          | 1,502                       |
| DRS                       | 30.9                                             | 60.4                     | 37.5                    | 6.3                                     | 62.9                          | 1,433                       |
| Khatlon                   | 30.3                                             | 58.4                     | 40.4                    | 8.0                                     | 61.1                          | 2,192                       |
| <b>FTF districts</b>      | 30.8                                             | 54.6                     | 31.2                    | 3.4                                     | 56.4                          | 1,233                       |
| <b>Mother's education</b> |                                                  |                          |                         |                                         |                               |                             |
| None/primary              | 35.1                                             | 55.4                     | 31.3                    | 7.4                                     | 56.9                          | 349                         |
| General basic             | 31.5                                             | 60.7                     | 38.7                    | 7.1                                     | 62.9                          | 1,945                       |
| General secondary         | 40.0                                             | 51.1                     | 33.7                    | 5.6                                     | 53.9                          | 2,473                       |
| Professional              |                                                  |                          |                         |                                         |                               |                             |
| primary/middle            | 46.1                                             | 47.0                     | 27.0                    | 3.5                                     | 48.1                          | 353                         |
| Higher                    | 43.8                                             | 48.3                     | 30.2                    | 5.5                                     | 50.6                          | 543                         |
| Missing                   | 40.5                                             | 45.1                     | 28.5                    | 5.4                                     | 47.0                          | 134                         |
| <b>Wealth quintile</b>    |                                                  |                          |                         |                                         |                               |                             |
| Lowest                    | 28.3                                             | 62.6                     | 44.0                    | 9.5                                     | 65.3                          | 1,274                       |
| Second                    | 35.4                                             | 56.8                     | 39.3                    | 6.7                                     | 58.8                          | 1,188                       |
| Middle                    | 38.6                                             | 52.9                     | 30.1                    | 4.2                                     | 55.0                          | 1,115                       |
| Fourth                    | 47.5                                             | 42.6                     | 23.5                    | 4.6                                     | 45.5                          | 1,107                       |
| Highest                   | 39.6                                             | 53.2                     | 33.2                    | 5.0                                     | 55.3                          | 1,114                       |
| <b>Total</b>              | 37.6                                             | 53.9                     | 34.4                    | 6.1                                     | 56.3                          | 5,798                       |

<sup>1</sup> Includes (1) hit or slapped the child on the face, head, or ears and (2) beat up, that is, hit over and over as hard as one could

**Table 2.16 Attitudes toward physical punishment**

Percentage of respondents to the child discipline module who believe that physical punishment is needed to bring up, raise, or educate a child properly, according to background characteristics, Tajikistan DHS 2023

| Background characteristic   | Percentage of respondents who believe that a child needs to be physically punished | Number of respondents to child discipline module <sup>1</sup> |
|-----------------------------|------------------------------------------------------------------------------------|---------------------------------------------------------------|
| <b>Age</b>                  |                                                                                    |                                                               |
| <25                         | 4.5                                                                                | 267                                                           |
| 25–34                       | 2.9                                                                                | 1,907                                                         |
| 35–49                       | 4.1                                                                                | 2,104                                                         |
| 50+                         | 3.9                                                                                | 1,521                                                         |
| <b>Sex</b>                  |                                                                                    |                                                               |
| Male                        | 4.4                                                                                | 440                                                           |
| Female                      | 3.6                                                                                | 5,358                                                         |
| <b>Residence</b>            |                                                                                    |                                                               |
| Urban                       | 2.4                                                                                | 1,479                                                         |
| Rural                       | 4.1                                                                                | 4,319                                                         |
| <b>Region</b>               |                                                                                    |                                                               |
| Dushanbe                    | 1.0                                                                                | 577                                                           |
| GBAO                        | 0.3                                                                                | 94                                                            |
| Sughd                       | 4.6                                                                                | 1,502                                                         |
| DRS                         | 7.6                                                                                | 1,433                                                         |
| Khatlon                     | 1.2                                                                                | 2,192                                                         |
| <b>FTF districts</b>        | 0.9                                                                                | 1,233                                                         |
| <b>Education</b>            |                                                                                    |                                                               |
| None/primary                | 4.3                                                                                | 284                                                           |
| General basic               | 5.4                                                                                | 1,748                                                         |
| General secondary           | 2.5                                                                                | 2,809                                                         |
| Professional primary/middle | 2.9                                                                                | 389                                                           |
| Higher                      | 4.0                                                                                | 567                                                           |
| Missing                     | *                                                                                  | 1                                                             |
| <b>Wealth quintile</b>      |                                                                                    |                                                               |
| Lowest                      | 3.2                                                                                | 1,274                                                         |
| Second                      | 3.5                                                                                | 1,188                                                         |
| Middle                      | 3.8                                                                                | 1,115                                                         |
| Fourth                      | 5.8                                                                                | 1,107                                                         |
| Highest                     | 2.0                                                                                | 1,114                                                         |
| <b>Total</b>                | 3.7                                                                                | 5,798                                                         |

Note: An asterisk indicates that a figure is based on fewer than 25 unweighted cases and has been suppressed.

<sup>1</sup> The denominator is respondents to the Household Questionnaire living in households where a child age 1–14 was randomly selected for the child discipline module.

**Table 2.17 Labor migration**

Percentage of households with members working abroad in the past 12 months for 3 or more months; among households with members working abroad, percent distribution by the most recent country of work; and median numbers of women and men who worked abroad, according to background characteristics, Tajikistan DHS 2023

| Background characteristic | Percent-<br>age of house-<br>holds<br>with labor<br>migrants<br>working<br>abroad<br>for 3 or<br>more<br>months<br>in the<br>past 12<br>months | Number<br>of house-<br>holds | Among households with labor migrants in the past 12 months,<br>percentage who worked in specific country: |                 |                         |                          |        |       |               | Total | Median<br>number<br>of women<br>who<br>worked<br>abroad in<br>the past<br>12<br>months | Median<br>number<br>of men<br>who<br>worked<br>abroad in<br>the past<br>12<br>months | Number<br>of<br>househol-<br>ds in<br>which<br>members<br>worked<br>abroad<br>for 3 or<br>more<br>months in<br>the past<br>12<br>months |
|---------------------------|------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------|-----------------------------------------------------------------------------------------------------------|-----------------|-------------------------|--------------------------|--------|-------|---------------|-------|----------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------|
|                           |                                                                                                                                                |                              | Russia                                                                                                    | Kazakh-<br>stan | Other<br>former<br>USSR | Middle<br>East/<br>Dubai | Europe | Other | Don't<br>know |       |                                                                                        |                                                                                      |                                                                                                                                         |
|                           |                                                                                                                                                |                              |                                                                                                           |                 |                         |                          |        |       |               |       |                                                                                        |                                                                                      |                                                                                                                                         |
| <b>Residence</b>          |                                                                                                                                                |                              |                                                                                                           |                 |                         |                          |        |       |               |       |                                                                                        |                                                                                      |                                                                                                                                         |
| Urban                     | 27.4                                                                                                                                           | 2,393                        | 93.4                                                                                                      | 0.8             | 0.0                     | 0.8                      | 3.7    | 1.2   | 0.1           | 100.0 | 1.7                                                                                    | 1.6                                                                                  | 655                                                                                                                                     |
| Rural                     | 42.9                                                                                                                                           | 5,642                        | 97.7                                                                                                      | 1.4             | 0.1                     | 0.0                      | 0.4    | 0.4   | 0.0           | 100.0 | 1.6                                                                                    | 1.7                                                                                  | 2,423                                                                                                                                   |
| <b>Region</b>             |                                                                                                                                                |                              |                                                                                                           |                 |                         |                          |        |       |               |       |                                                                                        |                                                                                      |                                                                                                                                         |
| Dushanbe                  | 21.6                                                                                                                                           | 911                          | 89.3                                                                                                      | 0.8             | 0.0                     | 1.1                      | 6.7    | 1.7   | 0.2           | 100.0 | 1.7                                                                                    | 1.6                                                                                  | 197                                                                                                                                     |
| GBAO                      | 52.5                                                                                                                                           | 180                          | 94.3                                                                                                      | 0.5             | 0.3                     | 0.2                      | 1.9    | 2.8   | 0.0           | 100.0 | 1.8                                                                                    | 1.8                                                                                  | 94                                                                                                                                      |
| Sughd                     | 47.0                                                                                                                                           | 2,322                        | 97.8                                                                                                      | 0.5             | 0.0                     | 0.2                      | 0.8    | 0.6   | 0.0           | 100.0 | 1.6                                                                                    | 1.7                                                                                  | 1,092                                                                                                                                   |
| DRS                       | 37.4                                                                                                                                           | 1,849                        | 97.2                                                                                                      | 1.1             | 0.0                     | 0.1                      | 1.1    | 0.5   | 0.0           | 100.0 | 1.6                                                                                    | 1.7                                                                                  | 691                                                                                                                                     |
| Khatlon                   | 36.2                                                                                                                                           | 2,773                        | 97.0                                                                                                      | 2.4             | 0.2                     | 0.1                      | 0.4    | 0.1   | 0.0           | 100.0 | 1.7                                                                                    | 1.7                                                                                  | 1,004                                                                                                                                   |
| <b>FTF districts</b>      | 41.9                                                                                                                                           | 1,510                        | 96.4                                                                                                      | 3.1             | 0.3                     | 0.0                      | 0.2    | 0.0   | 0.0           | 100.0 | 1.7                                                                                    | 1.7                                                                                  | 633                                                                                                                                     |
| <b>Wealth quintile</b>    |                                                                                                                                                |                              |                                                                                                           |                 |                         |                          |        |       |               |       |                                                                                        |                                                                                      |                                                                                                                                         |
| Lowest                    | 39.9                                                                                                                                           | 1,521                        | 98.8                                                                                                      | 1.0             | 0.0                     | 0.0                      | 0.0    | 0.2   | 0.0           | 100.0 | 1.7                                                                                    | 1.7                                                                                  | 607                                                                                                                                     |
| Second                    | 44.8                                                                                                                                           | 1,525                        | 96.8                                                                                                      | 2.5             | 0.0                     | 0.0                      | 0.1    | 0.5   | 0.0           | 100.0 | 1.6                                                                                    | 1.7                                                                                  | 683                                                                                                                                     |
| Middle                    | 45.7                                                                                                                                           | 1,540                        | 98.0                                                                                                      | 1.2             | 0.0                     | 0.1                      | 0.3    | 0.4   | 0.0           | 100.0 | 1.6                                                                                    | 1.7                                                                                  | 704                                                                                                                                     |
| Fourth                    | 38.9                                                                                                                                           | 1,572                        | 96.4                                                                                                      | 0.7             | 0.3                     | 0.0                      | 2.1    | 0.5   | 0.0           | 100.0 | 1.7                                                                                    | 1.8                                                                                  | 612                                                                                                                                     |
| Highest                   | 25.1                                                                                                                                           | 1,876                        | 92.7                                                                                                      | 0.6             | 0.0                     | 1.2                      | 4.0    | 1.3   | 0.1           | 100.0 | 1.7                                                                                    | 1.6                                                                                  | 472                                                                                                                                     |
| Total                     | 38.3                                                                                                                                           | 8,035                        | 96.8                                                                                                      | 1.3             | 0.1                     | 0.2                      | 1.1    | 0.6   | 0.0           | 100.0 | 1.7                                                                                    | 1.7                                                                                  | 3,078                                                                                                                                   |

**Table 2.18 Money or parcels from abroad**

Percentage of households that received money or parcels from abroad in the past 12 months, and among households that received money or parcels, percent distribution by the most recent country from where they received money or parcels, according to background characteristics, Tajikistan DHS 2023

| Background characteristic | Percentage of households that received money or parcels from abroad in the past 12 months | Number of households | Among households that received money or parcels from abroad in the past 12 months, percent distribution that received money or parcels the most recent time from specific countries: |            |                   |                   |        |       |       | Number of households that received money or parcels from abroad in the past 12 months |
|---------------------------|-------------------------------------------------------------------------------------------|----------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------|-------------------|-------------------|--------|-------|-------|---------------------------------------------------------------------------------------|
|                           |                                                                                           |                      | Russia                                                                                                                                                                               | Kazakhstan | Other former USSR | Middle East/Dubai | Europe | Other | Total |                                                                                       |
| <b>Residence</b>          |                                                                                           |                      |                                                                                                                                                                                      |            |                   |                   |        |       |       |                                                                                       |
| Urban                     | 27.1                                                                                      | 2,393                | 93.4                                                                                                                                                                                 | 0.8        | 0.0               | 0.8               | 3.4    | 1.5   | 100.0 | 649                                                                                   |
| Rural                     | 42.4                                                                                      | 5,642                | 97.8                                                                                                                                                                                 | 1.4        | 0.1               | 0.1               | 0.5    | 0.1   | 100.0 | 2,391                                                                                 |
| <b>Region</b>             |                                                                                           |                      |                                                                                                                                                                                      |            |                   |                   |        |       |       |                                                                                       |
| Dushanbe                  | 20.9                                                                                      | 911                  | 90.5                                                                                                                                                                                 | 1.1        | 0.0               | 1.0               | 5.5    | 1.8   | 100.0 | 191                                                                                   |
| GBAO                      | 48.6                                                                                      | 180                  | 94.7                                                                                                                                                                                 | 0.4        | 0.3               | 0.2               | 1.6    | 2.8   | 100.0 | 87                                                                                    |
| Sughd                     | 44.3                                                                                      | 2,322                | 98.0                                                                                                                                                                                 | 0.5        | 0.0               | 0.2               | 0.8    | 0.4   | 100.0 | 1,029                                                                                 |
| DRS                       | 37.6                                                                                      | 1,849                | 97.1                                                                                                                                                                                 | 1.0        | 0.0               | 0.3               | 1.5    | 0.2   | 100.0 | 694                                                                                   |
| Khatlon                   | 37.4                                                                                      | 2,773                | 97.0                                                                                                                                                                                 | 2.4        | 0.2               | 0.1               | 0.3    | 0.1   | 100.0 | 1,038                                                                                 |
| <b>FTF districts</b>      | 42.1                                                                                      | 1,510                | 96.7                                                                                                                                                                                 | 2.8        | 0.3               | 0.0               | 0.1    | 0.1   | 100.0 | 635                                                                                   |
| <b>Wealth quintile</b>    |                                                                                           |                      |                                                                                                                                                                                      |            |                   |                   |        |       |       |                                                                                       |
| Lowest                    | 39.9                                                                                      | 1,521                | 98.6                                                                                                                                                                                 | 1.0        | 0.0               | 0.0               | 0.2    | 0.1   | 100.0 | 608                                                                                   |
| Second                    | 44.8                                                                                      | 1,525                | 97.7                                                                                                                                                                                 | 2.1        | 0.0               | 0.0               | 0.2    | 0.0   | 100.0 | 683                                                                                   |
| Middle                    | 45.2                                                                                      | 1,540                | 97.5                                                                                                                                                                                 | 1.6        | 0.0               | 0.3               | 0.2    | 0.4   | 100.0 | 696                                                                                   |
| Fourth                    | 37.4                                                                                      | 1,572                | 96.3                                                                                                                                                                                 | 0.8        | 0.3               | 0.0               | 2.2    | 0.5   | 100.0 | 588                                                                                   |
| Highest                   | 24.8                                                                                      | 1,876                | 93.2                                                                                                                                                                                 | 0.7        | 0.0               | 1.1               | 3.7    | 1.3   | 100.0 | 465                                                                                   |
| <b>Total</b>              | 37.8                                                                                      | 8,035                | 96.9                                                                                                                                                                                 | 1.3        | 0.1               | 0.2               | 1.1    | 0.4   | 100.0 | 3,040                                                                                 |

**Table 2.19 Remittances received from abroad**

Among households that received money or parcels from abroad in the past 12 months, percent distribution reporting that, as a result of the remittances received, their financial situation improved substantially, improved slightly, or did not change, according to background characteristics, Tajikistan DHS 2023

| Background characteristic | Percent distribution of households by effect of received remittances on their financial situation: |                                       |                                    |            |       | Number of households that received money or parcels from abroad in the past 12 months |
|---------------------------|----------------------------------------------------------------------------------------------------|---------------------------------------|------------------------------------|------------|-------|---------------------------------------------------------------------------------------|
|                           | Financial situation improved substantially                                                         | Financial situation improved slightly | Financial situation did not change | Don't know | Total |                                                                                       |
| <b>Residence</b>          |                                                                                                    |                                       |                                    |            |       |                                                                                       |
| Urban                     | 39.3                                                                                               | 56.6                                  | 3.5                                | 0.5        | 100.0 | 649                                                                                   |
| Rural                     | 43.8                                                                                               | 51.2                                  | 3.4                                | 1.5        | 100.0 | 2,391                                                                                 |
| <b>Region</b>             |                                                                                                    |                                       |                                    |            |       |                                                                                       |
| Dushanbe                  | 25.5                                                                                               | 68.7                                  | 5.4                                | 0.4        | 100.0 | 191                                                                                   |
| GBAO                      | 28.3                                                                                               | 70.7                                  | 0.7                                | 0.4        | 100.0 | 87                                                                                    |
| Sughd                     | 44.1                                                                                               | 53.8                                  | 2.1                                | 0.0        | 100.0 | 1,029                                                                                 |
| DRS                       | 50.1                                                                                               | 37.6                                  | 6.7                                | 5.6        | 100.0 | 694                                                                                   |
| Khatlon                   | 41.2                                                                                               | 56.3                                  | 2.4                                | 0.0        | 100.0 | 1,038                                                                                 |
| <b>FTF districts</b>      | 42.4                                                                                               | 54.7                                  | 2.8                                | 0.0        | 100.0 | 635                                                                                   |
| <b>Wealth quintile</b>    |                                                                                                    |                                       |                                    |            |       |                                                                                       |
| Lowest                    | 35.0                                                                                               | 60.9                                  | 3.9                                | 0.2        | 100.0 | 608                                                                                   |
| Second                    | 39.1                                                                                               | 56.1                                  | 3.4                                | 1.4        | 100.0 | 683                                                                                   |
| Middle                    | 44.7                                                                                               | 50.7                                  | 2.8                                | 1.9        | 100.0 | 696                                                                                   |
| Fourth                    | 52.2                                                                                               | 42.0                                  | 3.8                                | 2.1        | 100.0 | 588                                                                                   |
| Highest                   | 44.3                                                                                               | 51.5                                  | 3.6                                | 0.7        | 100.0 | 465                                                                                   |
| <b>Total</b>              | 42.9                                                                                               | 52.4                                  | 3.4                                | 1.3        | 100.0 | 3,040                                                                                 |





## CHARACTERISTICS OF RESPONDENTS

### Key Findings

- **Education and literacy:** 20% of women have completed higher than a secondary education, and 96% are literate.
- **Exposure to mass media:** 44% of women have used the internet in the past month. Television is the most commonly accessed form of weekly media (66%).
- **Employment:** 22% of women are currently employed, a decrease from 2017.
- **Occupation:** Nearly one in four employed women work in agriculture, and one in five work in professional/technical/managerial roles.
- **Place of birth:** 85% of women in Tajikistan have always lived in their current place of residence.
- **Diabetes and hypertension:** 13% of women have been told by a health care provider that they have high blood pressure or hypertension and 2% that they have high blood sugar or diabetes.

This chapter presents information on the demographic and socioeconomic characteristics of the survey respondents such as age, education, literacy, marital status, employment, occupation, wealth, residence at birth, current place of residence, and recent migration. The chapter also presents information on respondents' use of tobacco and alcohol and whether they have had their blood pressure and blood sugar measured and whether they have been diagnosed with hypertension and diabetes. Together, this information is useful for understanding the factors that affect use of reproductive health services, contraceptive use, and other health behaviors.

### 3.1 BASIC CHARACTERISTICS OF SURVEY RESPONDENTS

The 2023 TjDHS interviewed 9,879 women age 15–49 (**Table 3.1**). Three quarters of women (75%) are currently married or living together with a man as though married, while 20% of women have never been married. Five percent of women are divorced, separated, or widowed. Nearly three quarters of respondents (73%) live in rural areas. Approximately two-thirds live in either Khatlon (36%) or Sughd (28%), and 24% live in Districts of Republican Subordination (DRS). Dushanbe is home to 11% of the TjDHS respondents, and 2% live in Gorno-Badakhshan Autonomous Oblast (GBAO).

### 3.2 EDUCATION AND LITERACY

#### Literacy

Respondents who had attended higher than secondary school were assumed to be literate. All other respondents were considered literate if they could read aloud all or part of a sentence shown to them.

**Sample:** Women age 15–49

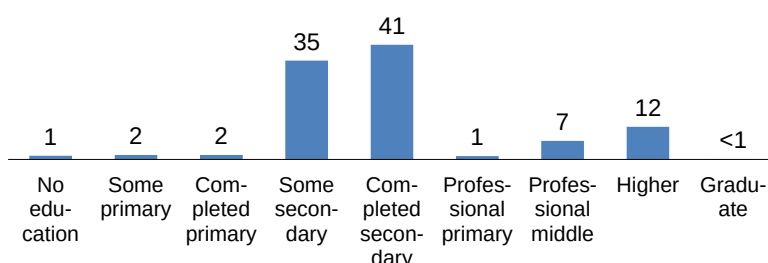
Educational attainment is high in Tajikistan. The majority of women age 15–49 (96%) have some secondary-level education or higher. Only 1% of respondents have no education at all, and 3% have attended only primary school (**Table 3.2**).

Over half of women in Tajikistan (60%) have completed a secondary or higher education (**Figure 3.1**). Eight percent of women have some professional primary or professional middle education, and 12% have a higher or graduate education. Women have completed a median of 10.2 years of schooling (**Table 3.2**).

The literacy rate is high (96%) among women in Tajikistan (**Table 3.3**). Only 3% of women cannot read at all.

**Figure 3.1 Education of survey respondents**

*Percent distribution of women age 15–49 by highest level of schooling attended or completed*



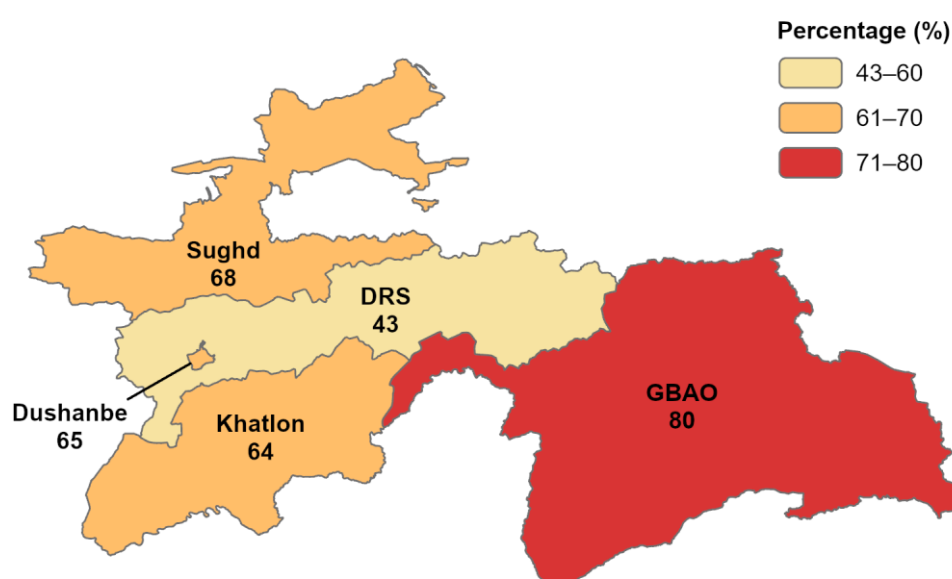
**Trends:** The median number of years of schooling completed by women age 15–49 has increased slightly since the 2012 and 2017 TjDHS surveys, from 9.4 years and 9.8 years, respectively, to 10.2 years. The proportion of women with no education has decreased slightly, from 2% in both 2012 and 2017 to 1% in 2023.

### Patterns by background characteristics

- Twenty-one percent of women in urban areas have attended or completed higher education, as compared with only 8% of those in rural areas.
- By region, the percentage of women with a secondary education or higher is lowest in DRS (43%) and highest in GBAO (80%) (**Map 3.1**).

**Map 3.1 Secondary or higher education by region**

*Percentage of women age 15–49 with completed secondary, professional primary/middle, or higher education*



- Women living in GBAO and Dushanbe are more likely to obtain a higher education (31% and 27%, respectively) than women living in the other regions (7–12%).
- Median number of years of schooling is lowest among women in DRS (8.8 years) and highest among women in GBAO (10.8 years).
- Women from the wealthiest households have completed a median of 10.5 years of schooling, while women from the poorest households have completed a median of 9.4 years.
- Women in Khatlon are four times as likely to be illiterate as women living in GBAO (4% and 1%, respectively).
- The percentage of women who are literate increases with increasing wealth, from 92% among those in the lowest wealth quintile to 99% among those in the highest quintile.

### 3.3 MASS MEDIA EXPOSURE AND INTERNET USAGE

#### Exposure to mass media

Respondents were asked how often they read a newspaper, listened to the radio, or watched television. Those who responded *at least once a week* are considered regularly exposed to that form of media.

**Sample:** Women age 15–49

#### Use of the internet

Respondents were asked if they have ever used the internet from any device, if they used the internet in the past 12 months, and, if so, how often they used it during the past month.

**Sample:** Women age 15–49

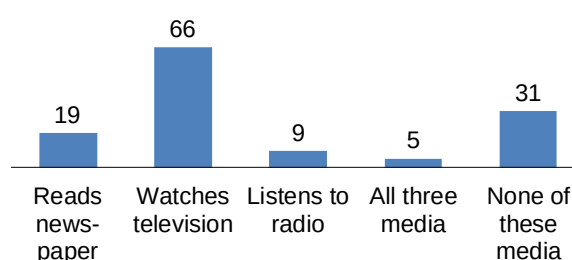
Data on women’s exposure to media are useful for understanding which women are likely to be reached by media campaigns disseminating family planning, health, and other information. Television is the form of media most commonly accessed at least weekly (66%) among women age 15–49 in Tajikistan (**Table 3.4**). Women have considerably less regular exposure to the other two forms of media: 19% read a newspaper at least once a week, while 9% listen to the radio at least once a week (**Table 3.4** and **Figure 3.2**). Nearly a third of women (31%) do not access any of the three forms of media at least once a week.

Less than half of women report having used the internet in the past 12 months (44%) (**Table 3.5**). Among women who have used the internet in the past 12 months, the majority used it almost every day (71%), while 22% used it at least once a week.

**Trends:** Weekly television exposure among women has decreased over the past 5 years, from 87% in 2017 to 66% in 2023. Radio exposure has remained low over the past decade but has also decreased slightly, from 14% in 2017 to 9% in 2023. Newspaper exposure, however, remained the same in 2023 as in 2017 (19%). The proportion of women with no access to any of these three forms of media in a given week nearly tripled during this period, from 12% to 31%, while the proportion with weekly access to all three forms of media fell from 8% to 5%. However, the proportion of women who reported using the internet in the past 12 months has almost quadrupled, from 12% to 44%.

**Figure 3.2 Exposure to mass media**

Percentage of women age 15–49 who are exposed to media on a weekly basis

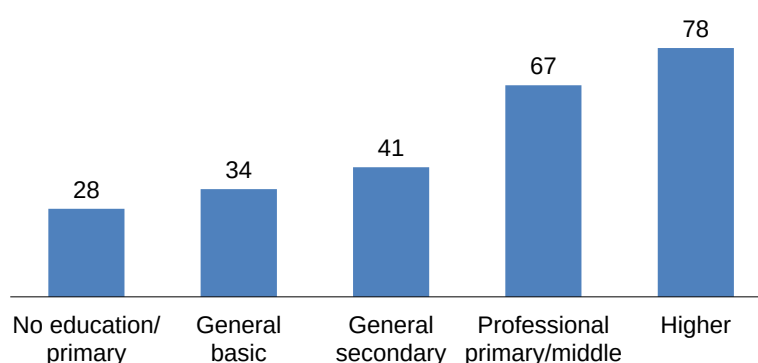


## Patterns by background characteristics

- Women age 15–19 are more likely to read a newspaper once a week (34%) than women in the other age groups (14–18%).
- Urban women are twice as likely as rural women to access all three forms of media once a week (8% and 4%, respectively).
- One-third of rural women (33%) access none of the three forms of media in a given week, as compared with about one quarter (24%) of urban women.
- Exposure to the radio, television, and newspapers increases greatly with increasing education and household wealth.
- Urban women are more likely than rural women to have used the internet in the past 12 months (58% and 39%, respectively).
- Women in GBAO are nearly twice as likely as those in Khatlon to have used the internet in the past 12 months (66% and 34%, respectively).
- Internet use increases greatly with increasing household wealth and education and generally increases with age (Figure 3.3).

**Figure 3.3 Internet usage by education**

*Percentage of women age 15–49 who used the internet in the past 12 months*



## 3.4 EMPLOYMENT

### Currently employed

Respondents who were employed in the 7 days before the survey.

**Sample:** Women age 15–49

One in five women (22%) age 15–49 in Tajikistan are currently employed (Table 3.6). Only 2% of women who were employed in the 12 months preceding the survey are not currently employed. However, over three quarters (77%) of women were not employed in the 12 months preceding the survey.

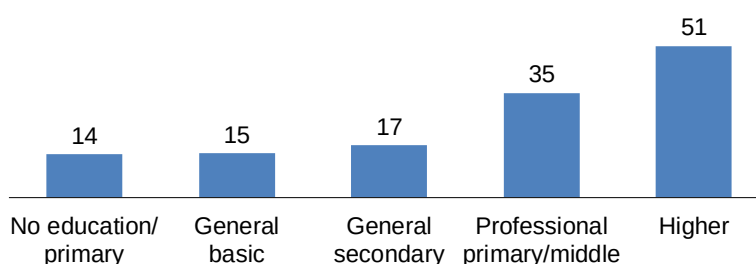
**Trends:** The percentage of women who are currently employed has decreased over the past decade, from 27% in 2012 and 25% in 2017 to 22% in 2023. The percentage of women who have not worked in the past 12 months has increased during the same period, from 68% in 2012 to 75% in 2017 and 77% in 2023.

### Patterns by background characteristics

- Twenty-nine percent of women living in urban areas are currently employed, as compared with only 19% of those living in rural areas.
- The proportion of women who are currently employed is highest in GBAO (37%) and lowest in DRS (13%).
- The proportion of currently employed women increases steadily with increasing education, from 14% among those with no education or a primary education to 51% among those with a higher education (**Figure 3.4**).
- Similarly, the proportion of currently employed women increases from 16% among those in the lowest wealth quintile to 31% among those in the highest quintile.

**Figure 3.4 Employment status by education**

Percentage of women age 15–49 who are currently employed



## 3.5 OCCUPATION

### Occupation

Categorized as professional/technical/managerial, clerical, sales and services, skilled manual, unskilled manual, domestic service, agriculture, and other.

**Sample:** Women age 15–49 who were currently employed or had worked in the 12 months before the survey

Women who were employed in the 12 months preceding the survey were most likely to work in agriculture (24%); 22% were employed in professional, technical, or managerial positions, while 10% were employed in unskilled labor (**Table 3.7** and **Figure 3.5**). Among women who were employed in the 12 months preceding the survey, 81% are paid in cash only, and 5% are paid in cash and in-kind. Around 1 in 7 women are not paid (12%), and 2% receive only in-kind payments. Forty-five percent of women are employed by a nonrelative, 39% work for a family member, and 16% are self-employed (**Table 3.8**).

### Patterns by background characteristics

- Women age 15–19 are more likely to have worked in agriculture (50%) than women in older age groups (15–25%) and less likely to have worked in professional/technical/managerial occupations (5% versus 19–30%).

**Figure 3.5 Occupation**

Percentage of women age 15–49 employed in the 12 months before the survey by occupation



- Urban women (28%), women from GBAO (48%), women with a higher education (67%), and women in the highest wealth quintile (30%) are most likely to be employed in professional, technical, or managerial occupations.
- Agricultural employment is far more common among women in Sughd (38%) and Khatlon (26%) than among women in the other regions (6% or less).
- In general, the proportion of women working in professional/technical/managerial occupations increases with increasing education and household wealth.
- The proportion of women working in agriculture decreases with increasing household wealth.
- As expected, women who work in nonagricultural jobs are far more likely to be paid in cash for the work they do (93%) than women working in agricultural jobs (45%). Over one-third of women employed in agriculture are not paid at all for their work (37%).
- Women who work in agriculture are more likely to be employed by family members (53%) than to be employed by non-family members (37%) or to be self-employed (9%).

### 3.6 TOBACCO USE

The 2023 TjDHS included questions designed to assess the prevalence of tobacco use among women age 15–49. Tobacco use is rare among women in Tajikistan; only 2% reported that they regularly use tobacco (**Tables 3.9, 3.10, and 3.11**).

**Trends:** Tobacco use has been low among women in Tajikistan over the past decade (less than 1% in 2012 and 1% in 2017) but increased slightly to 2% in 2023.

### 3.7 ALCOHOL CONSUMPTION

The 2023 TjDHS included questions designed to assess the prevalence of alcohol consumption among women age 15–49. Alcohol consumption is very rare among women in Tajikistan; less than 1% reported consuming any alcohol in the past month (data not shown).

### 3.8 PLACE OF BIRTH AND RECENT MIGRATION

#### Recent migration

Percentage of respondents who were born outside of their current place of residence and moved to their current place of residence in the 5 years preceding the survey.

**Sample:** Women age 15–49 who were born outside of their current place of residence

The vast majority of women in Tajikistan (85%) have always lived in their current place of residence; only 14% were born in Tajikistan but outside of their current place of residence, and less than 1% were born outside of Tajikistan (**Table 3.12**). Among women who were born outside of their current place of residence, 25% moved to their current place of residence in the past 5 years.

#### Patterns by background characteristics

- Ninety-eight percent of women in GBAO have always lived in their current place of residence, as compared with 70% of women in Dushanbe.

- The proportion of women who have always lived in the same location decreases with increasing wealth. Conversely, the proportion of women who were born in Tajikistan but outside of their current residence increases with increasing wealth.
- The majority of women younger than age 25 (60% or more) who were born outside of their current place of residence moved there within the past 5 years.

### 3.8.1 Type of Migration

**Table 3.13** shows the type of migration among women who migrated to their current place of residence in the past 5 years. Thirty-one percent of migration is rural to rural, 27% is urban to urban, 26% is urban to rural, and 16% is rural to urban.

### 3.8.2 Reason for Migration

Women most commonly migrate because of marriage formation (70%), followed by family-related reasons (13%) (**Table 3.14**). Almost 1 in 10 women move due to forced displacement (8%). Employment (6%) and education or training (3%) are less common reasons for migration.

#### Patterns by background characteristics

- The proportion of women who migrate because of education is highest among those age 15–19 (22%).
- The vast majority of migration to rural areas is due to marriage formation: 90% of urban to rural migration and 78% of rural to rural migration are due to marriage formation.
- Migration due to employment is higher in the highest wealth quintile (16%) than in the other wealth quintiles (2% or less).
- The proportion of women who migrate because of marriage formation decreases with increasing wealth, from 88% among those in the lowest wealth quintile to 50% among those in the highest wealth quintile.

## 3.9 HISTORY OF HYPERTENSION AND DIABETES

### 3.9.1 History of Hypertension

High blood pressure, known as hypertension, is a chronic medical condition in which the force of the blood against the artery walls is high enough that it damages the artery walls, leading to health problems. Hypertension is a major risk factor for kidney disease and cardiovascular diseases such as stroke and ischemic heart disease.

In Tajikistan, 68% of women have ever had their blood pressure measured by a doctor or other health care worker. Thirteen percent reported that they have ever been told by a doctor or health care worker that they have high blood pressure or hypertension. Among women who have been told that they have high blood pressure or hypertension, 68% received that information in the past 3 years (**Table 3.15**).

#### Patterns by background characteristics

- The percentage of women whose blood pressure has ever been measured increases from 31% among those age 15–19 to over 70% among those in the older age groups. Similarly, the percentage of women who were told by a doctor or other health care worker that they have high blood pressure or hypertension increases from 2% among those age 15–19 to 23% among those age 45 and older.
- A higher percentage of women in urban areas (74%) than rural areas (66%) have had their blood pressure measured.



- The percentage of women whose blood pressure has ever been measured increases with increasing household wealth, from 56% in the lowest wealth quintile to 79% in the highest wealth quintile. Similarly, 10% of women in the lowest wealth quintile were told by a doctor or other health care worker that they have high blood pressure, as compared with 16% of women in the highest quintile.
- Testing of blood pressure is highest in Sughd (84%), and self-reported prevalence of high blood pressure is highest in Dushanbe (19%).

### 3.9.2 History of Diabetes

Diabetes mellitus is a metabolic disorder characterized by chronic hyperglycemia (raised blood sugar levels) that occurs because of defects in insulin secretion, insulin action, or both (Expert Committee on the Diagnosis and Classification of Diabetes Mellitus 1997).

In Tajikistan, 26% of women have ever had their blood sugar measured by a doctor or other health care worker. Overall, the percentage of women who reported that they have ever been told by a doctor or other health care worker that they have high blood sugar or diabetes is low (2%). Among women who have been told that they have high blood sugar or diabetes, 63% received that information in the past 3 years (**Table 3.16**).

#### Patterns by background characteristics

- The percentage of women whose blood sugar has ever been measured increases with increasing age, from 10% among those age 15–19 to 39% among those age 45 and older. Similarly, the percentage of women who were told by a doctor or other health care worker that they have high blood sugar or diabetes increases from 1% or less among those age 15–34 to 5% among those age 45 and older.
- A much higher percentage of women in urban areas (35%) than rural areas (23%) have had their blood sugar measured. The self-reported prevalence of diabetes is the same in urban and rural areas (2%).
- The percentage of women whose blood sugar has ever been measured increases with increasing household wealth (from 16% in the lowest wealth quintile to 40% in the highest wealth quintile), while the percentage of women who were told by a doctor or other health care worker that they have high blood sugar or diabetes is relatively consistent across wealth quintiles (1–2%).
- Testing of blood sugar and self-reported prevalence of high blood sugar/diabetes are higher in Dushanbe (51% and 3%, respectively) than in the other regions.

## LIST OF TABLES

For more information on the characteristics of survey respondents, see the following tables:

- **Table 3.1** Background characteristics of respondents
- **Table 3.2** Educational attainment
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**Table 3.1 Background characteristics of respondents**

Percent distribution of women age 15–49 by selected background characteristics, Tajikistan DHS 2023

| Background characteristic          | Weighted percent | Weighted number | Unweighted number |
|------------------------------------|------------------|-----------------|-------------------|
| <b>Age</b>                         |                  |                 |                   |
| 15–19                              | 17.3             | 1,710           | 1,714             |
| 20–24                              | 16.4             | 1,616           | 1,566             |
| 25–29                              | 15.8             | 1,559           | 1,508             |
| 30–34                              | 15.6             | 1,545           | 1,518             |
| 35–39                              | 14.5             | 1,435           | 1,464             |
| 40–44                              | 11.1             | 1,096           | 1,154             |
| 45–49                              | 9.3              | 917             | 955               |
| <b>Self-reported health status</b> |                  |                 |                   |
| Very good                          | 20.8             | 2,059           | 1,946             |
| Good                               | 62.7             | 6,193           | 6,009             |
| Moderate                           | 14.6             | 1,442           | 1,732             |
| Bad                                | 1.8              | 173             | 181               |
| Very bad                           | 0.1              | 12              | 11                |
| <b>Marital status</b>              |                  |                 |                   |
| Never married                      | 19.9             | 1,964           | 2,107             |
| Married                            | 74.4             | 7,349           | 7,151             |
| Living together                    | 0.4              | 43              | 52                |
| Divorced/separated                 | 3.9              | 385             | 412               |
| Widowed                            | 1.4              | 137             | 157               |
| <b>Residence</b>                   |                  |                 |                   |
| Urban                              | 27.4             | 2,705           | 4,218             |
| Rural                              | 72.6             | 7,174           | 5,661             |
| <b>Region</b>                      |                  |                 |                   |
| Dushanbe                           | 10.9             | 1,077           | 2,006             |
| GBAO                               | 1.6              | 157             | 815               |
| Sughd                              | 28.1             | 2,780           | 2,117             |
| DRS                                | 23.9             | 2,356           | 2,277             |
| Khatlon                            | 35.5             | 3,509           | 2,664             |
| <b>FTF districts</b>               | 19.6             | 1,937           | 1,354             |
| <b>Education</b>                   |                  |                 |                   |
| No education                       | 1.4              | 133             | 118               |
| Primary                            | 3.1              | 310             | 279               |
| General basic                      | 33.1             | 3,271           | 3,153             |
| General secondary                  | 42.8             | 4,230           | 3,882             |
| Professional primary               | 1.2              | 121             | 145               |
| Professional middle                | 6.6              | 656             | 757               |
| Higher                             | 11.7             | 1,157           | 1,545             |
| <b>Wealth quintile</b>             |                  |                 |                   |
| Lowest                             | 18.6             | 1,842           | 1,636             |
| Second                             | 19.9             | 1,967           | 1,594             |
| Middle                             | 19.9             | 1,966           | 1,603             |
| Fourth                             | 19.9             | 1,964           | 1,756             |
| Highest                            | 21.7             | 2,140           | 3,290             |
| <b>Total</b>                       | 100.0            | 9,879           | 9,879             |

Note: Education categories refer to the highest level of education attended, whether or not that level was completed.

**Table 3.2 Educational attainment**

Percent distribution of women age 15–49 by highest level of schooling attended or completed, and median years completed, according to background characteristics, Tajikistan DHS 2023

| Background characteristic | Highest level of schooling |              |                                |                              |                                    |                       |                      |        | Total | Median years completed | Number of women |       |
|---------------------------|----------------------------|--------------|--------------------------------|------------------------------|------------------------------------|-----------------------|----------------------|--------|-------|------------------------|-----------------|-------|
|                           | No education               | Some primary | Completed primary <sup>1</sup> | Some second-ary <sup>2</sup> | Com-pleted second-ary <sup>3</sup> | Profes-sional primary | Profes-sional middle | Higher |       |                        |                 |       |
| <b>Age</b>                |                            |              |                                |                              |                                    |                       |                      |        |       |                        |                 |       |
| 15–24                     | 1.1                        | 0.8          | 0.7                            | 38.4                         | 37.2                               | 1.5                   | 8.4                  | 11.7   | 0.1   | 100.0                  | 10.2            | 3,327 |
| 15–19                     | 1.0                        | 0.5          | 0.4                            | 56.9                         | 27.9                               | 1.6                   | 5.8                  | 5.9    | 0.0   | 100.0                  | 9.0             | 1,710 |
| 20–24                     | 1.2                        | 1.1          | 1.1                            | 18.8                         | 47.1                               | 1.4                   | 11.2                 | 17.9   | 0.2   | 100.0                  | 10.6            | 1,616 |
| 25–29                     | 1.6                        | 1.0          | 1.6                            | 29.1                         | 44.5                               | 0.9                   | 7.8                  | 13.4   | 0.0   | 100.0                  | 10.4            | 1,559 |
| 30–34                     | 1.8                        | 1.8          | 2.9                            | 36.1                         | 39.1                               | 1.4                   | 5.3                  | 11.2   | 0.3   | 100.0                  | 10.2            | 1,545 |
| 35–39                     | 1.6                        | 3.5          | 3.2                            | 38.9                         | 36.7                               | 0.6                   | 4.8                  | 10.7   | 0.1   | 100.0                  | 10.0            | 1,435 |
| 40–44                     | 1.5                        | 1.9          | 1.4                            | 37.0                         | 40.7                               | 1.0                   | 5.0                  | 11.4   | 0.0   | 100.0                  | 10.1            | 1,096 |
| 45–49                     | 0.4                        | 1.1          | 0.3                            | 23.9                         | 56.7                               | 1.6                   | 5.4                  | 10.4   | 0.2   | 100.0                  | 10.1            | 917   |
| <b>Residence</b>          |                            |              |                                |                              |                                    |                       |                      |        |       |                        |                 |       |
| Urban                     | 1.4                        | 1.3          | 1.3                            | 31.7                         | 31.8                               | 1.7                   | 9.5                  | 21.0   | 0.3   | 100.0                  | 10.4            | 2,705 |
| Rural                     | 1.3                        | 1.6          | 1.7                            | 36.4                         | 44.2                               | 1.1                   | 5.6                  | 8.1    | 0.0   | 100.0                  | 10.1            | 7,174 |
| <b>Region</b>             |                            |              |                                |                              |                                    |                       |                      |        |       |                        |                 |       |
| Dushanbe                  | 0.5                        | 2.0          | 1.3                            | 30.8                         | 27.4                               | 1.2                   | 9.5                  | 27.0   | 0.3   | 100.0                  | 10.5            | 1,077 |
| GBAO                      | 0.1                        | 0.2          | 0.3                            | 19.3                         | 35.8                               | 3.5                   | 9.8                  | 30.7   | 0.2   | 100.0                  | 10.8            | 157   |
| Sughd                     | 1.2                        | 1.2          | 0.7                            | 28.6                         | 47.1                               | 2.3                   | 6.5                  | 12.3   | 0.2   | 100.0                  | 10.3            | 2,780 |
| DRS                       | 1.8                        | 2.0          | 1.9                            | 51.7                         | 28.9                               | 0.8                   | 6.1                  | 6.7    | 0.0   | 100.0                  | 8.8             | 2,356 |
| Khatlon                   | 1.4                        | 1.4          | 2.3                            | 31.3                         | 48.1                               | 0.6                   | 6.1                  | 8.8    | 0.0   | 100.0                  | 10.2            | 3,509 |
| <b>FTF districts</b>      | 1.8                        | 1.3          | 2.8                            | 30.3                         | 54.9                               | 0.4                   | 4.0                  | 4.4    | 0.0   | 100.0                  | 10.2            | 1,937 |
| <b>Wealth quintile</b>    |                            |              |                                |                              |                                    |                       |                      |        |       |                        |                 |       |
| Lowest                    | 3.0                        | 2.6          | 1.9                            | 42.3                         | 43.7                               | 0.3                   | 2.6                  | 3.5    | 0.0   | 100.0                  | 9.4             | 1,842 |
| Second                    | 1.3                        | 1.9          | 2.1                            | 36.8                         | 45.3                               | 1.1                   | 5.7                  | 5.8    | 0.0   | 100.0                  | 10.1            | 1,967 |
| Middle                    | 1.1                        | 1.5          | 1.9                            | 35.3                         | 44.6                               | 1.2                   | 5.8                  | 8.6    | 0.0   | 100.0                  | 10.1            | 1,966 |
| Fourth                    | 0.8                        | 0.8          | 1.1                            | 32.9                         | 41.1                               | 1.9                   | 8.3                  | 13.0   | 0.1   | 100.0                  | 10.3            | 1,964 |
| Highest                   | 0.7                        | 1.1          | 0.9                            | 29.4                         | 30.3                               | 1.5                   | 10.2                 | 25.4   | 0.4   | 100.0                  | 10.5            | 2,140 |
| Total                     | 1.4                        | 1.5          | 1.6                            | 35.2                         | 40.8                               | 1.2                   | 6.6                  | 11.6   | 0.1   | 100.0                  | 10.2            | 9,879 |

<sup>1</sup> Completed Grade 4 at the primary level

<sup>2</sup> Attended or completed the general basic level (Grades 5–9) and attended but did not complete the general secondary level (Grades 10–11)

<sup>3</sup> Completed Grade 11 at the secondary level or completed Grade 10 at the secondary level and has a general education school diploma ("attestat" as in older Soviet educational system terminology)

**Table 3.3 Literacy**

Percent distribution of women age 15–49 by level of schooling attended and level of literacy, and percentage literate, according to background characteristics, Tajikistan DHS 2023

| Background characteristic | No schooling, primary or secondary school |                           |                             |                    |                                |                         | Total | Percent-age literate <sup>1</sup> | Number of women |
|---------------------------|-------------------------------------------|---------------------------|-----------------------------|--------------------|--------------------------------|-------------------------|-------|-----------------------------------|-----------------|
|                           | Higher than secondary schooling           | Can read a whole sentence | Can read part of a sentence | Cannot read at all | No card with required language | Blind/visually impaired |       |                                   |                 |
| <b>Age</b>                |                                           |                           |                             |                    |                                |                         |       |                                   |                 |
| 15–24                     | 21.7                                      | 69.5                      | 7.0                         | 1.6                | 0.0                            | 0.1                     | 100.0 | 98.3                              | 3,327           |
| 15–19                     | 13.2                                      | 81.1                      | 4.8                         | 0.9                | 0.0                            | 0.0                     | 100.0 | 99.1                              | 1,710           |
| 20–24                     | 30.7                                      | 57.3                      | 9.3                         | 2.4                | 0.0                            | 0.3                     | 100.0 | 97.4                              | 1,616           |
| 25–29                     | 22.2                                      | 59.0                      | 15.2                        | 3.6                | 0.1                            | 0.0                     | 100.0 | 96.3                              | 1,559           |
| 30–34                     | 18.2                                      | 58.3                      | 17.5                        | 5.4                | 0.4                            | 0.2                     | 100.0 | 94.1                              | 1,545           |
| 35–39                     | 16.2                                      | 60.1                      | 17.0                        | 6.3                | 0.2                            | 0.2                     | 100.0 | 93.3                              | 1,435           |
| 40–44                     | 17.4                                      | 65.4                      | 14.3                        | 2.7                | 0.1                            | 0.0                     | 100.0 | 97.1                              | 1,096           |
| 45–49                     | 17.6                                      | 65.4                      | 14.4                        | 2.1                | 0.4                            | 0.1                     | 100.0 | 97.4                              | 917             |
| <b>Residence</b>          |                                           |                           |                             |                    |                                |                         |       |                                   |                 |
| Urban                     | 32.5                                      | 53.5                      | 11.3                        | 2.4                | 0.3                            | 0.1                     | 100.0 | 97.2                              | 2,705           |
| Rural                     | 14.7                                      | 67.8                      | 13.5                        | 3.8                | 0.1                            | 0.1                     | 100.0 | 96.0                              | 7,174           |
| <b>Region</b>             |                                           |                           |                             |                    |                                |                         |       |                                   |                 |
| Dushanbe                  | 38.1                                      | 46.3                      | 13.7                        | 1.8                | 0.0                            | 0.1                     | 100.0 | 98.1                              | 1,077           |
| GBAO                      | 44.2                                      | 48.3                      | 6.5                         | 1.1                | 0.0                            | 0.0                     | 100.0 | 98.9                              | 157             |
| Sughd                     | 21.3                                      | 64.2                      | 10.9                        | 2.8                | 0.5                            | 0.3                     | 100.0 | 96.3                              | 2,780           |
| DRS                       | 13.6                                      | 72.3                      | 10.3                        | 3.8                | 0.0                            | 0.0                     | 100.0 | 96.1                              | 2,356           |
| Khatlon                   | 15.5                                      | 64.2                      | 16.2                        | 4.1                | 0.0                            | 0.0                     | 100.0 | 95.9                              | 3,509           |
| <b>FTF districts</b>      | 8.8                                       | 68.8                      | 17.3                        | 5.1                | 0.0                            | 0.0                     | 100.0 | 94.9                              | 1,937           |
| <b>Wealth quintile</b>    |                                           |                           |                             |                    |                                |                         |       |                                   |                 |
| Lowest                    | 6.5                                       | 61.9                      | 23.4                        | 7.9                | 0.2                            | 0.2                     | 100.0 | 91.7                              | 1,842           |
| Second                    | 12.6                                      | 68.7                      | 14.4                        | 4.0                | 0.2                            | 0.1                     | 100.0 | 95.7                              | 1,967           |
| Middle                    | 15.6                                      | 70.9                      | 10.6                        | 2.5                | 0.3                            | 0.1                     | 100.0 | 97.1                              | 1,966           |
| Fourth                    | 23.2                                      | 67.0                      | 8.1                         | 1.6                | 0.0                            | 0.1                     | 100.0 | 98.4                              | 1,964           |
| Highest                   | 37.6                                      | 51.9                      | 8.9                         | 1.3                | 0.1                            | 0.1                     | 100.0 | 98.5                              | 2,140           |
| <b>Total</b>              | 19.6                                      | 63.9                      | 12.9                        | 3.4                | 0.2                            | 0.1                     | 100.0 | 96.4                              | 9,879           |

<sup>1</sup> Refers to women who attended schooling higher than the secondary level and women with less schooling who can read a whole sentence or part of a sentence

**Table 3.4 Exposure to mass media**

Percentage of women age 15–49 who are exposed to specific media on a weekly basis, according to background characteristics, Tajikistan DHS 2023

| Background characteristic   | Reads a newspaper at least once a week | Watches television at least once a week | Listens to the radio at least once a week | Accesses all three media at least once a week | Accesses none of the three media at least once a week | Number of women |
|-----------------------------|----------------------------------------|-----------------------------------------|-------------------------------------------|-----------------------------------------------|-------------------------------------------------------|-----------------|
| <b>Age</b>                  |                                        |                                         |                                           |                                               |                                                       |                 |
| 15–19                       | 33.9                                   | 72.3                                    | 11.1                                      | 7.9                                           | 24.2                                                  | 1,710           |
| 20–24                       | 18.4                                   | 66.6                                    | 9.7                                       | 6.1                                           | 30.5                                                  | 1,616           |
| 25–29                       | 14.3                                   | 65.4                                    | 8.1                                       | 5.0                                           | 32.5                                                  | 1,559           |
| 30–34                       | 13.5                                   | 63.7                                    | 8.1                                       | 4.9                                           | 33.7                                                  | 1,545           |
| 35–39                       | 14.3                                   | 62.8                                    | 7.3                                       | 4.0                                           | 34.6                                                  | 1,435           |
| 40–44                       | 18.0                                   | 64.3                                    | 8.7                                       | 4.6                                           | 32.7                                                  | 1,096           |
| 45–49                       | 18.2                                   | 68.3                                    | 9.6                                       | 4.7                                           | 29.5                                                  | 917             |
| <b>Residence</b>            |                                        |                                         |                                           |                                               |                                                       |                 |
| Urban                       | 26.1                                   | 71.3                                    | 12.0                                      | 8.2                                           | 24.4                                                  | 2,705           |
| Rural                       | 16.3                                   | 64.4                                    | 7.9                                       | 4.4                                           | 33.4                                                  | 7,174           |
| <b>Region</b>               |                                        |                                         |                                           |                                               |                                                       |                 |
| Dushanbe                    | 35.3                                   | 74.2                                    | 13.6                                      | 9.6                                           | 18.8                                                  | 1,077           |
| GBAO                        | 36.5                                   | 88.3                                    | 6.7                                       | 4.9                                           | 8.8                                                   | 157             |
| Sughd                       | 23.8                                   | 71.6                                    | 12.7                                      | 8.5                                           | 26.1                                                  | 2,780           |
| DRS                         | 19.2                                   | 63.7                                    | 9.1                                       | 3.5                                           | 32.8                                                  | 2,356           |
| Khatlon                     | 9.3                                    | 60.3                                    | 4.6                                       | 3.0                                           | 38.3                                                  | 3,509           |
| <b>FTF districts</b>        | 9.5                                    | 56.1                                    | 4.2                                       | 3.3                                           | 42.9                                                  | 1,937           |
| <b>Education</b>            |                                        |                                         |                                           |                                               |                                                       |                 |
| None/primary                | 7.8                                    | 45.3                                    | 5.4                                       | 3.8                                           | 53.8                                                  | 443             |
| General basic               | 16.4                                   | 64.0                                    | 7.2                                       | 3.2                                           | 33.7                                                  | 3,271           |
| General secondary           | 14.1                                   | 65.7                                    | 7.0                                       | 4.2                                           | 32.2                                                  | 4,230           |
| Professional primary/middle | 25.9                                   | 72.2                                    | 12.9                                      | 9.3                                           | 24.4                                                  | 778             |
| Higher                      | 44.1                                   | 79.1                                    | 20.2                                      | 14.4                                          | 14.7                                                  | 1,157           |
| <b>Wealth quintile</b>      |                                        |                                         |                                           |                                               |                                                       |                 |
| Lowest                      | 10.0                                   | 54.5                                    | 3.2                                       | 1.6                                           | 43.4                                                  | 1,842           |
| Second                      | 13.7                                   | 63.5                                    | 4.7                                       | 3.0                                           | 34.3                                                  | 1,967           |
| Middle                      | 17.7                                   | 65.2                                    | 9.2                                       | 5.5                                           | 32.5                                                  | 1,966           |
| Fourth                      | 21.9                                   | 70.6                                    | 13.1                                      | 7.3                                           | 27.0                                                  | 1,964           |
| Highest                     | 30.2                                   | 75.9                                    | 13.9                                      | 9.3                                           | 19.5                                                  | 2,140           |
| <b>Total</b>                | 19.0                                   | 66.3                                    | 9.0                                       | 5.4                                           | 31.0                                                  | 9,879           |

**Table 3.5 Internet usage**

Percentage of women age 15–49 who have ever used the internet and percentage who have used the internet in the past 12 months, and among women who have used the internet in the past 12 months, percent distribution by frequency of internet use in the past month, according to background characteristics, Tajikistan DHS 2023

| Background characteristic   | Ever used the internet | Used the internet in the past 12 months | Number of women | Among women who have used the internet in the past 12 months, percentage who, in the last month, used the internet: |                      |                       |            | Total | Number of women |
|-----------------------------|------------------------|-----------------------------------------|-----------------|---------------------------------------------------------------------------------------------------------------------|----------------------|-----------------------|------------|-------|-----------------|
|                             |                        |                                         |                 | Almost every day                                                                                                    | At least once a week | Less than once a week | Not at all |       |                 |
| <b>Age</b>                  |                        |                                         |                 |                                                                                                                     |                      |                       |            |       |                 |
| 15–19                       | 29.3                   | 28.5                                    | 1,710           | 66.7                                                                                                                | 22.6                 | 10.7                  | 0.1        | 100.0 | 487             |
| 20–24                       | 44.0                   | 43.0                                    | 1,616           | 72.9                                                                                                                | 18.7                 | 8.0                   | 0.3        | 100.0 | 696             |
| 25–29                       | 45.1                   | 43.6                                    | 1,559           | 74.4                                                                                                                | 19.9                 | 5.8                   | 0.0        | 100.0 | 680             |
| 30–34                       | 51.2                   | 49.8                                    | 1,545           | 72.9                                                                                                                | 19.9                 | 6.8                   | 0.5        | 100.0 | 770             |
| 35–39                       | 51.9                   | 50.4                                    | 1,435           | 69.7                                                                                                                | 25.1                 | 4.8                   | 0.4        | 100.0 | 722             |
| 40–44                       | 52.6                   | 51.7                                    | 1,096           | 72.9                                                                                                                | 22.3                 | 4.6                   | 0.2        | 100.0 | 567             |
| 45–49                       | 51.9                   | 50.2                                    | 917             | 67.6                                                                                                                | 24.4                 | 7.6                   | 0.4        | 100.0 | 461             |
| <b>Residence</b>            |                        |                                         |                 |                                                                                                                     |                      |                       |            |       |                 |
| Urban                       | 59.6                   | 57.7                                    | 2,705           | 75.6                                                                                                                | 19.6                 | 4.4                   | 0.4        | 100.0 | 1,562           |
| Rural                       | 40.3                   | 39.3                                    | 7,174           | 69.0                                                                                                                | 22.8                 | 8.0                   | 0.2        | 100.0 | 2,821           |
| <b>Region</b>               |                        |                                         |                 |                                                                                                                     |                      |                       |            |       |                 |
| Dushanbe                    | 67.6                   | 63.8                                    | 1,077           | 78.4                                                                                                                | 17.9                 | 3.5                   | 0.2        | 100.0 | 688             |
| GBAO                        | 66.2                   | 66.2                                    | 157             | 80.2                                                                                                                | 14.9                 | 4.9                   | 0.0        | 100.0 | 104             |
| Sughd                       | 55.7                   | 54.3                                    | 2,780           | 62.1                                                                                                                | 26.6                 | 10.9                  | 0.4        | 100.0 | 1,508           |
| DRS                         | 38.3                   | 37.8                                    | 2,356           | 78.5                                                                                                                | 14.4                 | 7.0                   | 0.0        | 100.0 | 890             |
| Khatlon                     | 34.7                   | 34.0                                    | 3,509           | 72.8                                                                                                                | 23.5                 | 3.3                   | 0.4        | 100.0 | 1,192           |
| <b>FTF districts</b>        | 35.3                   | 34.5                                    | 1,937           | 72.6                                                                                                                | 23.8                 | 3.1                   | 0.4        | 100.0 | 669             |
| <b>Education</b>            |                        |                                         |                 |                                                                                                                     |                      |                       |            |       |                 |
| None/primary                | 28.4                   | 27.7                                    | 443             | 70.7                                                                                                                | 22.7                 | 6.6                   | 0.0        | 100.0 | 123             |
| General basic               | 35.0                   | 33.9                                    | 3,271           | 69.4                                                                                                                | 21.0                 | 9.1                   | 0.6        | 100.0 | 1,109           |
| General secondary           | 42.1                   | 40.8                                    | 4,230           | 67.3                                                                                                                | 25.6                 | 7.0                   | 0.2        | 100.0 | 1,727           |
| Professional primary/middle | 67.9                   | 66.6                                    | 778             | 75.8                                                                                                                | 18.7                 | 5.5                   | 0.0        | 100.0 | 518             |
| Higher                      | 79.8                   | 78.3                                    | 1,157           | 79.1                                                                                                                | 16.5                 | 4.1                   | 0.3        | 100.0 | 906             |
| <b>Wealth quintile</b>      |                        |                                         |                 |                                                                                                                     |                      |                       |            |       |                 |
| Lowest                      | 22.4                   | 21.5                                    | 1,842           | 69.3                                                                                                                | 22.6                 | 7.7                   | 0.4        | 100.0 | 396             |
| Second                      | 36.6                   | 35.8                                    | 1,967           | 65.1                                                                                                                | 25.0                 | 9.5                   | 0.4        | 100.0 | 705             |
| Middle                      | 43.1                   | 42.1                                    | 1,966           | 72.3                                                                                                                | 21.2                 | 6.2                   | 0.3        | 100.0 | 828             |
| Fourth                      | 53.6                   | 52.4                                    | 1,964           | 69.2                                                                                                                | 23.1                 | 7.8                   | 0.0        | 100.0 | 1,029           |
| Highest                     | 68.6                   | 66.6                                    | 2,140           | 76.1                                                                                                                | 18.9                 | 4.7                   | 0.3        | 100.0 | 1,425           |
| <b>Total</b>                | 45.6                   | 44.4                                    | 9,879           | 71.4                                                                                                                | 21.6                 | 6.7                   | 0.3        | 100.0 | 4,382           |

**Table 3.6 Employment status**

Percent distribution of women age 15–49 by employment status, according to background characteristics, Tajikistan DHS 2023

| Background characteristic        | Employed in the 12 months preceding the survey |                        | Not employed in the 12 months preceding the survey | Total | Number of women |
|----------------------------------|------------------------------------------------|------------------------|----------------------------------------------------|-------|-----------------|
|                                  | Currently employed <sup>1</sup>                | Not currently employed |                                                    |       |                 |
| <b>Age</b>                       |                                                |                        |                                                    |       |                 |
| 15–19                            | 9.5                                            | 0.7                    | 89.9                                               | 100.0 | 1,710           |
| 20–24                            | 14.0                                           | 1.3                    | 84.7                                               | 100.0 | 1,616           |
| 25–29                            | 18.8                                           | 1.9                    | 79.3                                               | 100.0 | 1,559           |
| 30–34                            | 25.2                                           | 2.6                    | 72.2                                               | 100.0 | 1,545           |
| 35–39                            | 30.8                                           | 1.3                    | 67.9                                               | 100.0 | 1,435           |
| 40–44                            | 31.0                                           | 1.6                    | 67.4                                               | 100.0 | 1,096           |
| 45–49                            | 31.2                                           | 1.5                    | 67.3                                               | 100.0 | 917             |
| <b>Marital status</b>            |                                                |                        |                                                    |       |                 |
| Never married                    | 16.3                                           | 0.8                    | 82.9                                               | 100.0 | 1,964           |
| Married or living together       | 21.0                                           | 1.7                    | 77.3                                               | 100.0 | 7,392           |
| Divorced/separated/<br>widowed   | 51.5                                           | 1.7                    | 46.8                                               | 100.0 | 522             |
| <b>Number of living children</b> |                                                |                        |                                                    |       |                 |
| 0                                | 15.9                                           | 1.2                    | 82.9                                               | 100.0 | 2,732           |
| 1–2                              | 23.4                                           | 1.8                    | 74.8                                               | 100.0 | 2,874           |
| 3–4                              | 25.0                                           | 1.7                    | 73.3                                               | 100.0 | 3,678           |
| 5+                               | 18.7                                           | 0.8                    | 80.5                                               | 100.0 | 595             |
| <b>Residence</b>                 |                                                |                        |                                                    |       |                 |
| Urban                            | 28.6                                           | 1.7                    | 69.8                                               | 100.0 | 2,705           |
| Rural                            | 19.0                                           | 1.5                    | 79.5                                               | 100.0 | 7,174           |
| <b>Region</b>                    |                                                |                        |                                                    |       |                 |
| Dushanbe                         | 30.3                                           | 2.0                    | 67.6                                               | 100.0 | 1,077           |
| GBAO                             | 36.5                                           | 2.8                    | 60.7                                               | 100.0 | 157             |
| Sughd                            | 30.9                                           | 2.2                    | 66.9                                               | 100.0 | 2,780           |
| DRS                              | 12.7                                           | 1.3                    | 86.0                                               | 100.0 | 2,356           |
| Khatlon                          | 17.0                                           | 1.0                    | 82.1                                               | 100.0 | 3,509           |
| <b>FTF districts</b>             | 13.0                                           | 0.5                    | 86.5                                               | 100.0 | 1,937           |
| <b>Education</b>                 |                                                |                        |                                                    |       |                 |
| None/primary                     | 14.3                                           | 0.9                    | 84.8                                               | 100.0 | 443             |
| General basic                    | 14.8                                           | 1.2                    | 83.9                                               | 100.0 | 3,271           |
| General secondary                | 17.4                                           | 1.3                    | 81.4                                               | 100.0 | 4,230           |
| Professional primary/<br>middle  | 34.8                                           | 3.2                    | 62.0                                               | 100.0 | 778             |
| Higher                           | 50.5                                           | 2.5                    | 46.9                                               | 100.0 | 1,157           |
| <b>Wealth quintile</b>           |                                                |                        |                                                    |       |                 |
| Lowest                           | 15.9                                           | 1.8                    | 82.3                                               | 100.0 | 1,842           |
| Second                           | 19.7                                           | 1.3                    | 79.0                                               | 100.0 | 1,967           |
| Middle                           | 17.6                                           | 1.2                    | 81.2                                               | 100.0 | 1,966           |
| Fourth                           | 22.8                                           | 1.4                    | 75.8                                               | 100.0 | 1,964           |
| Highest                          | 31.0                                           | 2.0                    | 67.0                                               | 100.0 | 2,140           |
| <b>Total</b>                     | 21.6                                           | 1.5                    | 76.8                                               | 100.0 | 9,879           |

<sup>1</sup> "Currently employed" is defined as having done work in the past 7 days. Includes persons who did not work in the past 7 days but who are regularly employed and were absent from work for leave, illness, vacation, or any other such reason.



**Table 3.7 Occupation**

Percent distribution of women age 15–49 employed in the 12 months preceding the survey by occupation, according to background characteristics, Tajikistan DHS 2023

| Background characteristic        | Professional/technical/managerial | Clerical | Sales and services | Skilled manual | Unskilled manual | Domestic service | Agriculture | Missing | Total | Number of women |
|----------------------------------|-----------------------------------|----------|--------------------|----------------|------------------|------------------|-------------|---------|-------|-----------------|
| <b>Age</b>                       |                                   |          |                    |                |                  |                  |             |         |       |                 |
| 15–19                            | 5.0                               | 4.4      | 9.6                | 27.0           | 2.3              | 0.0              | 49.5        | 2.1     | 100.0 | 173             |
| 20–24                            | 29.8                              | 23.2     | 9.4                | 16.2           | 3.4              | 0.0              | 15.4        | 2.6     | 100.0 | 247             |
| 25–29                            | 28.2                              | 19.3     | 8.9                | 15.1           | 4.7              | 0.2              | 22.8        | 0.8     | 100.0 | 322             |
| 30–34                            | 21.4                              | 12.5     | 17.7               | 15.6           | 8.9              | 0.2              | 21.8        | 1.8     | 100.0 | 429             |
| 35–39                            | 19.1                              | 11.3     | 13.6               | 16.3           | 13.7             | 0.3              | 24.9        | 0.8     | 100.0 | 461             |
| 40–44                            | 22.4                              | 10.1     | 20.3               | 13.6           | 14.7             | 0.3              | 18.4        | 0.3     | 100.0 | 357             |
| 45–49                            | 22.7                              | 11.5     | 16.7               | 10.7           | 15.3             | 0.5              | 22.1        | 0.6     | 100.0 | 300             |
| <b>Marital status</b>            |                                   |          |                    |                |                  |                  |             |         |       |                 |
| Never married                    | 17.2                              | 12.3     | 11.7               | 19.0           | 4.2              | 0.0              | 33.8        | 1.9     | 100.0 | 336             |
| Married or living together       | 23.0                              | 13.4     | 13.1               | 15.7           | 9.3              | 0.3              | 24.1        | 1.2     | 100.0 | 1,676           |
| Divorced/separated/widowed       | 20.9                              | 13.6     | 25.2               | 11.3           | 21.2             | 0.2              | 7.3         | 0.2     | 100.0 | 278             |
| <b>Number of living children</b> |                                   |          |                    |                |                  |                  |             |         |       |                 |
| 0                                | 19.6                              | 14.6     | 12.9               | 19.4           | 4.4              | 0.1              | 27.4        | 1.4     | 100.0 | 467             |
| 1–2                              | 29.0                              | 17.5     | 14.9               | 12.2           | 9.8              | 0.2              | 15.3        | 1.1     | 100.0 | 725             |
| 3–4                              | 18.3                              | 10.7     | 14.7               | 16.3           | 12.2             | 0.4              | 26.1        | 1.2     | 100.0 | 982             |
| 5+                               | 16.5                              | 2.5      | 13.9               | 16.1           | 14.3             | 0.0              | 36.6        | 0.0     | 100.0 | 116             |
| <b>Residence</b>                 |                                   |          |                    |                |                  |                  |             |         |       |                 |
| Urban                            | 28.0                              | 17.9     | 19.8               | 16.1           | 12.7             | 0.6              | 3.5         | 1.6     | 100.0 | 818             |
| Rural                            | 18.5                              | 10.7     | 11.4               | 15.4           | 8.4              | 0.1              | 34.6        | 0.9     | 100.0 | 1,472           |
| <b>Region</b>                    |                                   |          |                    |                |                  |                  |             |         |       |                 |
| Dushanbe                         | 27.6                              | 20.0     | 19.7               | 15.4           | 12.7             | 1.3              | 0.5         | 2.9     | 100.0 | 349             |
| GBAO                             | 47.7                              | 20.1     | 12.2               | 5.7            | 14.2             | 0.0              | 0.0         | 0.0     | 100.0 | 62              |
| Sughd                            | 19.9                              | 8.9      | 12.9               | 12.2           | 6.7              | 0.0              | 38.4        | 0.9     | 100.0 | 920             |
| DRS                              | 18.5                              | 13.7     | 18.2               | 28.5           | 15.2             | 0.3              | 5.5         | 0.0     | 100.0 | 330             |
| Khatlon                          | 20.8                              | 14.9     | 11.8               | 15.0           | 10.0             | 0.0              | 26.1        | 1.3     | 100.0 | 629             |
| <b>FTF districts</b>             | 20.1                              | 8.3      | 9.1                | 7.8            | 9.3              | 0.0              | 44.0        | 1.3     | 100.0 | 262             |
| <b>Education</b>                 |                                   |          |                    |                |                  |                  |             |         |       |                 |
| None/primary                     | 8.6                               | 3.7      | 14.8               | 20.9           | 20.3             | 0.0              | 29.8        | 1.8     | 100.0 | 67              |
| General basic                    | 0.8                               | 2.5      | 19.5               | 24.4           | 16.8             | 0.7              | 34.0        | 1.3     | 100.0 | 525             |
| General secondary                | 1.9                               | 3.7      | 18.5               | 19.3           | 14.0             | 0.2              | 40.9        | 1.5     | 100.0 | 788             |
| Professional primary/middle      | 21.5                              | 53.8     | 8.1                | 10.0           | 3.2              | 0.0              | 3.1         | 0.3     | 100.0 | 295             |
| Higher                           | 67.2                              | 16.3     | 7.8                | 5.6            | 1.0              | 0.0              | 1.2         | 1.0     | 100.0 | 614             |
| <b>Wealth quintile</b>           |                                   |          |                    |                |                  |                  |             |         |       |                 |
| Lowest                           | 10.4                              | 4.0      | 6.0                | 9.8            | 14.7             | 0.0              | 53.6        | 1.5     | 100.0 | 327             |
| Second                           | 15.1                              | 9.8      | 9.1                | 15.0           | 9.8              | 0.0              | 41.2        | 0.0     | 100.0 | 412             |
| Middle                           | 23.1                              | 11.2     | 10.8               | 16.1           | 7.4              | 0.2              | 29.5        | 1.6     | 100.0 | 369             |
| Fourth                           | 23.2                              | 16.1     | 17.6               | 20.5           | 8.2              | 0.0              | 13.7        | 0.7     | 100.0 | 476             |
| Highest                          | 29.6                              | 18.7     | 21.1               | 15.2           | 10.4             | 0.7              | 2.6         | 1.8     | 100.0 | 706             |
| <b>Total</b>                     | 21.9                              | 13.3     | 14.4               | 15.6           | 10.0             | 0.2              | 23.5        | 1.2     | 100.0 | 2,290           |

**Table 3.8 Type of employment**

Percent distribution of women age 15–49 employed in the 12 months preceding the survey by type of earnings, type of employer, and continuity of employment, according to type of employment (agricultural or nonagricultural), Tajikistan DHS 2023

| Employment characteristic                          | Agricultural work | Nonagricultural work | Total |
|----------------------------------------------------|-------------------|----------------------|-------|
| <b>Type of earnings</b>                            |                   |                      |       |
| Cash only                                          | 45.2              | 93.3                 | 81.3  |
| Cash and in-kind                                   | 9.8               | 3.5                  | 5.0   |
| In-kind only                                       | 7.8               | 0.3                  | 2.1   |
| Not paid                                           | 37.2              | 2.8                  | 11.7  |
| Total                                              | 100.0             | 100.0                | 100.0 |
| <b>Type of employer</b>                            |                   |                      |       |
| Employed by family member                          | 53.4              | 34.6                 | 39.1  |
| Employed by non-family member                      | 37.3              | 47.4                 | 44.5  |
| Self-employed                                      | 9.3               | 18.0                 | 16.4  |
| Total                                              | 100.0             | 100.0                | 100.0 |
| <b>Continuity of employment</b>                    |                   |                      |       |
| All year                                           | 6.3               | 88.0                 | 68.3  |
| Seasonal                                           | 91.8              | 4.5                  | 25.0  |
| Occasional                                         | 1.9               | 7.5                  | 6.6   |
| Total                                              | 100.0             | 100.0                | 100.0 |
| Number of women employed during the past 12 months | 538               | 1,726                | 2,290 |

Note: Total includes 27 women with missing information on type of employment who are not shown separately.

**Table 3.9 Tobacco smoking**

Percentage of women age 15–49 who smoke various tobacco products, according to background characteristics, Tajikistan DHS 2023

| Background characteristic   | Percentage who smoke <sup>1</sup> |                                    |                     | Number of women |
|-----------------------------|-----------------------------------|------------------------------------|---------------------|-----------------|
|                             | Cigarettes                        | Other type of tobacco <sup>2</sup> | Any type of tobacco |                 |
| <b>Age</b>                  |                                   |                                    |                     |                 |
| 15–19                       | 2.2                               | 0.0                                | 2.2                 | 1,710           |
| 20–24                       | 1.7                               | 0.3                                | 1.7                 | 1,616           |
| 25–29                       | 1.8                               | 0.2                                | 1.9                 | 1,559           |
| 30–34                       | 2.5                               | 0.3                                | 2.5                 | 1,545           |
| 35–39                       | 2.4                               | 0.5                                | 2.4                 | 1,435           |
| 40–44                       | 2.8                               | 0.3                                | 2.8                 | 1,096           |
| 45–49                       | 1.8                               | 0.4                                | 1.9                 | 917             |
| <b>Residence</b>            |                                   |                                    |                     |                 |
| Urban                       | 2.4                               | 0.7                                | 2.6                 | 2,705           |
| Rural                       | 2.0                               | 0.1                                | 2.0                 | 7,174           |
| <b>Region</b>               |                                   |                                    |                     |                 |
| Dushanbe                    | 2.6                               | 1.6                                | 2.9                 | 1,077           |
| GBAO                        | 0.4                               | 0.1                                | 0.4                 | 157             |
| Sughd                       | 1.2                               | 0.1                                | 1.2                 | 2,780           |
| DRS                         | 3.0                               | 0.2                                | 3.0                 | 2,356           |
| Khatlon                     | 2.3                               | 0.1                                | 2.3                 | 3,509           |
| <b>FTF districts</b>        | 1.7                               | 0.0                                | 1.7                 | 1,937           |
| <b>Education</b>            |                                   |                                    |                     |                 |
| None/primary                | 0.9                               | 0.1                                | 0.9                 | 443             |
| General basic               | 2.6                               | 0.2                                | 2.7                 | 3,271           |
| General secondary           | 2.1                               | 0.2                                | 2.1                 | 4,230           |
| Professional primary/middle | 1.3                               | 0.5                                | 1.4                 | 778             |
| Higher                      | 2.0                               | 0.6                                | 2.1                 | 1,157           |
| <b>Wealth quintile</b>      |                                   |                                    |                     |                 |
| Lowest                      | 1.9                               | 0.1                                | 1.9                 | 1,842           |
| Second                      | 2.0                               | 0.1                                | 2.0                 | 1,967           |
| Middle                      | 2.9                               | 0.1                                | 2.9                 | 1,966           |
| Fourth                      | 2.0                               | 0.2                                | 2.0                 | 1,964           |
| Highest                     | 1.9                               | 0.8                                | 2.0                 | 2,140           |
| Total                       | 2.1                               | 0.3                                | 2.2                 | 9,879           |

<sup>1</sup> Includes daily and occasional (less than daily) use

<sup>2</sup> Includes pipes full of tobacco, cigars, cheroots, cigarillos, and water pipes

**Table 3.10 Smokeless tobacco use and any tobacco use**

Percentage of women age 15–49 who currently use smokeless tobacco, according to type of tobacco product, and percentage who use any type of tobacco, Tajikistan DHS 2023

| Tobacco product                            | Percentage |
|--------------------------------------------|------------|
| Snuff, by mouth                            | 0.0        |
| Snuff, by nose                             | 0.0        |
| Chewing tobacco                            | 0.0        |
| Other type of smokeless tobacco            | 0.0        |
| Any type of smokeless tobacco <sup>1</sup> | 0.1        |
| Any type of tobacco <sup>2</sup>           | 2.2        |
| Number                                     | 9,879      |

Note: Table includes women who use smokeless tobacco daily or occasionally (less than daily).

<sup>1</sup> Includes snuff by mouth, snuff by nose, and chewing tobacco

<sup>2</sup> Includes all types of smokeless tobacco shown in this table along with cigarettes, pipes, cigars, cheroots, cigarillos, and water pipes

**Table 3.11 Any tobacco use according to background characteristics**

Percentage of women age 15–49 who are currently using any type of tobacco, according to background characteristics, Tajikistan DHS 2023

| Background characteristic   | Percentage using any type of tobacco | Number of women |
|-----------------------------|--------------------------------------|-----------------|
| <b>Age</b>                  |                                      |                 |
| 15–19                       | 2.2                                  | 1,710           |
| 20–24                       | 1.7                                  | 1,616           |
| 25–29                       | 1.9                                  | 1,559           |
| 30–34                       | 2.5                                  | 1,545           |
| 35–39                       | 2.4                                  | 1,435           |
| 40–44                       | 2.8                                  | 1,096           |
| 45–49                       | 1.9                                  | 917             |
| <b>Residence</b>            |                                      |                 |
| Urban                       | 2.6                                  | 2,705           |
| Rural                       | 2.0                                  | 7,174           |
| <b>Region</b>               |                                      |                 |
| Dushanbe                    | 2.9                                  | 1,077           |
| GBAO                        | 0.4                                  | 157             |
| Sughd                       | 1.2                                  | 2,780           |
| DRS                         | 3.0                                  | 2,356           |
| Khatlon                     | 2.3                                  | 3,509           |
| <b>FTF districts</b>        | 1.7                                  | 1,937           |
| <b>Education</b>            |                                      |                 |
| None/primary                | 0.9                                  | 443             |
| General basic               | 2.7                                  | 3,271           |
| General secondary           | 2.1                                  | 4,230           |
| Professional primary/middle | 1.4                                  | 778             |
| Higher                      | 2.1                                  | 1,157           |
| <b>Wealth quintile</b>      |                                      |                 |
| Lowest                      | 1.9                                  | 1,842           |
| Second                      | 2.0                                  | 1,967           |
| Middle                      | 2.9                                  | 1,966           |
| Fourth                      | 2.0                                  | 1,964           |
| Highest                     | 2.0                                  | 2,140           |
| Total                       | 2.2                                  | 9,879           |

**Table 3.12 Place of birth and recent migration**

Percent distribution of women age 15–49 who have always lived in their current place of residence, who were born in Tajikistan but outside of their current place of residence, and who were born in another country, and among women who were born outside of their current place of residence, percentage who moved to their current place of residence in the past 5 years, according to background characteristics, Tajikistan DHS 2023

| Background characteristic | Percent distribution by residence and place of birth    |                                                              |                            |       | Number of women | Among women who were born outside of their current place of residence  |                              |
|---------------------------|---------------------------------------------------------|--------------------------------------------------------------|----------------------------|-------|-----------------|------------------------------------------------------------------------|------------------------------|
|                           | Always lived in current place of residence <sup>1</sup> | Born in Tajikistan but outside of current place of residence | Born outside of Tajikistan | Total |                 | Percentage who moved to current place of residence in the past 5 years | Number of women <sup>2</sup> |
| <b>Age</b>                |                                                         |                                                              |                            |       |                 |                                                                        |                              |
| 15–19                     | 94.0                                                    | 5.9                                                          | 0.2                        | 100.0 | 1,704           | 59.7                                                                   | 103                          |
| 20–24                     | 83.8                                                    | 16.1                                                         | 0.1                        | 100.0 | 1,599           | 67.2                                                                   | 260                          |
| 25–29                     | 83.6                                                    | 16.2                                                         | 0.2                        | 100.0 | 1,547           | 13.7                                                                   | 254                          |
| 30–34                     | 82.6                                                    | 17.1                                                         | 0.3                        | 100.0 | 1,539           | 15.9                                                                   | 268                          |
| 35–39                     | 82.3                                                    | 17.3                                                         | 0.4                        | 100.0 | 1,430           | 11.8                                                                   | 253                          |
| 40–44                     | 82.7                                                    | 16.6                                                         | 0.7                        | 100.0 | 1,093           | 8.4                                                                    | 190                          |
| 45–49                     | 87.3                                                    | 12.1                                                         | 0.6                        | 100.0 | 916             | 6.3                                                                    | 116                          |
| <b>Residence</b>          |                                                         |                                                              |                            |       |                 |                                                                        |                              |
| Urban                     | 80.5                                                    | 18.9                                                         | 0.6                        | 100.0 | 2,689           | 30.2                                                                   | 523                          |
| Rural                     | 87.1                                                    | 12.7                                                         | 0.2                        | 100.0 | 7,139           | 22.6                                                                   | 919                          |
| <b>Region</b>             |                                                         |                                                              |                            |       |                 |                                                                        |                              |
| Dushanbe                  | 70.0                                                    | 29.6                                                         | 0.4                        | 100.0 | 1,069           | 31.6                                                                   | 321                          |
| GBAO                      | 97.8                                                    | 2.0                                                          | 0.2                        | 100.0 | 156             | *                                                                      | 3                            |
| Sughd                     | 93.6                                                    | 6.1                                                          | 0.3                        | 100.0 | 2,778           | 28.2                                                                   | 178                          |
| DRS                       | 73.2                                                    | 26.1                                                         | 0.7                        | 100.0 | 2,342           | 22.8                                                                   | 628                          |
| Khatlon                   | 91.0                                                    | 9.0                                                          | 0.0                        | 100.0 | 3,482           | 22.6                                                                   | 312                          |
| <b>FTF districts</b>      | 87.5                                                    | 12.5                                                         | 0.0                        | 100.0 | 1,930           | 21.9                                                                   | 241                          |
| <b>Wealth quintile</b>    |                                                         |                                                              |                            |       |                 |                                                                        |                              |
| Lowest                    | 88.9                                                    | 10.8                                                         | 0.3                        | 100.0 | 1,835           | 19.8                                                                   | 203                          |
| Second                    | 87.8                                                    | 12.0                                                         | 0.2                        | 100.0 | 1,953           | 17.6                                                                   | 239                          |
| Middle                    | 87.0                                                    | 12.6                                                         | 0.4                        | 100.0 | 1,956           | 28.7                                                                   | 255                          |
| Fourth                    | 85.4                                                    | 14.3                                                         | 0.2                        | 100.0 | 1,957           | 21.3                                                                   | 285                          |
| Highest                   | 78.4                                                    | 21.2                                                         | 0.5                        | 100.0 | 2,127           | 32.6                                                                   | 460                          |
| <b>Total</b>              | 85.3                                                    | 14.4                                                         | 0.3                        | 100.0 | 9,828           | 25.4                                                                   | 1,443                        |

Note: Respondents who are visitors in the household are excluded from this table. An asterisk indicates that a figure is based on fewer than 25 unweighted cases and has been suppressed.

<sup>1</sup> May include respondents who were born elsewhere in Tajikistan but moved to their current place of residence when very young

<sup>2</sup> Includes respondents who reported that they were born outside of Tajikistan but also declared that they always lived in their current place of residence. Such respondents are assumed not to have moved in the past 5 years.

**Table 3.13 Type of migration**

Percent distribution of women age 15–49 who moved to their current place of residence in the past 5 years by type of migration, according to age, Tajikistan DHS 2023

| Age          | Type of migration |                |                |                | Total | Number of respondents |
|--------------|-------------------|----------------|----------------|----------------|-------|-----------------------|
|              | Urban to urban    | Urban to rural | Rural to urban | Rural to rural |       |                       |
| 15–19        | 42.9              | 28.8           | 8.5            | 19.9           | 100.0 | 61                    |
| 20–24        | 19.0              | 29.3           | 13.8           | 37.9           | 100.0 | 175                   |
| 25–29        | (27.5)            | (28.4)         | (22.3)         | (21.8)         | 100.0 | 35                    |
| 30–34        | (20.0)            | (17.1)         | (24.3)         | (38.6)         | 100.0 | 43                    |
| 35–39        | (40.0)            | (13.7)         | (21.5)         | (24.8)         | 100.0 | 30                    |
| 40–44        | *                 | *              | *              | *              | 100.0 | 16                    |
| 45–49        | *                 | *              | *              | *              | 100.0 | 7                     |
| <b>Total</b> | 27.3              | 25.7           | 15.9           | 31.1           | 100.0 | 366                   |

Note: Type of migration is based on categorizing the previous place of residence and the current place of residence as urban or rural. The previous place of residence is the place the person moved from just before moving to the current place of residence. Figures in parentheses are based on 25–49 unweighted cases. An asterisk indicates that a figure is based on fewer than 25 unweighted cases and has been suppressed.

**Table 3.14 Reason for migration**

Percent distribution of women age 15–49 who moved to their current place of residence by reason for migration, according to background characteristics, Tajikistan DHS 2023

| Background characteristic                                   | Employment | Education/<br>training | Marriage<br>formation | Family<br>reunification/<br>other family-<br>related<br>reason | Forced<br>displacement | Other | Total | Number of<br>women |
|-------------------------------------------------------------|------------|------------------------|-----------------------|----------------------------------------------------------------|------------------------|-------|-------|--------------------|
| <b>Age</b>                                                  |            |                        |                       |                                                                |                        |       |       |                    |
| 15–19                                                       | 1.2        | 21.6                   | 37.6                  | 22.1                                                           | 16.1                   | 1.4   | 100.0 | 102                |
| 20–24                                                       | 3.0        | 3.2                    | 80.3                  | 9.9                                                            | 3.4                    | 0.2   | 100.0 | 260                |
| 25–29                                                       | 4.7        | 1.3                    | 83.9                  | 6.2                                                            | 3.9                    | 0.0   | 100.0 | 254                |
| 30–34                                                       | 7.1        | 0.8                    | 76.0                  | 11.6                                                           | 4.3                    | 0.2   | 100.0 | 268                |
| 35–39                                                       | 7.2        | 1.2                    | 63.7                  | 15.9                                                           | 11.8                   | 0.3   | 100.0 | 253                |
| 40–44                                                       | 6.8        | 1.3                    | 60.6                  | 19.1                                                           | 12.2                   | 0.0   | 100.0 | 190                |
| 45–49                                                       | 7.5        | 0.0                    | 65.6                  | 18.1                                                           | 7.3                    | 1.5   | 100.0 | 116                |
| <b>Timing of move to<br/>current place of<br/>residence</b> |            |                        |                       |                                                                |                        |       |       |                    |
| 0–4 years                                                   | 8.9        | 6.9                    | 62.5                  | 13.2                                                           | 8.3                    | 0.3   | 100.0 | 366                |
| 5–9 years                                                   | 5.3        | 1.8                    | 70.4                  | 11.2                                                           | 11.1                   | 0.3   | 100.0 | 362                |
| 10 years or more                                            | 3.9        | 1.4                    | 74.5                  | 14.5                                                           | 5.3                    | 0.4   | 100.0 | 714                |
| <b>Type of migration<sup>1</sup></b>                        |            |                        |                       |                                                                |                        |       |       |                    |
| Urban to urban                                              | 13.6       | 22.1                   | 32.3                  | 12.3                                                           | 19.5                   | 0.2   | 100.0 | 100                |
| Urban to rural                                              | 0.8        | 0.0                    | 90.1                  | 5.7                                                            | 2.2                    | 1.1   | 100.0 | 94                 |
| Rural to urban                                              | 31.0       | 5.4                    | 39.1                  | 16.4                                                           | 8.2                    | 0.0   | 100.0 | 58                 |
| Rural to rural                                              | 0.0        | 0.0                    | 78.0                  | 18.5                                                           | 3.5                    | 0.0   | 100.0 | 114                |
| <b>Residence</b>                                            |            |                        |                       |                                                                |                        |       |       |                    |
| Urban                                                       | 14.4       | 7.9                    | 51.4                  | 15.8                                                           | 10.1                   | 0.5   | 100.0 | 523                |
| Rural                                                       | 0.5        | 0.0                    | 81.3                  | 11.9                                                           | 6.0                    | 0.3   | 100.0 | 919                |
| <b>Region</b>                                               |            |                        |                       |                                                                |                        |       |       |                    |
| Dushanbe                                                    | 18.8       | 12.5                   | 42.0                  | 15.6                                                           | 10.4                   | 0.7   | 100.0 | 321                |
| GBAO                                                        | *          | *                      | *                     | *                                                              | *                      | *     | 100.0 | 3                  |
| Sughd                                                       | 6.7        | 0.4                    | 77.5                  | 11.2                                                           | 4.2                    | 0.0   | 100.0 | 178                |
| DRS                                                         | 0.6        | 0.0                    | 71.3                  | 17.8                                                           | 10.2                   | 0.2   | 100.0 | 628                |
| Khatlon                                                     | 1.1        | 0.2                    | 93.8                  | 3.4                                                            | 1.0                    | 0.5   | 100.0 | 312                |
| <b>FTF districts</b>                                        | 0.9        | 0.3                    | 96.4                  | 1.2                                                            | 0.7                    | 0.7   | 100.0 | 241                |
| <b>Wealth quintile</b>                                      |            |                        |                       |                                                                |                        |       |       |                    |
| Lowest                                                      | 1.8        | 0.0                    | 87.5                  | 9.8                                                            | 1.0                    | 0.0   | 100.0 | 203                |
| Second                                                      | 0.2        | 0.0                    | 80.6                  | 12.4                                                           | 6.8                    | 0.0   | 100.0 | 239                |
| Middle                                                      | 0.5        | 0.3                    | 79.2                  | 8.9                                                            | 10.2                   | 1.0   | 100.0 | 255                |
| Fourth                                                      | 1.1        | 0.0                    | 75.4                  | 16.6                                                           | 6.8                    | 0.2   | 100.0 | 285                |
| Highest                                                     | 15.5       | 8.8                    | 49.7                  | 15.9                                                           | 9.6                    | 0.4   | 100.0 | 460                |
| <b>Total</b>                                                | 5.5        | 2.9                    | 70.4                  | 13.3                                                           | 7.5                    | 0.4   | 100.0 | 1,442              |

Note: Respondents who are visitors in the household are excluded from this table. Respondents who stated that they were born outside of Tajikistan and that they have always lived in their current place of residence were not asked about the reason for migration and are excluded from this table. An asterisk indicates that a figure is based on fewer than 25 unweighted cases and has been suppressed.

<sup>1</sup> Restricted to respondents who migrated within the past 5 years

**Table 3.15 History of hypertension**

Percentage of women age 15–49 who have ever had their blood pressure measured and percentage who have been told by a health care provider that they have high blood pressure or hypertension, and among women who have been told they have high blood pressure or hypertension, percentage told in the past 3 years they have high blood pressure or hypertension, according to background characteristics, Tajikistan DHS 2023

| Background characteristic       | Percentage of women who ever had their blood pressure measured by a doctor or other health care worker | Percentage of women who were ever told by a doctor or other health care worker that they have high blood pressure or hypertension | Number of women | Among women who have been told by a doctor or other health care worker that they have high blood pressure or hypertension: |                 |
|---------------------------------|--------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------|-----------------|----------------------------------------------------------------------------------------------------------------------------|-----------------|
|                                 |                                                                                                        |                                                                                                                                   |                 | Percentage who were told in the past 3 years that they have high blood pressure or hypertension                            | Number of women |
| <b>Age</b>                      |                                                                                                        |                                                                                                                                   |                 |                                                                                                                            |                 |
| 15–19                           | 30.7                                                                                                   | 1.9                                                                                                                               | 1,710           | (59.9)                                                                                                                     | 32              |
| 20–24                           | 71.5                                                                                                   | 9.6                                                                                                                               | 1,616           | 56.6                                                                                                                       | 156             |
| 25–29                           | 78.8                                                                                                   | 12.5                                                                                                                              | 1,559           | 58.5                                                                                                                       | 194             |
| 30–34                           | 78.7                                                                                                   | 13.9                                                                                                                              | 1,545           | 58.6                                                                                                                       | 215             |
| 35–39                           | 77.4                                                                                                   | 15.8                                                                                                                              | 1,435           | 72.0                                                                                                                       | 227             |
| 40–44                           | 74.9                                                                                                   | 20.2                                                                                                                              | 1,096           | 77.3                                                                                                                       | 221             |
| 45–49                           | 76.9                                                                                                   | 23.4                                                                                                                              | 917             | 81.7                                                                                                                       | 214             |
| <b>Residence</b>                |                                                                                                        |                                                                                                                                   |                 |                                                                                                                            |                 |
| Urban                           | 74.0                                                                                                   | 14.9                                                                                                                              | 2,704           | 69.1                                                                                                                       | 403             |
| Rural                           | 66.3                                                                                                   | 11.9                                                                                                                              | 7,175           | 67.5                                                                                                                       | 857             |
| <b>Region</b>                   |                                                                                                        |                                                                                                                                   |                 |                                                                                                                            |                 |
| Dushanbe                        | 81.9                                                                                                   | 19.0                                                                                                                              | 1,077           | 75.2                                                                                                                       | 205             |
| GBAO                            | 75.7                                                                                                   | 16.7                                                                                                                              | 157             | 61.9                                                                                                                       | 26              |
| Sughd                           | 84.1                                                                                                   | 10.4                                                                                                                              | 2,780           | 67.8                                                                                                                       | 288             |
| DRS                             | 55.3                                                                                                   | 14.2                                                                                                                              | 2,356           | 85.1                                                                                                                       | 335             |
| Khatlon                         | 60.4                                                                                                   | 11.6                                                                                                                              | 3,509           | 50.9                                                                                                                       | 406             |
| <b>FTF districts</b>            | 57.0                                                                                                   | 9.5                                                                                                                               | 1,937           | 56.7                                                                                                                       | 185             |
| <b>Education</b>                |                                                                                                        |                                                                                                                                   |                 |                                                                                                                            |                 |
| None/primary                    | 71.0                                                                                                   | 15.4                                                                                                                              | 443             | 69.1                                                                                                                       | 68              |
| General basic                   | 62.5                                                                                                   | 13.0                                                                                                                              | 3,271           | 73.2                                                                                                                       | 425             |
| General secondary               | 68.2                                                                                                   | 11.8                                                                                                                              | 4,230           | 65.6                                                                                                                       | 499             |
| Professional primary/<br>middle | 76.8                                                                                                   | 11.1                                                                                                                              | 778             | 68.7                                                                                                                       | 86              |
| Higher                          | 79.6                                                                                                   | 15.7                                                                                                                              | 1,157           | 61.7                                                                                                                       | 181             |
| <b>Wealth quintile</b>          |                                                                                                        |                                                                                                                                   |                 |                                                                                                                            |                 |
| Lowest                          | 55.7                                                                                                   | 10.0                                                                                                                              | 1,842           | 62.6                                                                                                                       | 185             |
| Second                          | 64.9                                                                                                   | 11.8                                                                                                                              | 1,967           | 69.8                                                                                                                       | 232             |
| Middle                          | 68.5                                                                                                   | 11.3                                                                                                                              | 1,966           | 67.7                                                                                                                       | 222             |
| Fourth                          | 73.0                                                                                                   | 14.4                                                                                                                              | 1,964           | 68.4                                                                                                                       | 282             |
| Highest                         | 78.5                                                                                                   | 15.8                                                                                                                              | 2,140           | 69.7                                                                                                                       | 338             |
| <b>Total</b>                    | 68.4                                                                                                   | 12.8                                                                                                                              | 9,879           | 68.0                                                                                                                       | 1,260           |

Note: Figures in parentheses are based on 25–49 unweighted cases.

**Table 3.16 History of diabetes**

Percentage of women age 15–49 who have ever had their blood sugar measured and percentage who have been told by a health care provider that they have high blood sugar or diabetes, and among women who have been told they have high blood sugar or diabetes, percentage who were told in the past 3 years they have high blood pressure or diabetes, according to background characteristics, Tajikistan DHS 2023

| Background characteristic   | Percentage of women who ever had their blood sugar measured by a doctor or other health care worker | Percentage of women who were ever told by a doctor or other health care worker that they have high blood sugar or diabetes | Number of women | Among women who have been told by a doctor or other health care worker that they have high blood sugar or diabetes: |                 |
|-----------------------------|-----------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------|-----------------|---------------------------------------------------------------------------------------------------------------------|-----------------|
|                             |                                                                                                     |                                                                                                                            |                 | Percentage who were told in the past 3 years that they have high blood sugar or diabetes                            | Number of women |
| <b>Age</b>                  |                                                                                                     |                                                                                                                            |                 |                                                                                                                     |                 |
| 15–19                       | 10.2                                                                                                | 0.4                                                                                                                        | 1,710           | *                                                                                                                   | 7               |
| 20–24                       | 23.7                                                                                                | 0.7                                                                                                                        | 1,616           | *                                                                                                                   | 11              |
| 25–29                       | 25.6                                                                                                | 1.1                                                                                                                        | 1,559           | *                                                                                                                   | 17              |
| 30–34                       | 29.5                                                                                                | 1.1                                                                                                                        | 1,545           | *                                                                                                                   | 17              |
| 35–39                       | 31.1                                                                                                | 2.8                                                                                                                        | 1,435           | (65.2)                                                                                                              | 40              |
| 40–44                       | 34.3                                                                                                | 4.0                                                                                                                        | 1,096           | (67.1)                                                                                                              | 44              |
| 45–49                       | 38.7                                                                                                | 5.0                                                                                                                        | 917             | (79.6)                                                                                                              | 46              |
| <b>Residence</b>            |                                                                                                     |                                                                                                                            |                 |                                                                                                                     |                 |
| Urban                       | 35.3                                                                                                | 2.2                                                                                                                        | 2,704           | 61.9                                                                                                                | 59              |
| Rural                       | 22.8                                                                                                | 1.7                                                                                                                        | 7,175           | 62.8                                                                                                                | 124             |
| <b>Region</b>               |                                                                                                     |                                                                                                                            |                 |                                                                                                                     |                 |
| Dushanbe                    | 51.0                                                                                                | 3.1                                                                                                                        | 1,077           | 60.6                                                                                                                | 33              |
| GBAO                        | 44.4                                                                                                | 0.9                                                                                                                        | 157             | *                                                                                                                   | 1               |
| Sughd                       | 33.2                                                                                                | 2.0                                                                                                                        | 2,780           | (57.2)                                                                                                              | 55              |
| DRS                         | 20.0                                                                                                | 2.0                                                                                                                        | 2,356           | (69.3)                                                                                                              | 48              |
| Khatlon                     | 16.4                                                                                                | 1.3                                                                                                                        | 3,509           | (63.2)                                                                                                              | 46              |
| <b>FTF districts</b>        | 20.4                                                                                                | 1.7                                                                                                                        | 1,937           | *                                                                                                                   | 32              |
| <b>Education</b>            |                                                                                                     |                                                                                                                            |                 |                                                                                                                     |                 |
| None/primary                | 25.2                                                                                                | 2.4                                                                                                                        | 443             | *                                                                                                                   | 11              |
| General basic               | 22.0                                                                                                | 1.9                                                                                                                        | 3,271           | 64.9                                                                                                                | 62              |
| General secondary           | 26.2                                                                                                | 1.7                                                                                                                        | 4,230           | 57.8                                                                                                                | 72              |
| Professional primary/middle | 30.6                                                                                                | 1.7                                                                                                                        | 778             | *                                                                                                                   | 13              |
| Higher                      | 35.6                                                                                                | 2.2                                                                                                                        | 1,157           | (67.4)                                                                                                              | 26              |
| <b>Wealth quintile</b>      |                                                                                                     |                                                                                                                            |                 |                                                                                                                     |                 |
| Lowest                      | 15.5                                                                                                | 1.3                                                                                                                        | 1,842           | *                                                                                                                   | 24              |
| Second                      | 20.8                                                                                                | 1.9                                                                                                                        | 1,967           | (68.3)                                                                                                              | 37              |
| Middle                      | 24.3                                                                                                | 1.6                                                                                                                        | 1,966           | *                                                                                                                   | 31              |
| Fourth                      | 28.6                                                                                                | 2.0                                                                                                                        | 1,964           | (53.9)                                                                                                              | 40              |
| Highest                     | 40.0                                                                                                | 2.4                                                                                                                        | 2,140           | 61.1                                                                                                                | 51              |
| <b>Total</b>                | 26.2                                                                                                | 1.8                                                                                                                        | 9,879           | 62.5                                                                                                                | 183             |

Note: Figures in parentheses are based on 25–49 unweighted cases. An asterisk indicates that a figure is based on fewer than 25 unweighted cases and has been suppressed.

## MARRIAGE AND SEXUAL ACTIVITY

### Key Findings

- **Marital status:** 75% of women age 15–49 are currently in union; 5% are divorced, widowed, or separated; and 20% have never been married.
- **Marriage registration:** 96% of women age 15–49 who are in union have registered their current marriage, and 95% have a marriage certificate.
- **Age at first marriage:** The median age at first marriage among women age 25–49 has stayed nearly the same during the past decade (20.2 years in 2012 and 2017 and 20.1 years in 2023).
- **Age at first sexual intercourse:** The median age at first sexual intercourse among women age 25–49 is 19.8 years, nearly the same as the median age at first marriage.

Marriage and sexual activity help determine the extent to which women are exposed to the risk of pregnancy. Thus, they are important determinants of fertility levels. The timing and circumstances of marriage and sexual activity, however, also have profound consequences for women's lives.

### 4.1 MARITAL STATUS

#### Currently in union

Women who report being married or living together with a partner as though married at the time of the survey. In this report, the terms currently in union and currently married are used interchangeably except where noted.

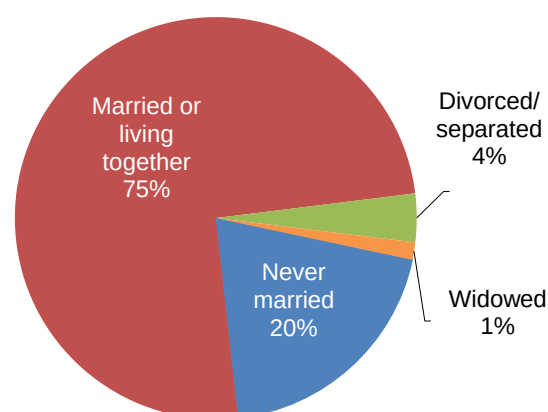
**Sample:** Women age 15–49

In Tajikistan, 75% of women age 15–49 are currently in union. Reflecting the traditional character of Tajik society, virtually all of these women are in formal unions; less than 1% report that they are living together as if married with a partner. One in five women (20%) have never been married, 4% are divorced or separated, and 1% are widowed (Table 4.1 and Figure 4.1).

Most Tajik women marry at least once during their lifetime. The percentage of women who have never been married decreases rapidly from 87% among women age 15–19 to 18% among women age 20–24. Only 2% of women age 40–44 have never been married. Women age 45–49 are most likely to be divorced or separated (6%) and to be widowed (5%).

**Figure 4.1 Marital status**

Percent distribution of women age 15–49





**Trends:** The percentage of women age 15–49 who have never been married has fallen over time, from 27% in 2012 to 22% in 2017 and 20% in 2023. Thus, as expected, the percentage of women who are currently married has increased over time, from 67% in 2012 to 72% in 2017 and 75% in 2023. Much of that change has been due to increases in the percentage of women age 20–24 who are currently in union (68% in 2012, 77% in 2017, and 79% in 2023).

## 4.2 MARRIAGE REGISTRATION

### Registered marriage

A woman whose marriage is registered with the civil authorities regardless of whether or not she has a marriage certificate.

**Sample:** Women age 15–49 who are currently in union

Ninety-six percent of women age 15–49 who are in union have registered their union, and 95% of in-union women have a marriage certificate for their current marriage (**Table 4.2**).

### Patterns by background characteristics

- The percentage of in-union women whose current marriage or union is registered is lowest among those age 15–19 (91%) and highest among those age 25–29 (97%).
- Marriage registration is highest in Gorno-Badakhshan Autonomous Oblast (GBAO) (99%) and lowest in Districts of Republican Subordination (DRS) (93%).

## 4.3 POLYGyny

### Polygyny

Women who report that their husband or partner has other wives are considered to be in a polygynous marriage.

**Sample:** Currently married women age 15–49

Polygynous unions are not common in Tajikistan. Overall, only 2% of women report that their husband (or partner) has other wives (**Table 4.3**). Almost all women in polygynous unions report that their husband has only one other wife.

**Trends:** The percentage of women age 15–49 with no other co-wives has increased over time, from 95% in 2017 to 97% in 2023.

### Patterns by background characteristics

- The percentage of women in polygynous unions increases with age, from less than 1% among those less than age 30 to 4% among those age 45–49.
- Women in Dushanbe (3%) are more likely than women in other regions to report that they have co-wives. Less than 1% of women in GBAO have co-wives, the lowest percentage of all regions.

## 4.4 AGE AT FIRST MARRIAGE

### Median age at first marriage

Age by which half of respondents have been married.

**Sample:** Women age 25–49

**Table 4.4** shows that 1% of women age 25–49 in Tajikistan were married by age 15, and 14% were married by age 18. The percentage of women who are married increases rapidly after age 18, with 49% of women married by age 20, 71% married by age 22, and 86% married by age 25 (**Figure 4.3**). Only 3% of women age 25–49 have never been married. The median age of marriage among women age 25–49 is 20.1 years (**Table 4.5** and **Figure 4.2**).

**Trends:** The median age at first marriage among women age 25–49 has stayed essentially the same over the past decade (20.2 years in 2012 and 2017 and 20.1 years in 2023).

#### Patterns by background characteristics

- The median age at first marriage is highest in GBAO (23.4 years) and lowest in Sughd (19.8 years).
- The median age at first marriage is approximately 2 years higher among women with a higher education (21.7 years) than among those with a general basic education (19.8 years) and a general secondary education (19.9 years).
- The median age at first marriage varies by less than 1 year across all wealth quintiles, ranging from 19.8 years in the fourth quintile to 20.4 years in the highest quintile.

**Figure 4.2 Median age at first sex and first marriage**

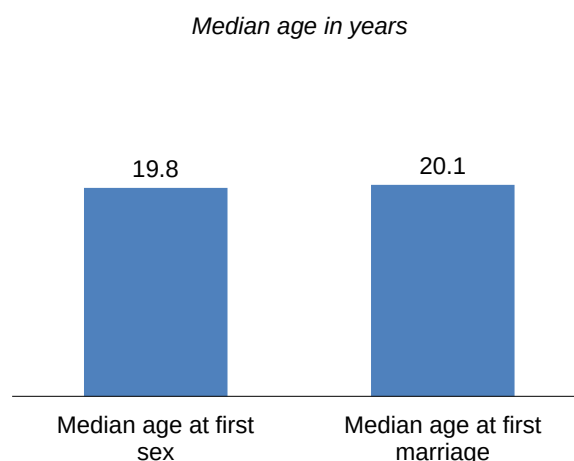
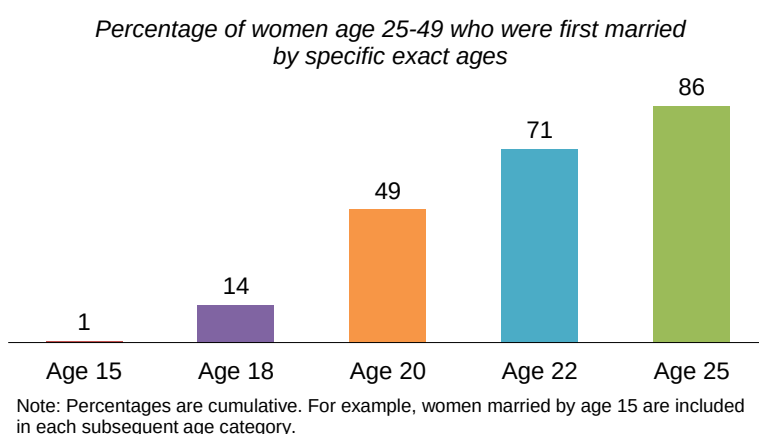


**Figure 4.3 Percentage of women married by exact age**



## 4.5 AGE AT FIRST SEXUAL INTERCOURSE

### Median age at first sexual intercourse

Age by which half of respondents have had sexual intercourse.

**Sample:** Women age 20–49 and 25–49

The median age at first sexual intercourse among women age 25–49 is 19.8 years (**Figure 4.2**). This is very close to the median age at first marriage among women age 25–49 (20.1 years). Less than 1% of women age 25–49 have had sexual intercourse by age 15 (**Table 4.6**), while 11% have had intercourse by age 18. These percentages are nearly identical among women age 20–49.

**Trends:** The percentage of women age 20–49 who first had sexual intercourse by age 20 has increased over time, from 45% in 2012 to 49% in 2017 and 54% in 2023.

## 4.6 RECENT SEXUAL ACTIVITY

**Table 4.7** shows that 81% of women age 15–49 have ever had sexual intercourse, and 51% had sex during the 4 weeks before the survey.

Marital status is closely related to sexual activity. Most currently married women (93%) had sex within the year before the survey, and 51% had sex within the 4 weeks before the survey. The opposite pattern is observed among women who were divorced, separated, or widowed, 87% of whom had not had sex during the year before the survey. Only 3% of never-married women had ever had sex, and most of those women reported that they most recently had sex 1 or more years before the survey.

### Patterns by background characteristics

- The percentage of women who reported having sexual intercourse within the 4 weeks before the survey is slightly higher in urban areas (52%) than in rural areas (50%).
- The percentage of women who had sexual intercourse within the past 4 weeks is highest in DRS (53%) and lowest in Sughd (49%).
- Twenty-five percent of women with a general basic education have never had sexual intercourse, as compared with 12% of those with no education or a primary education.

### LIST OF TABLES

For more information on marriage and sexual activity, see the following tables:

- **Table 4.1** Current marital status
- **Table 4.2** Marriage registration
- **Table 4.3** Number of women's co-wives
- **Table 4.4** Age at first marriage
- **Table 4.5** Median age at first marriage according to background characteristics
- **Table 4.6** Age at first sexual intercourse
- **Table 4.7** Recent sexual activity

**Table 4.1 Current marital status**

Percent distribution of women age 15–49 by current marital status, according to age, Tajikistan DHS 2023

| Age   | Marital status |         |                 |          |           |         | Total | Percentage of women currently in union | Number of women |
|-------|----------------|---------|-----------------|----------|-----------|---------|-------|----------------------------------------|-----------------|
|       | Never married  | Married | Living together | Divorced | Separated | Widowed |       |                                        |                 |
| 15–19 | 87.0           | 12.8    | 0.0             | 0.2      | 0.0       | 0.0     | 100.0 | 12.9                                   | 1,710           |
| 20–24 | 18.1           | 78.9    | 0.3             | 2.2      | 0.0       | 0.4     | 100.0 | 79.3                                   | 1,616           |
| 25–29 | 4.3            | 91.4    | 0.8             | 3.2      | 0.1       | 0.2     | 100.0 | 92.2                                   | 1,559           |
| 30–34 | 1.8            | 90.7    | 0.4             | 6.2      | 0.1       | 0.9     | 100.0 | 91.1                                   | 1,545           |
| 35–39 | 2.6            | 89.5    | 0.5             | 5.7      | 0.1       | 1.6     | 100.0 | 90.0                                   | 1,435           |
| 40–44 | 1.9            | 88.6    | 0.3             | 5.4      | 0.1       | 3.7     | 100.0 | 88.9                                   | 1,096           |
| 45–49 | 3.5            | 84.2    | 0.9             | 5.9      | 0.1       | 5.4     | 100.0 | 85.2                                   | 917             |
| Total | 19.9           | 74.4    | 0.4             | 3.8      | 0.1       | 1.4     | 100.0 | 74.8                                   | 9,879           |

**Table 4.2 Marriage registration**

Percentage of in-union women age 15–49 whose current marriage or union is registered, percentage whose current marriage or union is registered and who have any documentation recognizing the marriage/union, and percentage whose current marriage or union is registered and who have a marriage certificate, according to background characteristics, Tajikistan DHS 2023

| Background characteristic | Percentage whose current marriage or union is registered <sup>1</sup> | Percentage whose current marriage or union is registered and who have any documentation recognizing the marriage/union | Percentage whose current marriage is registered and who have a marriage certificate | Number of women in union <sup>1</sup> |
|---------------------------|-----------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|---------------------------------------|
| <b>Age</b>                |                                                                       |                                                                                                                        |                                                                                     |                                       |
| 15–19                     | 91.2                                                                  | 89.3                                                                                                                   | 88.4                                                                                | 220                                   |
| 20–24                     | 96.0                                                                  | 95.1                                                                                                                   | 94.7                                                                                | 1,281                                 |
| 25–29                     | 97.3                                                                  | 97.0                                                                                                                   | 96.4                                                                                | 1,437                                 |
| 30–34                     | 96.8                                                                  | 96.4                                                                                                                   | 95.7                                                                                | 1,407                                 |
| 35–39                     | 96.0                                                                  | 95.6                                                                                                                   | 95.3                                                                                | 1,291                                 |
| 40–44                     | 95.8                                                                  | 95.1                                                                                                                   | 94.7                                                                                | 974                                   |
| 45–49                     | 96.7                                                                  | 95.6                                                                                                                   | 95.5                                                                                | 781                                   |
| <b>Residence</b>          |                                                                       |                                                                                                                        |                                                                                     |                                       |
| Urban                     | 96.6                                                                  | 96.0                                                                                                                   | 95.6                                                                                | 1,870                                 |
| Rural                     | 96.2                                                                  | 95.6                                                                                                                   | 95.1                                                                                | 5,522                                 |
| <b>Marital status</b>     |                                                                       |                                                                                                                        |                                                                                     |                                       |
| Currently married         | 96.6                                                                  | 96.0                                                                                                                   | 95.5                                                                                | 7,349                                 |
| Living together           | 51.0                                                                  | 46.3                                                                                                                   | 45.0                                                                                | 43                                    |
| <b>Region</b>             |                                                                       |                                                                                                                        |                                                                                     |                                       |
| Dushanbe                  | 97.7                                                                  | 96.9                                                                                                                   | 96.7                                                                                | 708                                   |
| GBAO                      | 98.5                                                                  | 97.6                                                                                                                   | 97.6                                                                                | 109                                   |
| Sughd                     | 97.9                                                                  | 97.4                                                                                                                   | 97.0                                                                                | 2,160                                 |
| DRS                       | 93.3                                                                  | 92.7                                                                                                                   | 92.2                                                                                | 1,782                                 |
| Khatlon                   | 96.6                                                                  | 95.9                                                                                                                   | 95.3                                                                                | 2,634                                 |
| <b>FTF districts</b>      | 96.8                                                                  | 96.1                                                                                                                   | 95.4                                                                                | 1,482                                 |
| <b>Wealth quintile</b>    |                                                                       |                                                                                                                        |                                                                                     |                                       |
| Lowest                    | 94.1                                                                  | 92.9                                                                                                                   | 92.3                                                                                | 1,390                                 |
| Second                    | 95.6                                                                  | 95.4                                                                                                                   | 95.1                                                                                | 1,451                                 |
| Middle                    | 96.9                                                                  | 96.3                                                                                                                   | 95.5                                                                                | 1,512                                 |
| Fourth                    | 97.9                                                                  | 97.7                                                                                                                   | 97.5                                                                                | 1,566                                 |
| Highest                   | 96.8                                                                  | 95.8                                                                                                                   | 95.3                                                                                | 1,474                                 |
| Total                     | 96.3                                                                  | 95.7                                                                                                                   | 95.2                                                                                | 7,392                                 |

<sup>1</sup> Includes women who report that they are currently married or living with a man as if married

**Table 4.3 Number of women's co-wives**

Percent distribution of currently married women age 15–49 by number of co-wives, and percentage of currently married women with one or more co-wives, according to background characteristics, Tajikistan DHS 2023

| Background characteristic   | Number of co-wives |     |     |            | Total | Percentage with one or more co-wives <sup>1</sup> | Number of women |
|-----------------------------|--------------------|-----|-----|------------|-------|---------------------------------------------------|-----------------|
|                             | 0                  | 1   | 2+  | Don't know |       |                                                   |                 |
| <b>Age</b>                  |                    |     |     |            |       |                                                   |                 |
| 15–19                       | 99.5               | 0.0 | 0.0 | 0.5        | 100.0 | 0.0                                               | 220             |
| 20–24                       | 98.8               | 0.4 | 0.0 | 0.8        | 100.0 | 0.4                                               | 1,281           |
| 25–29                       | 98.1               | 0.5 | 0.1 | 1.3        | 100.0 | 0.6                                               | 1,437           |
| 30–34                       | 96.6               | 2.0 | 0.0 | 1.4        | 100.0 | 2.0                                               | 1,407           |
| 35–39                       | 96.4               | 2.1 | 0.0 | 1.4        | 100.0 | 2.1                                               | 1,291           |
| 40–44                       | 94.5               | 2.8 | 0.5 | 2.1        | 100.0 | 3.4                                               | 974             |
| 45–49                       | 93.8               | 3.7 | 0.2 | 2.3        | 100.0 | 3.9                                               | 781             |
| <b>Residence</b>            |                    |     |     |            |       |                                                   |                 |
| Urban                       | 94.5               | 2.4 | 0.1 | 3.0        | 100.0 | 2.5                                               | 1,870           |
| Rural                       | 97.5               | 1.5 | 0.1 | 0.9        | 100.0 | 1.6                                               | 5,522           |
| <b>Region</b>               |                    |     |     |            |       |                                                   |                 |
| Dushanbe                    | 91.8               | 2.9 | 0.2 | 5.1        | 100.0 | 3.1                                               | 708             |
| GBAO                        | 96.9               | 0.6 | 0.1 | 2.4        | 100.0 | 0.8                                               | 109             |
| Sughd                       | 98.3               | 0.9 | 0.0 | 0.8        | 100.0 | 0.9                                               | 2,160           |
| DRS                         | 96.5               | 2.2 | 0.0 | 1.3        | 100.0 | 2.2                                               | 1,782           |
| Khatlon                     | 97.1               | 1.7 | 0.3 | 1.0        | 100.0 | 2.0                                               | 2,634           |
| <b>FTF districts</b>        | 97.8               | 0.8 | 0.4 | 1.0        | 100.0 | 1.2                                               | 1,482           |
| <b>Education</b>            |                    |     |     |            |       |                                                   |                 |
| None/primary                | 96.2               | 1.6 | 0.2 | 2.1        | 100.0 | 1.7                                               | 364             |
| General basic               | 96.0               | 2.4 | 0.1 | 1.5        | 100.0 | 2.5                                               | 2,276           |
| General secondary           | 97.6               | 1.0 | 0.1 | 1.3        | 100.0 | 1.1                                               | 3,391           |
| Professional primary/middle | 97.6               | 1.4 | 0.0 | 1.0        | 100.0 | 1.5                                               | 551             |
| Higher                      | 95.3               | 2.7 | 0.1 | 1.9        | 100.0 | 2.8                                               | 811             |
| <b>Wealth quintile</b>      |                    |     |     |            |       |                                                   |                 |
| Lowest                      | 96.5               | 2.0 | 0.2 | 1.2        | 100.0 | 2.3                                               | 1,390           |
| Second                      | 97.9               | 0.9 | 0.2 | 1.0        | 100.0 | 1.1                                               | 1,451           |
| Middle                      | 98.1               | 1.3 | 0.0 | 0.6        | 100.0 | 1.3                                               | 1,512           |
| Fourth                      | 97.4               | 1.7 | 0.1 | 0.8        | 100.0 | 1.8                                               | 1,566           |
| Highest                     | 93.9               | 2.6 | 0.0 | 3.5        | 100.0 | 2.6                                               | 1,474           |
| <b>Total</b>                | 96.8               | 1.7 | 0.1 | 1.4        | 100.0 | 1.8                                               | 7,392           |

<sup>1</sup> Excludes women who responded don't know when asked if their husbands have other wives

**Table 4.4 Age at first marriage**

Percentage of women age 15–49 who were first married by specific exact ages and median age at first marriage, according to current age, Tajikistan DHS 2023

| Current age | Percentage first married by exact age: |      |      |      |      | Percentage never married | Number of women | Median age at first marriage |
|-------------|----------------------------------------|------|------|------|------|--------------------------|-----------------|------------------------------|
|             | 15                                     | 18   | 20   | 22   | 25   |                          |                 |                              |
| 15–19       | 0.0                                    | na   | na   | na   | na   | 87.0                     | 1,710           | a                            |
| 20–24       | 0.4                                    | 8.8  | 53.5 | na   | na   | 18.1                     | 1,616           | 19.8                         |
| 25–29       | 0.2                                    | 10.7 | 57.5 | 80.4 | 92.5 | 4.3                      | 1,559           | 19.6                         |
| 30–34       | 0.3                                    | 13.9 | 49.7 | 73.5 | 90.1 | 1.8                      | 1,545           | 20.0                         |
| 35–39       | 0.4                                    | 9.4  | 36.6 | 63.0 | 82.8 | 2.6                      | 1,435           | 21.0                         |
| 40–44       | 0.9                                    | 16.3 | 44.8 | 62.5 | 79.3 | 1.9                      | 1,096           | 20.5                         |
| 45–49       | 0.6                                    | 21.7 | 54.0 | 69.6 | 82.0 | 3.5                      | 917             | 19.7                         |
| 25–49       | 0.5                                    | 13.6 | 48.5 | 70.5 | 86.1 | 2.8                      | 6,552           | 20.1                         |

Note: The age at first marriage is defined as the age at which the respondent began living with her first spouse/partner.

na = not applicable due to censoring

a = omitted because less than 50% of the women began living with their spouse or partner for the first time before reaching the beginning of the age group

**Table 4.5 Median age at first marriage according to background characteristics**

Median age at first marriage among women age 25–49, according to background characteristics, Tajikistan DHS 2023

| Background characteristic   | Women age 25–49 |
|-----------------------------|-----------------|
| <b>Residence</b>            |                 |
| Urban                       | 20.6            |
| Rural                       | 20.0            |
| <b>Region</b>               |                 |
| Dushanbe                    | 20.7            |
| GBAO                        | 23.4            |
| Sughd                       | 19.8            |
| DRS                         | 20.0            |
| Khatlon                     | 20.3            |
| <b>FTF districts</b>        | 19.9            |
| <b>Education</b>            |                 |
| None/primary                | 20.8            |
| General basic               | 19.8            |
| General secondary           | 19.9            |
| Professional primary/middle | 21.1            |
| Higher                      | 21.7            |
| <b>Wealth quintile</b>      |                 |
| Lowest                      | 20.3            |
| Second                      | 20.2            |
| Middle                      | 20.0            |
| Fourth                      | 19.8            |
| Highest                     | 20.4            |
| Total                       | 20.1            |

Note: The age at first marriage is defined as the age at which the respondent began living with her first spouse/partner.

**Table 4.6 Age at first sexual intercourse**

Percentage of women age 15–49 who had first sexual intercourse by specific exact ages, percentage who never had sexual intercourse, and median age at first sexual intercourse, according to current age, Tajikistan DHS 2023

| Current age | Percentage who had first sexual intercourse by exact age: |      |      |      |      | Percentage who never had intercourse | Number | Median age at first sexual intercourse |
|-------------|-----------------------------------------------------------|------|------|------|------|--------------------------------------|--------|----------------------------------------|
|             | 15                                                        | 18   | 20   | 22   | 25   |                                      |        |                                        |
| 15–19       | 0.1                                                       | na   | na   | na   | na   | 86.9                                 | 1,710  | a                                      |
| 20–24       | 0.3                                                       | 5.9  | 54.7 | na   | na   | 17.8                                 | 1,616  | 19.8                                   |
| 25–29       | 0.4                                                       | 8.1  | 62.0 | 82.1 | 92.6 | 3.4                                  | 1,559  | 19.4                                   |
| 30–34       | 0.1                                                       | 10.9 | 54.5 | 76.5 | 91.0 | 1.6                                  | 1,545  | 19.8                                   |
| 35–39       | 0.2                                                       | 8.1  | 44.0 | 66.6 | 85.5 | 2.2                                  | 1,435  | 20.5                                   |
| 40–44       | 0.7                                                       | 13.5 | 47.6 | 67.4 | 83.0 | 1.5                                  | 1,096  | 20.2                                   |
| 45–49       | 0.5                                                       | 15.3 | 60.3 | 76.0 | 85.9 | 1.6                                  | 917    | 19.4                                   |
| 20–49       | 0.3                                                       | 9.7  | 53.9 | na   | na   | 5.2                                  | 8,169  | 19.8                                   |
| 25–49       | 0.4                                                       | 10.7 | 53.7 | 74.1 | 88.1 | 2.1                                  | 6,552  | 19.8                                   |
| 15–24       | 0.2                                                       | na   | na   | na   | na   | 53.3                                 | 3,327  | a                                      |

na = not applicable due to censoring

a = omitted because less than 50% of the respondents had sexual intercourse for the first time before reaching the beginning of the age group

**Table 4.7 Recent sexual activity**

Percent distribution of women age 15–49 by timing of most recent sexual intercourse, according to background characteristics, Tajikistan DHS 2023

| Background characteristic                    | Timing of most recent sexual intercourse |                            |                   | Never had sexual intercourse | Total | Number of women |
|----------------------------------------------|------------------------------------------|----------------------------|-------------------|------------------------------|-------|-----------------|
|                                              | Within the past 4 weeks                  | Within 1 year <sup>1</sup> | One or more years |                              |       |                 |
| <b>Age</b>                                   |                                          |                            |                   |                              |       |                 |
| 15–19                                        | 8.6                                      | 4.2                        | 0.3               | 86.9                         | 100.0 | 1,710           |
| 20–24                                        | 50.5                                     | 26.0                       | 5.8               | 17.8                         | 100.0 | 1,616           |
| 25–29                                        | 59.4                                     | 26.8                       | 10.4              | 3.4                          | 100.0 | 1,559           |
| 30–34                                        | 61.2                                     | 24.7                       | 12.5              | 1.6                          | 100.0 | 1,545           |
| 35–39                                        | 63.2                                     | 21.2                       | 13.4              | 2.2                          | 100.0 | 1,435           |
| 40–44                                        | 62.8                                     | 18.0                       | 17.7              | 1.5                          | 100.0 | 1,096           |
| 45–49                                        | 64.4                                     | 17.0                       | 16.9              | 1.6                          | 100.0 | 917             |
| <b>Marital status</b>                        |                                          |                            |                   |                              |       |                 |
| Never married                                | 0.3                                      | 0.2                        | 2.1               | 97.4                         | 100.0 | 1,964           |
| Married or living together                   | 67.7                                     | 25.5                       | 6.8               | 0.0                          | 100.0 | 7,392           |
| Divorced/separated/widowed                   | 1.6                                      | 11.6                       | 86.6              | 0.2                          | 100.0 | 522             |
| <b>Duration of current union<sup>2</sup></b> |                                          |                            |                   |                              |       |                 |
| <1 year                                      | 65.9                                     | 33.5                       | 0.5               | 0.0                          | 100.0 | 380             |
| 1–4 years                                    | 63.9                                     | 29.5                       | 6.6               | 0.0                          | 100.0 | 1,290           |
| 5–9 years                                    | 64.9                                     | 27.5                       | 7.6               | 0.0                          | 100.0 | 1,540           |
| 10–14 years                                  | 67.9                                     | 25.7                       | 6.4               | 0.0                          | 100.0 | 1,536           |
| 15–19 years                                  | 69.1                                     | 24.2                       | 6.8               | 0.0                          | 100.0 | 1,205           |
| 20–24 years                                  | 71.8                                     | 18.5                       | 9.8               | 0.0                          | 100.0 | 711             |
| 25+ years                                    | 74.8                                     | 18.7                       | 6.5               | 0.0                          | 100.0 | 730             |
| <b>Residence</b>                             |                                          |                            |                   |                              |       |                 |
| Urban                                        | 52.3                                     | 13.6                       | 11.5              | 22.6                         | 100.0 | 2,705           |
| Rural                                        | 50.2                                     | 22.1                       | 9.5               | 18.2                         | 100.0 | 7,174           |
| <b>Region</b>                                |                                          |                            |                   |                              |       |                 |
| Dushanbe                                     | 50.5                                     | 11.8                       | 11.5              | 26.2                         | 100.0 | 1,077           |
| GBAO                                         | 50.6                                     | 14.3                       | 9.4               | 25.7                         | 100.0 | 157             |
| Sughd                                        | 49.1                                     | 23.7                       | 9.3               | 17.8                         | 100.0 | 2,780           |
| DRS                                          | 52.8                                     | 18.1                       | 10.7              | 18.4                         | 100.0 | 2,356           |
| Khatlon                                      | 50.9                                     | 20.3                       | 9.9               | 18.9                         | 100.0 | 3,509           |
| <b>FTF districts</b>                         | 49.3                                     | 23.1                       | 9.2               | 18.4                         | 100.0 | 1,937           |
| <b>Education</b>                             |                                          |                            |                   |                              |       |                 |
| None/primary                                 | 54.1                                     | 21.3                       | 12.9              | 11.7                         | 100.0 | 443             |
| General basic                                | 46.7                                     | 18.7                       | 9.8               | 24.9                         | 100.0 | 3,271           |
| General secondary                            | 53.9                                     | 21.2                       | 9.9               | 15.0                         | 100.0 | 4,230           |
| Professional primary/middle                  | 48.3                                     | 21.0                       | 8.2               | 22.5                         | 100.0 | 778             |
| Higher                                       | 51.4                                     | 16.0                       | 11.6              | 20.9                         | 100.0 | 1,157           |
| <b>Wealth quintile</b>                       |                                          |                            |                   |                              |       |                 |
| Lowest                                       | 47.0                                     | 23.5                       | 11.8              | 17.7                         | 100.0 | 1,842           |
| Second                                       | 44.2                                     | 24.5                       | 10.3              | 21.0                         | 100.0 | 1,967           |
| Middle                                       | 51.1                                     | 20.6                       | 9.9               | 18.4                         | 100.0 | 1,966           |
| Fourth                                       | 57.0                                     | 18.5                       | 8.3               | 16.1                         | 100.0 | 1,964           |
| Highest                                      | 54.2                                     | 12.4                       | 10.2              | 23.2                         | 100.0 | 2,140           |
| <b>Total</b>                                 | 50.8                                     | 19.7                       | 10.1              | 19.4                         | 100.0 | 9,879           |

<sup>1</sup> Excludes women who had sexual intercourse within the past 4 weeks

<sup>2</sup> Excludes women who are not currently married

### Key Findings

- **Total fertility rate (TFR):** The TFR in Tajikistan is 3.5 children per woman.
- **Birth intervals:** In Tajikistan, the median interval between births is 32.6 months.
- **Teenage pregnancy:** Among women age 15–19, 7% have ever been pregnant, 3% have ever had a live birth, and less than 1% reported experiencing a pregnancy loss (stillbirth, miscarriage, or abortion).
- **Pregnancy outcomes:** 83% of pregnancies ending in the 3 years preceding the survey resulted in live births, 12% were miscarriages, 1% were stillbirths, and 4% were induced abortions.
- **Induced abortions:** 5% of women age 15–49 in Tajikistan reported having at least one induced abortion in their lifetime.

The number of children that a woman bears depends on many factors, including the age she begins childbearing, how long she waits between births, and her fecundity. Postponing first births and extending the interval between births have played a role in reducing fertility levels in many countries. These factors also have positive health consequences. In contrast, short birth intervals (of less than 24 months) can lead to harmful outcomes for both newborns and their mothers, such as preterm birth, low birth weight, and death. Childbearing at a very young age is associated with an increased risk of complications during pregnancy and childbirth and higher rates of neonatal mortality.

This chapter describes the current level of fertility in Tajikistan and some of its proximate determinants. It presents information on the total fertility rate, birth intervals, insusceptibility to pregnancy (because of postpartum amenorrhea, postpartum abstinence, or menopause), age at first birth, teenage pregnancy, and induced abortion rates.

## 5.1 CURRENT FERTILITY

### Total fertility rate

The average number of children a woman would have by the end of her childbearing years if she bore children at the current age-specific fertility rates. Age-specific fertility rates are calculated for the 3 years before the survey, based on detailed pregnancy histories provided by women.

**Sample:** Women age 15–49



The total fertility rate (TFR) in Tajikistan is 3.5 children per woman (**Table 5.1**). The rate of childbearing peaks at 280 live births per 1,000 women in the 20–24 age group and then declines thereafter. The fertility rate is generally higher among women in rural areas than among those in urban areas, although this difference becomes less pronounced after age 24 (**Table 5.1** and **Table 5.2**). Fertility rates have been highest among women age 20–24 across the last 3 surveys and generally decline with age (**Table 5.3.1** and **Figure 5.1**).

**Trends:** The TFR has remained essentially unchanged since 2012 (**Figure 5.2**).

### Patterns by background characteristics

- The TFR varies slightly by region, with the lowest rate in Dushanbe (3.2) and the highest in Khatlon (3.6) (**Table 5.2** and **Map 5.1**).
- The TFR is lowest among women with a higher education (3.1). TFRs are similar among women with no education or a primary education, a general basic education, and a general secondary education have (3.5–3.6). The TFR is highest among women in the lowest wealth quintile (3.7) and lowest among women in the highest quintile (3.2).

**Figure 5.1 Trends in age-specific fertility**

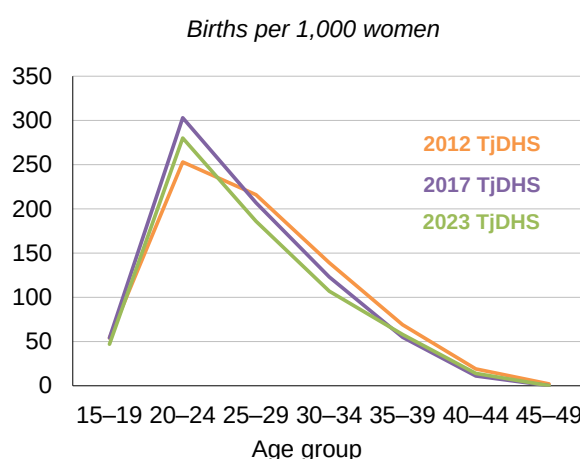
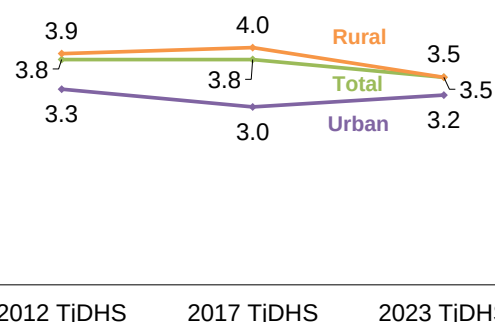


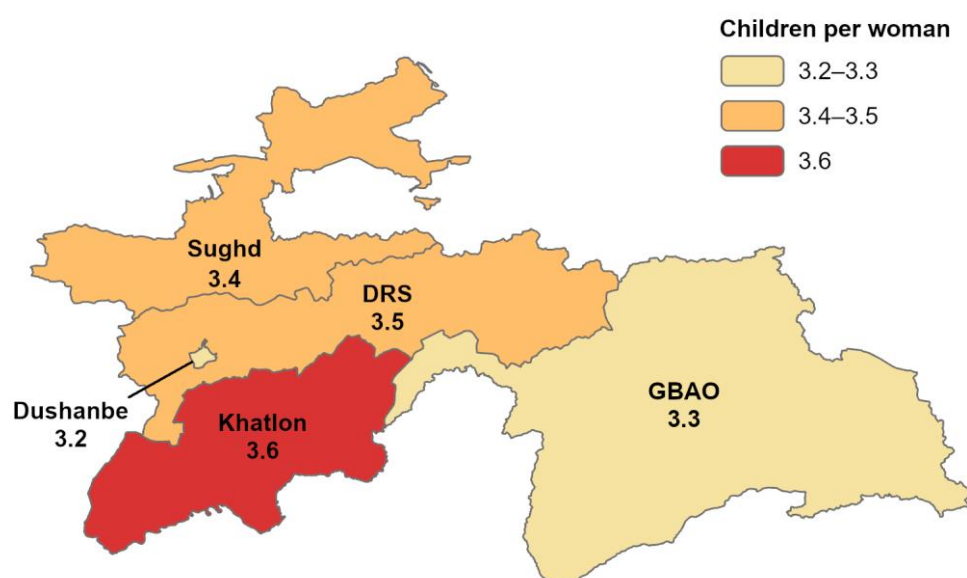
**Figure 5.2 Trends in fertility by residence**

*TFR for the 3 years before each survey*



**Map 5.1 Fertility by region**

*TFR for the 3 years before the survey*



## 5.2 CHILDREN EVER BORN AND LIVING

Overall, women age 15–49 have an average of 2.1 children (**Table 5.4**). Currently married women have an average of 2.7 children, nearly all of whom are still alive (2.6). Among women overall, the average number of children ever born generally increases with age.

## 5.3 BIRTH INTERVALS

### Median birth interval

Number of months since the preceding birth by which half of children are born.

**Sample:** Non-first births in the 5 years before the survey

The World Health Organization (WHO) and other international organizations advise individuals and couples to wait at least 24–36 months between births to lower the likelihood of adverse maternal and child health outcomes (WHO 2006a). In Tajikistan, the median interval between live births is 32.6 months (**Table 5.5**). Thirty-one percent of non-first births occur within 23 months of a previous birth; 25% of births take place between 24 and 35 months after the previous birth, and 44% occur after an interval of 36 months or longer (**Figure 5.3**).

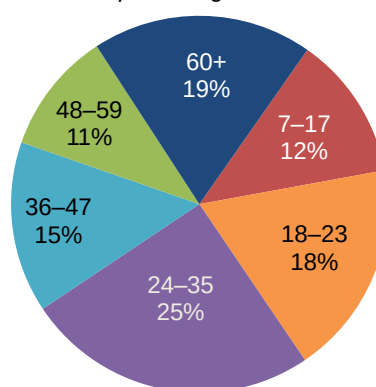
**Trends:** The median birth interval decreased from 30.8 months in 2012 to 28.8 months in 2017 before increasing to 32.6 months in 2023.

### Patterns by background characteristics

- Older mothers (age 30–49) tend to have longer birth intervals than younger mothers (age 15–29).
- The median birth interval is slightly shorter in rural areas than in urban areas (31.8 months versus 35.2 months).

**Figure 5.3 Birth intervals**

*Percent distribution of non-first births by number of months since the preceding birth*



## 5.4 INSUSCEPTIBILITY TO PREGNANCY

### **Postpartum amenorrhea**

The period of time after the end of a pregnancy and before the resumption of menstruation.

### **Postpartum abstinence**

The period of time after the end of a pregnancy and before the resumption of sexual intercourse.

### **Postpartum insusceptibility**

The period of time during which a woman is considered not at risk of pregnancy because she is postpartum amenorrheic and/or abstaining from sexual intercourse postpartum.

### **Median duration of postpartum amenorrhea**

Number of months after the end of a pregnancy by which time half of women have begun menstruating.

**Sample:** Women who had a live birth or stillbirth in the 3 years before the survey

### **Median duration of postpartum insusceptibility**

Number of months after the end of a pregnancy by which time half of women are no longer protected against pregnancy by either postpartum amenorrhea or abstinence from sexual intercourse.

**Sample:** Women who had a live birth or stillbirth in the 3 years before the survey

Overall, 23% of women who gave birth in the 3 years preceding the survey are insusceptible to pregnancy because they are amenorrheic (15%) and/or because they are abstaining from sexual intercourse (15%). Women are amenorrheic for a median of 2.7 months and abstain from sexual intercourse for a median of 2.4 months; the median period of insusceptibility is 4.2 months (**Table 5.6**).

**Trends:** The median duration of postpartum amenorrhea increased from 3.2 months to 4.6 months between 2012 and 2017 before decreasing to 2.7 months in 2023. Over the same period, the median duration of postpartum abstinence increased from 2.0 months to 2.9 months and then fell to 2.4 months. The median duration of postpartum insusceptibility rose from 4.1 months in 2012 to 6.8 months in 2017 before declining to 4.2 months in 2023.

### **Patterns by background characteristics**

- The median duration of postpartum insusceptibility is shorter among women age 15–29 (4.0 months) than among women age 30–49 (4.8 months) (**Table 5.7**).
- The duration of insusceptibility is shorter among urban mothers than rural mothers (3.3 months versus 4.5 months).
- There is no clear relationship between wealth and postpartum insusceptibility.

## 5.5 AGE AT FIRST MENSTRUATION

The mean age at menarche (first menstruation) across all women age 15–49 in Tajikistan is 14.4 years (**Table 5.8**).

## 5.6 ARRIVAL OF MENOPAUSE

### Menopause

Women are considered to have reached menopause if they are neither pregnant nor postpartum amenorrheic and have not had a menstrual period in the 6 months before the survey, if they report being menopausal or having had a hysterectomy, or if they have never menstruated.

**Sample:** Women age 30–49

Nine percent of all women age 30–49 in Tajikistan are menopausal. The percentage of women who are menopausal increases with age, reaching 37% among women age 48–49 (**Table 5.9**).

## 5.7 AGE AT FIRST BIRTH

### Median age at first birth

Age by which half of women have had their first child.

**Sample:** Women age 20–49 and 25–49

The median age at first live birth among women age 25–49 is 21.8 years. Very few women age 25–49 had a live birth by age 15 (less than 1%) or age 18 (2%). Seventy-seven percent of women had a live birth by age 25 (**Table 5.10**).

### Patterns by background characteristics

- Urban women have their first live birth slightly later (median age of 22.3 years) than rural women (median age of 21.7 years) (**Table 5.11**).
- The median age at first birth is highest among women with a higher education (23.4 years) and lowest among those with a general basic education (21.5 years).
- There is substantial variation by region, with women in Gorno-Badakhshan Autonomous Oblast (GBAO) having the highest median age at first birth (24.8 years) and women in Sughd having the lowest (21.4 years).

## 5.8 TEENAGE PREGNANCY

### Teenage pregnancy

Percentage of women age 15–19 who have ever been pregnant.

**Sample:** Women age 15–19

In Tajikistan, 7% of young women age 15–19 have ever been pregnant, 3% have ever had a live birth, and less than 1% reported experiencing a pregnancy loss (stillbirth, miscarriage, or abortion). Five percent of women age 15–19 are currently pregnant (**Table 5.12**). Less than 1% of young women reported initiating sexual intercourse before age 15 (see **Table 4.6**).

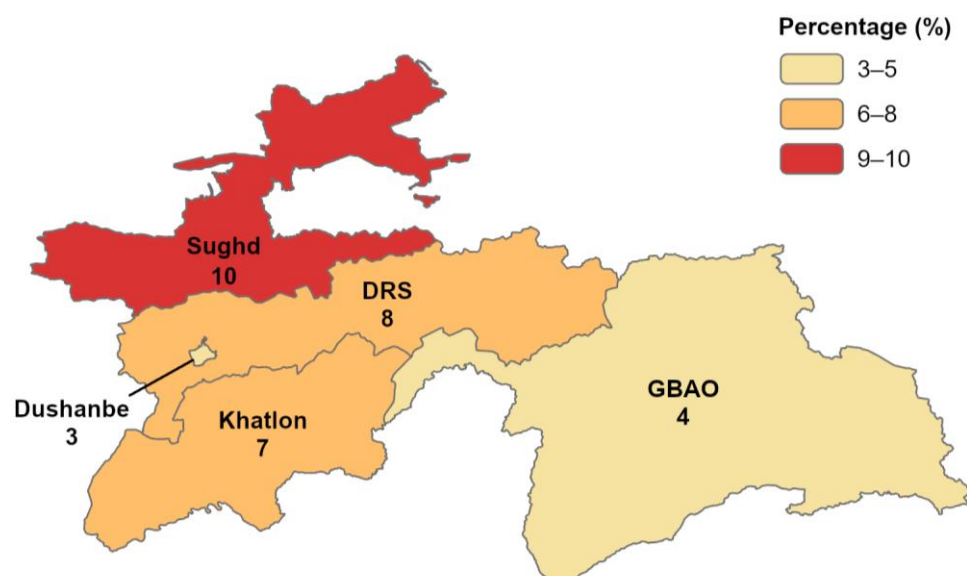
**Trends:** In the 2012 and 2017 surveys, miscarriages, stillbirths, and abortions were not included in the calculation of the teenage pregnancy indicator. Therefore, to estimate trends in teen pregnancy across surveys, the percentage of women age 15–19 who had begun childbearing (that is, who had ever had a live birth or who were pregnant at the time of the interview) was examined. This has remained stable at 7% since 2012.

### Patterns by background characteristics

- The teenage pregnancy rate is lower in urban areas than in rural areas (5% versus 8%).
- Teenage pregnancy varies by region. Three percent of young women living in Dushanbe have ever been pregnant, as compared with 10% of women living in Sughd (**Map 5.2**).

### Map 5.2 Teenage pregnancy by region

Percentage of women age 15–19 who have ever been pregnant



## 5.9 PREGNANCY OUTCOMES

### Pregnancy outcomes

**Live birth:** a child who was born alive, even if for a very short time

**Stillbirth:** a child who was born dead (no signs of life) following a pregnancy that lasted 7 months (28 weeks) or longer

**Miscarriage:** a pregnancy that ended involuntarily before completing 7 months (28 weeks)

**Induced abortion:** a pregnancy that was voluntarily ended

**Sample:** Pregnancies among women age 15–49 ending in the 3 years preceding the survey

Eighty-three percent of pregnancies ending in the 3 years preceding the survey resulted in live births, 12% were miscarriages, 1% were stillbirths, and 4% were induced abortions (**Table 5.13**).

### Patterns by background characteristics

- The percentage of women with live births is highest among those less than age 20 (93%) and lowest among those age 35–44 (70%). Miscarriages (19%) and induced abortions (10%) are higher among women age 35–44 than among their counterparts.
- The percentage of live births is highest among first pregnancies (94%). Conversely, higher-order pregnancies (fifth or higher) are least likely to result in live births (62%) and most likely to result in miscarriages (26%) and induced abortions (12%).
- The percentage of live births is slightly higher in rural areas than in urban areas (85% versus 79%), while the percentage of miscarriages is higher in urban areas (16% versus 10%).

## 5.10 INDUCED ABORTION

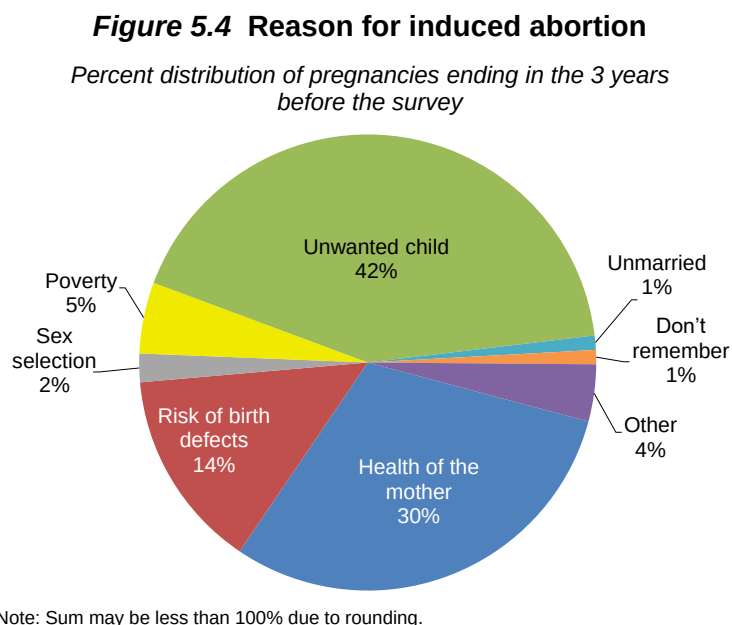
The total abortion rate (TAR) in 2023 is 0.2 abortions per woman and is similar in urban and rural areas (**Table 5.14**). The rate at which women have abortions increases with age, from 1 abortion per 1,000 women in the 15–19 age group to a peak of 11 abortions per 1,000 women in the 25–29 age group. The TAR in 2023 is lower than the rate reported in 2012 and 2017 (0.5 abortions per woman).

Five percent of women age 15–49 in Tajikistan report having at least one induced abortion in their lifetime. Among women who have had an induced abortion, 79% had one abortion, 19% had two to three abortions, and 1% had four or more abortions. The mean number of abortions per woman is 1.3 (**Table 5.15**).

Among women who reported an induced abortion in the 3 years prior to the survey, 42% cited not wanting a child at that time as the main reason, 30% mentioned maternal health concerns, and 14% were worried about the risk of birth defects (**Figure 5.4**).

### Patterns by background characteristics

- The prevalence of induced abortion increases with age, reaching 8% among women age 35 and above (**Table 5.15**).
- A higher percentage of currently married women reported having an induced abortion in their lifetime (6%) than formerly married women (4%) and never-married women (less than 1%).
- The percentage of women reporting induced abortions increases with number of living children. Less than 1% of women with no children reported having an induced abortion, as compared with 10% of women with four or more children.



## LIST OF TABLES

For more information on fertility levels and some of the determinants of fertility, see the following tables:

- **Table 5.1** Current fertility
- **Table 5.2** Fertility by background characteristics
- **Table 5.3.1** Trends in age-specific fertility rates
- **Table 5.3.2** Trends in age-specific and total fertility rates
- **Table 5.4** Children ever born and living
- **Table 5.5** Birth intervals
- **Table 5.6** Postpartum amenorrhea, abstinence, and insusceptibility
- **Table 5.7** Median duration of amenorrhea, postpartum abstinence, and postpartum insusceptibility
- **Table 5.8** Age at first menstruation
- **Table 5.9** Menopause
- **Table 5.10** Age at first birth
- **Table 5.11** Median age at first birth
- **Table 5.12** Teenage pregnancy
- **Table 5.13** Pregnancy outcome by background characteristics
- **Table 5.14** Induced abortion rates
- **Table 5.15** Lifetime experience with induced abortion

**Table 5.1 Current fertility**

Age-specific and total fertility rates, the general fertility rate, and the crude birth rate for the 3 years preceding the survey, according to residence, Tajikistan DHS 2023

| Age group   | Residence |       | Total |
|-------------|-----------|-------|-------|
|             | Urban     | Rural |       |
| 10–14       | [0]       | [0]   | [0]   |
| 15–19       | 36        | 51    | 47    |
| 20–24       | 245       | 292   | 280   |
| 25–29       | 192       | 184   | 186   |
| 30–34       | 107       | 107   | 107   |
| 35–39       | 56        | 58    | 58    |
| 40–44       | 12        | 15    | 14    |
| 45–49       | [2]       | [2]   | [2]   |
| TFR (15–49) | 3.2       | 3.5   | 3.5   |
| GFR         | 112       | 128   | 124   |
| CBR         | 25.4      | 27.8  | 27.1  |

Note: Age-specific fertility rates are per 1,000 women. Estimates in brackets are truncated. Rates are for the period 1–36 months preceding the interview. Rates for the 10–14 age group are based on retrospective data from women age 15–17.

TFR: total fertility rate, expressed per woman

GFR: general fertility rate, expressed per 1,000 women age 15–44

CBR: crude birth rate, expressed per 1,000 population

**Table 5.2 Fertility by background characteristics**

Total fertility rate for the 3 years preceding the survey, percentage of women age 15–49 currently pregnant, and mean number of children ever born to women age 40–49, according to background characteristics, Tajikistan DHS 2023

| Background characteristic   | Total fertility rate | Percent-age of women age 15–49 currently pregnant | Mean number of children ever born to women age 40–49 |
|-----------------------------|----------------------|---------------------------------------------------|------------------------------------------------------|
| <b>Residence</b>            |                      |                                                   |                                                      |
| Urban                       | 3.2                  | 6.6                                               | 3.0                                                  |
| Rural                       | 3.5                  | 8.0                                               | 3.4                                                  |
| <b>Region</b>               |                      |                                                   |                                                      |
| Dushanbe                    | 3.2                  | 6.2                                               | 3.2                                                  |
| GBAO                        | 3.3                  | 5.8                                               | 2.8                                                  |
| Sughd                       | 3.4                  | 7.2                                               | 3.1                                                  |
| DRS                         | 3.5                  | 6.9                                               | 3.5                                                  |
| Khatlon                     | 3.6                  | 8.9                                               | 3.4                                                  |
| <b>FTF districts</b>        | 3.8                  | 8.3                                               | 3.5                                                  |
| <b>Education</b>            |                      |                                                   |                                                      |
| None/primary                | 3.6                  | 7.6                                               | 3.5                                                  |
| General basic               | 3.5                  | 6.8                                               | 3.5                                                  |
| General secondary           | 3.6                  | 8.0                                               | 3.4                                                  |
| Professional primary/middle | 3.6                  | 9.1                                               | 2.9                                                  |
| Higher                      | 3.1                  | 7.4                                               | 2.6                                                  |
| <b>Wealth quintile</b>      |                      |                                                   |                                                      |
| Lowest                      | 3.7                  | 7.8                                               | 3.6                                                  |
| Second                      | 3.5                  | 8.0                                               | 3.3                                                  |
| Middle                      | 3.5                  | 8.9                                               | 3.2                                                  |
| Fourth                      | 3.5                  | 6.9                                               | 3.3                                                  |
| Highest                     | 3.2                  | 6.6                                               | 3.1                                                  |
| <b>Total</b>                | 3.5                  | 7.6                                               | 3.3                                                  |

Note: Total fertility rates are for the period 1–36 months preceding the interview.



**Table 5.3.1 Trends in age-specific fertility rates**

Age-specific fertility rates for 5-year periods preceding the survey, according to age group, Tajikistan DHS 2023

| Age group | Number of years preceding survey |      |       |       |
|-----------|----------------------------------|------|-------|-------|
|           | 0–4                              | 5–9  | 10–14 | 15–19 |
| 10–14     | [0]                              | 0    | 0     | 0     |
| 15–19     | 49                               | 59   | 56    | 39    |
| 20–24     | 274                              | 300  | 254   | 218   |
| 25–29     | 187                              | 211  | 230   | 184   |
| 30–34     | 109                              | 130  | 122   | [133] |
| 35–39     | 53                               | 55   | [69]  |       |
| 40–44     | 15                               | [14] |       |       |
| 45–49     | [2]                              |      |       |       |

Note: Age-specific fertility rates are per 1,000 women. Estimates in brackets are truncated. Rates exclude the month of the interview. For the 0–4 year period, rates for the 10–14 age group are based on retrospective data from women age 15–19.

**Table 5.3.2 Trends in age-specific and total fertility rates**

Age-specific and total fertility rates (TFR) for the 3-year period preceding several surveys, according to mother's age at the time of the birth, Tajikistan DHS 2023

| Mother's age at birth | 2012 TjDHS | 2017 TjDHS | 2023 TjDHS |
|-----------------------|------------|------------|------------|
| 15–19                 | 54         | 54         | 47         |
| 20–24                 | 253        | 303        | 280        |
| 25–29                 | 216        | 207        | 186        |
| 30–34                 | 139        | 123        | 107        |
| 35–39                 | 69         | 55         | 58         |
| 40–44                 | 19         | 11         | 14         |
| 45–49                 | [2]        | [0]        | [2]        |
| TFR (15–49)           | 3.8        | 3.8        | 3.5        |

Note: Age-specific fertility rates are per 1,000 women. Rates for the 45–49 age group may be slightly biased due to truncation and are therefore displayed in brackets.

**Table 5.4 Children ever born and living**

Percent distribution of all women and currently married women age 15–49 by number of children ever born, mean number of children ever born, and mean number of living children, according to age group, Tajikistan DHS 2023

| Age group               | Number of children ever born |      |      |      |      |      |     |     |     |     |     | Total | Number of women | Mean number of children ever born | Mean number of living children |
|-------------------------|------------------------------|------|------|------|------|------|-----|-----|-----|-----|-----|-------|-----------------|-----------------------------------|--------------------------------|
|                         | 0                            | 1    | 2    | 3    | 4    | 5    | 6   | 7   | 8   | 9   | 10+ |       |                 |                                   |                                |
| ALL WOMEN               |                              |      |      |      |      |      |     |     |     |     |     |       |                 |                                   |                                |
| 15–19                   | 97.4                         | 2.6  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 100.0 | 1,710           | 0.0                               | 0.0                            |
| 20–24                   | 40.0                         | 28.9 | 25.5 | 5.3  | 0.2  | 0.0  | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 100.0 | 1,616           | 1.0                               | 0.9                            |
| 25–29                   | 9.2                          | 13.4 | 33.3 | 32.3 | 10.4 | 1.3  | 0.2 | 0.0 | 0.0 | 0.0 | 0.0 | 100.0 | 1,559           | 2.3                               | 2.2                            |
| 30–34                   | 5.7                          | 8.1  | 17.1 | 35.8 | 25.8 | 6.1  | 1.4 | 0.1 | 0.0 | 0.0 | 0.0 | 100.0 | 1,545           | 2.9                               | 2.9                            |
| 35–39                   | 4.3                          | 7.3  | 14.2 | 29.2 | 29.0 | 12.6 | 2.9 | 0.6 | 0.0 | 0.0 | 0.0 | 100.0 | 1,435           | 3.2                               | 3.1                            |
| 40–44                   | 5.3                          | 5.7  | 14.5 | 27.6 | 29.4 | 11.0 | 4.2 | 1.5 | 0.4 | 0.1 | 0.1 | 100.0 | 1,096           | 3.3                               | 3.2                            |
| 45–49                   | 4.9                          | 8.8  | 15.3 | 29.8 | 22.1 | 12.6 | 3.2 | 1.8 | 0.7 | 0.5 | 0.2 | 100.0 | 917             | 3.2                               | 3.1                            |
| Total                   | 27.4                         | 11.1 | 17.2 | 21.6 | 15.2 | 5.4  | 1.4 | 0.4 | 0.1 | 0.1 | 0.0 | 100.0 | 9,879           | 2.1                               | 2.1                            |
| CURRENTLY MARRIED WOMEN |                              |      |      |      |      |      |     |     |     |     |     |       |                 |                                   |                                |
| 15–19                   | 80.3                         | 19.4 | 0.3  | 0.0  | 0.0  | 0.0  | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 100.0 | 220             | 0.2                               | 0.2                            |
| 20–24                   | 26.1                         | 35.3 | 31.7 | 6.7  | 0.1  | 0.0  | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 100.0 | 1,281           | 1.2                               | 1.2                            |
| 25–29                   | 4.8                          | 12.3 | 35.4 | 34.6 | 11.3 | 1.4  | 0.2 | 0.0 | 0.0 | 0.0 | 0.0 | 100.0 | 1,437           | 2.4                               | 2.4                            |
| 30–34                   | 2.7                          | 5.8  | 17.0 | 38.2 | 28.1 | 6.6  | 1.5 | 0.1 | 0.0 | 0.0 | 0.0 | 100.0 | 1,407           | 3.1                               | 3.0                            |
| 35–39                   | 1.6                          | 5.2  | 13.5 | 30.5 | 31.5 | 14.0 | 3.2 | 0.6 | 0.0 | 0.0 | 0.0 | 100.0 | 1,291           | 3.4                               | 3.3                            |
| 40–44                   | 2.3                          | 4.6  | 13.8 | 28.7 | 31.7 | 11.9 | 4.6 | 1.7 | 0.5 | 0.2 | 0.1 | 100.0 | 974             | 3.5                               | 3.4                            |
| 45–49                   | 1.6                          | 7.0  | 14.1 | 32.2 | 24.3 | 13.9 | 3.7 | 1.9 | 0.7 | 0.6 | 0.0 | 100.0 | 781             | 3.4                               | 3.3                            |
| Total                   | 9.1                          | 12.5 | 21.3 | 27.7 | 19.8 | 7.0  | 1.9 | 0.6 | 0.1 | 0.1 | 0.0 | 100.0 | 7,392           | 2.7                               | 2.6                            |

**Table 5.5 Birth intervals**

Percent distribution of non-first live births in the 5 years preceding the survey by number of months since preceding live birth, and median number of months since preceding live birth, according to background characteristics, Tajikistan DHS 2023

| Background characteristic          | Months since preceding live birth |       |       |       |       |      | Total | Number of non-first live births | Median number of months since preceding live birth |
|------------------------------------|-----------------------------------|-------|-------|-------|-------|------|-------|---------------------------------|----------------------------------------------------|
|                                    | 7–17                              | 18–23 | 24–35 | 36–47 | 48–59 | 60+  |       |                                 |                                                    |
| <b>Mother's age</b>                |                                   |       |       |       |       |      |       |                                 |                                                    |
| 15–19                              | nc                                | nc    | nc    | nc    | nc    | nc   | nc    | nc                              | nc                                                 |
| 20–29                              | 18.2                              | 24.8  | 31.3  | 13.9  | 6.6   | 5.2  | 100.0 | 2,010                           | 26.0                                               |
| 30–39                              | 6.0                               | 11.2  | 18.9  | 16.2  | 15.0  | 32.7 | 100.0 | 1,568                           | 46.4                                               |
| 40–49                              | 2.7                               | 10.3  | 10.0  | 9.6   | 14.2  | 53.1 | 100.0 | 175                             | 64.2                                               |
| <b>Sex of preceding birth</b>      |                                   |       |       |       |       |      |       |                                 |                                                    |
| Male                               | 13.5                              | 17.6  | 23.7  | 14.8  | 10.9  | 19.4 | 100.0 | 1,827                           | 33.2                                               |
| Female                             | 11.4                              | 19.2  | 26.4  | 14.5  | 10.0  | 18.5 | 100.0 | 1,926                           | 32.3                                               |
| <b>Survival of preceding birth</b> |                                   |       |       |       |       |      |       |                                 |                                                    |
| Living                             | 11.9                              | 18.5  | 25.2  | 14.7  | 10.5  | 19.2 | 100.0 | 3,649                           | 32.8                                               |
| Dead                               | 30.0                              | 16.1  | 23.7  | 12.2  | 7.7   | 10.3 | 100.0 | 104                             | 25.4                                               |
| <b>Birth order</b>                 |                                   |       |       |       |       |      |       |                                 |                                                    |
| 2–3                                | 14.6                              | 20.9  | 26.5  | 14.6  | 8.3   | 15.0 | 100.0 | 2,659                           | 29.8                                               |
| 4–6                                | 6.8                               | 12.4  | 21.9  | 14.6  | 15.8  | 28.6 | 100.0 | 1,077                           | 43.1                                               |
| 7+                                 | *                                 | *     | *     | *     | *     | *    | *     | *                               | *                                                  |
| <b>Residence</b>                   |                                   |       |       |       |       |      |       |                                 |                                                    |
| Urban                              | 12.5                              | 16.1  | 22.5  | 14.4  | 10.6  | 23.9 | 100.0 | 922                             | 35.2                                               |
| Rural                              | 12.4                              | 19.2  | 26.0  | 14.8  | 10.4  | 17.3 | 100.0 | 2,831                           | 31.8                                               |
| <b>Region</b>                      |                                   |       |       |       |       |      |       |                                 |                                                    |
| Dushanbe                           | 15.4                              | 16.2  | 20.7  | 12.4  | 10.7  | 24.6 | 100.0 | 366                             | 34.3                                               |
| GBAO                               | 13.6                              | 15.2  | 19.9  | 15.8  | 12.9  | 22.7 | 100.0 | 55                              | 37.8                                               |
| Sughd                              | 10.2                              | 15.0  | 28.4  | 14.8  | 10.7  | 20.9 | 100.0 | 1,010                           | 34.4                                               |
| DRS                                | 15.2                              | 17.9  | 22.4  | 15.6  | 9.9   | 19.0 | 100.0 | 893                             | 32.5                                               |
| Khatlon                            | 11.4                              | 21.9  | 25.8  | 14.5  | 10.5  | 15.9 | 100.0 | 1,430                           | 30.9                                               |
| <b>FTF districts</b>               | 12.6                              | 20.9  | 26.7  | 14.4  | 10.7  | 14.7 | 100.0 | 890                             | 30.6                                               |
| <b>Mother's education</b>          |                                   |       |       |       |       |      |       |                                 |                                                    |
| None/primary                       | 10.1                              | 17.0  | 24.5  | 16.7  | 14.2  | 17.6 | 100.0 | 224                             | 35.3                                               |
| General basic                      | 11.1                              | 18.1  | 24.0  | 16.1  | 10.8  | 19.9 | 100.0 | 1,255                           | 33.9                                               |
| General secondary                  | 13.8                              | 18.7  | 25.8  | 14.4  | 9.3   | 17.9 | 100.0 | 1,655                           | 31.2                                               |
| Professional primary/middle        | 12.3                              | 19.1  | 24.0  | 12.3  | 10.9  | 21.3 | 100.0 | 241                             | 32.1                                               |
| Higher                             | 11.8                              | 18.5  | 26.9  | 11.1  | 11.8  | 19.9 | 100.0 | 378                             | 32.3                                               |
| <b>Wealth quintile</b>             |                                   |       |       |       |       |      |       |                                 |                                                    |
| Lowest                             | 10.6                              | 19.5  | 27.0  | 15.8  | 10.4  | 16.7 | 100.0 | 789                             | 32.2                                               |
| Second                             | 10.3                              | 18.7  | 27.0  | 15.5  | 11.3  | 17.2 | 100.0 | 776                             | 33.0                                               |
| Middle                             | 14.8                              | 19.4  | 22.9  | 16.1  | 10.0  | 16.9 | 100.0 | 733                             | 31.6                                               |
| Fourth                             | 12.6                              | 18.9  | 26.3  | 12.7  | 9.6   | 19.9 | 100.0 | 751                             | 31.8                                               |
| Highest                            | 14.0                              | 15.3  | 21.9  | 13.2  | 11.0  | 24.6 | 100.0 | 704                             | 35.2                                               |
| <b>Total</b>                       | 12.4                              | 18.4  | 25.1  | 14.7  | 10.5  | 18.9 | 100.0 | 3,753                           | 32.6                                               |

Note: First-order live births are excluded. The interval for multiple births is the number of months since the preceding pregnancy that ended in a live birth. An asterisk indicates that a figure is based on fewer than 25 unweighted births and has been suppressed.

nc = no cases

**Table 5.6 Postpartum amenorrhea, abstinence, and insusceptibility**

Percentage of live births and stillbirths in the 3 years preceding the survey for which mothers are postpartum amenorrheic, abstaining, and insusceptible, by number of months since birth, and median and mean durations, Tajikistan DHS 2023

| Months since birth | Percentage of births for which the mother is: |            |                            | Number of births <sup>2</sup> |
|--------------------|-----------------------------------------------|------------|----------------------------|-------------------------------|
|                    | Amenorrheic                                   | Abstaining | Insusceptible <sup>1</sup> |                               |
| <2                 | 72.9                                          | 73.2       | 87.8                       | 201                           |
| 2–3                | 42.8                                          | 27.6       | 54.0                       | 195                           |
| 4–5                | 23.9                                          | 22.4       | 38.0                       | 218                           |
| 6–7                | 29.9                                          | 15.9       | 40.2                       | 157                           |
| 8–9                | 13.1                                          | 9.2        | 19.6                       | 187                           |
| 10–11              | 13.0                                          | 11.8       | 24.0                       | 209                           |
| 12–13              | 7.2                                           | 8.6        | 15.5                       | 190                           |
| 14–15              | 8.6                                           | 13.8       | 18.2                       | 162                           |
| 16–17              | 4.3                                           | 9.1        | 11.5                       | 162                           |
| 18–19              | 4.3                                           | 9.0        | 12.6                       | 150                           |
| 20–21              | 7.3                                           | 8.2        | 11.9                       | 173                           |
| 22–23              | 7.2                                           | 7.9        | 14.2                       | 182                           |
| 24–25              | 1.7                                           | 7.9        | 8.6                        | 157                           |
| 26–27              | 0.7                                           | 4.2        | 4.9                        | 160                           |
| 28–29              | 3.0                                           | 8.6        | 10.1                       | 151                           |
| 30–31              | 2.1                                           | 2.5        | 4.6                        | 157                           |
| 32–33              | 2.1                                           | 5.5        | 6.2                        | 164                           |
| 34–35              | 1.4                                           | 5.6        | 7.0                        | 192                           |
| Total              | 14.7                                          | 14.8       | 22.9                       | 3,167                         |
| Median             | 2.7                                           | 2.4        | 4.2                        | na                            |
| Mean               | 5.9                                           | 6.0        | 8.8                        | na                            |

Note: Estimates are based on status at the time of the survey.

na = not applicable

<sup>1</sup> Includes live births and stillbirths for which mothers are either still amenorrheic or still abstaining (or both) following birth

<sup>2</sup> Includes live births and stillbirths

**Table 5.7 Median duration of amenorrhea, postpartum abstinence, and postpartum insusceptibility**

Median number of months of postpartum amenorrhea, postpartum abstinence, and postpartum insusceptibility following live births and stillbirths in the 3 years preceding the survey, according to background characteristics, Tajikistan DHS 2023

| Background characteristic   | Postpartum amenorrhea | Postpartum abstinence | Postpartum insusceptibility <sup>1</sup> |
|-----------------------------|-----------------------|-----------------------|------------------------------------------|
| <b>Mother's age</b>         |                       |                       |                                          |
| 15–29                       | 2.6                   | 2.4                   | 4.0                                      |
| 30–49                       | 3.1                   | (2.4)                 | 4.8                                      |
| <b>Residence</b>            |                       |                       |                                          |
| Urban                       | 2.4                   | 2.0                   | 3.3                                      |
| Rural                       | 2.8                   | 2.6                   | 4.5                                      |
| <b>Region</b>               |                       |                       |                                          |
| Dushanbe                    | (2.4)                 | (2.2)                 | (2.9)                                    |
| GBAO                        | (3.7)                 | *                     | (4.8)                                    |
| Sughd                       | 3.6                   | (2.4)                 | 5.2                                      |
| DRS                         | (1.3)                 | (2.2)                 | 4.1                                      |
| Khatlon                     | 2.7                   | 2.6                   | 4.1                                      |
| <b>FTF districts</b>        | (2.8)                 | (2.6)                 | 5.2                                      |
| <b>Mother's education</b>   |                       |                       |                                          |
| None/primary                | *                     | *                     | *                                        |
| General basic               | (1.8)                 | (1.9)                 | 3.7                                      |
| General secondary           | 3.0                   | 2.7                   | 4.6                                      |
| Professional primary/middle | *                     | *                     | 3.9                                      |
| Higher                      | 3.4                   | (2.8)                 | 4.7                                      |
| <b>Wealth quintile</b>      |                       |                       |                                          |
| Lowest                      | (2.8)                 | (2.5)                 | 4.4                                      |
| Second                      | 3.8                   | 3.0                   | 5.1                                      |
| Middle                      | (2.2)                 | (2.6)                 | 4.8                                      |
| Fourth                      | (2.5)                 | (2.2)                 | 3.2                                      |
| Highest                     | 2.6                   | 1.8                   | 3.8                                      |
| <b>Total</b>                | <b>2.7</b>            | <b>2.4</b>            | <b>4.2</b>                               |

Note: Medians are based on status at the time of the survey (current status). Figures in parentheses are based on 25–49 unweighted births. An asterisk indicates that a figure is based on fewer than 25 unweighted births and has been suppressed.

<sup>1</sup> Includes live births and stillbirths for which mothers are either still amenorrheic or still abstaining (or both) following birth

**Table 5.8 Age at first menstruation**

Percent distribution of women age 15–49 by age at menarche, and mean age at menarche, according to current age, Tajikistan DHS 2023

| Current age | Age at menarche |     |     |      |      |      |      |               | Percent-<br>age who<br>have<br>never<br>menstru-<br>ated | Total | Number<br>of<br>women | Mean<br>age at<br>menar-<br>che | Number<br>of<br>women<br>who<br>have<br>ever<br>menstru-<br>ated <sup>1</sup> |
|-------------|-----------------|-----|-----|------|------|------|------|---------------|----------------------------------------------------------|-------|-----------------------|---------------------------------|-------------------------------------------------------------------------------|
|             | ≤10             | 11  | 12  | 13   | 14   | 15   | ≥16  | Don't<br>know |                                                          |       |                       |                                 |                                                                               |
| 15–19       | 0.3             | 1.9 | 6.4 | 17.6 | 34.9 | 27.5 | 8.5  | 0.0           | 3.0                                                      | 100.0 | 1,710                 | 14.1                            | 1,660                                                                         |
| 20–24       | 0.5             | 0.5 | 5.3 | 15.4 | 33.6 | 27.1 | 17.3 | 0.2           | 0.2                                                      | 100.0 | 1,616                 | 14.3                            | 1,611                                                                         |
| 25–29       | 0.1             | 1.0 | 7.0 | 12.4 | 29.6 | 30.3 | 19.6 | 0.0           | 0.0                                                      | 100.0 | 1,559                 | 14.5                            | 1,558                                                                         |
| 30–34       | 0.3             | 0.4 | 5.3 | 12.7 | 30.5 | 30.9 | 19.3 | 0.6           | 0.0                                                      | 100.0 | 1,545                 | 14.5                            | 1,536                                                                         |
| 35–39       | 0.1             | 1.2 | 4.1 | 13.0 | 29.5 | 29.4 | 21.9 | 0.7           | 0.0                                                      | 100.0 | 1,435                 | 14.6                            | 1,424                                                                         |
| 40–44       | 0.8             | 1.2 | 5.0 | 13.0 | 29.3 | 28.2 | 21.9 | 0.2           | 0.4                                                      | 100.0 | 1,096                 | 14.5                            | 1,090                                                                         |
| 45–49       | 0.5             | 1.3 | 4.9 | 10.1 | 32.3 | 29.0 | 20.4 | 1.4           | 0.2                                                      | 100.0 | 917                   | 14.5                            | 903                                                                           |
| Total       | 0.3             | 1.1 | 5.5 | 13.8 | 31.5 | 28.9 | 17.9 | 0.4           | 0.6                                                      | 100.0 | 9,879                 | 14.4                            | 9,781                                                                         |

<sup>1</sup> Number of women who gave a numeric response**Table 5.9 Menopause**

Percentage of women age 30–49 who are menopausal, according to age, Tajikistan DHS 2023

| Age   | Percentage<br>menopausal <sup>1</sup> | Number of<br>women |
|-------|---------------------------------------|--------------------|
| 30–34 | 1.3                                   | 1,545              |
| 35–39 | 3.7                                   | 1,435              |
| 40–41 | 6.8                                   | 422                |
| 42–43 | 10.6                                  | 460                |
| 44–45 | 13.9                                  | 432                |
| 46–47 | 25.6                                  | 322                |
| 48–49 | 37.1                                  | 377                |
| Total | 8.7                                   | 4,994              |

<sup>1</sup> Percentage of women (1) who are not pregnant, (2) who have had a birth in the past 5 years and are not postpartum amenorrheic, and (3) for whom one of the following additional conditions applies: (a) their last menstrual period occurred 6 or more months preceding the survey, (b) they declared that they are in menopause or have had a hysterectomy, or (c) they have never menstruated

**Table 5.10 Age at first birth**

Percentage of women age 15–49 who had a live birth by specific exact ages, percentage who have never had a live birth, and median age at first live birth, according to current age, Tajikistan DHS 2023

| Current age | Percentage who had a live birth by exact age |     |      |      |      | Percent-<br>age who<br>have never<br>had a live<br>birth | Number of<br>women | Median<br>age at first<br>live birth |
|-------------|----------------------------------------------|-----|------|------|------|----------------------------------------------------------|--------------------|--------------------------------------|
|             | 15                                           | 18  | 20   | 22   | 25   |                                                          |                    |                                      |
| 15–19       | 0.0                                          | na  | na   | na   | na   | 97.4                                                     | 1,710              | a                                    |
| 20–24       | 0.1                                          | 1.2 | 24.3 | na   | na   | 40.0                                                     | 1,616              | a                                    |
| 25–29       | 0.1                                          | 1.1 | 28.5 | 64.4 | 85.8 | 9.2                                                      | 1,559              | 21.0                                 |
| 30–34       | 0.1                                          | 2.3 | 24.9 | 54.5 | 80.6 | 5.7                                                      | 1,545              | 21.7                                 |
| 35–39       | 0.1                                          | 2.4 | 16.5 | 41.4 | 73.4 | 4.3                                                      | 1,435              | 22.6                                 |
| 40–44       | 0.2                                          | 3.8 | 21.4 | 46.4 | 68.1 | 5.3                                                      | 1,096              | 22.4                                 |
| 45–49       | 0.1                                          | 3.4 | 27.6 | 51.6 | 72.0 | 4.9                                                      | 917                | 21.9                                 |
| 20–49       | 0.1                                          | 2.2 | 23.8 | na   | na   | 12.8                                                     | 8,169              | a                                    |
| 25–49       | 0.1                                          | 2.4 | 23.7 | 52.2 | 77.0 | 6.1                                                      | 6,552              | 21.8                                 |

na = not applicable due to censoring

a = omitted because less than 50% of women had a birth before reaching the beginning of the age group

**Table 5.11 Median age at first birth**

Median age at first live birth among women age 25–49, according to background characteristics, Tajikistan DHS 2023

| Background characteristic   | Women age 25–49 |
|-----------------------------|-----------------|
| <b>Residence</b>            |                 |
| Urban                       | 22.3            |
| Rural                       | 21.7            |
| <b>Region</b>               |                 |
| Dushanbe                    | 22.5            |
| GBAO                        | 24.8            |
| Sughd                       | 21.4            |
| DRS                         | 21.7            |
| Khatlon                     | 22.0            |
| <b>FTF districts</b>        | 21.6            |
| <b>Education</b>            |                 |
| None/primary                | 22.5            |
| General basic               | 21.5            |
| General secondary           | 21.6            |
| Professional primary/middle | 22.8            |
| Higher                      | 23.4            |
| <b>Wealth quintile</b>      |                 |
| Lowest                      | 22.2            |
| Second                      | 21.9            |
| Middle                      | 21.7            |
| Fourth                      | 21.3            |
| Highest                     | 22.1            |
| Total                       | 21.8            |

**Table 5.12 Teenage pregnancy**

Percentage of women age 15–19 who have ever had a live birth, percentage who have ever had a pregnancy loss, percentage who are currently pregnant, and percentage who have ever been pregnant, according to background characteristics, Tajikistan DHS 2023

| Background characteristic   | Percentage of women age 15–19 who: |                                             |                        |                         |                                      | Number of women |
|-----------------------------|------------------------------------|---------------------------------------------|------------------------|-------------------------|--------------------------------------|-----------------|
|                             | Have ever had a live birth         | Have ever had a pregnancy loss <sup>1</sup> | Are currently pregnant | Have ever been pregnant | Have begun childbearing <sup>2</sup> |                 |
| <b>Age</b>                  |                                    |                                             |                        |                         |                                      |                 |
| 15                          | 0.0                                | 0.0                                         | 0.0                    | 0.0                     | 0.0                                  | 405             |
| 16                          | 0.0                                | 0.0                                         | 0.0                    | 0.0                     | 0.0                                  | 340             |
| 17                          | 0.0                                | 0.0                                         | 0.4                    | 0.4                     | 0.4                                  | 326             |
| 18                          | 2.6                                | 0.2                                         | 7.5                    | 10.0                    | 10.0                                 | 310             |
| 19                          | 11.0                               | 0.3                                         | 18.3                   | 28.3                    | 28.0                                 | 329             |
| <b>Residence</b>            |                                    |                                             |                        |                         |                                      |                 |
| Urban                       | 2.2                                | 0.1                                         | 2.9                    | 5.0                     | 5.0                                  | 481             |
| Rural                       | 2.7                                | 0.1                                         | 5.8                    | 8.3                     | 8.2                                  | 1,230           |
| <b>Region</b>               |                                    |                                             |                        |                         |                                      |                 |
| Dushanbe                    | 1.4                                | 0.0                                         | 1.3                    | 2.6                     | 2.6                                  | 203             |
| GBAO                        | 1.6                                | 0.0                                         | 2.2                    | 3.9                     | 3.9                                  | 26              |
| Sughd                       | 3.1                                | 0.0                                         | 6.4                    | 9.5                     | 9.5                                  | 473             |
| DRS                         | 3.2                                | 0.3                                         | 5.5                    | 8.3                     | 8.0                                  | 416             |
| Khatlon                     | 2.2                                | 0.1                                         | 4.8                    | 6.7                     | 6.7                                  | 592             |
| <b>FTF districts</b>        | 1.9                                | 0.2                                         | 5.4                    | 7.3                     | 7.3                                  | 336             |
| <b>Education</b>            |                                    |                                             |                        |                         |                                      |                 |
| None/primary                | (5.0)                              | (0.0)                                       | (12.4)                 | (17.4)                  | (17.4)                               | 33              |
| General basic               | 1.4                                | 0.1                                         | 2.6                    | 3.8                     | 3.6                                  | 817             |
| General secondary           | 4.3                                | 0.1                                         | 7.6                    | 11.5                    | 11.5                                 | 634             |
| Professional primary/middle | 0.9                                | 0.0                                         | 6.1                    | 7.0                     | 7.0                                  | 126             |
| Higher                      | 2.9                                | 0.0                                         | 4.2                    | 7.1                     | 7.1                                  | 100             |
| <b>Wealth quintile</b>      |                                    |                                             |                        |                         |                                      |                 |
| Lowest                      | 1.5                                | 0.0                                         | 4.7                    | 5.3                     | 5.3                                  | 297             |
| Second                      | 2.0                                | 0.2                                         | 2.8                    | 4.8                     | 4.8                                  | 358             |
| Middle                      | 2.5                                | 0.3                                         | 6.3                    | 8.8                     | 8.5                                  | 339             |
| Fourth                      | 4.4                                | 0.0                                         | 8.2                    | 12.3                    | 12.3                                 | 315             |
| Highest                     | 2.7                                | 0.0                                         | 3.4                    | 6.0                     | 6.0                                  | 402             |
| <b>Total</b>                | 2.6                                | 0.1                                         | 5.0                    | 7.3                     | 7.3                                  | 1,710           |

Note: Figures in parentheses are based on 25–49 unweighted cases.

<sup>1</sup> Stillbirth, miscarriage, or abortion

<sup>2</sup> Women who have had a live birth or who are currently pregnant; excludes women who have had only a pregnancy that resulted in stillbirth, miscarriage, or abortion. This indicator should be used when making comparisons with TJDHS surveys implemented prior to 2023.



**Table 5.13 Pregnancy outcome by background characteristics**

Percent distribution of pregnancies ending in the 3 years preceding the survey by type of outcome, according to background characteristics, Tajikistan DHS 2023

| Background characteristic       | Pregnancy outcome |                         |                          |                  | Total | Number of pregnancies |
|---------------------------------|-------------------|-------------------------|--------------------------|------------------|-------|-----------------------|
|                                 | Live birth        | Stillbirth <sup>1</sup> | Miscarriage <sup>2</sup> | Induced abortion |       |                       |
| <b>Age at pregnancy outcome</b> |                   |                         |                          |                  |       |                       |
| <20                             | 93.2              | 0.5                     | 5.2                      | 1.1              | 100.0 | 242                   |
| 20–24                           | 89.3              | 0.3                     | 7.9                      | 2.5              | 100.0 | 1,493                 |
| 25–34                           | 80.0              | 0.5                     | 14.6                     | 4.8              | 100.0 | 1,697                 |
| 35–44                           | 70.3              | 1.2                     | 18.5                     | 10.0             | 100.0 | 384                   |
| 45–49                           | *                 | *                       | *                        | *                | *     | *                     |
| <b>Pregnancy order</b>          |                   |                         |                          |                  |       |                       |
| First                           | 94.1              | 0.3                     | 5.0                      | 0.7              | 100.0 | 900                   |
| Second                          | 92.5              | 0.3                     | 6.2                      | 1.1              | 100.0 | 881                   |
| Third                           | 82.5              | 0.9                     | 12.6                     | 4.0              | 100.0 | 832                   |
| Fourth                          | 75.5              | 0.9                     | 16.2                     | 7.4              | 100.0 | 662                   |
| Fifth or higher                 | 61.7              | 0.1                     | 26.4                     | 11.8             | 100.0 | 558                   |
| <b>Residence</b>                |                   |                         |                          |                  |       |                       |
| Urban                           | 79.1              | 0.7                     | 16.3                     | 3.9              | 100.0 | 1,015                 |
| Rural                           | 84.8              | 0.4                     | 10.4                     | 4.4              | 100.0 | 2,817                 |
| <b>Region</b>                   |                   |                         |                          |                  |       |                       |
| Dushanbe                        | 72.3              | 1.1                     | 22.4                     | 4.2              | 100.0 | 449                   |
| GBAO                            | 86.7              | 0.4                     | 9.1                      | 3.8              | 100.0 | 47                    |
| Sughd                           | 86.8              | 0.6                     | 8.8                      | 3.8              | 100.0 | 1,003                 |
| DRS                             | 80.6              | 0.2                     | 14.5                     | 4.7              | 100.0 | 926                   |
| Khatlon                         | 85.9              | 0.4                     | 9.2                      | 4.5              | 100.0 | 1,408                 |
| <b>FTF districts</b>            | 88.2              | 0.0                     | 8.3                      | 3.5              | 100.0 | 823                   |
| <b>Education</b>                |                   |                         |                          |                  |       |                       |
| None/primary                    | 87.4              | 0.6                     | 10.0                     | 2.0              | 100.0 | 176                   |
| General basic                   | 78.6              | 0.3                     | 15.1                     | 6.0              | 100.0 | 1,128                 |
| General secondary               | 85.7              | 0.4                     | 10.2                     | 3.8              | 100.0 | 1,701                 |
| Professional primary/middle     | 85.5              | 1.0                     | 10.7                     | 2.9              | 100.0 | 359                   |
| Higher                          | 82.6              | 0.9                     | 12.4                     | 4.1              | 100.0 | 468                   |
| <b>Wealth quintile</b>          |                   |                         |                          |                  |       |                       |
| Lowest                          | 85.7              | 0.1                     | 9.1                      | 5.1              | 100.0 | 727                   |
| Second                          | 84.5              | 0.4                     | 11.4                     | 3.7              | 100.0 | 739                   |
| Middle                          | 83.5              | 0.4                     | 11.0                     | 5.1              | 100.0 | 793                   |
| Fourth                          | 83.6              | 0.7                     | 11.8                     | 3.8              | 100.0 | 798                   |
| Highest                         | 79.3              | 0.7                     | 16.2                     | 3.9              | 100.0 | 775                   |
| <b>Total</b>                    | 83.3              | 0.5                     | 11.9                     | 4.3              | 100.0 | 3,832                 |

Note: An asterisk indicates that a figure is based on fewer than 25 unweighted cases and has been suppressed.

<sup>1</sup> Stillbirths are fetal deaths in pregnancies lasting 28 or more weeks. When pregnancy duration is reported in months, stillbirths are fetal death in pregnancies lasting 7 or more months.

<sup>2</sup> Miscarriages are fetal deaths in pregnancies lasting less than 28 weeks. When pregnancy duration is reported in months, miscarriages are fetal deaths in pregnancies lasting less than 7 months.

**Table 5.14 Induced abortion rates**

Age-specific and total induced abortion rates, and general abortion rates, for the 3 years preceding the survey, according to residence, Tajikistan DHS 2023

| Age group   | Residence |       | Total |
|-------------|-----------|-------|-------|
|             | Urban     | Rural |       |
| 10–14       | [0]       | [0]   | [0]   |
| 15–19       | [0]       | [1]   | [1]   |
| 20–24       | 6         | 8     | 8     |
| 25–29       | 11        | 11    | 11    |
| 30–34       | 8         | 5     | 6     |
| 35–39       | 6         | 9     | 8     |
| 40–44       | 1         | 2     | 2     |
| 45–49       | [0]       | [4]   | [3]   |
| TAR (15–49) | 0.2       | 0.2   | 0.2   |
| GAR         | 6         | 7     | 6     |

Note: Age-specific induced abortion rates are per 1,000 women. Estimates in brackets are truncated. Rates are for the period 1–36 months preceding the interview. Rates for the 10–14 age group are based on retrospective data from women age 15–17.

TAR: total induced abortion rate, expressed per woman

GAR: general induced abortion rate, expressed per 1,000 women age 15–44

**Table 5.15 Lifetime experience with induced abortion**

Percentage of women who have had at least one induced abortion, and among these women, percent distribution by number of abortions, and the mean number of abortions according to background characteristics, Tajikistan DHS 2023

| Background characteristic        | Percentage of women with an induced abortion | Number of women | Among women who had an abortion, percent distribution by number of abortions |        |       |       | Total   | Mean number of abortions | Number of women with abortions |
|----------------------------------|----------------------------------------------|-----------------|------------------------------------------------------------------------------|--------|-------|-------|---------|--------------------------|--------------------------------|
|                                  |                                              |                 | 1                                                                            | 2–3    | 4–5   | 6+    |         |                          |                                |
| <b>Age</b>                       |                                              |                 |                                                                              |        |       |       |         |                          |                                |
| <20                              | 0.1                                          | 1,710           | *                                                                            | *      | *     | *     | *       | *                        | 1                              |
| 20–24                            | 2.1                                          | 1,616           | (87.0)                                                                       | (13.0) | (0.0) | (0.0) | (100.0) | (1.1)                    | 34                             |
| 25–34                            | 5.5                                          | 3,104           | 80.7                                                                         | 18.3   | 0.9   | 0.0   | 100.0   | 1.2                      | 171                            |
| 35+                              | 8.3                                          | 3,448           | 77.5                                                                         | 20.9   | 1.6   | 0.0   | 100.0   | 1.3                      | 285                            |
| <b>Number of living children</b> |                                              |                 |                                                                              |        |       |       |         |                          |                                |
| 0                                | 0.3                                          | 2,732           | *                                                                            | *      | *     | *     | *       | *                        | 7                              |
| 1                                | 1.8                                          | 1,123           | *                                                                            | *      | *     | *     | *       | *                        | 20                             |
| 2–3                              | 6.6                                          | 3,981           | 81.6                                                                         | 18.4   | 0.0   | 0.0   | 100.0   | 1.2                      | 263                            |
| 4+                               | 9.8                                          | 2,043           | 76.6                                                                         | 20.3   | 3.1   | 0.0   | 100.0   | 1.3                      | 201                            |
| <b>Marital status</b>            |                                              |                 |                                                                              |        |       |       |         |                          |                                |
| Never married                    | 0.1                                          | 1,964           | *                                                                            | *      | *     | *     | *       | *                        | 3                              |
| Currently married                | 6.3                                          | 7,392           | 79.0                                                                         | 19.7   | 1.3   | 0.0   | 100.0   | 1.3                      | 466                            |
| Formerly married                 | 4.3                                          | 522             | (82.7)                                                                       | (17.3) | (0.0) | (0.0) | (100.0) | (1.2)                    | 23                             |
| <b>Residence</b>                 |                                              |                 |                                                                              |        |       |       |         |                          |                                |
| Urban                            | 5.2                                          | 2,705           | 77.5                                                                         | 21.3   | 1.2   | 0.0   | 100.0   | 1.3                      | 142                            |
| Rural                            | 4.9                                          | 7,174           | 80.1                                                                         | 18.7   | 1.3   | 0.0   | 100.0   | 1.3                      | 350                            |
| <b>Region</b>                    |                                              |                 |                                                                              |        |       |       |         |                          |                                |
| Dushanbe                         | 6.5                                          | 1,077           | 80.7                                                                         | 17.8   | 1.5   | 0.0   | 100.0   | 1.3                      | 70                             |
| GBAO                             | 4.2                                          | 157             | (77.3)                                                                       | (22.7) | (0.0) | (0.0) | (100.0) | (1.2)                    | 7                              |
| Sughd                            | 4.3                                          | 2,780           | 82.4                                                                         | 16.6   | 1.0   | 0.0   | 100.0   | 1.2                      | 119                            |
| DRS                              | 5.7                                          | 2,356           | 76.1                                                                         | 23.9   | 0.0   | 0.0   | 100.0   | 1.3                      | 135                            |
| Khatlon                          | 4.6                                          | 3,509           | 79.2                                                                         | 18.4   | 2.4   | 0.0   | 100.0   | 1.3                      | 160                            |
| <b>FTF districts</b>             | 3.8                                          | 1,937           | 77.3                                                                         | 19.6   | 3.1   | 0.0   | 100.0   | 1.3                      | 74                             |
| <b>Education</b>                 |                                              |                 |                                                                              |        |       |       |         |                          |                                |
| None/primary                     | 4.2                                          | 443             | *                                                                            | *      | *     | *     | *       | *                        | 18                             |
| General basic                    | 6.2                                          | 3,271           | 76.6                                                                         | 21.8   | 1.6   | 0.0   | 100.0   | 1.3                      | 204                            |
| General secondary                | 4.2                                          | 4,230           | 79.8                                                                         | 18.5   | 1.6   | 0.0   | 100.0   | 1.2                      | 176                            |
| Professional primary/middle      | 4.5                                          | 778             | (92.1)                                                                       | (7.9)  | (0.0) | (0.0) | (100.0) | (1.1)                    | 35                             |
| Higher                           | 5.1                                          | 1,157           | 78.4                                                                         | 21.6   | 0.0   | 0.0   | 100.0   | 1.2                      | 59                             |
| <b>Wealth quintile</b>           |                                              |                 |                                                                              |        |       |       |         |                          |                                |
| Lowest                           | 4.4                                          | 1,842           | 78.4                                                                         | 21.6   | 0.0   | 0.0   | 100.0   | 1.2                      | 81                             |
| Second                           | 4.4                                          | 1,967           | 81.7                                                                         | 17.5   | 0.8   | 0.0   | 100.0   | 1.2                      | 86                             |
| Middle                           | 5.4                                          | 1,966           | 76.5                                                                         | 20.9   | 2.7   | 0.0   | 100.0   | 1.3                      | 106                            |
| Fourth                           | 4.9                                          | 1,964           | 83.4                                                                         | 15.0   | 1.7   | 0.0   | 100.0   | 1.3                      | 96                             |
| Highest                          | 5.7                                          | 2,140           | 77.6                                                                         | 21.6   | 0.8   | 0.0   | 100.0   | 1.3                      | 123                            |
| <b>Total</b>                     | 5.0                                          | 9,879           | 79.3                                                                         | 19.4   | 1.3   | 0.0   | 100.0   | 1.3                      | 491                            |

Note: Currently married includes respondents in consensual union (living together). Formerly married includes divorced, separated, and widowed respondents. Figures in parentheses are based on 25–49 unweighted cases. An asterisk indicates that a figure is based on fewer than 25 unweighted cases and has been suppressed.

## FERTILITY PREFERENCES

### Key Findings

- **Desire for another child:** 30% of currently married women age 15–49 want to have another child in the future.
- **Ideal family size:** The mean ideal family size is 3.4 children among women overall and 3.7 children among currently married women.
- **Fertility planning status:** 89% of all pregnancies that occurred in the 3 years before the survey were wanted at the time of conception, 5% were wanted later, and 6% were not wanted.
- **Wanted fertility:** The wanted fertility rate is 3.2 children per woman, while the total fertility rate is 3.5 children per woman.

Information on fertility preferences can help family planning program planners assess the desire for children, the extent of mistimed and unwanted pregnancies, and the demand for contraception to space or limit births. This information suggests the direction that fertility patterns could take in the future.

This chapter presents information on whether and when married women want more children, their ideal family size, whether the most recent birth was wanted, and the theoretical fertility rate if all unwanted births were prevented.

### 6.1 DESIRE FOR ANOTHER CHILD

#### Desire for another child

Women were asked whether they wanted more children and, if so, how long they would prefer to wait before the birth of the next child. Women who are sterilized are assumed not to want any more children.

**Sample:** Currently married women age 15–49

Overall, 19% of currently married women want to have another child soon (within the next 2 years), 5% want to have another child later (in 2 or more years), and 6% want to have another child but have not decided when (**Table 6.1**). Thirty-seven percent of currently married women declared that they want no more children or that they are sterilized. Twenty-five percent are undecided about whether they want more children.

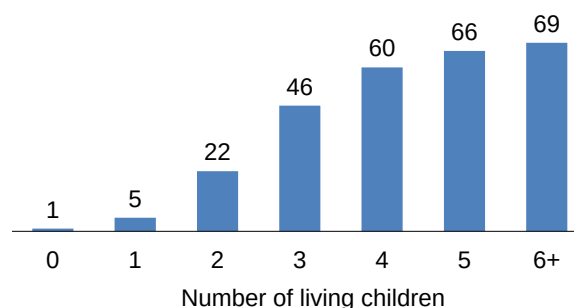
**Trends:** The percentage of currently married women age 15–49 who want no more children or are sterilized decreased from 44% in the 2012 and 2017 TjDHS surveys to 37% in the 2023 TjDHS.

### Patterns by background characteristics

- The percentage of married women who want no more children is higher in Sughd (49%) than in the other regions (31%–34%) (**Table 6.2**).
- The percentage of currently married women who want no more children increases significantly with increasing number of living children, from 1% among those with no children to 69% among those with six or more children (**Figure 6.1**).

**Figure 6.1** Desire to limit childbearing by number of living children

*Percentage of currently married women age 15–49 who want no more children*



## 6.2 IDEAL FAMILY SIZE

### Ideal family size

Respondents with no children were asked “If you could choose exactly the number of children to have in your whole life, how many would that be?” Respondents who had children were asked “If you could go back to the time when you did not have any children and could choose exactly the number of children to have in your whole life, how many would that be?”

**Sample:** Women age 15–49

The mean ideal family size among all women age 15–49 in Tajikistan is 3.4 children (**Table 6.3**). The mean ideal family size is slightly higher among currently married women (3.7 children).

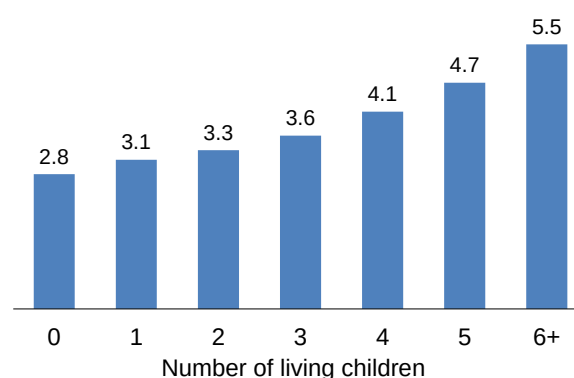
**Trends:** The mean ideal family size decreased slightly from the 2012 TjDHS to the 2017 TjDHS (from 3.6 to 3.4 children among all women and from 3.8 to 3.7 children among currently married women) and has since remained unchanged.

### Patterns by background characteristics

- The mean ideal number of children among all women increases from 2.7 children among those age 15–19 to 3.8 children among those age 40–44 before decreasing slightly to 3.7 among those age 45–49 (**Table 6.4**).
- Urban women, on average, have a slightly smaller ideal family size (3.3) than rural women (3.5).
- Mean ideal family size decreases slightly with increasing household wealth, from 3.6 children in the lowest wealth quintile to 3.3 children in the highest quintile.
- Mean ideal family size increases with increasing number of living children, from 2.8 children among women with no children to 5.5 children among those with six or more children (**Figure 6.2**).

**Figure 6.2** Ideal family size by number of living children

*Mean ideal number of children*



## 6.3 FERTILITY PLANNING STATUS

### Planning status of births/pregnancies

Women reported whether their births/pregnancies were wanted at the time (planned birth), at a later time (mistimed birth), or not at all (unwanted birth).

**Sample:** Current pregnancies and live births in the 3 years before the survey among women age 15–49 and all pregnancy outcomes in the 3 years before the survey among women age 15–49

Eighty-nine percent of all pregnancies in the 3 years preceding the survey were wanted at the time of conception, 5% were wanted later, and 6% were not wanted (Table 6.5).

With respect to all pregnancy outcomes during the 3-year period before the survey, the vast majority of current pregnancies (94%) and live births (95%) were wanted, while slightly less than two-thirds of miscarriages (63%) were wanted. Among pregnancies that resulted in abortions, more than half (59%) were either mistimed (23%) or unwanted (36%) (Figure 6.3).

**Trends:** The percentage of live births in the 3 years preceding the survey that were wanted at the time of conception has remained relatively stable over the past decade (93% in 2012 and 94% in 2023). The percentage of live births that were unwanted has also remained stable (3%).

### Patterns by background characteristics

- The percentage of live births that were wanted at the time of conception decreases with increasing birth order, from 98% among first births to 88% among fourth- and higher-order births (Table 6.5).
- The percentage of unwanted births increases with mother's age at birth, from less than 1% among women under age 20 at the time of birth to 14% among women age 40–44.

## 6.4 WANTED FERTILITY RATES

### Unwanted birth

Any birth in excess of the number of children a woman reported as her ideal number.

### Wanted birth

Any birth less than or equal to the number of children a woman reported as her ideal number.

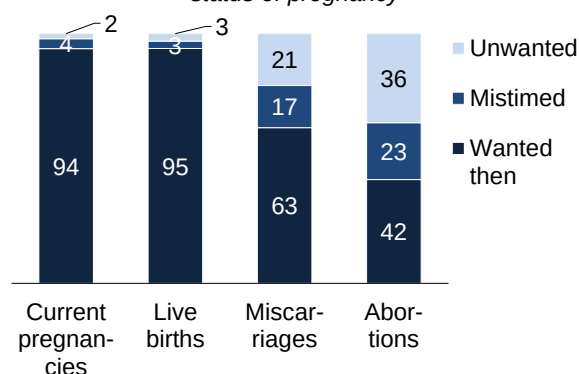
### Wanted fertility rate

The average number of children a woman would have by the end of her childbearing years if she bore children at the current age-specific fertility rates, excluding unwanted births.

**Sample:** Women age 15–49

**Figure 6.3 Fertility planning status**

*Percent distribution of pregnancy outcomes among women age 15–49 in the 3 years before the survey by planning status of pregnancy*



Note: Sum may be greater than 100% due to rounding.

The wanted fertility rate is a measure of the potential demographic impact of fertility that would have prevailed in the 3 years preceding the survey if all unwanted births had been avoided. The total wanted fertility rate and the total fertility rate are calculated in the same manner. A birth is considered wanted if

the number of living children at the time of conception is lower than the ideal number of children reported by the woman. **Table 6.6** shows total wanted fertility rates and total fertility rates for the 3 years preceding the survey according to background characteristics.

The total wanted fertility rate is 3.2 children, while the actual fertility rate is 3.5 children; thus, on average, women are having 0.3 more children than they want (**Table 6.6**).

**Trends:** The total wanted fertility rate in Tajikistan increased from 3.3 in 2012 to 3.5 in 2017 before declining to 3.2 in 2023. The difference between the wanted and the actual fertility rate declined slightly from 0.5 in 2012 to 0.3 in 2017 and remained at 0.3 in 2023 (**Figure 6.4**).

#### Patterns by background characteristics

- The gap between wanted and actual fertility is minimal in both rural areas (0.2 children) and urban areas (0.1 children).
- The gap between wanted and actual fertility is larger in Khatlon (0.4 children) and Districts of Republican Subordination (DRS) (0.3 children) than in the other regions (0.1 children).

#### LIST OF TABLES

For more information on fertility preferences, see the following tables:

- **Table 6.1** Fertility preferences according to number of living children
- **Table 6.2** Desire to limit childbearing
- **Table 6.3** Ideal number of children according to number of living children
- **Table 6.4** Mean ideal number of children according to background characteristics
- **Table 6.5** Fertility planning status
- **Table 6.6** Wanted fertility rates

**Figure 6.4 Trends in wanted and actual fertility**

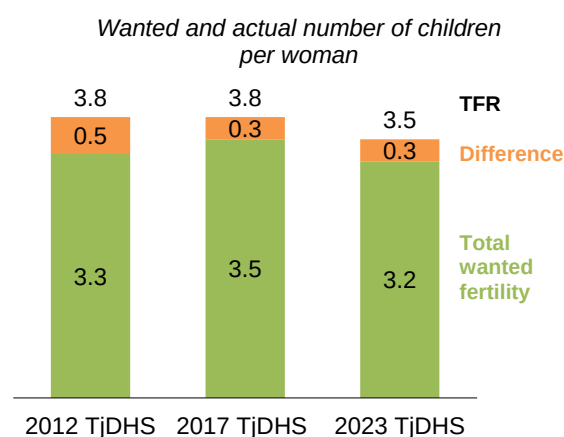


**Table 6.1 Fertility preferences according to number of living children**

Percent distribution of currently married women age 15–49 by desire for children, according to number of living children, Tajikistan DHS 2023

| Desire for children             | Number of living children <sup>1</sup> |       |       |       |       |       |       | Total 15–49 |
|---------------------------------|----------------------------------------|-------|-------|-------|-------|-------|-------|-------------|
|                                 | 0                                      | 1     | 2     | 3     | 4     | 5     | 6+    |             |
| Have another soon <sup>2</sup>  | 50.5                                   | 36.2  | 24.7  | 12.4  | 6.8   | 4.3   | 4.3   | 18.9        |
| Have another later <sup>3</sup> | 0.1                                    | 11.4  | 7.8   | 4.3   | 1.3   | 0.9   | 0.8   | 4.9         |
| Have another, undecided when    | 3.1                                    | 10.3  | 9.2   | 5.8   | 2.7   | 1.8   | 3.3   | 6.1         |
| Undecided                       | 15.0                                   | 25.1  | 28.3  | 26.8  | 23.6  | 22.5  | 18.5  | 25.1        |
| Want no more                    | 1.2                                    | 4.8   | 21.1  | 43.1  | 56.7  | 60.9  | 66.7  | 34.8        |
| Sterilized <sup>4</sup>         | 0.0                                    | 0.6   | 1.3   | 2.5   | 3.4   | 5.1   | 1.9   | 2.2         |
| Declared infecund               | 30.2                                   | 11.7  | 7.6   | 5.3   | 5.5   | 4.3   | 4.6   | 8.1         |
| Total                           | 100.0                                  | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0       |
| Number of women                 | 449                                    | 1,009 | 1,629 | 2,196 | 1,494 | 478   | 137   | 7,392       |

<sup>1</sup> The number of living children includes the current pregnancy.<sup>2</sup> Wants next birth within 2 years<sup>3</sup> Wants to delay next birth for 2 or more years<sup>4</sup> Includes both female and male sterilization**Table 6.2 Desire to limit childbearing**

Percentage of currently married women age 15–49 who want no more children by number of living children, according to background characteristics, Tajikistan DHS 2023

| Background characteristic       | Number of living children <sup>1</sup> |       |      |      |      |        |        | Total |
|---------------------------------|----------------------------------------|-------|------|------|------|--------|--------|-------|
|                                 | 0                                      | 1     | 2    | 3    | 4    | 5      | 6+     |       |
| <b>Residence</b>                |                                        |       |      |      |      |        |        |       |
| Urban                           | 0.0                                    | 5.7   | 21.2 | 45.4 | 65.3 | 75.2   | (81.8) | 36.8  |
| Rural                           | 1.6                                    | 5.2   | 22.9 | 45.6 | 58.4 | 63.8   | 66.8   | 37.0  |
| <b>Region</b>                   |                                        |       |      |      |      |        |        |       |
| Dushanbe                        | 0.0                                    | 4.9   | 13.8 | 37.3 | 60.1 | 72.0   | *      | 32.3  |
| GBAO                            | (0.0)                                  | 1.0   | 18.0 | 44.7 | 65.8 | *      | *      | 33.9  |
| Sughd                           | 1.3                                    | 5.2   | 33.2 | 64.7 | 80.3 | (89.7) | *      | 48.8  |
| DRS                             | 1.0                                    | 3.1   | 17.7 | 31.5 | 53.7 | 63.2   | 59.5   | 31.0  |
| Khatlon                         | 1.5                                    | 7.0   | 18.1 | 37.1 | 51.4 | 60.3   | (67.3) | 32.7  |
| <b>FTF districts</b>            | 0.0                                    | 3.4   | 13.1 | 33.6 | 47.0 | 57.0   | *      | 29.2  |
| <b>Education</b>                |                                        |       |      |      |      |        |        |       |
| None/primary                    | *                                      | (6.4) | 18.1 | 48.0 | 59.0 | (60.4) | *      | 41.3  |
| General basic                   | 0.9                                    | 5.6   | 26.2 | 44.2 | 61.8 | 71.2   | 83.1   | 43.0  |
| General secondary               | 0.8                                    | 6.1   | 22.5 | 45.5 | 58.7 | 61.8   | 54.6   | 35.5  |
| Professional primary/<br>middle | (0.0)                                  | 4.6   | 11.4 | 48.6 | 58.2 | *      | *      | 27.3  |
| Higher                          | 4.2                                    | 2.6   | 23.8 | 47.0 | 61.9 | *      | *      | 30.9  |
| <b>Wealth quintile</b>          |                                        |       |      |      |      |        |        |       |
| Lowest                          | 1.3                                    | 3.7   | 20.4 | 39.2 | 53.3 | 60.4   | (58.1) | 36.1  |
| Second                          | 0.0                                    | 3.9   | 25.1 | 46.8 | 57.6 | 69.2   | *      | 37.5  |
| Middle                          | 0.0                                    | 5.5   | 20.6 | 47.2 | 60.5 | 64.8   | *      | 36.2  |
| Fourth                          | 4.2                                    | 7.1   | 22.6 | 46.2 | 63.1 | 67.7   | *      | 37.2  |
| Highest                         | 0.0                                    | 5.7   | 23.0 | 46.8 | 67.5 | 74.0   | (73.3) | 37.8  |
| Total                           | 1.2                                    | 5.3   | 22.4 | 45.5 | 60.1 | 66.1   | 68.6   | 37.0  |

Note: Women who have been sterilized or whose husband has been sterilized are considered to want no more children. Figures in parentheses are based on 25–49 unweighted cases. An asterisk indicates that a figure is based on fewer than 25 unweighted cases and has been suppressed.

<sup>1</sup> The number of living children includes the current pregnancy.



**Table 6.3 Ideal number of children according to number of living children**

Percent distribution of women age 15–49 by ideal number of children, and mean ideal number of children for all respondents and for currently married respondents, according to number of living children, Tajikistan DHS 2023

| Ideal number of children                              | Number of living children <sup>1</sup> |       |       |       |       |       |       | Total |
|-------------------------------------------------------|----------------------------------------|-------|-------|-------|-------|-------|-------|-------|
|                                                       | 0                                      | 1     | 2     | 3     | 4     | 5     | 6+    |       |
| 0                                                     | 6.0                                    | 0.8   | 0.4   | 1.0   | 0.4   | 0.5   | 0.5   | 2.0   |
| 1                                                     | 1.5                                    | 5.0   | 0.3   | 0.5   | 0.2   | 0.4   | 0.0   | 1.2   |
| 2                                                     | 41.6                                   | 33.0  | 30.5  | 8.6   | 4.3   | 3.1   | 0.8   | 22.7  |
| 3                                                     | 12.3                                   | 13.8  | 14.8  | 27.8  | 2.2   | 4.3   | 0.7   | 14.4  |
| 4                                                     | 27.4                                   | 40.0  | 48.6  | 53.9  | 78.4  | 40.6  | 34.3  | 47.5  |
| 5                                                     | 2.4                                    | 3.9   | 3.0   | 5.4   | 6.5   | 28.7  | 5.2   | 5.3   |
| 6+                                                    | 2.7                                    | 2.8   | 1.8   | 2.4   | 7.7   | 21.4  | 57.0  | 4.9   |
| Non-numeric responses                                 | 6.1                                    | 0.7   | 0.5   | 0.5   | 0.3   | 1.1   | 1.5   | 1.9   |
| Total                                                 | 100.0                                  | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| Number of women                                       | 2,492                                  | 1,182 | 1,761 | 2,282 | 1,537 | 487   | 139   | 9,879 |
| <b>Mean ideal number of children for:<sup>2</sup></b> |                                        |       |       |       |       |       |       |       |
| All women                                             | 2.8                                    | 3.1   | 3.3   | 3.6   | 4.1   | 4.7   | 5.5   | 3.4   |
| Number of women                                       | 2,339                                  | 1,174 | 1,752 | 2,271 | 1,532 | 481   | 137   | 9,686 |
| Currently married women                               | 3.3                                    | 3.3   | 3.3   | 3.6   | 4.1   | 4.7   | 5.5   | 3.7   |
| Number of currently married women                     | 445                                    | 1,002 | 1,620 | 2,186 | 1,490 | 473   | 135   | 7,350 |

<sup>1</sup> The number of living children includes the current pregnancy.

<sup>2</sup> Means are calculated excluding respondents who gave non-numeric responses.

**Table 6.4 Mean ideal number of children according to background characteristics**

Mean ideal number of children for all women age 15–49, according to background characteristics, Tajikistan DHS 2023

| Background characteristic   | Mean | Number of women <sup>1</sup> |
|-----------------------------|------|------------------------------|
| <b>Age</b>                  |      |                              |
| 15–19                       | 2.7  | 1,588                        |
| 20–24                       | 3.3  | 1,584                        |
| 25–29                       | 3.5  | 1,549                        |
| 30–34                       | 3.6  | 1,541                        |
| 35–39                       | 3.7  | 1,424                        |
| 40–44                       | 3.8  | 1,091                        |
| 45–49                       | 3.7  | 910                          |
| <b>Residence</b>            |      |                              |
| Urban                       | 3.3  | 2,658                        |
| Rural                       | 3.5  | 7,028                        |
| <b>Region</b>               |      |                              |
| Dushanbe                    | 3.3  | 1,073                        |
| GBAO                        | 3.4  | 154                          |
| Sughd                       | 3.4  | 2,733                        |
| DRS                         | 3.5  | 2,307                        |
| Khatlon                     | 3.5  | 3,420                        |
| <b>FTF districts</b>        | 3.3  | 1,889                        |
| <b>Education</b>            |      |                              |
| None/primary                | 3.6  | 439                          |
| General basic               | 3.4  | 3,190                        |
| General secondary           | 3.5  | 4,149                        |
| Professional primary/middle | 3.3  | 765                          |
| Higher                      | 3.2  | 1,143                        |
| <b>Wealth quintile</b>      |      |                              |
| Lowest                      | 3.6  | 1,784                        |
| Second                      | 3.5  | 1,918                        |
| Middle                      | 3.5  | 1,933                        |
| Fourth                      | 3.4  | 1,940                        |
| Highest                     | 3.3  | 2,111                        |
| Total                       | 3.4  | 9,686                        |

<sup>1</sup> Number of women who gave a numeric response

**Table 6.5 Fertility planning status**

Percent distribution of live births and current pregnancies among women age 15–49 in the 3 years preceding the survey by planning status of the pregnancy, according to birth order and mother's age at birth, and percent distribution of all pregnancy outcomes among women age 15–49 in the 3 years preceding the survey by planning status of the pregnancy, according to type of pregnancy outcome, Tajikistan DHS 2023

| Characteristic                           | Planning status of pregnancy outcome |              |                | Total | Number of pregnancy outcomes <sup>1</sup> |
|------------------------------------------|--------------------------------------|--------------|----------------|-------|-------------------------------------------|
|                                          | Wanted then                          | Wanted later | Wanted no more |       |                                           |
| LIVE BIRTHS AND CURRENT PREGNANCIES      |                                      |              |                |       |                                           |
| <b>Birth order</b>                       |                                      |              |                |       |                                           |
| 1                                        | 97.5                                 | 1.7          | 0.8            | 100.0 | 1,141                                     |
| 2                                        | 95.8                                 | 3.9          | 0.3            | 100.0 | 1,043                                     |
| 3                                        | 94.3                                 | 4.2          | 1.5            | 100.0 | 925                                       |
| 4+                                       | 88.2                                 | 2.9          | 8.9            | 100.0 | 833                                       |
| <b>Mother's age at birth<sup>2</sup></b> |                                      |              |                |       |                                           |
| <20                                      | 96.9                                 | 2.9          | 0.2            | 100.0 | 297                                       |
| 20–24                                    | 95.9                                 | 3.3          | 0.8            | 100.0 | 1,617                                     |
| 25–29                                    | 94.4                                 | 3.1          | 2.6            | 100.0 | 1,088                                     |
| 30–34                                    | 93.3                                 | 3.0          | 3.7            | 100.0 | 588                                       |
| 35–39                                    | 89.2                                 | 1.6          | 9.2            | 100.0 | 286                                       |
| 40–44                                    | 79.8                                 | 5.9          | 14.3           | 100.0 | 62                                        |
| 45–49                                    | *                                    | *            | *              | 100.0 | 5                                         |
| Total                                    | 94.3                                 | 3.1          | 2.5            | 100.0 | 3,943                                     |
| ALL PREGNANCY OUTCOMES                   |                                      |              |                |       |                                           |
| <b>Pregnancy outcome type</b>            |                                      |              |                |       |                                           |
| Current pregnancies                      | 93.6                                 | 4.3          | 2.2            | 100.0 | 752                                       |
| Live births                              | 94.5                                 | 2.8          | 2.6            | 100.0 | 3,191                                     |
| Stillbirths                              | *                                    | *            | *              | 100.0 | 19                                        |
| Miscarriages                             | 62.5                                 | 16.9         | 20.6           | 100.0 | 458                                       |
| Abortions                                | 41.9                                 | 22.5         | 35.6           | 100.0 | 165                                       |
| Total                                    | 89.2                                 | 5.2          | 5.6            | 100.0 | 4,584                                     |

Note: Pregnancy outcome refers to a miscarriage, abortion, live birth, or stillbirth. Some pregnancies produce multiple outcomes, for example in the case of twins. In this table, each pregnancy outcome is counted individually. Therefore, a pregnancy is counted more than once if it produces multiple births (live births or stillbirths). Current pregnancies, miscarriages, and abortions are always counted as one pregnancy outcome. An asterisk indicates that a figure is based on fewer than 25 unweighted cases and has been suppressed.

<sup>1</sup> For pregnancies that resulted in multiple outcomes (for example, twins), each outcome is counted individually.

<sup>2</sup> For current pregnancies, the maternal age at birth is estimated as the mother's expected age at the time of the birth.

**Table 6.6 Wanted fertility rates**

Total wanted fertility rates and total fertility rates for the 3 years preceding the survey, according to background characteristics, Tajikistan DHS 2023

| Background characteristic   | Total wanted fertility rate | Total fertility rate |
|-----------------------------|-----------------------------|----------------------|
| <b>Residence</b>            |                             |                      |
| Urban                       | 3.1                         | 3.2                  |
| Rural                       | 3.3                         | 3.5                  |
| <b>Region</b>               |                             |                      |
| Dushanbe                    | 3.1                         | 3.2                  |
| GBAO                        | 3.2                         | 3.3                  |
| Sughd                       | 3.3                         | 3.4                  |
| DRS                         | 3.2                         | 3.5                  |
| Khatlon                     | 3.2                         | 3.6                  |
| <b>FTF districts</b>        | 3.4                         | 3.8                  |
| <b>Education</b>            |                             |                      |
| None/primary                | 3.4                         | 3.6                  |
| General basic               | 3.2                         | 3.5                  |
| General secondary           | 3.3                         | 3.6                  |
| Professional primary/middle | 3.3                         | 3.6                  |
| Higher                      | 2.9                         | 3.1                  |
| <b>Wealth quintile</b>      |                             |                      |
| Lowest                      | 3.4                         | 3.7                  |
| Second                      | 3.2                         | 3.5                  |
| Middle                      | 3.3                         | 3.5                  |
| Fourth                      | 3.1                         | 3.5                  |
| Highest                     | 3.1                         | 3.2                  |
| Total                       | 3.2                         | 3.5                  |

Note: Rates are calculated based on births to women age 15–49 in the period 1–36 months preceding the survey. The total fertility rates are the same as those presented in Table 5.2.

### Key Findings

- **Contraceptive use:** Overall, 32% of currently married women use a method of family planning, with 28% using a modern method and 3% using a traditional method. The intrauterine device (IUD) is the most commonly used method (18%), followed by the male condom (4%).
- **Sources of contraceptive methods:** The majority of users of modern contraceptive methods (82%) obtain their methods from the public sector, with health centers (urban/rayon/rural) being the most common source (61%).
- **Contraceptive discontinuation:** Among contraceptive episodes experienced by women age 15–49 in the 5 years preceding the survey, 36% were discontinued within 12 months for any reason. Across all methods of contraception, the most common reason for discontinuation was the desire to become pregnant (35%).
- **Unmet need for family planning:** 21% of currently married women age 15–49 in Tajikistan have an unmet need for family planning (13% for spacing and 8% for limiting).
- **Demand for family planning:** The total demand for family planning that is satisfied is 61%; over half (54%) of the total demand is satisfied by modern methods.

Couples can use contraceptive methods to limit or space the number of children they have. This chapter presents information on use and sources of contraceptive methods, informed choice of methods, and rates and reasons for discontinuing contraceptives. It also examines the potential demand for family planning and how much contact nonusers have with family planning providers.

## 7.1 CONTRACEPTIVE KNOWLEDGE AND USE

High percentages of all women (91%), currently married women (98%), and sexually active unmarried women (87%) know of at least one contraceptive method (**Table 7.1**). The intrauterine device (IUD) is the most commonly known method among currently married women (96%), followed by the pill (91%) and the male condom (88%).

### Contraceptive prevalence

Percentage of women who use any contraceptive method.

**Sample:** All women age 15–49, currently married women age 15–49, and sexually active unmarried women age 15–49

### Modern methods

Include male and female sterilization, intrauterine devices (IUDs), injectables, implants, contraceptive pills, male and female condoms, emergency contraception, and the lactational amenorrhea method.

The contraceptive prevalence among all women is 24%, with 21% using modern methods. Contraceptive prevalence is higher among currently married women (32%), with 28% using modern methods. The IUD (18%) is by far the most widely used method among married women. Four percent report use of the male condom, 2% are using the pill, and 2% have been sterilized. Three percent of women report use of a traditional method, mostly withdrawal (**Table 7.3** and **Figure 7.1**).

The percentage of currently married women using any contraceptive method increases from 4% among those age 15–19 to a peak of 44% among those age 35–39 before declining to 29% among those age 45–49. The IUD is the most widely used method in all but the 15–19 age group, where the most commonly used methods are the lactational amenorrhea method and the male condom.

**Trends:** The use of modern contraceptive methods among currently married women has increased gradually over time, rising from 26% in 2012 to 28% in 2023. The use of traditional contraceptive methods among currently married women has remained stable during the past decade (2% in 2012 and 2017 and 3% in 2023) (**Table 7.4.1** and **Figure 7.2**).

### Patterns by background characteristics

- Use of modern contraceptives is substantially higher among currently married women with three or four children (38%) and five or more children (40%) than among women with no children (1%) (**Table 7.4.2**).

**Figure 7.1 Contraceptive use**

Percentage of women age 15–49 currently using a contraceptive method

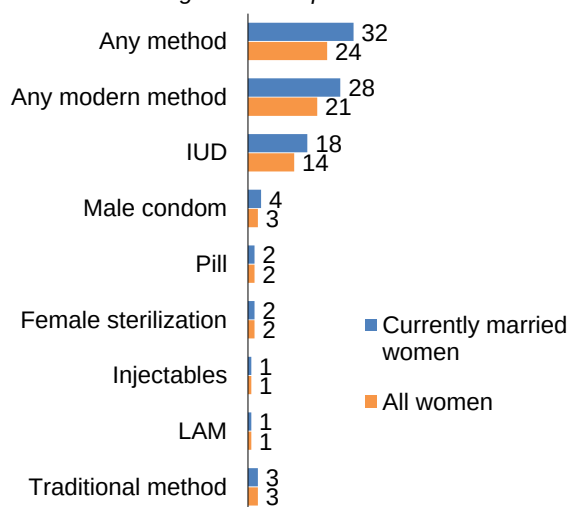
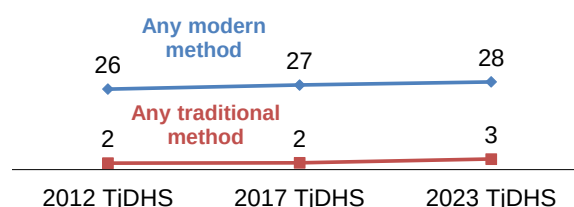


**Figure 7.2 Trends in contraceptive use**

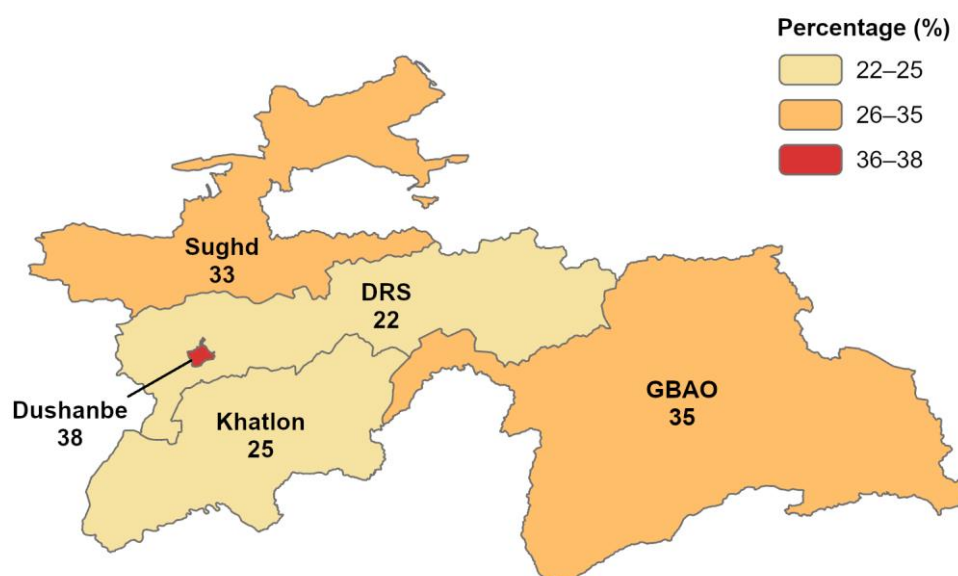
Percentage of currently married women currently using a contraceptive method



- There is a notable difference in use of modern contraceptive methods between urban and rural areas. Use of modern contraception is higher among currently married women living in urban areas (33%) than among those living in rural areas (27%).
- By region, the percentage of currently married women using modern contraceptive methods ranges from 22% in Districts of Republican Subordination (DRS) to 38% in Dushanbe (**Map 7.1**).

### Map 7.1 Modern contraceptive use by region

*Percentage of currently married women age 15–49 using a modern contraceptive method*



- Use of modern contraceptive methods generally increases with increasing household wealth; 37% of currently married women in the highest wealth quintile use modern contraception, as compared with 23% of those in the lowest quintile.

Use of contraception at the time of conception is low (**Table 7.5**). A modern method was used at the time of conception in only 3% of pregnancies in the 3 years preceding the survey that resulted in an induced abortion or a miscarriage. In 2% of pregnancies resulting in an induced abortion or a miscarriage, a traditional method was used, primarily withdrawal.

Use of sterilization is not common in Tajikistan (2% among all women). The median age at sterilization is 32.7 years. Among women who have been sterilized, 35% undergo the procedure between age 30 and age 34 (**Table 7.6**).

#### 7.1.1 Use of Emergency Contraception

Overall, 2% of women age 15–49 in Tajikistan have used emergency contraception in the past 12 months. Use of emergency contraception is higher among women age 30–34 (4%) than among women in both younger (age 15–19) (less than 1%) and older (age 45–49) (1%) age groups. Use of emergency contraception in the past 12 months is highest in Dushanbe (3%) (**Table 7.7**).

#### 7.1.2 Knowledge of the Fertile Period

Only 25% of women age 15–49 have correct knowledge of the fertile period during the ovulatory cycle, indicating a general lack of awareness about fertility among women. Knowledge of the fertile period increases with age, from 8% among women age 15–19 to 30% among women age 35–49 (**Table 7.8**).

## 7.2 SOURCE OF MODERN CONTRACEPTIVE METHODS

### Source of modern contraceptives

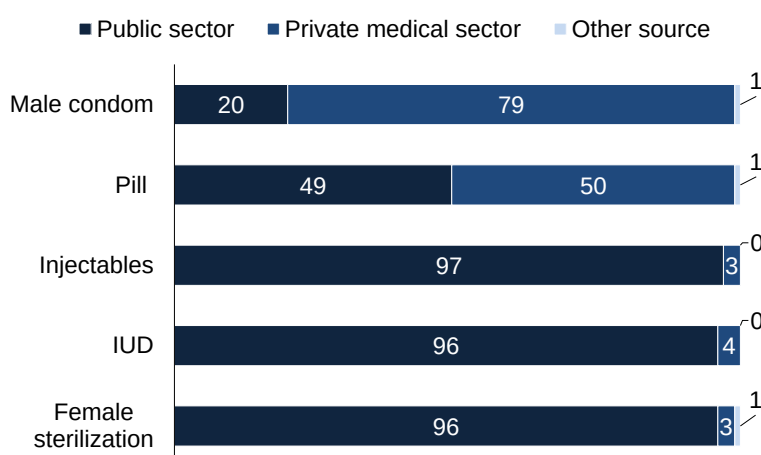
The place where the modern method currently being used was obtained the last time it was acquired.

**Sample:** Women age 15–49 currently using a modern contraceptive method

The majority of users of modern contraceptive methods (82%) obtain their methods from the public sector, with health centers (urban/rural) being the most common source (61%). A substantial percentage of pill users (50%) and male condom users (79%) acquire their methods from the private medical sector, particularly from pharmacies. Public maternity homes and health centers are the predominant sources of female sterilization and IUDs (Table 7.9 and Figure 7.3).

**Figure 7.3 Source of modern contraceptive methods**

Percent distribution of current users of modern methods age 15–49 by most recent source of method



## 7.3 INFORMED CHOICE

### Informed choice

Informed choice indicates that women were informed about their method's side effects, about what to do if they experience side effects, and about other methods they could use.

**Sample:** Women age 15–49 who are currently using selected modern contraceptive methods and who started the last episode of use within the 5 years before the survey

A substantial percentage of women currently using modern contraceptives were informed about possible side effects or problems associated with the method they used (90%), and 92% were advised on what to do if they experienced side effects. Eighty-nine percent of women were informed about other methods that they could use. Overall, 85% of women currently using modern contraceptive methods were provided with all three types of information at the time they started their last episode of use (Table 7.10). Women who obtained their contraceptives from the private medical sector were less informed across all categories than those who obtained their contraceptives from the public medical sector.

## 7.4 DISCONTINUATION OF CONTRACEPTIVES

### Contraceptive discontinuation rate

Percentage of contraceptive use episodes discontinued within 12 months.

**Sample:** Episodes of contraceptive use in the 5 years before the survey experienced by women who are currently age 15–49 (one woman may contribute more than one episode)

Among contraceptive episodes experienced by women age 15–49 in the 5 years preceding the survey, 36% were discontinued within 12 months for any reason (**Table 7.11**). The discontinuation rate was lowest among contraceptive episodes in which women used IUDs (22%).

Across all methods of contraception, the most common reason for discontinuation was the desire to become pregnant (35%). Among women using modern contraceptive methods, 42% of IUD users, 20% of users of injectables, 28% of pill users, and 40% of male condom users reported the desire to become pregnant as their reason for discontinuation. Women most commonly reported that they discontinued use of the withdrawal method because they wanted to become pregnant (27%) or because their husband disapproved (26%) (**Table 7.12**).

## 7.5 DEMAND FOR FAMILY PLANNING

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                                                                                                           |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------|
| <b>Unmet need for family planning</b><br>Percentage of women who: <ol style="list-style-type: none"> <li>(1) are not pregnant and not postpartum amenorrheic and are considered fecund and want to postpone their next birth for 2 or more years or stop childbearing altogether but are not using a contraceptive method, or</li> <li>(2) have a mistimed or unwanted current pregnancy, or</li> <li>(3) are postpartum amenorrheic and their most recent birth in the past 2 years was mistimed or unwanted.</li> </ol> |                                                                                                                           |
| <b>Met need for family planning</b><br>Current contraceptive use (any method).<br><b>Sample:</b> All women age 15–49, currently married women age 15–49, and sexually active unmarried women age 15–49                                                                                                                                                                                                                                                                                                                    |                                                                                                                           |
| <b>Demand for family planning:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | Unmet need for family planning<br>+ met need (current contraceptive use [any method])                                     |
| <b>Proportion of demand satisfied:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | $\frac{\text{Current contraceptive use (any method)}}{\text{Unmet need + current contraceptive use (any method)}}$        |
| <b>Proportion of demand satisfied by modern methods:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | $\frac{\text{Current contraceptive use (any modern method)}}{\text{Unmet need + current contraceptive use (any method)}}$ |

**Table 7.13.1** presents data on unmet need, met need, and total demand for family planning among currently married women. These indicators help evaluate the extent to which family planning programs in Tajikistan are meeting the demand for services.



Twenty-one percent of currently married women age 15–49 in Tajikistan have an unmet need for family planning (13% for spacing and 8% for limiting). Thirty-two percent of married women have a met need for family planning; that is, they are currently using contraception (**Figure 7.4**). The total demand for family planning is 52%, indicating that if all married women who said they want to space or limit their children were to use family planning methods, contraceptive prevalence would increase from 32% to 52%. The total demand for family planning that is satisfied is 61%; 54% of the total demand is satisfied by modern methods (**Table 7.13.1**).

Unmet need is somewhat lower among all women than among married women. Sixteen percent of all women have an unmet need for family planning (10% for spacing and 6% for limiting) (**Table 7.13.2**).

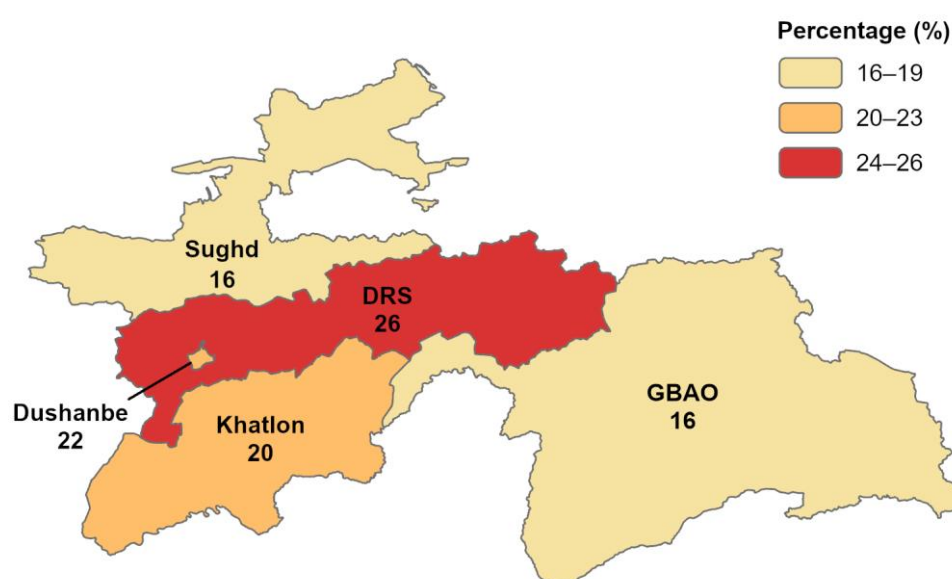
**Trends:** Total demand for family planning among currently married women age 15–49 has remained stable over the past decade, increasing only slightly from 51% in 2012 to 52% in 2017 and 2023. Unmet need for family planning increased from 26% to 27% between 2012 and 2017 and then decreased to 21% in 2023.

### Patterns by background characteristics

- Currently married women age 25–29 have the highest total unmet need for family planning (26%). After age 29, unmet need decreases with age, to a low of 7% among women age 45–49 (**Table 7.13.1**).
- Unmet need among currently married women is lowest in Gorno-Badakhshan Autonomous Oblast (GBAO) and Sughd (16%) and highest in DRS (26%) (**Table 7.13.1** and **Map 7.2**).

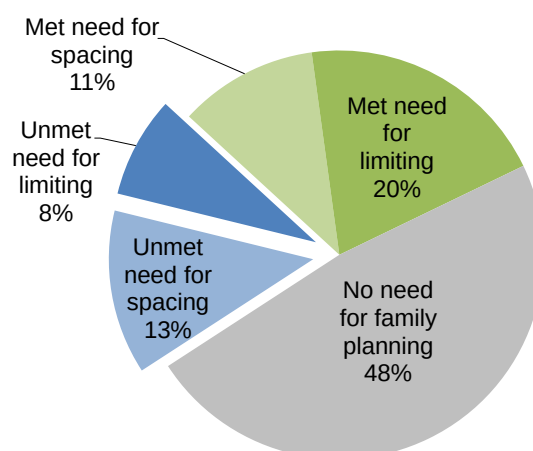
### Map 7.2 Unmet need for family planning by region

Percentage of currently married women age 15–49 with unmet need for family planning



### Figure 7.4 Demand for family planning

Percent distribution of currently married women age 15–49 by need for family planning



- Percentage of demand satisfied is slightly higher among urban women (64%) than among rural women (59%) (**Table 7.13.1**).

## 7.6 DECISION MAKING ABOUT FAMILY PLANNING AND OPINION ABOUT USING FAMILY PLANNING

Forty percent of currently married women reported that they made the decision to use or not use family planning methods jointly with their husband/partner, with 30% saying that their opinion and the opinion of their husband or partner were equally important. Twenty-seven percent said that they made their own decision, and 31% reported that their husband/partner mainly made the decision (**Table 7.14**). Overall, 67% of currently married women participate (either alone or jointly) in decision making about family planning (**Table 7.15**). Participation in decision making about family planning generally increases with age, number of living children, and household wealth. For example, 54% of women in the lowest wealth quintile and 77% in the highest quintile participate in decision making about family planning (**Table 7.15**).

## 7.7 PRESSURE TO BECOME PREGNANT AND FUTURE USE OF CONTRACEPTION

Overall, 3% of currently married women report that they were ever pressured by their husband/partner or any other family member to become pregnant when they did not want to. There is variation by region; only 1% of women in GBAO reported ever being pressured by their husband/partner or another family member, as compared with 3% of women in Dushanbe, DRS, and Khatlon (**Table 7.16**).

Twenty-two percent of currently married women age 15–49 who are not using a contraceptive method intend to use contraception in the future, while 47% do not intend to use contraception in the future and 31% are unsure (**Table 7.17**). The percentage of currently married women who intend to use contraception rises with number of living children, from 14% among those with no children to 24% among those with four or more children.

## 7.8 EXPOSURE TO FAMILY PLANNING MESSAGES

**Table 7.18** presents information on women's exposure to family planning messages through various sources in the 12 months before the survey. Television is the most common source of family planning messages (38%), followed by newspapers and magazines (21%); posters, leaflets, or brochures (15%); and social media (15%). However, 52% of currently married women reported that they had no exposure to family planning messages through any of the eight specified sources.

## 7.9 CONTACT OF NONUSERS WITH FAMILY PLANNING PROVIDERS

### Contact of nonusers with family planning providers

Respondent discussed family planning in the 12 months before the survey with a medical worker or during a visit to a health facility.

**Sample:** Women age 15–49 who are not currently using any contraceptive methods

A substantial percentage of women who are not using contraception did not discuss family planning either with a medical worker or at a health facility in the past 12 months. Specifically, 54% of these women had no such discussions (**Table 7.19**).

### Patterns by background characteristics

- Among women who are not using contraception, a higher percentage of those in rural areas (57%) than urban areas (47%) did not discuss family planning either with a medical worker or at a health facility in the past 12 months (**Table 7.19**).

- The percentage of women not using contraception who did not discuss family planning either with a medical worker or at a health facility in the past 12 months is higher among those age 15–19 (81%) than among those in the other age groups (38%–58%).

## LIST OF TABLES

For more information on family planning, see the following tables:

- **Table 7.1** Knowledge of contraceptive methods
- **Table 7.2** Knowledge of contraceptive methods according to background characteristics
- **Table 7.3** Current use of contraception according to age
- **Table 7.4.1** Trends in current use of contraception
- **Table 7.4.2** Current use of contraception according to background characteristics
- **Table 7.5** Use of contraception before pregnancy
- **Table 7.6** Timing of sterilization
- **Table 7.7** Use of emergency contraception
- **Table 7.8** Knowledge of fertile period by age
- **Table 7.9** Source of modern contraception methods
- **Table 7.10** Informed choice
- **Table 7.11** Twelve-month contraceptive discontinuation rates
- **Table 7.12** Reasons for discontinuation
- **Table 7.13.1** Need and demand for family planning among currently married women
- **Table 7.13.2** Need and demand for family planning among all women
- **Table 7.14** Decision making about family planning
- **Table 7.15** Decision making about family planning by background characteristics
- **Table 7.16** Pressure to become pregnant
- **Table 7.17** Future use of contraception
- **Table 7.18** Exposure to family planning messages
- **Table 7.19** Contact of nonusers with family planning providers

**Table 7.1 Knowledge of contraceptive methods**

Percentage of all women, currently married women, and sexually active unmarried women age 15–49 who have heard of any contraceptive method, according to specific method, Tajikistan DHS 2023

| Method                                      | All women | Currently married women | Sexually active unmarried women <sup>1</sup> |
|---------------------------------------------|-----------|-------------------------|----------------------------------------------|
| <b>Any method</b>                           | 91.3      | 98.1                    | 87.3                                         |
| <b>Any modern method</b>                    | 91.2      | 98.0                    | 87.3                                         |
| Female sterilization                        | 67.7      | 75.7                    | 64.0                                         |
| Male sterilization                          | 27.2      | 30.8                    | 16.9                                         |
| IUD                                         | 88.7      | 96.1                    | 87.3                                         |
| Injectables                                 | 76.5      | 84.9                    | 82.4                                         |
| Implants                                    | 60.5      | 68.6                    | 65.4                                         |
| Pill                                        | 81.8      | 90.7                    | 87.3                                         |
| Male condom                                 | 79.5      | 87.9                    | 69.6                                         |
| Female condom                               | 27.8      | 31.2                    | 45.4                                         |
| Emergency contraception                     | 46.2      | 53.5                    | 38.7                                         |
| Lactational amenorrhea method (LAM)         | 63.5      | 74.2                    | 57.7                                         |
| Other modern method                         | 0.3       | 0.3                     | 0.0                                          |
| <b>Any traditional method</b>               | 68.5      | 80.6                    | 55.0                                         |
| Rhythm                                      | 47.2      | 54.8                    | 37.4                                         |
| Withdrawal                                  | 64.9      | 76.7                    | 48.5                                         |
| Other traditional method                    | 0.1       | 0.2                     | 0.0                                          |
| Mean number of methods known by women 15–49 | 7.3       | 8.3                     | 7.0                                          |
| Number of women                             | 9,879     | 7,392                   | 14                                           |

<sup>1</sup> Had last sexual intercourse within 30 days preceding the survey

**Table 7.2 Knowledge of contraceptive methods according to background characteristics**

Percentage of currently married women age 15–49 who have heard of at least one contraceptive method and who have heard of at least one modern method, according to background characteristics, Tajikistan DHS 2023

| Background characteristic   | Heard of any method | Heard of any modern method <sup>1</sup> | Number of women |
|-----------------------------|---------------------|-----------------------------------------|-----------------|
| <b>Age</b>                  |                     |                                         |                 |
| 15–19                       | 96.2                | 96.2                                    | 220             |
| 20–24                       | 96.5                | 96.4                                    | 1,281           |
| 25–29                       | 98.3                | 98.2                                    | 1,437           |
| 30–34                       | 98.2                | 98.0                                    | 1,407           |
| 35–39                       | 99.1                | 99.1                                    | 1,291           |
| 40–44                       | 98.7                | 98.7                                    | 974             |
| 45–49                       | 98.0                | 97.9                                    | 781             |
| <b>Residence</b>            |                     |                                         |                 |
| Urban                       | 99.0                | 98.9                                    | 1,870           |
| Rural                       | 97.7                | 97.6                                    | 5,522           |
| <b>Region</b>               |                     |                                         |                 |
| Dushanbe                    | 99.7                | 99.7                                    | 708             |
| GBAO                        | 98.5                | 98.1                                    | 109             |
| Sughd                       | 99.3                | 99.1                                    | 2,160           |
| DRS                         | 99.1                | 99.0                                    | 1,782           |
| Khatlon                     | 95.9                | 95.9                                    | 2,634           |
| <b>FTF districts</b>        | 96.8                | 96.8                                    | 1,482           |
| <b>Education</b>            |                     |                                         |                 |
| None/primary                | 96.5                | 96.5                                    | 364             |
| General basic               | 98.1                | 98.0                                    | 2,276           |
| General secondary           | 97.6                | 97.5                                    | 3,391           |
| Professional primary/middle | 99.6                | 99.6                                    | 551             |
| Higher                      | 99.3                | 99.3                                    | 811             |
| <b>Wealth quintile</b>      |                     |                                         |                 |
| Lowest                      | 96.7                | 96.6                                    | 1,390           |
| Second                      | 97.7                | 97.7                                    | 1,451           |
| Middle                      | 97.6                | 97.4                                    | 1,512           |
| Fourth                      | 98.7                | 98.5                                    | 1,566           |
| Highest                     | 99.5                | 99.5                                    | 1,474           |
| <b>Total</b>                | 98.1                | 98.0                                    | 7,392           |

<sup>1</sup> Female sterilization, male sterilization, IUD, injectables, implants, pill, male condom, female condom, emergency contraception, lactational amenorrhea method (LAM), and other modern methods

**Table 7.3 Current use of contraception according to age**

Percent distribution of all women and currently married women age 15–49 by contraceptive method currently used, according to age, Tajikistan DHS 2023

| Age                     | Modern method |                   |                      |      |             |      |             |     |                    | Traditional method     |        |            |       | Not currently using | Total | Number of women |
|-------------------------|---------------|-------------------|----------------------|------|-------------|------|-------------|-----|--------------------|------------------------|--------|------------|-------|---------------------|-------|-----------------|
|                         | Any method    | Any modern method | Female sterilization | IUD  | Injectables | Pill | Male condom | LAM | Other <sup>1</sup> | Any traditional method | Rhythm | Withdrawal | Other |                     |       |                 |
| ALL WOMEN               |               |                   |                      |      |             |      |             |     |                    |                        |        |            |       |                     |       |                 |
| 15–19                   | 0.5           | 0.5               | 0.0                  | 0.0  | 0.0         | 0.0  | 0.1         | 0.4 | 0.0                | 0.0                    | 0.0    | 0.0        | 0.0   | 99.5                | 100.0 | 1,710           |
| 20–24                   | 10.5          | 9.3               | 0.0                  | 5.3  | 0.2         | 0.6  | 1.3         | 1.8 | 0.0                | 1.2                    | 0.0    | 1.2        | 0.0   | 89.5                | 100.0 | 1,616           |
| 25–29                   | 26.8          | 24.6              | 0.8                  | 17.4 | 0.6         | 1.5  | 3.2         | 1.1 | 0.1                | 2.2                    | 0.0    | 2.2        | 0.0   | 73.2                | 100.0 | 1,559           |
| 30–34                   | 34.6          | 31.1              | 1.3                  | 19.9 | 1.4         | 2.4  | 4.6         | 1.2 | 0.1                | 3.6                    | 0.0    | 3.6        | 0.0   | 65.4                | 100.0 | 1,545           |
| 35–39                   | 39.8          | 35.1              | 3.5                  | 21.9 | 1.5         | 2.8  | 4.9         | 0.2 | 0.4                | 4.7                    | 0.0    | 4.7        | 0.0   | 60.2                | 100.0 | 1,435           |
| 40–44                   | 38.0          | 34.2              | 3.4                  | 22.7 | 1.5         | 2.3  | 4.0         | 0.2 | 0.0                | 3.9                    | 0.2    | 3.7        | 0.0   | 62.0                | 100.0 | 1,096           |
| 45–49                   | 24.7          | 21.2              | 5.0                  | 12.4 | 0.2         | 1.5  | 2.0         | 0.0 | 0.1                | 3.6                    | 0.0    | 3.6        | 0.0   | 75.3                | 100.0 | 917             |
| Total                   | 23.7          | 21.2              | 1.7                  | 13.6 | 0.8         | 1.5  | 2.8         | 0.8 | 0.1                | 2.5                    | 0.0    | 2.5        | 0.0   | 76.3                | 100.0 | 9,879           |
| CURRENTLY MARRIED WOMEN |               |                   |                      |      |             |      |             |     |                    |                        |        |            |       |                     |       |                 |
| 15–19                   | 3.6           | 3.6               | 0.0                  | 0.0  | 0.0         | 0.0  | 0.8         | 2.8 | 0.0                | 0.0                    | 0.0    | 0.0        | 0.0   | 96.4                | 100.0 | 220             |
| 20–24                   | 13.2          | 11.7              | 0.0                  | 6.7  | 0.3         | 0.8  | 1.6         | 2.3 | 0.0                | 1.5                    | 0.0    | 1.5        | 0.0   | 86.8                | 100.0 | 1,281           |
| 25–29                   | 29.0          | 26.6              | 0.9                  | 18.8 | 0.7         | 1.6  | 3.4         | 1.1 | 0.1                | 2.4                    | 0.0    | 2.3        | 0.0   | 71.0                | 100.0 | 1,437           |
| 30–34                   | 37.9          | 33.9              | 1.4                  | 21.9 | 1.5         | 2.6  | 5.1         | 1.2 | 0.2                | 3.9                    | 0.0    | 3.9        | 0.0   | 62.1                | 100.0 | 1,407           |
| 35–39                   | 43.8          | 38.6              | 3.7                  | 24.0 | 1.7         | 3.2  | 5.4         | 0.2 | 0.4                | 5.2                    | 0.0    | 5.2        | 0.0   | 56.2                | 100.0 | 1,291           |
| 40–44                   | 42.3          | 37.9              | 3.7                  | 25.4 | 1.7         | 2.6  | 4.4         | 0.2 | 0.0                | 4.4                    | 0.2    | 4.2        | 0.0   | 57.7                | 100.0 | 974             |
| 45–49                   | 28.5          | 24.4              | 5.6                  | 14.5 | 0.2         | 1.7  | 2.2         | 0.0 | 0.1                | 4.2                    | 0.0    | 4.2        | 0.0   | 71.5                | 100.0 | 781             |
| Total                   | 31.5          | 28.1              | 2.1                  | 18.1 | 1.0         | 2.0  | 3.7         | 1.0 | 0.1                | 3.4                    | 0.0    | 3.4        | 0.0   | 68.5                | 100.0 | 7,392           |

Note: If more than one method is used, only the most effective method is considered in this tabulation.

LAM = lactational amenorrhea method

<sup>1</sup> Other modern methods include male sterilization, female condom, implants, and other modern methods mentioned by the respondent.**Table 7.4.1 Trends in current use of contraception**

Percent distribution of currently married women age 15–49 by contraceptive method currently used, according to several surveys

| Method                        | 2012 TJDHS | 2017 TJDHS | 2023 TJDHS |
|-------------------------------|------------|------------|------------|
| <b>Any method</b>             | 27.9       | 29.3       | 31.5       |
| <b>Any modern method</b>      | 25.8       | 27.1       | 28.1       |
| Female sterilization          | 0.6        | 0.8        | 2.1        |
| IUD                           | 18.5       | 18.3       | 18.1       |
| Injectables                   | 2.0        | 1.3        | 1.0        |
| Implants                      | 0.0        | 0.1        | 0.1        |
| Pill                          | 2.3        | 1.9        | 2.0        |
| Male condom                   | 2.2        | 3.8        | 3.7        |
| Other modern                  | 0.1        | 0.9        | 1.0        |
| <b>Any traditional method</b> | 2.1        | 2.2        | 3.4        |
| Withdrawal                    | 1.9        | 2.1        | 3.4        |
| Other traditional             | 0.2        | 0.1        | 0.0        |
| <b>Not currently using</b>    | 72.1       | 70.7       | 68.5       |
| Total                         | 100.0      | 100.0      | 100.0      |
| Number of women               | 6,504      | 7,747      | 7,392      |

**Table 7.4.2 Current use of contraception according to background characteristics**

Percent distribution of currently married women age 15–49 by contraceptive method currently used, according to background characteristics, Tajikistan DHS 2023

| Background characteristic        | Modern method |                   |                      |      |             |      |             |     |                    | Traditional method     |        |            |       | Not currently using | Total | Number of women |
|----------------------------------|---------------|-------------------|----------------------|------|-------------|------|-------------|-----|--------------------|------------------------|--------|------------|-------|---------------------|-------|-----------------|
|                                  | Any method    | Any modern method | Female sterilization | IUD  | Injectables | Pill | Male condom | LAM | Other <sup>1</sup> | Any traditional method | Rhythm | Withdrawal | Other |                     |       |                 |
| <b>Number of living children</b> |               |                   |                      |      |             |      |             |     |                    |                        |        |            |       |                     |       |                 |
| 0                                | 0.7           | 0.7               | 0.0                  | 0.4  | 0.0         | 0.1  | 0.3         | 0.0 | 0.0                | 0.0                    | 0.0    | 0.0        | 0.0   | 99.3                | 100.0 | 687             |
| 1–2                              | 21.7          | 19.0              | 1.1                  | 11.9 | 0.6         | 1.1  | 2.8         | 1.5 | 0.1                | 2.7                    | 0.0    | 2.7        | 0.0   | 78.3                | 100.0 | 2,572           |
| 3–4                              | 42.5          | 38.0              | 3.0                  | 24.6 | 1.4         | 2.9  | 5.0         | 0.9 | 0.2                | 4.6                    | 0.1    | 4.5        | 0.0   | 57.5                | 100.0 | 3,550           |
| 5+                               | 43.4          | 40.2              | 4.5                  | 26.7 | 1.9         | 2.8  | 3.5         | 0.5 | 0.4                | 3.2                    | 0.0    | 3.2        | 0.0   | 56.6                | 100.0 | 584             |
| <b>Residence</b>                 |               |                   |                      |      |             |      |             |     |                    |                        |        |            |       |                     |       |                 |
| Urban                            | 36.7          | 32.5              | 2.9                  | 19.4 | 0.4         | 2.2  | 6.2         | 1.5 | 0.1                | 4.2                    | 0.1    | 4.0        | 0.0   | 63.3                | 100.0 | 1,870           |
| Rural                            | 29.7          | 26.6              | 1.9                  | 17.6 | 1.2         | 2.0  | 2.8         | 0.8 | 0.2                | 3.1                    | 0.0    | 3.1        | 0.0   | 70.3                | 100.0 | 5,522           |
| <b>Region</b>                    |               |                   |                      |      |             |      |             |     |                    |                        |        |            |       |                     |       |                 |
| Dushanbe                         | 42.5          | 37.7              | 3.3                  | 22.1 | 0.2         | 2.4  | 8.1         | 1.5 | 0.1                | 4.8                    | 0.0    | 4.7        | 0.1   | 57.5                | 100.0 | 708             |
| GBAO                             | 36.4          | 35.4              | 0.6                  | 26.1 | 1.5         | 2.6  | 4.5         | 0.0 | 0.0                | 1.1                    | 0.0    | 1.1        | 0.0   | 63.6                | 100.0 | 109             |
| Sughd                            | 40.3          | 33.2              | 2.6                  | 19.3 | 1.2         | 2.4  | 5.0         | 2.6 | 0.0                | 7.0                    | 0.1    | 6.9        | 0.0   | 59.7                | 100.0 | 2,160           |
| DRS                              | 23.3          | 21.9              | 2.2                  | 13.9 | 0.9         | 2.0  | 2.3         | 0.3 | 0.3                | 1.5                    | 0.0    | 1.5        | 0.0   | 76.7                | 100.0 | 1,782           |
| Khatlon                          | 26.6          | 25.2              | 1.5                  | 18.4 | 1.1         | 1.6  | 2.3         | 0.1 | 0.2                | 1.5                    | 0.0    | 1.5        | 0.0   | 73.4                | 100.0 | 2,634           |
| <b>FTF districts</b>             | 26.0          | 24.2              | 1.3                  | 17.8 | 1.1         | 2.4  | 1.3         | 0.0 | 0.2                | 1.8                    | 0.0    | 1.8        | 0.0   | 74.0                | 100.0 | 1,482           |
| <b>Education</b>                 |               |                   |                      |      |             |      |             |     |                    |                        |        |            |       |                     |       |                 |
| None/primary                     | 30.1          | 26.7              | 2.7                  | 19.1 | 0.9         | 0.8  | 3.1         | 0.1 | 0.0                | 3.3                    | 0.0    | 3.3        | 0.0   | 69.9                | 100.0 | 364             |
| General basic                    | 34.2          | 30.6              | 2.3                  | 19.3 | 1.5         | 2.5  | 4.1         | 0.5 | 0.4                | 3.6                    | 0.0    | 3.6        | 0.0   | 65.8                | 100.0 | 2,276           |
| General secondary                | 29.7          | 26.6              | 2.1                  | 17.7 | 0.9         | 2.0  | 2.8         | 1.0 | 0.0                | 3.1                    | 0.0    | 3.1        | 0.0   | 70.3                | 100.0 | 3,391           |
| Professional primary/middle      | 27.9          | 23.8              | 1.7                  | 14.2 | 0.2         | 1.2  | 3.8         | 2.3 | 0.3                | 4.2                    | 0.0    | 4.2        | 0.0   | 72.1                | 100.0 | 551             |
| Higher                           | 34.3          | 30.6              | 1.8                  | 18.3 | 0.6         | 1.6  | 6.5         | 1.7 | 0.1                | 3.7                    | 0.3    | 3.4        | 0.1   | 65.7                | 100.0 | 811             |
| <b>Wealth quintile</b>           |               |                   |                      |      |             |      |             |     |                    |                        |        |            |       |                     |       |                 |
| Lowest                           | 25.9          | 23.4              | 1.8                  | 16.2 | 1.9         | 1.5  | 1.4         | 0.4 | 0.2                | 2.5                    | 0.0    | 2.5        | 0.0   | 74.1                | 100.0 | 1,390           |
| Second                           | 28.6          | 26.4              | 1.6                  | 18.2 | 0.9         | 1.7  | 3.2         | 0.9 | 0.0                | 2.2                    | 0.0    | 2.2        | 0.0   | 71.4                | 100.0 | 1,451           |
| Middle                           | 28.8          | 25.6              | 1.6                  | 17.1 | 1.1         | 2.1  | 3.2         | 0.4 | 0.1                | 3.2                    | 0.0    | 3.2        | 0.0   | 71.2                | 100.0 | 1,512           |
| Fourth                           | 31.7          | 27.9              | 2.8                  | 16.6 | 1.0         | 2.6  | 3.3         | 1.3 | 0.3                | 3.8                    | 0.0    | 3.8        | 0.0   | 68.3                | 100.0 | 1,566           |
| Highest                          | 42.0          | 36.8              | 2.9                  | 22.3 | 0.3         | 2.1  | 7.2         | 2.0 | 0.0                | 5.2                    | 0.1    | 5.1        | 0.0   | 58.0                | 100.0 | 1,474           |
| <b>Total</b>                     | 31.5          | 28.1              | 2.1                  | 18.1 | 1.0         | 2.0  | 3.7         | 1.0 | 0.1                | 3.4                    | 0.0    | 3.4        | 0.0   | 68.5                | 100.0 | 7,392           |

Note: If more than one method is used, only the most effective method is considered in this tabulation.

LAM = lactational amenorrhea method

<sup>1</sup> Other modern methods include male sterilization, female condom, implants, and other modern methods mentioned by the respondent.**Table 7.5 Use of contraception before pregnancy**

Percent distribution of pregnancy outcomes in the 3 years preceding the survey by contraceptive method used at the time of conception, Tajikistan DHS 2023

|                              | Result of pregnancy |                  |             |            | Total |
|------------------------------|---------------------|------------------|-------------|------------|-------|
|                              | Live birth          | Induced abortion | Miscarriage | Stillbirth |       |
| No method used               | 97.5                | 94.6             | 95.2        | *          | 97.1  |
| Any method                   | 2.5                 | 5.4              | 4.8         | *          | 2.9   |
| Any modern method            | 2.2                 | 3.2              | 3.2         | *          | 2.3   |
| Pill                         | 0.2                 | 0.9              | 0.4         | *          | 0.2   |
| IUD                          | 1.1                 | 0.7              | 1.6         | *          | 1.1   |
| Injectables                  | 0.1                 | 0.7              | 0.0         | *          | 0.1   |
| Male condom                  | 0.7                 | 0.1              | 1.0         | *          | 0.7   |
| Female condom                | 0.0                 | 0.8              | 0.0         | *          | 0.0   |
| Lactational amenorrhea (LAM) | 0.1                 | 0.0              | 0.0         | *          | 0.1   |
| Other                        | 0.0                 | 0.0              | 0.2         | *          | 0.0   |
| Any traditional method       | 0.3                 | 2.2              | 1.6         | *          | 0.6   |
| Withdrawal                   | 0.3                 | 2.2              | 1.6         | *          | 0.6   |
| <b>Total</b>                 | 100.0               | 100.0            | 100.0       | *          | 100.0 |
| <b>All pregnancies</b>       | 3,191               | 165              | 458         | 19         | 3,832 |

Note: An asterisk indicates that a figure is based on fewer than 25 unweighted cases and has been suppressed.

**Table 7.6 Timing of sterilization**

Percent distribution of sterilized women age 15–49 by age at the time of sterilization and median age at sterilization, according to number of years since the operation, Tajikistan DHS 2023

| Years since operation | Age at time of sterilization |        |        |        |        |       | Total | Number of women | Median age <sup>1</sup> |
|-----------------------|------------------------------|--------|--------|--------|--------|-------|-------|-----------------|-------------------------|
|                       | <25                          | 25–29  | 30–34  | 35–39  | 40–44  | 45–49 |       |                 |                         |
| <2                    | (3.8)                        | (21.0) | (29.0) | (22.8) | (18.7) | (4.8) | 100.0 | 41              | (33.4)                  |
| 2–3                   | (1.0)                        | (13.7) | (39.9) | (22.1) | (17.1) | (6.1) | 100.0 | 35              | (33.8)                  |
| 4–5                   | (7.3)                        | (17.0) | (34.3) | (34.6) | (6.7)  | (0.0) | 100.0 | 24              | (32.8)                  |
| 6–7                   | *                            | *      | *      | *      | *      | *     | 100.0 | 17              | *                       |
| 8–9                   | *                            | *      | *      | *      | *      | *     | 100.0 | 13              | *                       |
| 10+                   | (16.3)                       | (26.2) | (41.6) | (15.9) | (0.0)  | (0.0) | 100.0 | 37              | a                       |
| Total                 | 6.6                          | 20.2   | 34.7   | 26.0   | 10.1   | 2.4   | 100.0 | 167             | 32.7                    |

Note: Figures in parentheses are based on 25–49 unweighted cases. An asterisk indicates that a figure is based on fewer than 25 unweighted cases and has been suppressed.

<sup>1</sup> Median age at sterilization is calculated only for women sterilized before age 40 to avoid problems of censoring.

a = not calculated due to censoring

**Table 7.7 Use of emergency contraception**

Percentage of women age 15–49 who used emergency contraception in the past 12 months, according to background characteristics, Tajikistan DHS 2023

| Background characteristic | Percentage who used emergency contraception | Number of women |
|---------------------------|---------------------------------------------|-----------------|
| <b>Age</b>                |                                             |                 |
| 15–19                     | 0.2                                         | 1,710           |
| 20–24                     | 1.3                                         | 1,616           |
| 25–29                     | 3.5                                         | 1,559           |
| 30–34                     | 4.2                                         | 1,545           |
| 35–39                     | 3.4                                         | 1,435           |
| 40–44                     | 1.9                                         | 1,096           |
| 45–49                     | 1.1                                         | 917             |
| <b>Residence</b>          |                                             |                 |
| Urban                     | 2.7                                         | 2,705           |
| Rural                     | 2.1                                         | 7,174           |
| <b>Region</b>             |                                             |                 |
| Dushanbe                  | 3.4                                         | 1,077           |
| GBAO                      | 1.8                                         | 157             |
| Sughd                     | 2.2                                         | 2,780           |
| DRS                       | 2.6                                         | 2,356           |
| Khatlon                   | 1.8                                         | 3,509           |
| <b>FTF districts</b>      | 1.1                                         | 1,937           |
| <b>Education</b>          |                                             |                 |
| None/primary              | 1.6                                         | 443             |
| General basic             | 2.5                                         | 3,271           |
| General secondary         | 2.1                                         | 4,230           |
| Professional              |                                             |                 |
| primary/middle            | 2.1                                         | 778             |
| Higher                    | 2.9                                         | 1,157           |
| <b>Wealth quintile</b>    |                                             |                 |
| Lowest                    | 2.0                                         | 1,842           |
| Second                    | 2.2                                         | 1,967           |
| Middle                    | 1.8                                         | 1,966           |
| Fourth                    | 2.8                                         | 1,964           |
| Highest                   | 2.6                                         | 2,140           |
| Total                     | 2.3                                         | 9,879           |



**Table 7.8 Knowledge of fertile period by age**

Percentage of women age 15–49 with correct knowledge of the fertile period during the ovulatory cycle, according to age, Tajikistan DHS 2023

| Age   | Percentage with correct knowledge of the fertile period | Number of women |
|-------|---------------------------------------------------------|-----------------|
| 15–19 | 8.1                                                     | 1,710           |
| 20–24 | 26.6                                                    | 1,616           |
| 25–29 | 27.8                                                    | 1,559           |
| 30–34 | 29.6                                                    | 1,545           |
| 35–39 | 30.1                                                    | 1,435           |
| 40–44 | 29.9                                                    | 1,096           |
| 45–49 | 30.3                                                    | 917             |
| Total | 25.3                                                    | 9,879           |

Note: Correct knowledge of the fertile period is defined as “halfway between two menstrual periods.”

**Table 7.9 Source of modern contraception methods**

Percent distribution of users of modern contraceptive methods age 15–49 by most recent source of method, according to method, Tajikistan DHS 2023

| Source                            | Female sterilization | IUD   | Injectables | Pill  | Male condom | Total |
|-----------------------------------|----------------------|-------|-------------|-------|-------------|-------|
| <b>Public sector</b>              | 96.2                 | 95.6  | 97.0        | 49.0  | 19.9        | 81.8  |
| Government hospital               | 11.1                 | 4.3   | 6.9         | 0.0   | 0.0         | 4.1   |
| Maternity home                    | 49.2                 | 9.8   | 2.7         | 0.7   | 0.2         | 10.8  |
| Health center (urban/rayon/rural) | 34.3                 | 72.6  | 84.9        | 47.3  | 18.2        | 60.6  |
| Reproductive health center        | 0.7                  | 8.7   | 2.6         | 1.0   | 1.4         | 6.2   |
| Health house                      | 0.0                  | 0.0   | 0.0         | 0.0   | 0.1         | 0.0   |
| AIDS center                       | 0.0                  | 0.0   | 0.0         | 0.0   | 0.1         | 0.0   |
| Family medicine center            | 0.0                  | 0.1   | 0.0         | 0.0   | 0.0         | 0.1   |
| Other public sector               | 1.0                  | 0.0   | 0.0         | 0.0   | 0.0         | 0.1   |
| <b>Private medical sector</b>     | 3.4                  | 4.4   | 3.0         | 50.4  | 79.1        | 17.9  |
| Private hospital                  | 1.5                  | 0.1   | 0.0         | 0.0   | 0.0         | 0.2   |
| Private clinic                    | 1.8                  | 0.5   | 0.0         | 0.0   | 0.0         | 0.5   |
| Private doctor                    | 0.0                  | 0.0   | 0.0         | 0.0   | 0.0         | 0.0   |
| Pharmacy                          | 0.0                  | 3.7   | 3.0         | 50.4  | 79.1        | 17.2  |
| <b>Other source</b>               | 0.5                  | 0.0   | 0.0         | 0.7   | 1.0         | 0.2   |
| Friend/relative                   | 0.0                  | 0.0   | 0.0         | 0.7   | 0.0         | 0.0   |
| Other                             | 0.5                  | 0.0   | 0.0         | 0.0   | 1.0         | 0.2   |
| Total                             | 100.0                | 100.0 | 100.0       | 100.0 | 100.0       | 100.0 |
| Number of women                   | 167                  | 1,341 | 75          | 149   | 275         | 2,018 |

Note: Total includes users of implants, male sterilization, female condoms, and other modern methods but excludes lactational amenorrhea method (LAM).

**Table 7.10 Informed choice**

Among current users of selected modern methods age 15–49 who started the last episode of use within the 5 years preceding the survey, percentage who were informed about possible side effects or problems of that method, percentage who were informed about what to do if they experienced side effects, percentage who were informed about other methods they could use, percentage who received all three types of information, and percentage who were informed that they could switch to another method if they wanted to or needed to, according to method and initial source, Tajikistan DHS 2023

| Method/source                               | Among women who started last episode of modern contraceptive method within the 5 years preceding the survey: |                                                                                |                                                                  |                                                                                                |                                                                                                      | Number of women |
|---------------------------------------------|--------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------|------------------------------------------------------------------|------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------|-----------------|
|                                             | Percentage who were informed about side effects or problems of method used                                   | Percentage who were informed about what to do if they experienced side effects | Percentage who were informed of other methods that could be used | Percentage who received all three types of information (method information index) <sup>1</sup> | Percentage who were informed that they could switch to another method if they wanted to or needed to |                 |
| <b>Method</b>                               |                                                                                                              |                                                                                |                                                                  |                                                                                                |                                                                                                      |                 |
| Female sterilization                        | 75.4                                                                                                         | 86.9                                                                           | 75.2                                                             | 64.1                                                                                           | na                                                                                                   | 85              |
| IUD                                         | 92.1                                                                                                         | 93.7                                                                           | 91.4                                                             | 87.7                                                                                           | 90.9                                                                                                 | 789             |
| Injectables                                 | (94.1)                                                                                                       | (94.0)                                                                         | (93.5)                                                           | (91.5)                                                                                         | (94.1)                                                                                               | 56              |
| Implants                                    | *                                                                                                            | *                                                                              | *                                                                | *                                                                                              | *                                                                                                    | 4               |
| Pill                                        | 84.1                                                                                                         | 81.8                                                                           | 78.8                                                             | 75.5                                                                                           | 83.6                                                                                                 | 95              |
| <b>Initial source of method<sup>2</sup></b> |                                                                                                              |                                                                                |                                                                  |                                                                                                |                                                                                                      |                 |
| <b>Public sector</b>                        | 91.4                                                                                                         | 93.6                                                                           | 90.8                                                             | 86.6                                                                                           | 84.2                                                                                                 | 958             |
| Government hospital                         | (88.4)                                                                                                       | (91.2)                                                                         | (88.3)                                                           | (82.9)                                                                                         | (70.1)                                                                                               | 57              |
| Maternity home                              | 91.2                                                                                                         | 94.4                                                                           | 86.4                                                             | 83.4                                                                                           | 63.2                                                                                                 | 119             |
| Health center (urban/rayon/rural)           | 91.5                                                                                                         | 93.4                                                                           | 91.5                                                             | 86.9                                                                                           | 88.6                                                                                                 | 710             |
| Reproductive health center                  | 94.3                                                                                                         | 96.4                                                                           | 92.5                                                             | 92.5                                                                                           | 92.2                                                                                                 | 68              |
| Other public sector <sup>3</sup>            | *                                                                                                            | *                                                                              | *                                                                | *                                                                                              | *                                                                                                    | 4               |
| <b>Private medical sector</b>               | 72.2                                                                                                         | 71.4                                                                           | 65.7                                                             | 61.7                                                                                           | 66.1                                                                                                 | 70              |
| Private hospital                            | *                                                                                                            | *                                                                              | *                                                                | *                                                                                              | *                                                                                                    | 2               |
| Private clinic                              | *                                                                                                            | *                                                                              | *                                                                | *                                                                                              | *                                                                                                    | 5               |
| Pharmacy                                    | 70.1                                                                                                         | 69.2                                                                           | 64.6                                                             | 60.1                                                                                           | 68.0                                                                                                 | 62              |
| Patronage medical worker                    | *                                                                                                            | *                                                                              | *                                                                | *                                                                                              | *                                                                                                    | 1               |
| <b>Other source</b>                         | *                                                                                                            | *                                                                              | *                                                                | *                                                                                              | *                                                                                                    | 2               |
| Friend/relative                             | *                                                                                                            | *                                                                              | *                                                                | *                                                                                              | *                                                                                                    | 1               |
| Other                                       | *                                                                                                            | *                                                                              | *                                                                | *                                                                                              | *                                                                                                    | 1               |
| <b>Total</b>                                | <b>90.1</b>                                                                                                  | <b>92.1</b>                                                                    | <b>89.1</b>                                                      | <b>84.9</b>                                                                                    | <b>82.9</b>                                                                                          | <b>1,030</b>    |

Note: Table includes users of only the methods listed individually. Figures in parentheses are based on 25–49 unweighted cases. An asterisk indicates that a figure is based on fewer than 25 unweighted cases and has been suppressed.

na = not applicable

<sup>1</sup> The method information index is the percentage of women who were informed about (1) side effects or problems of method used, (2) what to do if they experienced side effects, and (3) other methods that could be used.

<sup>2</sup> Source at start of current episode of use

<sup>3</sup> Includes family medicine center and other public sector

**Table 7.11 Twelve-month contraceptive discontinuation rates**

Among episodes of contraceptive use experienced within the 5 years preceding the survey, percentage of episodes discontinued within 12 months, according to reason for discontinuation and specific method, Tajikistan DHS 2023

| Method             | Method failure | Desire to become pregnant | Other fertility-related reasons <sup>1</sup> | Changes in menstrual bleeding | Other side effects/health concerns | Wanted more effective method | Other method-related reasons <sup>2</sup> | Husband/partner disapproved | Other reasons <sup>3</sup> | Any reason <sup>4</sup> | Switched to another method <sup>5</sup> | Number of episodes of use <sup>6</sup> |
|--------------------|----------------|---------------------------|----------------------------------------------|-------------------------------|------------------------------------|------------------------------|-------------------------------------------|-----------------------------|----------------------------|-------------------------|-----------------------------------------|----------------------------------------|
| IUD                | 0.0            | 8.5                       | 1.2                                          | 3.6                           | 3.9                                | 0.5                          | 1.8                                       | 0.9                         | 1.0                        | 21.5                    | 1.9                                     | 1,179                                  |
| Pill               | (1.6)          | (16.8)                    | (13.7)                                       | (3.6)                         | (10.8)                             | (3.6)                        | (1.6)                                     | (1.9)                       | (2.5)                      | (56.0)                  | (6.2)                                   | 224                                    |
| Male condom        | 1.7            | 17.0                      | 1.6                                          | 0.5                           | 0.4                                | 4.1                          | 5.1                                       | 14.8                        | 4.0                        | 49.3                    | 8.3                                     | 434                                    |
| Withdrawal         | 1.6            | 12.2                      | 4.6                                          | 0.2                           | 0.4                                | 4.1                          | 2.0                                       | 13.3                        | 5.8                        | 44.1                    | 8.5                                     | 322                                    |
| Other <sup>7</sup> | 2.0            | 6.6                       | 4.1                                          | 0.8                           | 3.8                                | 21.0                         | 0.9                                       | 1.8                         | 5.2                        | 46.4                    | 23.2                                    | 394                                    |
| All methods        | 0.9            | 10.9                      | 3.2                                          | 2.2                           | 3.4                                | 4.7                          | 2.3                                       | 5.1                         | 2.9                        | 35.8                    | 7.2                                     | 2,553                                  |

Note: Figures are based on life table calculations using information on episodes of use that occurred 3–62 months preceding the survey. Figures in parentheses are based on 25–49 unweighted cases.

<sup>1</sup> Includes infrequent sex/husband away, difficult to get pregnant/menopausal, and marital dissolution/separation

<sup>2</sup> Includes lack of access/too far, costs too much, and inconvenient to use

<sup>3</sup> Includes up to God/fatalistic and other reasons

<sup>4</sup> Reasons for discontinuation are mutually exclusive and add to the total given in this column.

<sup>5</sup> A woman is considered to have switched to another method if she used a different method in the month following discontinuation or if she gave “wanted a more effective method” as the reason for discontinuation and started another method within 2 months of discontinuation.

<sup>6</sup> All episodes of use that occurred within the 5 years preceding the survey are included. Episodes of use include both episodes that were discontinued during the period of observation and episodes that were not discontinued during the period of observation.

<sup>7</sup> Includes lactational amenorrhea method (LAM), injectables, implants, female condom, emergency contraception, rhythm, other modern methods, and other traditional methods.

**Table 7.12 Reasons for discontinuation**

Percent distribution of discontinuations of contraceptive methods in the 5 years preceding the survey by main reason stated for discontinuation, according to specific method, Tajikistan DHS 2023

| Reason                               | IUD   | Injectables | Pill  | Male condom | Withdrawal | Other <sup>1</sup> | All methods |
|--------------------------------------|-------|-------------|-------|-------------|------------|--------------------|-------------|
| Became pregnant while using          | 0.4   | 5.1         | 2.5   | 2.7         | 6.6        | 3.6                | 2.6         |
| Wanted to become pregnant            | 41.9  | 19.9        | 27.5  | 40.1        | 27.0       | 19.6               | 34.6        |
| Husband/partner disapproved          | 3.2   | 7.6         | 2.5   | 25.5        | 25.5       | 2.4                | 11.2        |
| Wanted a more effective method       | 1.8   | 9.3         | 7.5   | 6.7         | 8.4        | 49.8               | 9.4         |
| Changes in menstrual bleeding        | 16.3  | 7.9         | 6.3   | 0.9         | 1.1        | 0.0                | 7.8         |
| Other side effects/health concerns   | 19.8  | 17.1        | 23.5  | 1.7         | 0.5        | 4.4                | 11.9        |
| Lack of access/too far               | 1.3   | 0.0         | 2.5   | 0.7         | 2.8        | 0.0                | 1.3         |
| Cost too much                        | 0.4   | 0.0         | 0.7   | 2.4         | 0.0        | 0.0                | 0.7         |
| Inconvenient to use                  | 2.1   | 3.8         | 2.3   | 7.0         | 1.3        | 2.1                | 3.1         |
| Up to God/fatalistic                 | 0.2   | 0.0         | 0.0   | 0.0         | 0.0        | 0.8                | 0.2         |
| Difficult to get pregnant/menopausal | 0.8   | 0.0         | 0.1   | 0.4         | 0.0        | 0.0                | 0.4         |
| Infrequent sex/husband away          | 7.6   | 18.8        | 20.1  | 5.1         | 13.5       | 5.1                | 9.6         |
| Marital dissolution/separation       | 0.5   | 0.0         | 0.0   | 0.5         | 0.7        | 0.0                | 0.4         |
| Other                                | 1.4   | 6.8         | 2.5   | 1.6         | 3.1        | 4.2                | 2.3         |
| Don't know                           | 1.0   | 2.2         | 0.0   | 0.6         | 0.7        | 1.7                | 0.9         |
| Missing                              | 1.2   | 1.6         | 2.1   | 4.2         | 8.7        | 6.4                | 3.6         |
| Total                                | 100.0 | 100.0       | 100.0 | 100.0       | 100.0      | 100.0              | 100.0       |
| Number of discontinuations           | 542   | 60          | 151   | 291         | 207        | 133                | 1,383       |

<sup>1</sup> Includes lactational amenorrhea method (LAM), implants, female condoms, emergency contraception, rhythm, and other methods mentioned by the respondent

**Table 7.13.1 Need and demand for family planning among currently married women**

Percentage of currently married women age 15–49 with unmet need for family planning, percentage with met need for family planning, total demand for family planning, percentage of the demand for family planning that is satisfied, and percentage of the demand for family planning that is satisfied by modern methods, according to background characteristics, Tajikistan DHS 2023

| Background characteristic | Unmet need for family planning |              |       | Met need for family planning (currently using) |              |       | Total demand for family planning <sup>1</sup> |              |       | Number of women | Percentage of demand satisfied <sup>2</sup> | Percentage of demand satisfied by modern methods <sup>3</sup> |
|---------------------------|--------------------------------|--------------|-------|------------------------------------------------|--------------|-------|-----------------------------------------------|--------------|-------|-----------------|---------------------------------------------|---------------------------------------------------------------|
|                           | For spacing                    | For limiting | Total | For spacing                                    | For limiting | Total | For spacing                                   | For limiting | Total |                 |                                             |                                                               |
| <b>Age</b>                |                                |              |       |                                                |              |       |                                               |              |       |                 |                                             |                                                               |
| 15–19                     | 17.2                           | 0.8          | 18.0  | 3.6                                            | 0.0          | 3.6   | 20.8                                          | 0.8          | 21.6  | 220             | 16.6                                        | 16.6                                                          |
| 20–24                     | 23.5                           | 1.7          | 25.2  | 11.7                                           | 1.5          | 13.2  | 35.2                                          | 3.2          | 38.4  | 1,281           | 34.4                                        | 30.4                                                          |
| 25–29                     | 19.7                           | 6.5          | 26.2  | 18.1                                           | 10.9         | 29.0  | 37.8                                          | 17.4         | 55.2  | 1,437           | 52.5                                        | 48.2                                                          |
| 30–34                     | 13.5                           | 11.1         | 24.6  | 13.8                                           | 24.1         | 37.9  | 27.3                                          | 35.2         | 62.4  | 1,407           | 60.6                                        | 54.4                                                          |
| 35–39                     | 8.5                            | 12.0         | 20.5  | 10.1                                           | 33.7         | 43.8  | 18.6                                          | 45.7         | 64.3  | 1,291           | 68.1                                        | 60.0                                                          |
| 40–44                     | 3.1                            | 8.5          | 11.6  | 7.0                                            | 35.3         | 42.3  | 10.1                                          | 43.8         | 53.9  | 974             | 78.6                                        | 70.4                                                          |
| 45–49                     | 1.2                            | 6.2          | 7.4   | 2.0                                            | 26.5         | 28.5  | 3.3                                           | 32.7         | 36.0  | 781             | 79.3                                        | 67.7                                                          |
| <b>Residence</b>          |                                |              |       |                                                |              |       |                                               |              |       |                 |                                             |                                                               |
| Urban                     | 13.8                           | 6.5          | 20.3  | 14.6                                           | 22.1         | 36.7  | 28.4                                          | 28.6         | 57.0  | 1,870           | 64.4                                        | 57.1                                                          |
| Rural                     | 12.7                           | 7.9          | 20.7  | 10.0                                           | 19.7         | 29.7  | 22.7                                          | 27.6         | 50.4  | 5,522           | 59.0                                        | 52.7                                                          |
| <b>Region</b>             |                                |              |       |                                                |              |       |                                               |              |       |                 |                                             |                                                               |
| Dushanbe                  | 16.6                           | 4.9          | 21.5  | 20.6                                           | 21.8         | 42.5  | 37.2                                          | 26.8         | 64.0  | 708             | 66.4                                        | 59.0                                                          |
| GBAO                      | 10.0                           | 6.1          | 16.1  | 16.7                                           | 19.8         | 36.4  | 26.6                                          | 25.9         | 52.5  | 109             | 69.4                                        | 67.4                                                          |
| Sughd                     | 8.6                            | 7.8          | 16.4  | 10.5                                           | 29.8         | 40.3  | 19.1                                          | 37.5         | 56.7  | 2,160           | 71.1                                        | 58.7                                                          |
| DRS                       | 18.0                           | 7.8          | 25.8  | 8.7                                            | 14.6         | 23.3  | 26.7                                          | 22.4         | 49.1  | 1,782           | 47.5                                        | 44.5                                                          |
| Khatlon                   | 12.4                           | 8.0          | 20.4  | 10.6                                           | 16.0         | 26.6  | 23.0                                          | 24.0         | 47.0  | 2,634           | 56.6                                        | 53.5                                                          |
| <b>FTF districts</b>      | 13.4                           | 7.9          | 21.3  | 11.8                                           | 14.2         | 26.0  | 25.2                                          | 22.1         | 47.3  | 1,482           | 55.0                                        | 51.2                                                          |
| <b>Education</b>          |                                |              |       |                                                |              |       |                                               |              |       |                 |                                             |                                                               |
| None/primary              | 14.3                           | 9.8          | 24.1  | 7.6                                            | 22.4         | 30.1  | 21.9                                          | 32.3         | 54.2  | 364             | 55.5                                        | 49.4                                                          |
| General basic             | 12.5                           | 10.4         | 22.9  | 10.9                                           | 23.3         | 34.2  | 23.4                                          | 33.7         | 57.1  | 2,276           | 59.9                                        | 53.6                                                          |
| General secondary         | 12.5                           | 6.4          | 18.9  | 10.6                                           | 19.2         | 29.7  | 23.0                                          | 25.6         | 48.6  | 3,391           | 61.1                                        | 54.8                                                          |
| Professional              |                                |              |       |                                                |              |       |                                               |              |       |                 |                                             |                                                               |
| primary/middle            | 15.3                           | 5.1          | 20.4  | 12.6                                           | 15.3         | 27.9  | 28.0                                          | 20.4         | 48.3  | 551             | 57.8                                        | 49.2                                                          |
| Higher                    | 14.5                           | 5.1          | 19.6  | 15.1                                           | 19.2         | 34.3  | 29.6                                          | 24.2         | 53.9  | 811             | 63.6                                        | 56.8                                                          |
| <b>Wealth quintile</b>    |                                |              |       |                                                |              |       |                                               |              |       |                 |                                             |                                                               |
| Lowest                    | 13.3                           | 8.4          | 21.7  | 8.2                                            | 17.8         | 25.9  | 21.5                                          | 26.1         | 47.6  | 1,390           | 54.4                                        | 49.1                                                          |
| Second                    | 13.4                           | 9.5          | 22.9  | 10.0                                           | 18.6         | 28.6  | 23.4                                          | 28.1         | 51.5  | 1,451           | 55.5                                        | 51.3                                                          |
| Middle                    | 13.6                           | 7.2          | 20.8  | 9.4                                            | 19.4         | 28.8  | 23.0                                          | 26.6         | 49.6  | 1,512           | 58.1                                        | 51.7                                                          |
| Fourth                    | 12.4                           | 7.0          | 19.4  | 10.9                                           | 20.8         | 31.7  | 23.3                                          | 27.8         | 51.1  | 1,566           | 62.0                                        | 54.6                                                          |
| Highest                   | 12.4                           | 5.8          | 18.2  | 17.2                                           | 24.8         | 42.0  | 29.6                                          | 30.6         | 60.2  | 1,474           | 69.8                                        | 61.1                                                          |
| <b>Total</b>              | 13.0                           | 7.6          | 20.6  | 11.2                                           | 20.3         | 31.5  | 24.2                                          | 27.9         | 52.0  | 7,392           | 60.5                                        | 53.9                                                          |

Note: Numbers in this table correspond to the revised definition of unmet need described in Bradley et al. 2012.

<sup>1</sup> Total demand is the sum of unmet need and met need.

<sup>2</sup> Percentage of demand satisfied is met need divided by total demand.

<sup>3</sup> Modern methods include female sterilization, male sterilization, IUD, injectables, implants, pill, male condom, female condom, emergency contraception, lactational amenorrhea method (LAM), and other modern methods.

**Table 7.13.2 Need and demand for family planning among all women**

Percentage of all women age 15–49 with unmet need for family planning, percentage with met need for family planning, total demand for family planning, percentage of the demand for family planning that is satisfied, and percentage of the demand for family planning that is satisfied by modern methods, according to background characteristics, Tajikistan DHS 2023

| Background characteristic | Unmet need for family planning |              |       | Met need for family planning (currently using) |              |       | Total demand for family planning <sup>1</sup> |              |       | Number of women | Percentage of demand satisfied <sup>2</sup> | Percentage of demand satisfied by modern methods <sup>3</sup> |
|---------------------------|--------------------------------|--------------|-------|------------------------------------------------|--------------|-------|-----------------------------------------------|--------------|-------|-----------------|---------------------------------------------|---------------------------------------------------------------|
|                           | For spacing                    | For limiting | Total | For spacing                                    | For limiting | Total | For spacing                                   | For limiting | Total |                 |                                             |                                                               |
| <b>Age</b>                |                                |              |       |                                                |              |       |                                               |              |       |                 |                                             |                                                               |
| 15–19                     | 2.3                            | 0.1          | 2.4   | 0.5                                            | 0.0          | 0.5   | 2.8                                           | 0.1          | 2.9   | 1,710           | 17.6                                        | 17.6                                                          |
| 20–24                     | 18.7                           | 1.3          | 20.1  | 9.3                                            | 1.2          | 10.5  | 28.0                                          | 2.6          | 30.6  | 1,616           | 34.3                                        | 30.3                                                          |
| 25–29                     | 18.2                           | 6.0          | 24.3  | 16.7                                           | 10.0         | 26.8  | 35.0                                          | 16.1         | 51.0  | 1,559           | 52.4                                        | 48.2                                                          |
| 30–34                     | 12.4                           | 10.1         | 22.5  | 12.5                                           | 22.1         | 34.6  | 24.9                                          | 32.2         | 57.1  | 1,545           | 60.6                                        | 54.4                                                          |
| 35–39                     | 7.7                            | 10.8         | 18.5  | 9.3                                            | 30.5         | 39.8  | 17.0                                          | 41.4         | 58.3  | 1,435           | 68.3                                        | 60.2                                                          |
| 40–44                     | 2.9                            | 7.6          | 10.4  | 6.3                                            | 31.8         | 38.0  | 9.2                                           | 39.3         | 48.5  | 1,096           | 78.5                                        | 70.5                                                          |
| 45–49                     | 1.2                            | 5.4          | 6.6   | 1.7                                            | 23.0         | 24.7  | 3.0                                           | 28.4         | 31.3  | 917             | 78.9                                        | 67.6                                                          |
| <b>Residence</b>          |                                |              |       |                                                |              |       |                                               |              |       |                 |                                             |                                                               |
| Urban                     | 9.6                            | 4.5          | 14.2  | 10.2                                           | 15.6         | 25.8  | 19.8                                          | 20.1         | 39.9  | 2,705           | 64.5                                        | 57.3                                                          |
| Rural                     | 9.9                            | 6.1          | 16.0  | 7.7                                            | 15.2         | 23.0  | 17.6                                          | 21.3         | 39.0  | 7,174           | 59.0                                        | 52.8                                                          |
| <b>Region</b>             |                                |              |       |                                                |              |       |                                               |              |       |                 |                                             |                                                               |
| Dushanbe                  | 10.9                           | 3.2          | 14.1  | 13.6                                           | 14.8         | 28.4  | 24.5                                          | 18.0         | 42.5  | 1,077           | 66.8                                        | 59.5                                                          |
| GBAO                      | 7.0                            | 4.2          | 11.3  | 11.9                                           | 13.9         | 25.8  | 19.0                                          | 18.1         | 37.1  | 157             | 69.7                                        | 67.7                                                          |
| Sughd                     | 6.7                            | 6.0          | 12.8  | 8.2                                            | 23.3         | 31.5  | 14.9                                          | 29.4         | 44.3  | 2,780           | 71.2                                        | 58.9                                                          |
| DRS                       | 13.6                           | 5.9          | 19.5  | 6.6                                            | 11.2         | 17.8  | 20.2                                          | 17.1         | 37.3  | 2,356           | 47.7                                        | 44.7                                                          |
| Khatlon                   | 9.5                            | 6.0          | 15.6  | 8.0                                            | 12.0         | 20.0  | 17.6                                          | 18.1         | 35.6  | 3,509           | 56.3                                        | 53.2                                                          |
| <b>FTF districts</b>      | 10.3                           | 6.0          | 16.4  | 9.1                                            | 10.9         | 20.0  | 19.4                                          | 16.9         | 36.3  | 1,937           | 55.0                                        | 51.2                                                          |
| <b>Education</b>          |                                |              |       |                                                |              |       |                                               |              |       |                 |                                             |                                                               |
| None/primary              | 11.7                           | 8.1          | 19.8  | 6.6                                            | 18.9         | 25.6  | 18.4                                          | 27.0         | 45.4  | 443             | 56.4                                        | 50.3                                                          |
| General basic             | 8.8                            | 7.3          | 16.0  | 7.6                                            | 16.3         | 24.0  | 16.4                                          | 23.6         | 40.0  | 3,271           | 59.9                                        | 53.7                                                          |
| General secondary         | 10.1                           | 5.2          | 15.2  | 8.5                                            | 15.4         | 23.9  | 18.5                                          | 20.6         | 39.1  | 4,230           | 61.1                                        | 54.8                                                          |
| Professional              |                                |              |       |                                                |              |       |                                               |              |       |                 |                                             |                                                               |
| primary/middle            | 11.1                           | 3.6          | 14.7  | 9.0                                            | 11.1         | 20.1  | 20.1                                          | 14.7         | 34.8  | 778             | 57.8                                        | 49.3                                                          |
| Higher                    | 10.3                           | 3.6          | 13.9  | 10.6                                           | 13.7         | 24.3  | 20.9                                          | 17.3         | 38.2  | 1,157           | 63.6                                        | 56.9                                                          |
| <b>Wealth quintile</b>    |                                |              |       |                                                |              |       |                                               |              |       |                 |                                             |                                                               |
| Lowest                    | 10.1                           | 6.3          | 16.4  | 6.2                                            | 13.5         | 19.7  | 16.2                                          | 19.8         | 36.0  | 1,842           | 54.6                                        | 49.2                                                          |
| Second                    | 10.0                           | 7.0          | 17.1  | 7.4                                            | 13.8         | 21.2  | 17.4                                          | 20.8         | 38.3  | 1,967           | 55.4                                        | 51.2                                                          |
| Middle                    | 10.6                           | 5.6          | 16.2  | 7.3                                            | 15.0         | 22.3  | 17.9                                          | 20.5         | 38.4  | 1,966           | 57.9                                        | 51.5                                                          |
| Fourth                    | 9.9                            | 5.6          | 15.5  | 8.7                                            | 16.7         | 25.5  | 18.6                                          | 22.3         | 41.0  | 1,964           | 62.2                                        | 54.9                                                          |
| Highest                   | 8.6                            | 4.1          | 12.7  | 12.0                                           | 17.4         | 29.3  | 20.6                                          | 21.5         | 42.0  | 2,140           | 69.8                                        | 61.2                                                          |
| <b>Total</b>              | 9.8                            | 5.7          | 15.5  | 8.4                                            | 15.3         | 23.7  | 18.2                                          | 21.0         | 39.2  | 9,879           | 60.5                                        | 54.0                                                          |

Note: Numbers in this table correspond to the revised definition of unmet need described in Bradley et al. 2012.

<sup>1</sup> Total demand is the sum of unmet need and met need.

<sup>2</sup> Percentage of demand satisfied is met need divided by total demand.

<sup>3</sup> Modern methods include female sterilization, male sterilization, IUD, injectables, implants, pill, male condom, female condom, emergency contraception, lactational amenorrhea method (LAM), and other modern methods.

**Table 7.14 Decision making about family planning**

Percent distribution of currently married women by person who usually makes the decision to use or not use family planning, Tajikistan DHS 2023

| Decision maker                                           | Percentage   |
|----------------------------------------------------------|--------------|
| Mainly wife                                              | 27.0         |
| Wife and husband/partner jointly                         | 39.5         |
| Wife's opinion more important                            | 6.7          |
| Wife's and husband's/partner's opinion equally important | 30.4         |
| Wife's opinion less important than husband's/partner's   | 2.4          |
| Mainly husband                                           | 30.6         |
| Someone else/other                                       | 2.9          |
| <b>Total</b>                                             | <b>100.0</b> |
| Number of currently married women                        | 7,392        |

**Table 7.15 Decision making about family planning by background characteristics**

Percent distribution of currently married women age 15–49 by person who usually makes the decision to use or not use family planning and percentage who participate in the decision to use or not use family planning, according to background characteristics, Tajikistan DHS 2023

| Background characteristic        | Mainly wife | Wife and husband/<br>partner jointly | Mainly husband/<br>partner | Someone else/other | Total | Percentage who participate in decision making about family planning | Number of women |
|----------------------------------|-------------|--------------------------------------|----------------------------|--------------------|-------|---------------------------------------------------------------------|-----------------|
| <b>Age</b>                       |             |                                      |                            |                    |       |                                                                     |                 |
| 15–19                            | 14.9        | 37.6                                 | 34.8                       | 12.8               | 100.0 | 52.5                                                                | 220             |
| 20–24                            | 21.2        | 39.1                                 | 34.0                       | 5.7                | 100.0 | 60.3                                                                | 1,281           |
| 25–29                            | 25.4        | 37.2                                 | 33.8                       | 3.6                | 100.0 | 62.6                                                                | 1,437           |
| 30–34                            | 28.2        | 42.1                                 | 27.5                       | 2.1                | 100.0 | 70.3                                                                | 1,407           |
| 35–39                            | 29.1        | 40.1                                 | 29.6                       | 1.2                | 100.0 | 69.2                                                                | 1,291           |
| 40–44                            | 31.0        | 39.3                                 | 29.0                       | 0.7                | 100.0 | 70.3                                                                | 974             |
| 45–49                            | 31.8        | 39.4                                 | 27.7                       | 1.1                | 100.0 | 71.2                                                                | 781             |
| <b>Family planning use</b>       |             |                                      |                            |                    |       |                                                                     |                 |
| Currently using                  | 28.6        | 44.1                                 | 25.7                       | 1.7                | 100.0 | 72.7                                                                | 2,327           |
| Not currently using <sup>1</sup> | 26.2        | 37.4                                 | 32.9                       | 3.5                | 100.0 | 63.6                                                                | 5,065           |
| <b>Number of living children</b> |             |                                      |                            |                    |       |                                                                     |                 |
| 0                                | 19.3        | 35.0                                 | 38.2                       | 7.6                | 100.0 | 54.2                                                                | 687             |
| 1–2                              | 25.4        | 40.6                                 | 30.2                       | 3.7                | 100.0 | 66.1                                                                | 2,572           |
| 3–4                              | 28.6        | 40.1                                 | 29.6                       | 1.7                | 100.0 | 68.7                                                                | 3,550           |
| 5+                               | 32.7        | 36.2                                 | 30.4                       | 0.7                | 100.0 | 68.9                                                                | 584             |
| <b>Residence</b>                 |             |                                      |                            |                    |       |                                                                     |                 |
| Urban                            | 30.1        | 41.8                                 | 26.2                       | 1.9                | 100.0 | 71.9                                                                | 1,870           |
| Rural                            | 25.9        | 38.7                                 | 32.1                       | 3.2                | 100.0 | 64.6                                                                | 5,522           |
| <b>Region</b>                    |             |                                      |                            |                    |       |                                                                     |                 |
| Dushanbe                         | 33.6        | 51.8                                 | 13.6                       | 1.0                | 100.0 | 85.4                                                                | 708             |
| GBAO                             | 36.3        | 46.2                                 | 16.8                       | 0.7                | 100.0 | 82.5                                                                | 109             |
| Sughd                            | 26.0        | 44.2                                 | 23.8                       | 6.0                | 100.0 | 70.2                                                                | 2,160           |
| DRS                              | 20.0        | 56.4                                 | 22.4                       | 1.2                | 100.0 | 76.4                                                                | 1,782           |
| Khatlon                          | 30.4        | 20.6                                 | 46.9                       | 2.1                | 100.0 | 50.9                                                                | 2,634           |
| <b>FTF districts</b>             | 38.2        | 14.9                                 | 45.4                       | 1.5                | 100.0 | 53.1                                                                | 1,482           |
| <b>Education</b>                 |             |                                      |                            |                    |       |                                                                     |                 |
| None/primary                     | 35.3        | 29.6                                 | 33.4                       | 1.7                | 100.0 | 64.9                                                                | 364             |
| General basic                    | 26.8        | 39.3                                 | 31.6                       | 2.3                | 100.0 | 66.1                                                                | 2,276           |
| General secondary                | 26.0        | 37.9                                 | 32.7                       | 3.3                | 100.0 | 64.0                                                                | 3,391           |
| Professional                     |             |                                      |                            |                    |       |                                                                     |                 |
| primary/middle                   | 26.0        | 45.0                                 | 24.7                       | 4.2                | 100.0 | 71.1                                                                | 551             |
| Higher                           | 28.4        | 47.2                                 | 22.1                       | 2.3                | 100.0 | 75.6                                                                | 811             |
| <b>Wealth quintile</b>           |             |                                      |                            |                    |       |                                                                     |                 |
| Lowest                           | 25.2        | 28.6                                 | 42.9                       | 3.4                | 100.0 | 53.7                                                                | 1,390           |
| Second                           | 27.2        | 34.8                                 | 34.6                       | 3.4                | 100.0 | 62.0                                                                | 1,451           |
| Middle                           | 27.3        | 40.2                                 | 30.0                       | 2.6                | 100.0 | 67.5                                                                | 1,512           |
| Fourth                           | 25.3        | 46.0                                 | 25.6                       | 3.1                | 100.0 | 71.3                                                                | 1,566           |
| Highest                          | 30.0        | 46.8                                 | 21.2                       | 2.1                | 100.0 | 76.7                                                                | 1,474           |
| <b>Total</b>                     | 27.0        | 39.5                                 | 30.6                       | 2.9                | 100.0 | 66.5                                                                | 7,392           |

<sup>1</sup> Nonusers include pregnant women.

**Table 7.16 Pressure to become pregnant**

Percentage of currently married women who were ever pressured by their husband/partner or any other family member to become pregnant when they did not want to, according to background characteristics, Tajikistan DHS 2023

| Background characteristic        | Percentage of women pressured to become pregnant by their husband/partner or other family member | Number of women |
|----------------------------------|--------------------------------------------------------------------------------------------------|-----------------|
| <b>Age</b>                       |                                                                                                  |                 |
| 15–19                            | 2.0                                                                                              | 220             |
| 20–24                            | 3.0                                                                                              | 1,281           |
| 25–29                            | 2.4                                                                                              | 1,437           |
| 30–34                            | 3.0                                                                                              | 1,407           |
| 35–39                            | 3.3                                                                                              | 1,291           |
| 40–44                            | 2.6                                                                                              | 974             |
| 45–49                            | 2.8                                                                                              | 781             |
| <b>Number of living children</b> |                                                                                                  |                 |
| 0                                | 3.5                                                                                              | 687             |
| 1–2                              | 2.7                                                                                              | 2,572           |
| 3–4                              | 2.7                                                                                              | 3,550           |
| 5+                               | 3.2                                                                                              | 584             |
| <b>Family planning use</b>       |                                                                                                  |                 |
| Currently using                  | 2.7                                                                                              | 2,327           |
| Not currently using <sup>1</sup> | 2.9                                                                                              | 5,065           |
| <b>Residence</b>                 |                                                                                                  |                 |
| Urban                            | 2.7                                                                                              | 1,870           |
| Rural                            | 2.9                                                                                              | 5,522           |
| <b>Region</b>                    |                                                                                                  |                 |
| Dushanbe                         | 2.7                                                                                              | 708             |
| GBAO                             | 1.1                                                                                              | 109             |
| Sughd                            | 2.4                                                                                              | 2,160           |
| DRS                              | 3.1                                                                                              | 1,782           |
| Khatlon                          | 3.1                                                                                              | 2,634           |
| <b>FTF districts</b>             | 3.4                                                                                              | 1,482           |
| <b>Education</b>                 |                                                                                                  |                 |
| None/primary                     | 2.5                                                                                              | 364             |
| General basic                    | 3.1                                                                                              | 2,276           |
| General secondary                | 2.6                                                                                              | 3,391           |
| Professional                     |                                                                                                  |                 |
| primary/middle                   | 3.4                                                                                              | 551             |
| Higher                           | 2.7                                                                                              | 811             |
| <b>Wealth quintile</b>           |                                                                                                  |                 |
| Lowest                           | 3.2                                                                                              | 1,390           |
| Second                           | 2.8                                                                                              | 1,451           |
| Middle                           | 3.0                                                                                              | 1,512           |
| Fourth                           | 2.9                                                                                              | 1,566           |
| Highest                          | 2.2                                                                                              | 1,474           |
| <b>Total</b>                     | 2.8                                                                                              | 7,392           |

<sup>1</sup> Nonusers include pregnant women.

**Table 7.17 Future use of contraception**

Percent distribution of currently married women age 15–49 who are not using a contraceptive method by intention to use in the future, according to number of living children, Tajikistan DHS 2023

| Intention to use in the future | Number of living children <sup>1</sup> |       |       |       |       | Total |
|--------------------------------|----------------------------------------|-------|-------|-------|-------|-------|
|                                | 0                                      | 1     | 2     | 3     | 4+    |       |
| Intends to use                 | 14.4                                   | 20.3  | 22.3  | 23.5  | 23.8  | 21.9  |
| Unsure                         | 32.3                                   | 35.3  | 35.6  | 30.0  | 25.1  | 31.3  |
| Does not intend to use         | 53.3                                   | 44.4  | 42.1  | 46.5  | 51.1  | 46.8  |
| <b>Total</b>                   | 100.0                                  | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| <b>Number of women</b>         | 444                                    | 915   | 1,165 | 1,316 | 1,225 | 5,065 |

<sup>1</sup> Includes current pregnancy

**Table 7.18 Exposure to family planning messages**

Percentage of women age 15–49 who heard or saw specific family planning messages in the past 12 months, according to background characteristics, Tajikistan DHS 2023

| Background characteristic | Radio | Television | News-paper/<br>magazine | Mobile phone | Social media <sup>1</sup> | Poster/<br>leaflet/<br>brochure | Outdoor sign or billboard | Com-munity meeting or event | None of these eight sources | Number of women |
|---------------------------|-------|------------|-------------------------|--------------|---------------------------|---------------------------------|---------------------------|-----------------------------|-----------------------------|-----------------|
| <b>Age</b>                |       |            |                         |              |                           |                                 |                           |                             |                             |                 |
| 15–19                     | 6.8   | 29.4       | 18.7                    | 7.9          | 11.0                      | 10.7                            | 9.0                       | 9.7                         | 63.8                        | 1,710           |
| 20–24                     | 11.8  | 39.6       | 21.5                    | 11.3         | 15.5                      | 15.6                            | 14.1                      | 12.7                        | 50.8                        | 1,616           |
| 25–29                     | 12.7  | 39.8       | 20.4                    | 12.0         | 15.7                      | 15.2                            | 14.4                      | 12.7                        | 50.8                        | 1,559           |
| 30–34                     | 11.9  | 40.6       | 21.1                    | 10.9         | 16.7                      | 17.0                            | 13.8                      | 14.1                        | 49.0                        | 1,545           |
| 35–39                     | 12.6  | 41.0       | 21.1                    | 11.8         | 17.4                      | 17.5                            | 13.9                      | 14.0                        | 48.4                        | 1,435           |
| 40–44                     | 12.0  | 39.0       | 20.8                    | 10.9         | 15.5                      | 15.2                            | 13.0                      | 13.2                        | 53.0                        | 1,096           |
| 45–49                     | 12.4  | 41.9       | 22.6                    | 10.9         | 15.2                      | 16.8                            | 14.5                      | 15.2                        | 47.4                        | 917             |
| <b>Residence</b>          |       |            |                         |              |                           |                                 |                           |                             |                             |                 |
| Urban                     | 15.3  | 51.7       | 34.1                    | 18.9         | 25.0                      | 24.8                            | 22.2                      | 20.5                        | 38.0                        | 2,705           |
| Rural                     | 9.8   | 33.4       | 15.7                    | 7.7          | 11.5                      | 11.6                            | 9.7                       | 10.0                        | 57.7                        | 7,174           |
| <b>Region</b>             |       |            |                         |              |                           |                                 |                           |                             |                             |                 |
| Dushanbe                  | 18.0  | 62.6       | 44.0                    | 26.3         | 34.4                      | 33.7                            | 30.3                      | 28.2                        | 27.0                        | 1,077           |
| GBAO                      | 6.1   | 66.5       | 45.3                    | 19.0         | 30.1                      | 41.3                            | 18.9                      | 20.5                        | 17.8                        | 157             |
| Sughd                     | 16.9  | 49.1       | 24.9                    | 12.7         | 17.3                      | 20.8                            | 17.3                      | 17.8                        | 36.9                        | 2,780           |
| DRS                       | 3.4   | 26.0       | 12.6                    | 4.1          | 11.5                      | 5.6                             | 3.2                       | 2.5                         | 68.7                        | 2,356           |
| Khatlon                   | 10.3  | 29.5       | 14.7                    | 8.6          | 9.4                       | 10.5                            | 11.0                      | 10.9                        | 62.9                        | 3,509           |
| <b>FTF districts</b>      | 6.4   | 18.5       | 10.4                    | 8.4          | 8.6                       | 10.0                            | 10.6                      | 11.9                        | 72.7                        | 1,937           |
| <b>Education</b>          |       |            |                         |              |                           |                                 |                           |                             |                             |                 |
| None/primary              | 5.8   | 24.7       | 12.0                    | 6.2          | 9.1                       | 9.5                             | 8.9                       | 9.0                         | 64.7                        | 443             |
| General basic             | 8.7   | 34.8       | 15.1                    | 7.2          | 9.8                       | 11.4                            | 9.4                       | 8.3                         | 58.4                        | 3,271           |
| General secondary         | 10.6  | 35.5       | 16.9                    | 9.2          | 12.6                      | 13.2                            | 12.4                      | 12.9                        | 54.8                        | 4,230           |
| Professional              |       |            |                         |              |                           |                                 |                           |                             |                             |                 |
| primary/middle            | 15.8  | 45.2       | 33.7                    | 16.7         | 24.3                      | 24.6                            | 18.2                      | 16.9                        | 42.6                        | 778             |
| Higher                    | 20.1  | 59.9       | 45.5                    | 24.5         | 36.1                      | 29.7                            | 24.5                      | 24.3                        | 28.1                        | 1,157           |
| <b>Wealth quintile</b>    |       |            |                         |              |                           |                                 |                           |                             |                             |                 |
| Lowest                    | 5.8   | 21.4       | 8.5                     | 3.0          | 3.5                       | 7.0                             | 5.7                       | 7.7                         | 68.5                        | 1,842           |
| Second                    | 7.1   | 29.9       | 12.4                    | 7.0          | 7.9                       | 10.7                            | 9.4                       | 8.1                         | 60.8                        | 1,967           |
| Middle                    | 11.3  | 36.0       | 18.1                    | 9.1          | 13.0                      | 12.8                            | 9.5                       | 10.0                        | 55.8                        | 1,966           |
| Fourth                    | 12.4  | 43.8       | 23.5                    | 10.7         | 19.0                      | 15.9                            | 13.9                      | 12.9                        | 48.1                        | 1,964           |
| Highest                   | 18.8  | 58.0       | 39.0                    | 22.5         | 30.5                      | 28.2                            | 25.4                      | 24.2                        | 31.3                        | 2,140           |
| <b>Total</b>              | 11.3  | 38.4       | 20.8                    | 10.8         | 15.2                      | 15.3                            | 13.1                      | 12.9                        | 52.3                        | 9,879           |

<sup>1</sup> Social media includes platforms such as Facebook, Twitter, and Instagram.



**Table 7.19 Contact of nonusers with family planning providers**

Among women age 15–49 who are not using contraception, percentage who during the past 12 months were visited by a medical worker who discussed family planning, percentage who visited a health facility and discussed family planning, percentage who visited a health facility but did not discuss family planning, and percentage who did not discuss family planning either with a medical worker or at a health facility, according to background characteristics, Tajikistan DHS 2023

| Background characteristic | Percentage of women who were visited by a medical worker who discussed family planning | Percentage of women who visited a health facility in the past 12 months and who: |                                 | Percentage of women who did not discuss family planning either with a medical worker or at a health facility | Number of women |
|---------------------------|----------------------------------------------------------------------------------------|----------------------------------------------------------------------------------|---------------------------------|--------------------------------------------------------------------------------------------------------------|-----------------|
|                           |                                                                                        | Discussed family planning                                                        | Did not discuss family planning |                                                                                                              |                 |
| <b>Age</b>                |                                                                                        |                                                                                  |                                 |                                                                                                              |                 |
| 15–19                     | 13.4                                                                                   | 16.2                                                                             | 24.2                            | 80.9                                                                                                         | 1,702           |
| 20–24                     | 42.8                                                                                   | 50.8                                                                             | 23.5                            | 44.2                                                                                                         | 1,447           |
| 25–29                     | 48.6                                                                                   | 57.3                                                                             | 22.4                            | 37.9                                                                                                         | 1,142           |
| 30–34                     | 43.6                                                                                   | 51.1                                                                             | 25.9                            | 44.4                                                                                                         | 1,010           |
| 35–39                     | 39.6                                                                                   | 49.3                                                                             | 25.7                            | 47.1                                                                                                         | 863             |
| 40–44                     | 35.1                                                                                   | 39.3                                                                             | 29.0                            | 56.0                                                                                                         | 679             |
| 45–49                     | 34.7                                                                                   | 35.2                                                                             | 27.5                            | 58.0                                                                                                         | 690             |
| <b>Residence</b>          |                                                                                        |                                                                                  |                                 |                                                                                                              |                 |
| Urban                     | 44.2                                                                                   | 48.1                                                                             | 22.4                            | 47.1                                                                                                         | 2,008           |
| Rural                     | 32.1                                                                                   | 38.9                                                                             | 25.9                            | 56.8                                                                                                         | 5,526           |
| <b>Region</b>             |                                                                                        |                                                                                  |                                 |                                                                                                              |                 |
| Dushanbe                  | 58.8                                                                                   | 57.8                                                                             | 19.5                            | 35.8                                                                                                         | 771             |
| GBAO                      | 42.5                                                                                   | 45.6                                                                             | 31.3                            | 47.2                                                                                                         | 116             |
| Sughd                     | 20.9                                                                                   | 32.5                                                                             | 37.5                            | 63.4                                                                                                         | 1,904           |
| DRS                       | 38.0                                                                                   | 39.1                                                                             | 30.8                            | 56.0                                                                                                         | 1,937           |
| Khatlon                   | 36.5                                                                                   | 44.2                                                                             | 13.6                            | 52.2                                                                                                         | 2,805           |
| <b>FTF districts</b>      | 30.8                                                                                   | 38.3                                                                             | 9.9                             | 58.4                                                                                                         | 1,550           |
| <b>Education</b>          |                                                                                        |                                                                                  |                                 |                                                                                                              |                 |
| None/primary              | 31.8                                                                                   | 39.1                                                                             | 29.9                            | 56.0                                                                                                         | 330             |
| General basic             | 32.1                                                                                   | 37.1                                                                             | 27.1                            | 59.3                                                                                                         | 2,488           |
| General secondary         | 34.5                                                                                   | 41.3                                                                             | 22.8                            | 54.1                                                                                                         | 3,219           |
| Professional              |                                                                                        |                                                                                  |                                 |                                                                                                              |                 |
| primary/middle            | 42.3                                                                                   | 48.1                                                                             | 25.5                            | 45.5                                                                                                         | 621             |
| Higher                    | 44.0                                                                                   | 49.8                                                                             | 24.4                            | 45.8                                                                                                         | 876             |
| <b>Wealth quintile</b>    |                                                                                        |                                                                                  |                                 |                                                                                                              |                 |
| Lowest                    | 31.2                                                                                   | 37.1                                                                             | 21.8                            | 59.3                                                                                                         | 1,480           |
| Second                    | 33.7                                                                                   | 39.5                                                                             | 23.1                            | 55.6                                                                                                         | 1,550           |
| Middle                    | 33.4                                                                                   | 42.3                                                                             | 26.9                            | 53.9                                                                                                         | 1,528           |
| Fourth                    | 33.1                                                                                   | 38.9                                                                             | 30.0                            | 56.9                                                                                                         | 1,463           |
| Highest                   | 45.1                                                                                   | 49.0                                                                             | 23.0                            | 45.6                                                                                                         | 1,512           |
| <b>Total</b>              | 35.3                                                                                   | 41.4                                                                             | 24.9                            | 54.2                                                                                                         | 7,534           |

## INFANT AND CHILD MORTALITY

### Key Findings

- **Childhood mortality rates:** During the 5 years immediately preceding the survey, the neonatal mortality rate was 10 deaths per 1,000 live births, the infant mortality rate was 20 deaths per 1,000 live births, and the under-5 mortality rate was 24 deaths per 1,000 live births.
- **Trends in infant and child mortality:** Neonatal mortality decreased from 19 deaths per 1,000 live births in the 5 years preceding the 2012 survey to 10 deaths per 1,000 live births in the 5 years preceding the 2023 survey. The infant mortality rate also showed a substantial decline, falling from 34 deaths per 1,000 live births in the 5 years preceding the 2012 survey to 20 deaths per 1,000 live births in the 5 years preceding the 2023 survey. Similarly, under-5 mortality dropped from 43 deaths per 1,000 live births in the 5 years preceding the 2012 survey to 24 deaths per 1,000 live births in the 5 years preceding the 2023 survey.
- **Perinatal mortality:** The perinatal mortality rate was 13 deaths per 1,000 pregnancies of 28 or more weeks' duration in the 5 years preceding the survey.
- **High-risk fertility behavior:** 74% of currently married women age 15–49 would have been in an avoidable high-risk category if they had conceived at the time of the survey; 34% would have been in a single high-risk category, and 40% would have been in a multiple high-risk category.

Information on infant and child mortality is relevant to a demographic assessment of a country's population and is an important indicator of the country's socioeconomic development and people's quality of life. It can also help identify children who may be at higher risk of death and lead to strategies to reduce this risk, such as promoting birth spacing.

This chapter presents information on levels, trends, and differentials in perinatal, neonatal, infant, and under-5 mortality rates. It also examines biodemographic factors and fertility behaviors that increase mortality risks for infants and children. The information was collected as part of a retrospective pregnancy history in which female respondents listed all of the children to whom they have given birth, along with each child's date of birth, survivorship status, and current age or age at death.

The quality of mortality estimates calculated from pregnancy histories depends on the mother's ability to recall all of the children she has given birth to, as well as their birth dates and ages at death. Potential data quality problems include:

- The selective omission from pregnancy histories of those births that did not survive, which can result in underestimation of childhood mortality.
- The displacement of birth dates, which could distort mortality trends. This can occur if an interviewer records a birth as occurring in a different year than the one in which it occurred. This could happen if

an interviewer is trying to cut down on his or her overall workload, because live births occurring during the 3 years before the interview are the subject of a lengthy set of additional questions.

- The quality of reporting of age at death. Misreporting the child's age at death may distort the age pattern of mortality, especially if the net effect of the age misreporting is to transfer deaths from one age bracket to another.
- Any method of measuring childhood mortality that relies on mothers' reports (for example, birth histories) assumes that female adult mortality is not high or, if it is high, that there is little or no correlation between the mortality risks of mothers and those of their children.

Selected indicators of the quality of the mortality data on which the estimates of mortality in this chapter are based are presented in Appendix C, **Tables C.5** and **C.6**.

Some underreporting of child deaths relative to the 2012 survey was identified during a review of the data quality tables.

Appendix C, **Figure C.2** shows neonatal, infant, and under-5 mortality estimates for the 0–4, 5–9, and 10–14 years prior to the 2023, 2017, and 2012 TjDHS surveys. It is expected that the 5–9 year estimate for 2023 would generally overlap with the 0–4 year estimate for 2017 and that the 10–14 year estimate for 2023 would generally overlap with the 5–9 year estimate for 2017 and the 0–4 year estimate for 2012. However, **Figure C.2** does not depict this overlap, suggesting that mortality may be underestimated in the 2023 TjDHS, slightly overestimated in the 2017 TjDHS, or some combination of both.

## 8.1 INFANT AND CHILD MORTALITY

**Neonatal mortality:** The probability of dying within the first month of life.

**Postneonatal mortality:** The probability of dying between the first month of life and the first birthday (computed as the difference between infant and neonatal mortality).

**Infant mortality:** The probability of dying between birth and the first birthday.

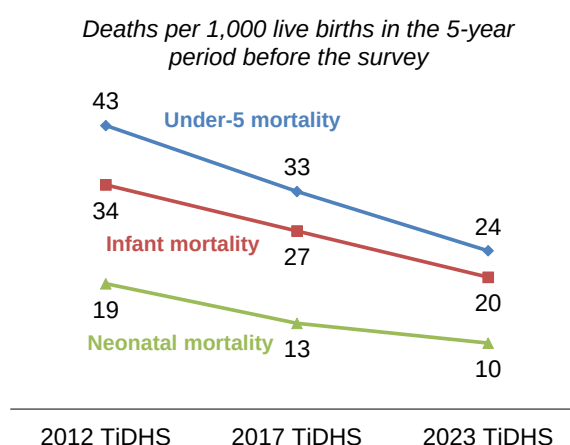
**Child mortality:** The probability of dying between the first and the fifth birthday.

**Under-5 mortality:** The probability of dying between birth and the fifth birthday.

During the 5 years immediately preceding the survey, the neonatal mortality rate was 10 deaths per 1,000 live births, the infant mortality rate was 20 deaths per 1,000 live births, and the under-5 mortality rate was 24 deaths per 1,000 live births (**Table 8.1**). Neonatal deaths account for almost half of all infant deaths.

**Trends:** Neonatal mortality decreased from 19 deaths per 1,000 live births in the 5 years preceding the 2012 survey to 10 deaths per 1,000 live births in the 5 years preceding the 2023 survey. The infant mortality rate also showed a substantial decline, falling from 34 deaths per 1,000 live births in the 5 years preceding the 2012 survey to 20 deaths per 1,000 live births in the 5 years preceding the 2023 survey. Similarly, under-5 mortality dropped from 43 deaths per 1,000 live births in the 5 years preceding the 2012 survey to 24 deaths per 1,000 live births in the 5 years preceding the 2023 survey (**Figure 8.1**).

**Figure 8.1 Trends in early childhood mortality rates**



### Patterns by background characteristics

- The neonatal mortality rate is slightly higher among female children (11 deaths per 1,000 live births) than among male children (8 deaths per 1,000 live births). Neonatal mortality is the same in urban and rural areas (10 deaths per 1,000 live births) (**Table 8.2**).
- Infant mortality rates are nearly identical for male children (21 deaths per 1,000 live births) and female children (20 deaths per 1,000 live births). Infant mortality is slightly higher in rural areas (21 deaths per 1,000 live births) than in urban areas (18 deaths per 1,000 live births).
- There is a small difference in under-5 mortality rates between male and female children (23 and 25 deaths per 1,000 live births, respectively). Under-5 mortality is higher in rural areas (25 deaths per 1,000 live births) than in urban areas (21 deaths per 1,000 live births).

**Table 8.3** presents data on the relationship between additional background characteristics and child mortality for the 10-year period preceding the survey. A 10-year period was used to increase the reliability of the estimates calculated.

### Patterns by additional background characteristics

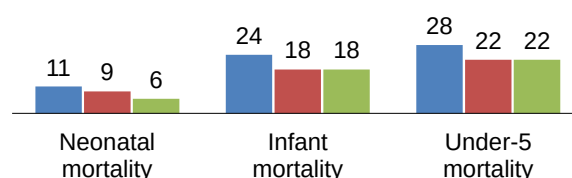
- The neonatal mortality rate for the 10-year period preceding the survey varies substantially by region, ranging from 4 deaths per 1,000 live births in Khatlon to 13 deaths per 1,000 live births in Dushanbe. Infant and under-5 mortality rates were also lowest in Khatlon (15 and 19 deaths per 1,000 live births, respectively), while Districts of Republican Subordination (DRS) had the highest rates (24 and 29 deaths per 1,000 live births, respectively) (**Table 8.3**). However, these estimates should be interpreted with caution as mortality rates are relatively low, the numbers of reported deaths are small, and the estimates have relatively large confidence intervals, indicating little statistical difference between estimates. There is possible underreporting of deaths in certain regions and in poorer and lesser educated populations. Please review the confidence intervals for mortality rates in Appendix B to better assess the estimates.

- Children of young mothers (age 20 or below) had the highest rates of neonatal mortality (11 deaths per 1,000 live births), infant mortality (24 deaths per 1,000 live births), and under-5 mortality (28 deaths per 1,000 live births) (Figure 8.2).

**Figure 8.2 Early childhood mortality by mother's age at birth**

Deaths per 1,000 live births for the 10-year period before the survey

■ <20 ■ 20–29 ■ 30–39



## 8.2 PERINATAL MORTALITY

### Perinatal mortality rate

Perinatal deaths comprise stillbirths (pregnancy losses occurring after 28 weeks of gestation) and early neonatal deaths (deaths of live births within the first 7 days of life). The perinatal mortality rate is calculated as the number of perinatal deaths per 1,000 pregnancies of 28 or more weeks' duration.<sup>1</sup>

**Sample:** Number of pregnancies of 28 or more weeks' duration among women age 15–49 in the 5 years before the survey

The causes of stillbirths and early neonatal deaths are closely linked, and examining only early neonatal deaths can understate the true level of mortality around delivery. The perinatal mortality rate encompasses both stillbirths and early neonatal deaths and, thus, provides a better measure of mortality at the time of delivery.

In 2014 the Every Newborn Action Plan, a global multipartner movement to end preventable maternal and newborn deaths and stillbirths, set a target for national stillbirth rates of 12 or fewer stillbirths per 1,000 births in all countries by 2030 (WHO and UNICEF 2014).

**Table 8.4** presents the number of stillbirths, the number of early neonatal deaths, and related mortality rates for the 5-year period preceding the survey, by demographic and socioeconomic characteristics. Notably, there were 30 stillbirths and 39 early neonatal deaths reported. It is important to consider that these figures are likely underestimated due to underreporting, and the small number of events means that perinatal mortality rates for various subgroups are based on very few cases, potentially impacting the reliability of these rates.

<sup>1</sup> The *International Classification of Diseases, Eleventh Revision (ICD-11)* criteria for international reporting of stillbirths and/or neonatal deaths are set at 28 completed weeks of gestation or more, while countries are encouraged to provide, where possible, data from 22 completed weeks or more as well (WHO 2022). The *ICD-11* defines perinatal mortality as the number of fetal deaths of at least 28 weeks of gestation and/or 1,000 g in weight and newborn deaths (up to and including the first 7 days after birth) per 1,000 total births (that is, including stillbirths and live births) (WHO 2021; WHO 2022). DHS surveys report the rate based on all pregnancies of 7 or more months (or 28 weeks of gestation or more) that terminated in a fetal death along with pregnancies that ended with a live birth, which is the equivalent of total births.

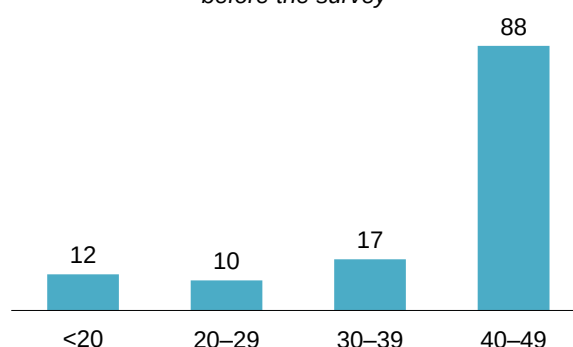
In the 2023 Tajikistan DHS, the 30 recorded stillbirths equate to a rate of 6 stillbirths per 1,000 pregnancies of 28 or more weeks' duration. The 39 early neonatal deaths reported during the same period equate to a rate of 7 early neonatal deaths per 1,000 live births. This results in a perinatal mortality rate of 13 deaths per 1,000 pregnancies of 28 or more weeks' duration,<sup>2</sup> which is slightly higher than the target set by the Every Newborn Action Plan. However, these results should be interpreted with caution as perinatal mortality is likely underestimated.

### Patterns by background characteristics

- Perinatal mortality is substantially higher among mothers age 40–49 (88 deaths per 1,000 pregnancies) than among younger mothers (**Figure 8.3**). The substantial difference is likely due, in part, to the very low number of pregnancies of 28 or more weeks' duration (only 82) recorded in the 40–49 age group relative to the other age groups.
- The perinatal mortality rate is higher in urban areas (16 deaths per 1,000 pregnancies) than in rural areas (12 deaths per 1,000 pregnancies).
- Perinatal mortality is lowest in the lowest wealth quintile (9 deaths per 1,000 pregnancies) and highest in the fourth and highest wealth quintiles (17 deaths per 1,000 pregnancies).

**Figure 8.3 Perinatal mortality by mother's age at birth**

*Deaths per 1,000 pregnancies of 28 or more weeks' duration in the 5-year period before the survey*



## 8.3 HIGH-RISK FERTILITY BEHAVIOR

The survival of infants and children depends in part on the demographic and biological characteristics of their mothers. Typically, the probability of dying in infancy is much greater among children born to mothers who are too young (under age 18) or too old (over age 34), children born after a short birth interval (less than 24 months after the preceding birth), and children born to mothers of high parity (more than three children). **Table 8.5** gives the percent distribution of children born in the 5 years preceding the survey by category of elevated risk of mortality (along with risk ratios) and the percent distribution of currently married women by their category of risk if they were to conceive a child at the time of the survey.

Thirty-one percent of births in the 5 years preceding the survey were not in any high-risk category. Twenty-eight percent of births were in an unavoidable risk category, that is, first-order births to women between age 18 and age 34. Forty-two percent of births were in an avoidable high-risk category; 33% were in a single high-risk category (mother's age less than 18 years, mother's age more than 34 years, birth interval less than 24 months, and birth order greater than three), and 9% were in multiple high-risk categories.

The risk ratio denotes the relationship between risk factors and mortality. For example, the risk of dying for a child who falls into any of the avoidable high-risk categories is 1.44 times that for a child not in any high-risk category.

<sup>2</sup> The TjDHS classification of perinatal deaths differs somewhat from that used by the Tajik Republic Ministry of Health and Social Protection of Population (MoHSPP). In calculating perinatal mortality, the current Tajik MoHSPP approach includes early neonatal deaths and stillbirths occurring after 24 weeks of pregnancy in the numerator of the rate and total births (stillbirths and live births) in the denominator. When the 2023 TjDHS perinatal mortality rate is recalculated using this cutoff, the estimate of the perinatal mortality rate is 15 per 1,000 (data not shown).

Among births in a single high-risk category, the risk ratio is highest for births to mothers over age 34; children born to mothers older than age 34 are 1.66 times more likely to die than those not in any risk category.

Among births in multiple high-risk categories, the risk of dying is highest for births to mothers above age 34 and with a birth order greater than three. Children born to mothers in these risk categories are 3.13 times more likely to die than those born to mothers who are not in any high-risk category.

Seventy-four percent of currently married women age 15–49 would have been in an avoidable high-risk category if they had conceived at the time of the survey; 34% would have been in a single high-risk category, and 40% would have been in a multiple high-risk category (**Table 8.5**).

## 8.4 REGISTRATION OF CHILD DEATHS

Vital registration systems are a key instrument for tracking mortality trends. The 2023 TjDHS included several questions relating to registration of deaths with the State Office for Registration of Civil Status (ZAGS) in Tajikistan. A death certificate was available for 24% of children who died in the 5 years before the survey; in the case of 34% of children who died, a death certificate was not available but the mother reported that the death was registered with the civil authorities (**Figure 8.4**). Thirty-two percent of children who died did not have their deaths registered.

### LIST OF TABLES

For more information on infant and child mortality, see the following tables:

- **Table 8.1** Early childhood mortality rates
- **Table 8.2** Five-year early childhood mortality rates according to background characteristics
- **Table 8.3** Ten-year early childhood mortality rates according to additional characteristics
- **Table 8.4** Perinatal mortality
- **Table 8.5** High-risk fertility behavior

**Figure 8.4** Death registration

*Percent distribution of deaths of children born in the 5 years preceding the survey, by death registration status*

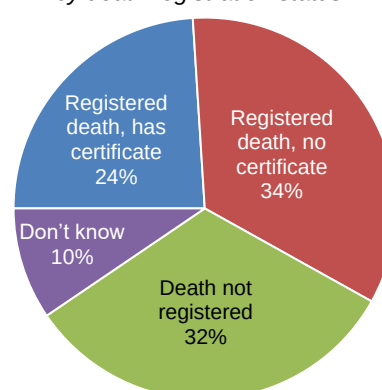


**Table 8.1 Early childhood mortality rates**

Neonatal, postneonatal, infant, child, and under-5 mortality rates for 5-year periods preceding the survey, Tajikistan DHS 2023

| Years preceding the survey | Neonatal mortality (NN) | Postneonatal mortality (PNN) <sup>1</sup> | Infant mortality ( <sub>1</sub> q <sub>0</sub> ) | Child mortality ( <sub>4</sub> q <sub>1</sub> ) | Under-5 mortality ( <sub>5</sub> q <sub>0</sub> ) |
|----------------------------|-------------------------|-------------------------------------------|--------------------------------------------------|-------------------------------------------------|---------------------------------------------------|
| 0–4                        | 10 (CI: 6, 13)          | 11 (CI: 7, 14)                            | 20 (CI: 15, 25)                                  | 4 (CI: 2, 6)                                    | 24 (CI: 19, 30)                                   |
| 5–9                        | 8 (CI: 5, 11)           | 9 (CI: 6, 12)                             | 17 (CI: 13, 21)                                  | 5 (CI: 3, 7)                                    | 22 (CI: 17, 26)                                   |
| 10–14                      | 12 (CI: 8, 16)          | 9 (CI: 5, 12)                             | 21 (CI: 16, 26)                                  | 4 (CI: 2, 7)                                    | 25 (CI: 19, 31)                                   |

<sup>1</sup> Computed as the difference between the infant and neonatal mortality rates**Table 8.2 Five-year early childhood mortality rates according to background characteristics**

Neonatal, postneonatal, infant, child, and under-5 mortality rates for the 5-year period preceding the survey, according to background characteristics, Tajikistan DHS 2023

| Background characteristic | Neonatal mortality (NN) | Post-neonatal mortality (PNN) <sup>1</sup> | Infant mortality ( <sub>1</sub> q <sub>0</sub> ) | Child mortality ( <sub>4</sub> q <sub>1</sub> ) | Under-5 mortality ( <sub>5</sub> q <sub>0</sub> ) |
|---------------------------|-------------------------|--------------------------------------------|--------------------------------------------------|-------------------------------------------------|---------------------------------------------------|
| <b>Child's sex</b>        |                         |                                            |                                                  |                                                 |                                                   |
| Male                      | 8                       | 12                                         | 21                                               | 2                                               | 23                                                |
| Female                    | 11                      | 9                                          | 20                                               | 5                                               | 25                                                |
| <b>Residence</b>          |                         |                                            |                                                  |                                                 |                                                   |
| Urban                     | 10                      | 8                                          | 18                                               | 3                                               | 21                                                |
| Rural                     | 10                      | 12                                         | 21                                               | 4                                               | 25                                                |
| Total                     | 10                      | 11                                         | 20                                               | 4                                               | 24                                                |

<sup>1</sup> Computed as the difference between the infant and neonatal mortality rates



**Table 8.3 Ten-year early childhood mortality rates according to additional characteristics**

Neonatal, postneonatal, infant, child, and under-5 mortality rates for the 10-year period preceding the survey, according to additional characteristics, Tajikistan DHS 2023

| Characteristic                             | Neonatal mortality (NN) | Post-neonatal mortality (PNN) <sup>1</sup> | Infant mortality ( <sub>1q0</sub> ) | Child mortality ( <sub>4q1</sub> ) | Under-5 mortality ( <sub>5q0</sub> ) |
|--------------------------------------------|-------------------------|--------------------------------------------|-------------------------------------|------------------------------------|--------------------------------------|
| <b>Mother's age at birth</b>               |                         |                                            |                                     |                                    |                                      |
| <20                                        | 11                      | 13                                         | 24                                  | 4                                  | 28                                   |
| 20–29                                      | 9                       | 9                                          | 18                                  | 4                                  | 22                                   |
| 30–39                                      | 6                       | 12                                         | 18                                  | 4                                  | 22                                   |
| 40–49                                      | *                       | *                                          | *                                   | *                                  | *                                    |
| <b>Birth order</b>                         |                         |                                            |                                     |                                    |                                      |
| 1                                          | 9                       | 12                                         | 22                                  | 6                                  | 27                                   |
| 2–3                                        | 8                       | 8                                          | 16                                  | 3                                  | 19                                   |
| 4–6                                        | 9                       | 12                                         | 21                                  | 6                                  | 27                                   |
| 7+                                         | *                       | *                                          | *                                   | *                                  | *                                    |
| <b>Previous birth interval<sup>2</sup></b> |                         |                                            |                                     |                                    |                                      |
| <2 years                                   | 9                       | 14                                         | 23                                  | 2                                  | 25                                   |
| 2 years                                    | 6                       | 9                                          | 15                                  | 4                                  | 19                                   |
| 3 years                                    | 11                      | 4                                          | 14                                  | 9                                  | 24                                   |
| 4+ years                                   | 10                      | 5                                          | 15                                  | 2                                  | 17                                   |
| <b>Region</b>                              |                         |                                            |                                     |                                    |                                      |
| Dushanbe                                   | 13                      | 5                                          | 18                                  | 2                                  | 21                                   |
| GBAO                                       | 12                      | 5                                          | 17                                  | 3                                  | 20                                   |
| Sughd                                      | 12                      | 9                                          | 20                                  | 3                                  | 23                                   |
| DRS                                        | 11                      | 13                                         | 24                                  | 6                                  | 29                                   |
| Khatlon                                    | 4                       | 10                                         | 15                                  | 5                                  | 19                                   |
| <b>FTF districts</b>                       | 3                       | 11                                         | 14                                  | 4                                  | 18                                   |
| <b>Mother's education</b>                  |                         |                                            |                                     |                                    |                                      |
| None/primary                               | 5                       | 10                                         | 15                                  | 3                                  | 19                                   |
| General basic                              | 13                      | 11                                         | 23                                  | 6                                  | 29                                   |
| General secondary                          | 7                       | 9                                          | 15                                  | 3                                  | 19                                   |
| Professional primary/middle                | 8                       | 14                                         | 22                                  | 5                                  | 27                                   |
| Higher                                     | 7                       | 11                                         | 18                                  | 1                                  | 19                                   |
| <b>Wealth quintile</b>                     |                         |                                            |                                     |                                    |                                      |
| Lowest                                     | 6                       | 9                                          | 14                                  | 6                                  | 20                                   |
| Second                                     | 9                       | 11                                         | 20                                  | 7                                  | 27                                   |
| Middle                                     | 11                      | 13                                         | 24                                  | 2                                  | 27                                   |
| Fourth                                     | 7                       | 10                                         | 18                                  | 3                                  | 21                                   |
| Highest                                    | 12                      | 6                                          | 18                                  | 2                                  | 20                                   |

Note: An asterisk indicates that a figure is based on fewer than 250 unweighted children and has been suppressed.

<sup>1</sup> Computed as the difference between the infant and neonatal mortality rates

<sup>2</sup> Excludes first-order births

**Table 8.4 Perinatal mortality**

Number of stillbirths, number of early neonatal deaths, stillbirth rate, early neonatal death rate, perinatal mortality rate, and the ratio of stillbirths to early neonatal deaths for the 5-year period preceding the survey, according to background characteristics, Tajikistan DHS 2023

| Background characteristic                                | Number of stillbirths <sup>1</sup> | Number of early neonatal deaths <sup>2</sup> | Stillbirth rate <sup>3</sup> | Early neonatal death rate <sup>4</sup> | Perinatal mortality rate <sup>5</sup> | Number of pregnancies of 28+ weeks' duration <sup>6</sup> | Ratio of stillbirths to early neonatal deaths |
|----------------------------------------------------------|------------------------------------|----------------------------------------------|------------------------------|----------------------------------------|---------------------------------------|-----------------------------------------------------------|-----------------------------------------------|
| <b>Mother's age at birth</b>                             |                                    |                                              |                              |                                        |                                       |                                                           |                                               |
| <20                                                      | 2                                  | 3                                            | 6                            | 6                                      | 12                                    | 396                                                       | 0.9                                           |
| 20–29                                                    | 16                                 | 22                                           | 4                            | 6                                      | 10                                    | 3,647                                                     | 0.7                                           |
| 30–39                                                    | 10                                 | 9                                            | 9                            | 8                                      | 17                                    | 1,152                                                     | 1.0                                           |
| 40–49                                                    | 3                                  | 5                                            | 31                           | 58                                     | 88                                    | 82                                                        | 0.6                                           |
| <b>Previous pregnancy interval in months<sup>7</sup></b> |                                    |                                              |                              |                                        |                                       |                                                           |                                               |
| First pregnancy                                          | 7                                  | 7                                            | 5                            | 5                                      | 10                                    | 1,400                                                     | 0.9                                           |
| <15                                                      | 7                                  | 11                                           | 5                            | 8                                      | 13                                    | 1,372                                                     | 0.6                                           |
| 15–26                                                    | 9                                  | 5                                            | 9                            | 6                                      | 15                                    | 987                                                       | 1.7                                           |
| 27–38                                                    | 1                                  | 3                                            | 2                            | 6                                      | 8                                     | 540                                                       | 0.3                                           |
| 39+                                                      | 6                                  | 11                                           | 7                            | 11                                     | 18                                    | 978                                                       | 0.6                                           |
| <b>Residence</b>                                         |                                    |                                              |                              |                                        |                                       |                                                           |                                               |
| Urban                                                    | 9                                  | 11                                           | 7                            | 9                                      | 16                                    | 1,319                                                     | 0.8                                           |
| Rural                                                    | 21                                 | 27                                           | 5                            | 7                                      | 12                                    | 3,957                                                     | 0.8                                           |
| <b>Region</b>                                            |                                    |                                              |                              |                                        |                                       |                                                           |                                               |
| Dushanbe                                                 | 5                                  | 6                                            | 9                            | 11                                     | 20                                    | 532                                                       | 0.8                                           |
| GBAO                                                     | 1                                  | 1                                            | 7                            | 12                                     | 19                                    | 73                                                        | 0.6                                           |
| Sughd                                                    | 8                                  | 18                                           | 5                            | 13                                     | 18                                    | 1,427                                                     | 0.4                                           |
| DRS                                                      | 6                                  | 8                                            | 4                            | 7                                      | 11                                    | 1,249                                                     | 0.7                                           |
| Khatlon                                                  | 12                                 | 5                                            | 6                            | 3                                      | 9                                     | 1,995                                                     | 2.2                                           |
| <b>FTF districts</b>                                     | 2                                  | 1                                            | 1                            | 1                                      | 2                                     | 1,226                                                     | 1.1                                           |
| <b>Mother's education</b>                                |                                    |                                              |                              |                                        |                                       |                                                           |                                               |
| None/primary                                             | 1                                  | 1                                            | 4                            | 5                                      | 9                                     | 284                                                       | 0.8                                           |
| General basic                                            | 7                                  | 19                                           | 4                            | 12                                     | 16                                    | 1,582                                                     | 0.4                                           |
| General secondary                                        | 13                                 | 12                                           | 6                            | 5                                      | 11                                    | 2,378                                                     | 1.1                                           |
| Professional                                             |                                    |                                              |                              |                                        |                                       |                                                           |                                               |
| primary/middle                                           | 4                                  | 2                                            | 10                           | 4                                      | 14                                    | 427                                                       | 2.7                                           |
| Higher                                                   | 4                                  | 4                                            | 7                            | 7                                      | 14                                    | 605                                                       | 1.0                                           |
| <b>Wealth quintile</b>                                   |                                    |                                              |                              |                                        |                                       |                                                           |                                               |
| Lowest                                                   | 3                                  | 7                                            | 3                            | 7                                      | 9                                     | 1,051                                                     | 0.4                                           |
| Second                                                   | 8                                  | 6                                            | 7                            | 6                                      | 13                                    | 1,077                                                     | 1.3                                           |
| Middle                                                   | 5                                  | 6                                            | 4                            | 6                                      | 10                                    | 1,053                                                     | 0.8                                           |
| Fourth                                                   | 9                                  | 9                                            | 8                            | 8                                      | 17                                    | 1,083                                                     | 1.0                                           |
| Highest                                                  | 6                                  | 11                                           | 6                            | 11                                     | 17                                    | 1,012                                                     | 0.6                                           |
| <b>Total</b>                                             | 30                                 | 39                                           | 6                            | 7                                      | 13                                    | 5,276                                                     | 0.8                                           |

Note: Respondents may choose to report the duration of their pregnancy in either weeks or months.

<sup>1</sup> Stillbirths are fetal deaths in pregnancies lasting 28 or more weeks. When pregnancy duration is reported in months, stillbirths are fetal deaths in pregnancies lasting 7 or more months.

<sup>2</sup> Early neonatal deaths are deaths at age 0–6 days among live-born children.

<sup>3</sup> The number of stillbirths divided by the number of pregnancies lasting 28 or more weeks, expressed per 1,000

<sup>4</sup> The number of early neonatal deaths divided by the number of live births, expressed per 1,000

<sup>5</sup> The sum of the number of stillbirths and early neonatal deaths divided by the number of pregnancies lasting 28 or more weeks, expressed per 1,000

<sup>6</sup> Includes pregnancies lasting 7 or more months when duration of pregnancy is reported in months

<sup>7</sup> Pregnancy interval categories correspond to birth interval categories of <24 months, 24–35 months, 36–47 months, and 48+ months assuming a pregnancy duration of 9 months.

**Table 8.5 High-risk fertility behavior**

Percent distribution of children born in the 5 years preceding the survey by category of elevated risk of mortality and the risk ratio, and percent distribution of currently married women by category of risk if they were to conceive a child at the time of the survey, Tajikistan DHS 2023

| Risk category                                               | Births in the 5 years preceding the survey |            | Percentage of currently married women <sup>1</sup> |
|-------------------------------------------------------------|--------------------------------------------|------------|----------------------------------------------------|
|                                                             | Percentage of births                       | Risk ratio |                                                    |
| <b>Not in any high-risk category</b>                        | 30.6                                       | 1.00       | 17.5 <sup>a</sup>                                  |
| <b>Unavoidable risk category</b>                            |                                            |            |                                                    |
| First-order births between age 18 and age 34                | 27.9                                       | 1.09       | 8.3                                                |
| <b>In any avoidable high-risk category</b>                  | 41.5                                       | 1.44       | 74.2                                               |
| <b>Single high-risk category</b>                            |                                            |            |                                                    |
| Mother's age <18 only                                       | 0.1                                        | *          | 0.0                                                |
| Mother's age >34 only                                       | 2.6                                        | 1.66       | 8.7                                                |
| Birth interval <24 months only                              | 17.7                                       | 1.19       | 9.9                                                |
| Birth order >3 only                                         | 12.3                                       | 0.70       | 15.6                                               |
| <b>Subtotal</b>                                             | 32.7                                       | 1.12       | 34.1                                               |
| <b>Multiple high-risk category</b>                          |                                            |            |                                                    |
| Age <18 and birth interval <24 months <sup>2</sup>          | nc                                         | nc         | nc                                                 |
| Age >34 and birth interval <24 months                       | 0.3                                        | *          | 0.3                                                |
| Age >34 and birth order >3                                  | 4.5                                        | 3.13       | 31.0                                               |
| Age >34 and birth interval <24 months and birth order >3    | 0.5                                        | (2.22)     | 2.1                                                |
| Birth interval <24 months and birth order >3                | 3.6                                        | 1.90       | 6.7                                                |
| <b>Subtotal</b>                                             | 8.8                                        | 2.61       | 40.0                                               |
| Total                                                       | 100.0                                      | na         | 100.0                                              |
| <b>Subtotals by individual avoidable high-risk category</b> |                                            |            |                                                    |
| Mother's age <18                                            | 0.1                                        | *          | 0.0                                                |
| Mother's age >34                                            | 7.8                                        | 2.63       | 42.1                                               |
| Birth interval <24 months                                   | 22.0                                       | 1.36       | 18.9                                               |
| Birth order >3                                              | 20.8                                       | 1.47       | 55.3                                               |
| Number of births/women                                      | 5,246                                      | na         | 7,392                                              |

Note: Risk ratio is the ratio of the proportion dead among births in a specific high-risk category to the proportion dead among births not in any high-risk category. Ratios in parentheses are based on 25–49 unweighted cases. An asterisk indicates that a ratio is based on fewer than 25 unweighted cases and has been suppressed.

na = not applicable

nc = no cases

<sup>1</sup> Women are assigned to risk categories according to the status they would have at the birth of a child if they were to conceive at the time of the survey: current age less than 17 years and 3 months or older than 34 years and 2 months, latest birth less than 15 months ago, or latest birth being of order 3 or higher.

<sup>2</sup> Includes the category age <18 and birth order >3

<sup>a</sup> Includes sterilized women

## Key Findings

- **Antenatal care:** 81% of women age 15–49 received antenatal care (ANC) from a skilled provider for their most recent live birth in the 2 years preceding the survey.
- **Delivery:** Institutional deliveries increased substantially from 78% in 2012 to 95% in 2023. Over the same period, home deliveries declined from 22% to 5%.
- **Postnatal checks:** 89% of women received a postnatal check during the first 2 days after the delivery of their most recent live birth, with 75% receiving a postnatal check within 4 hours of delivery.
- **Cancer examinations:** 6% of women age 15–49 have ever been examined by a doctor or health care worker for breast cancer, and 9% have ever been tested for cervical cancer.
- **Problems accessing health care:** The percentage of women reporting at least one problem accessing health care decreased from 55% in 2012 to 17% in 2023.

**H**ealth care services during pregnancy and childbirth and after delivery are important for the survival and well-being of both the mother and the infant. Antenatal care (ANC) can reduce health risks for mothers and infants through monitoring of pregnancies and screening for complications. Delivery at a health facility, with skilled medical attention and hygienic conditions, reduces the risk of complications and infections during labor and delivery. Timely postnatal care provides an opportunity to treat complications arising from delivery and teach the mother how to care for herself and her newborn.

The first part of this chapter presents information on ANC providers, number and timing of ANC visits, and various components of care. The second focuses on childbirth and provides information on place of delivery, assistance during delivery, and cesarean deliveries. The third section focuses on postnatal care and presents information on postnatal health checks for mothers and newborns. The final section covers issues that affect women’s health regardless of their maternal status: whether or not women have been examined for breast or cervical cancer, problems they experience accessing health care, and the distance from their home to the nearest health facility.

## 9.1 ANTENATAL CARE COVERAGE AND CONTENT

### 9.1.1 Skilled Providers

#### Antenatal care (ANC) from a skilled provider

Pregnancy care received from skilled providers, such as doctors (including family doctors, obstetricians, and gynecologists) and nurses/male nurses/midwives.

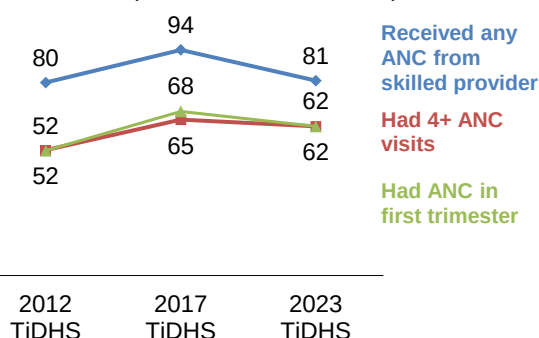
**Sample:** Women age 15–49 who had a live birth or stillbirth in the 2 years before the survey

Overall, 81% of women age 15–49 received ANC from a skilled provider for their most recent live birth in the 2 years preceding the survey. Obstetricians and gynecologists were the most common service providers (46%), followed by family doctors (26%), other doctors (6%), and nurses, male nurses, or midwives (4%). Nineteen percent of women did not receive any ANC (**Table 9.1**).

**Trends:** The percentage of women with a live birth in the 2 years preceding the survey who received antenatal care from a skilled provider increased from 80% in 2012 to 94% in 2017 before decreasing to 81% in 2023 (**Figure 9.1**).

**Figure 9.1 Trends in antenatal care coverage**

*Percentage of women age 15–49 who had a live birth in the 2 years before the survey (for the most recent birth)*



### Patterns by background characteristics

- The percentage of women who received ANC from skilled providers varies substantially by region, from 71% in Khatlon to 91% in Dushanbe and 93% in Gorno-Badakhshan Autonomous Oblast (GBAO).
- The percentage of women receiving care from a skilled provider increases with increasing household wealth, from 66% among those in the lowest wealth quintile to 88% among those in the highest wealth quintile. Conversely, the percentage of women who did not receive any ANC declines from 34% in the lowest wealth quintile to 12% in the highest quintile.
- A higher percentage of women under age 20 (86%) than women age 20–34 (81%) and 35–49 (79%) received ANC from a skilled provider. The percentage of women not receiving ANC increases with age, from 14% among those under age 20 to 21% among those age 35–49.

### 9.1.2 Timing and Number of Antenatal Care Visits

Sixty-two percent of women had four or more ANC visits during their most recent pregnancy resulting in a live birth in the 2 years preceding the survey. Sixty-two percent of women had their first ANC visit during the first trimester of pregnancy and 17% during the second trimester. Only 2% of women waited until the third trimester to have their first ANC visit (**Table 9.2**).

**Trends:** The percentage of women who had four or more ANC visits increased from 52% in 2012 to 65% in 2017 before decreasing to 62% in 2023 (**Figure 9.1**). Similarly, the percentage of women who received ANC in the first trimester of pregnancy increased from 52% in 2012 to 68% in 2017 and then declined to 62% in 2023.

## 9.2 COMPONENTS OF ANTENATAL CARE

### Components of antenatal care

Specific antenatal care services performed by a health care provider include measuring blood pressure, taking a urine sample, taking a blood sample, listening for the baby's heartbeat, counseling about the mother's diet, counseling about breastfeeding, and asking about vaginal bleeding.

**Sample—quality of care indicator:** Women age 15–49 who had a live birth or stillbirth in the 2 years before the survey and had at least one ANC visit

**Sample—population-based indicator:** All women age 15–49 who had a live birth or stillbirth in the 2 years before the survey

The ability for ANC to act as an effective intervention for identifying issues occurring during pregnancy that could adversely affect pregnancy outcomes is dictated in large part by the components of ANC services offered by the health care provider.

As a part of ANC, certain interventions and tests are recommended at each ANC contact. These include the following:

- Measuring blood pressure. Taking a woman's blood pressure at each antenatal care visit is essential to monitor for gestational hypertension or preeclampsia.
- Conducting urine and blood tests. These tests assess signs of infection or other diseases and conditions that could negatively affect a woman or her baby during or after pregnancy.
- Listening to the baby's heartbeat. This can confirm that the fetus is alive as well as reassure the mother.
- Counseling on maternal nutrition, specifically on healthy eating during pregnancy and breastfeeding. These counseling messages promote healthy weight gain during pregnancy and can help the pregnant woman breastfeed her newborn early.
- Asking about vaginal bleeding. Light bleeding or spotting is common, especially during the first few months of a pregnancy. Heavy bleeding may be a sign of something more serious; a pregnant woman experiencing heavy bleeding should visit a health care provider.

In the 2023 TjDHS, data collected on components of ANC were tabulated in two ways. **Table 9.3.1** shows the percentage of women with a live birth or stillbirth in the 2 years before the survey who reported that they had at least one ANC visit and received specified ANC services. This tabulation is a measure of the quality of the ANC services these women received. **Table 9.3.2** shows the percentage of all women with a live birth or stillbirth in the past 2 years who received specified ANC services, regardless of whether they reported an ANC visit. This tabulation is a measure of coverage of these key ANC interventions among the population of women in need of them.

Among women age 15–49 who received antenatal care (ANC) for their most recent live birth in the 2 years preceding the survey, nearly all had a urine sample taken (99%), had their blood pressure measured (more than 99%), had a blood sample taken (99%), and had the baby's heartbeat checked (more than 99%). Most women were counseled about their diet (95%) and about breastfeeding (89%). Eighty-nine percent of women were asked about vaginal bleeding. Only 6% reported becoming ill with COVID-19 (**Table 9.3.1**).

Among all women age 15–49 with a live birth in the 2 years preceding the survey, 81% had their blood pressure measured, had a urine sample taken, had a blood sample taken, and had the baby's heartbeat checked. Seventy-seven percent were counseled about their diet, 72% were counseled about breastfeeding,

and another 72% were asked about vaginal bleeding. Six percent of women reported becoming ill with COVID-19 (**Table 9.3.2**).

**Trends:** Among women who had a live birth or stillbirth in the 2 years preceding the survey and received ANC, the percentage who had a urine sample taken during ANC increased from 90% in 2012 to 99% in 2023. During the same period, the percentage of women who had a blood sample taken during ANC increased from 92% to 99% and the percentage who had their blood pressure measured increased from 94% to almost 100%.

### 9.2.1 Food or Cash Assistance and Iron-containing Supplementation during Pregnancy

Food and cash assistance programs provide assistance to pregnant and lactating women to support healthy diets and address malnutrition.

During pregnancy, women have higher micronutrients needs and are at risk of micronutrient deficiencies, including iron deficiency, which is a primary cause of anemia. Severe anemia can place the mother and the baby in danger through increased risk of blood loss during labor and increased risk of preterm delivery, low birth weight, and perinatal mortality (Haider et al. 2013). To help address maternal anemia, interventions provide iron tablets or syrup to pregnant women (WHO 2016c).

Women with a live birth or stillbirth in the 2 years preceding the survey, regardless of whether they attended ANC, were asked if they received cash assistance through the Adresnaya Socialnaya Pomosh program and if they took iron supplementation during their most recent pregnancy. Overall, 75% of women age 15–49 who had a live birth in the past 2 years took some form of iron supplementation, and 4% received food or cash assistance.

Among women who took iron supplements, 55% took them for less than 60 days, 7% for 60–89 days, and 11% for 90–179 days. Less than 1% of women took supplements for more than 180 days (**Table 9.4**).

### 9.2.2 Source of Iron-containing Supplements

Information on sources of iron-containing supplements can increase understanding of the distribution patterns of supplements.

Among women age 15–49 who took some form of iron supplementation during the pregnancy of their most recent live birth, 67% obtained supplements from a private medical sector source and 37% from the public sector. Pharmacies (67%) were the most common private source of iron-containing supplements, while health centers (urban/rayon/rural) (32%) were the most common public sector source (**Table 9.5**).

### 9.2.3 Folic Acid Supplementation

Women with a live birth or stillbirth in the 2 years preceding the survey, regardless of whether they attended ANC, were also asked if they took folic acid tablets during the first 3 months of pregnancy. Overall, 74% of women age 15–49 who had a live birth in the past 2 years took folic acid during the first 3 months of pregnancy (**Table 9.4**).

Women with a live birth or stillbirth in the 2 years preceding the survey were also asked if they took folic acid supplementation before the pregnancy of their most recent live birth or stillbirth. Overall, 68% of women age 15–49 who had a live birth reported that they took folic acid before their pregnancy (**Table 9.6**).

## 9.3 COVID-19 DURING PREGNANCY

Pregnant women with COVID-19 are at increased risk of becoming seriously ill, which can lead to pregnancy problems such as preterm births (Gholami et al. 2023; Wei et al. 2021).

In the 2023 TjDHS, information on COVID-19 was collected from all women who had a pregnancy in the 35 months preceding the survey. **Table 9.7** shows the percentage of women age 15–49 with a pregnancy in the 2 years preceding the survey who reported that they became ill with COVID-19 during their most recent pregnancy.

Among women with a pregnancy in the 2 years preceding the survey, 6% reported that they became ill with COVID-19 during their most recent pregnancy resulting in a live birth, and 7% reported that they became ill during their most recent pregnancy resulting in a miscarriage or abortion (**Table 9.7**).

### Patterns by background characteristics

- A higher percentage of women in urban areas (8%) than rural areas (5%) reported that they became ill with COVID-19 during the pregnancy for their most recent live birth.
- The percentage of women reporting COVID-19 during pregnancy is highest in Dushanbe (13%) and lowest in GBAO (3%).
- A higher percentage of women in the highest wealth quintile (10%) than in the other wealth quintiles (4%–6%) reported COVID-19 during pregnancy.

## 9.4 DELIVERY SERVICES

### 9.4.1 Institutional Deliveries

#### Institutional deliveries

Deliveries that occur in a health facility.

**Sample:** All live births and/or stillbirths in the 2 years before the survey

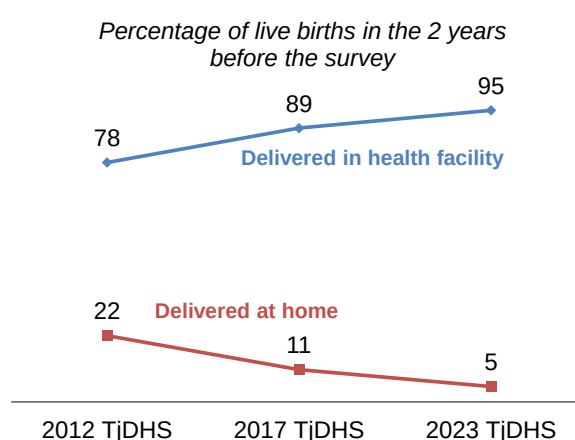
Ninety-five percent of live births in the 2 years preceding the survey were delivered in a health facility, of which nearly all (95%) were delivered in a public facility. Less than 1% of births were delivered in a private facility, and 5% were delivered at home (**Table 9.8**).

**Trends:** Institutional deliveries increased substantially from 78% in 2012 to 95% in 2023. Over the same period, home deliveries declined from 22% to 5% (**Figure 9.2**).

### Patterns by background characteristics

- A higher percentage of births to mothers with at least four ANC visits were delivered in health facilities (96%) than births to mothers with no ANC visits (90%) (**Table 9.8**).
- The percentage of births occurring in a health facility increases with increasing mother's education and household wealth. Eighty-six percent of births to mothers with no education or a primary education

**Figure 9.2 Trends in place of birth**



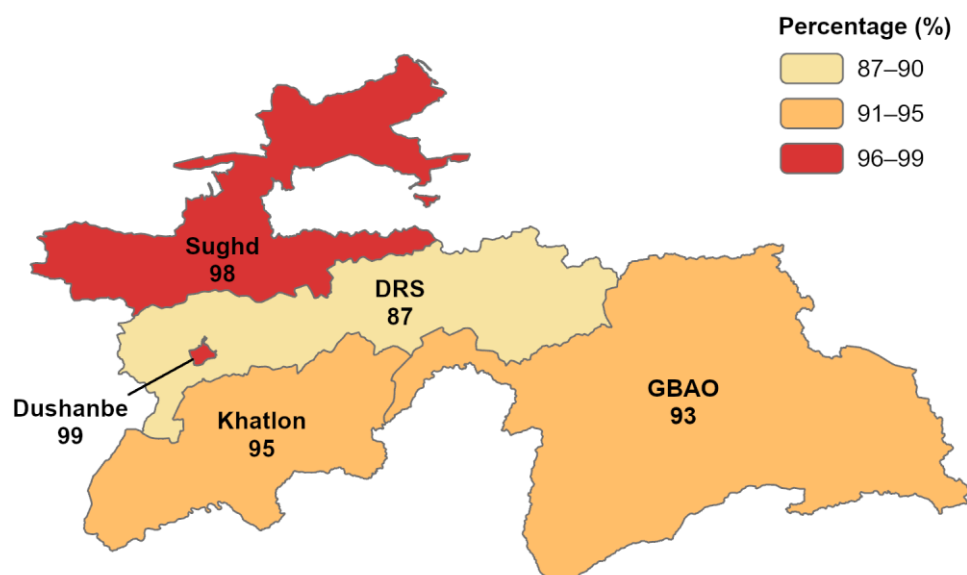


and mothers in the lowest wealth quintile were delivered in health facilities, as compared with 99% of births to mothers with a higher education and mothers in the highest wealth quintile.

- By region, the percentage of live births delivered at a health facility ranges from 87% in Districts of Republican Subordination (DRS) to 99% in Dushanbe (**Map 9.1**).

### Map 9.1 Births delivered in a health facility by region

Percentage of live births in the 2 years before the survey that were delivered in a health facility



### 9.4.2 Delivery by Cesarean

Ten percent of live births in the 2 years preceding the survey were delivered via cesarean section (C-section) (**Table 9.9**).

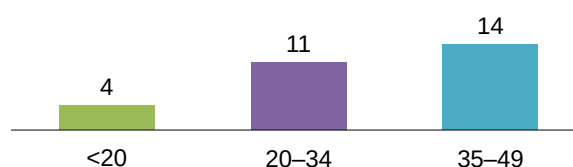
**Trends:** The percentage of live births delivered via C-section increased from 5% in 2012 to 10% in 2023.

#### Patterns by background characteristics

- The percentage of C-section deliveries increases with increasing mother's age, from 4% among women under age 20 to 14% among women age 35–49 (**Figure 9.3**).
- C-section deliveries vary slightly with birth order, ranging from 9% for first-order births to 12% for fourth- and fifth-order births (**Table 9.9**).
- The percentage of C-sections is higher in urban areas (13%) than in rural areas (10%).

### Figure 9.3 Cesarean section by mother's age at birth

Percentage of live births in the 2 years before the survey that were delivered by cesarean section



### 9.4.3 Skilled Assistance during Delivery

#### Skilled assistance during delivery

Births delivered with the assistance of doctors (including family doctors, obstetricians, and gynecologists) and nurses/male nurses/midwives.

**Sample:** All live births and/or stillbirths in the 2 years before the survey

Obstetric care from a health professional during delivery is recognized as a critical element in managing complications that may arise during childbirth and reducing maternal and neonatal mortality.

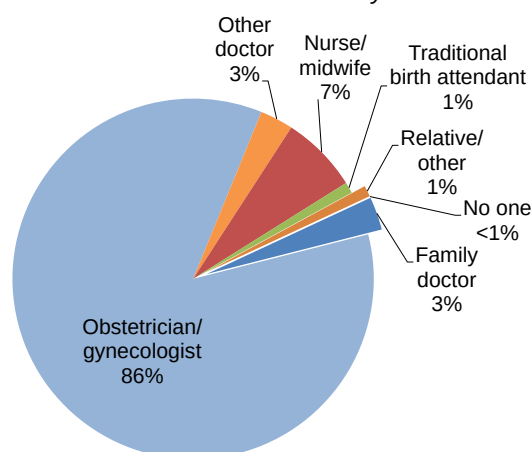
The aim of the Tajikistan National Development Strategy is for 96% of births to be attended by a skilled provider by 2025. Overall, 98% of live births in the 2 years preceding the survey were delivered by a skilled provider. Of those births, 86% were delivered by obstetricians or gynecologists, 7% by nurses or midwives, and 3% by family doctors (Table 9.10 and Figure 9.4).

Sixty-eight percent of infants had skin-to-skin contact with their mother immediately after birth, as recommended.

**Trends:** The percentage of live births delivered by a skilled provider increased from 88% in 2012 to 98% in 2023.

**Figure 9.4 Assistance at delivery**

Percent distribution of births in the 2 years before the survey



#### Duration of Stay at Health Facility

Twenty-nine percent of women with vaginal births in the 2 years preceding the survey stayed in the health facility for 1–2 days after their delivery, and 68% stayed for 3 or more days. Seventeen percent of women who delivered via C-section stayed for 1–2 days after their delivery, while 80% stayed for 3 or more days (Table 9.11).

## 9.5 POSTNATAL CARE

### 9.5.1 Postnatal Health Check for Mothers

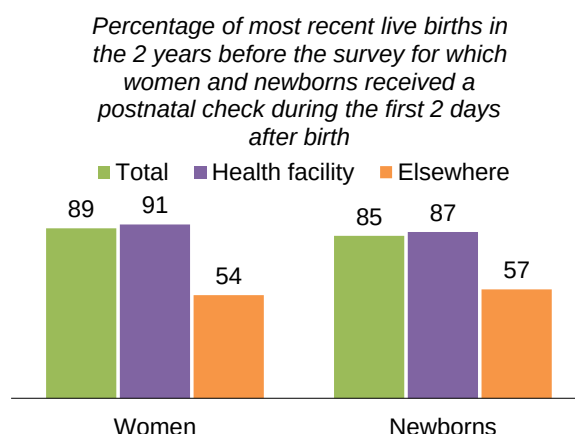
Overall, 89% of women received a postnatal care (PNC) check during the first 2 days after the delivery of their most recent live birth, with 75% receiving a postnatal check within 4 hours of delivery (Table 9.12). Six percent of women did not receive any postnatal check during the first 2 days after the delivery of their most recent live birth in the 2 years preceding the survey.

**Trends:** The percentage of women who received their first postnatal check in the first 2 days after birth increased from 80% in 2012 to 92% in 2017 before decreasing to 89% in 2023.

### Patterns by background characteristics

- Ninety-one percent of women who delivered in a health facility received a postnatal check during the first 2 days after birth, as compared with 54% of women who delivered elsewhere (Figure 9.5).
- The percentage of women who had a postnatal check during the first 2 days following birth varies by region, from 82% in Dushanbe to 94% in Sughd.
- The percentage of women with a postnatal check during the first 2 days after birth decreases from 96% among those less than age 20 to 89% among those age 20–49.

**Figure 9.5 Postnatal care by place of delivery**



### Type of Provider

Most women who gave birth in the 2 years before the survey (89%) received a postnatal check in the first 2 days after their most recent live birth from doctors, nurses, or midwives (Table 9.13). The check was most often conducted by a doctor (56% by an obstetrician/gynecologist, 2% by a family doctor, and 13% by another doctor). Eighteen percent of women received a check from a nurse or midwife. Nurses and midwives are particularly active in Sughd (20%) and Khatlon (26%). Less than 1% of women received a postnatal check from a traditional birth attendant, and 11% did not receive a postnatal check during the first 2 days after birth (Table 9.13).

### Content of Care

Ninety-three percent of women with a live birth in the 2 years preceding the survey had their blood pressure checked, 90% were asked about vaginal bleeding, and 80% were counseled about family planning during the first 2 days after birth by a health care provider. Overall, 79% of women had all three checks performed by a health care provider in the first 2 days after birth (Table 9.14).

## 9.5.2 Postnatal Health Check for Newborns

Eighty-five percent of newborns had a postnatal check during the first 2 days after birth. Most postnatal checks (61%) took place 1–3 hours after birth, and 10% took place less than 1 hour after delivery. Nine percent of newborns had no postnatal check (Table 9.15).

### Patterns by background characteristics

- Eighty-seven percent of newborns who were delivered in a health facility received a postnatal check during the first 2 days after birth, as compared with 57% of newborns who were delivered elsewhere (Figure 9.5).
- The percentage of newborns who had a postnatal check during the first 2 days following birth varies by region, from 74% in Dushanbe to 89% in GBAO.

### Type of Provider

Most newborns (85%) received a postnatal check within the first 2 days from a doctor, nurse, or midwife. The check was most often conducted by a doctor (9% by an obstetrician/gynecologist, 2% by a family

doctor, and 57% by another doctor). Sixteen percent of newborns received a check from a nurse or midwife, and less than 1% received a check from a traditional birth attendant (**Table 9.16**).

### *Content of Care*

The five recommended signal functions to be performed as part of postnatal care are (1) examining the umbilical cord, (2) measuring temperature, (3) observing and/or counseling on breastfeeding, (4) telling the mother about danger signs and how to recognize if the baby needs immediate attention, and (5) weighing the newborn. Overall, 77% of newborns had all five signal functions performed during the first 2 days after birth (**Table 9.17**). Of the selected signal functions performed during the first 2 days after birth, weighing the newborn was the most common (96%), while informing the mother about danger signs and how to recognize if the baby needs immediate attention was the least common (81%).

Postnatal breastfeeding counseling supports exclusive breastfeeding. Face-to-face breastfeeding counseling facilitates observation of positioning and the latch of the infant and allows for tailored breastfeeding counseling and support (WHO 2018). Ninety percent of mothers with a live birth in the 2 years preceding the survey reported that they were counseled on breastfeeding during the first 2 days after birth, and 85% reported that they were observed breastfeeding.

### **9.5.3 Postnatal Health Checks for Mothers and Newborns**

Eighty-nine percent of mothers and 85% of newborns received a postnatal check during the first 2 days after birth. In 82% of live births in the 2 years preceding the survey, both the mother and the newborn received a check.

The percentages of mothers and newborns receiving a postnatal check during the first 2 days after birth are higher when the birth took place in a health facility (91% and 87%, respectively) than when the birth took place elsewhere (54% and 57%, respectively) (**Figure 9.5** and **Table 9.18**).

## **9.6 BREAST AND CERVICAL CANCER EXAMINATIONS**

### **Breast cancer examination**

Women were asked if a doctor or other health care provider examined their breasts to check for cancer. The examination could include either a clinical breast exam, in which health care providers use their hands to feel for lumps or other changes, or use of medical equipment to make an image of the breast tissue, such as a mammogram.

### **Cervical cancer examination**

To be checked for cervical cancer, a woman is asked to lie on her back with her legs apart. Then the health care worker uses a brush or swab to collect a sample from inside the woman's cervix. The sample is sent to a laboratory for testing. This test is called a Pap smear or human papillomavirus (HPV) test. Another method is visual inspection with acetic acid (VIA). In this test, the health care worker puts vinegar on the cervix to see if there is a reaction. Women were asked if a doctor or other health care provider ever tested them for cervical cancer. Information on the type of screening test was not collected.

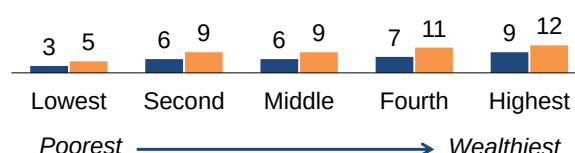
**Sample:** Women age 15–49

Six percent of women age 15–49 have ever been examined by a doctor or health care worker for breast cancer, and 9% have ever been tested for cervical cancer. Across regions, the percentage of women ever examined for breast cancer ranges from 4% in DRS to 12% each in Dushanbe and GBAO. The percentage of women ever tested for cervical cancer ranges from 8% in Sughd to 16% in GBAO (Table 9.19). The percentage of women who were ever examined for breast cancer and cervical cancer increases with increasing household wealth (Figure 9.6).

**Figure 9.6 Breast and cervical cancer exams by household wealth**

*Percentage of women age 15–49 who were ever examined by a health care worker for:*

■ Breast cancer ■ Cervical cancer



## 9.7 PROBLEMS IN ACCESSING HEALTH CARE

### Problems in accessing health care

Women were asked whether each of the following factors is a big problem in seeking medical advice or treatment for themselves when they are sick:

- Getting permission to go to the doctor
- Getting money for advice or treatment
- Distance to a health facility
- Not wanting to go alone

**Sample:** Women age 15–49

Among women age 15–49, only 17% reported that they had at least one problem accessing health care for themselves when they were sick. The most common problem was getting money for treatment (12%), followed by not wanting to go alone (7%). The percentage of women with at least one problem accessing health care varies by region, from 13% in Khatlon to 30% in Dushanbe (Table 9.20).

**Trends:** The percentage of women reporting at least one problem accessing health care decreased from 55% in 2012 to 17% in 2023.

## 9.8 DISTANCE AND MEANS OF TRANSPORT TO THE NEAREST HEALTH FACILITY

Seventy-four percent of women age 15–49 reported that the travel time from their home to the nearest health facility is less than 30 minutes. Only 4% indicated that their travel time is 1 hour or more. Twenty-six percent of women use motorized transportation to travel to the nearest health facility, while 74% use nonmotorized transport (Table 9.21).

## LIST OF TABLES

For more information on maternal and newborn health care, see the following tables:

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- **Table 9.2** Number of antenatal care visits and timing of first visit
- **Table 9.3.1** Components of antenatal care among women receiving ANC
- **Table 9.3.2** Components of antenatal care among all women
- **Table 9.4** Food/cash assistance, folic acid supplementation, and iron-containing supplementation during pregnancy
- **Table 9.5** Source of iron-containing supplements
- **Table 9.6** Preconception folic acid supplementation
- **Table 9.7** COVID during pregnancy
- **Table 9.8** Place of delivery
- **Table 9.9** Cesarean section
- **Table 9.10** Assistance during delivery
- **Table 9.11** Duration of stay in health facility after birth
- **Table 9.12** Timing of first postnatal check for the mother
- **Table 9.13** Type of provider of first postnatal check for the mother
- **Table 9.14** Content of postnatal care for the mother
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- **Table 9.17** Content of postnatal care for newborns
- **Table 9.18** Postnatal checks on mother and newborn
- **Table 9.19** Examinations for breast and cervical cancer
- **Table 9.20** Problems in accessing health care
- **Table 9.21** Distance from health care

**Table 9.1 Antenatal care**

Percent distribution of women age 15–49 who had a live birth and/or stillbirth in the 2 years preceding the survey by antenatal care (ANC) provider during the pregnancy for the most recent live birth or stillbirth and percentage receiving antenatal care from a skilled provider for the most recent live birth or stillbirth, according to background characteristics, Tajikistan DHS 2023

| Background characteristic                | Antenatal care provider |                            |              |                           | No ANC | Total | Percentage receiving antenatal care from a skilled provider <sup>1</sup> | Number of women |
|------------------------------------------|-------------------------|----------------------------|--------------|---------------------------|--------|-------|--------------------------------------------------------------------------|-----------------|
|                                          | Family doctor           | Obstetrician/ gynecologist | Other doctor | Nurse/male nurse/ midwife |        |       |                                                                          |                 |
| LIVE BIRTHS                              |                         |                            |              |                           |        |       |                                                                          |                 |
| Age at birth                             |                         |                            |              |                           |        |       |                                                                          |                 |
| <20                                      | 28.4                    | 48.2                       | 6.4          | 3.0                       | 13.9   | 100.0 | 86.1                                                                     | 127             |
| 20–34                                    | 25.5                    | 45.6                       | 5.9          | 4.1                       | 18.9   | 100.0 | 81.1                                                                     | 1,759           |
| 35–49                                    | 27.9                    | 47.0                       | 1.6          | 2.7                       | 20.7   | 100.0 | 79.3                                                                     | 181             |
| Birth order <sup>2</sup>                 |                         |                            |              |                           |        |       |                                                                          |                 |
| 1                                        | 27.2                    | 45.0                       | 5.9          | 4.6                       | 17.3   | 100.0 | 82.7                                                                     | 536             |
| 2–3                                      | 26.1                    | 46.9                       | 5.4          | 3.2                       | 18.4   | 100.0 | 81.6                                                                     | 1,086           |
| 4–5                                      | 23.1                    | 44.9                       | 5.9          | 4.6                       | 21.4   | 100.0 | 78.6                                                                     | 411             |
| 6+                                       | (31.7)                  | (41.8)                     | (0.0)        | (6.9)                     | (19.6) | 100.0 | (80.4)                                                                   | 32              |
| Residence                                |                         |                            |              |                           |        |       |                                                                          |                 |
| Urban                                    | 34.8                    | 41.9                       | 4.2          | 3.4                       | 15.7   | 100.0 | 84.3                                                                     | 536             |
| Rural                                    | 22.7                    | 47.3                       | 6.1          | 4.1                       | 19.8   | 100.0 | 80.2                                                                     | 1,530           |
| Region                                   |                         |                            |              |                           |        |       |                                                                          |                 |
| Dushanbe                                 | 53.9                    | 34.7                       | 0.4          | 2.1                       | 9.0    | 100.0 | 91.0                                                                     | 208             |
| GBAO                                     | 9.1                     | 67.7                       | 11.4         | 4.6                       | 7.3    | 100.0 | 92.7                                                                     | 25              |
| Sughd                                    | 28.1                    | 47.6                       | 10.3         | 4.3                       | 9.7    | 100.0 | 90.3                                                                     | 576             |
| DRS                                      | 30.0                    | 39.3                       | 4.0          | 8.7                       | 18.1   | 100.0 | 81.9                                                                     | 472             |
| Khatlon                                  | 14.9                    | 51.0                       | 4.3          | 1.2                       | 28.7   | 100.0 | 71.3                                                                     | 785             |
| FTF districts                            | 21.1                    | 52.4                       | 4.6          | 1.5                       | 20.3   | 100.0 | 79.7                                                                     | 471             |
| Education                                |                         |                            |              |                           |        |       |                                                                          |                 |
| None/primary                             | 22.1                    | 42.2                       | 6.3          | 6.5                       | 22.9   | 100.0 | 77.1                                                                     | 103             |
| General basic                            | 31.1                    | 42.3                       | 5.0          | 3.8                       | 17.8   | 100.0 | 82.2                                                                     | 545             |
| General secondary                        | 22.9                    | 46.7                       | 6.4          | 4.1                       | 19.9   | 100.0 | 80.1                                                                     | 934             |
| Professional primary/ middle             | 25.2                    | 55.1                       | 2.9          | 1.8                       | 14.9   | 100.0 | 85.1                                                                     | 217             |
| Higher                                   | 27.5                    | 44.5                       | 5.7          | 4.1                       | 18.1   | 100.0 | 81.9                                                                     | 266             |
| Wealth quintile                          |                         |                            |              |                           |        |       |                                                                          |                 |
| Lowest                                   | 10.1                    | 49.1                       | 2.5          | 4.2                       | 34.2   | 100.0 | 65.8                                                                     | 389             |
| Second                                   | 20.6                    | 44.7                       | 8.9          | 6.5                       | 19.3   | 100.0 | 80.7                                                                     | 410             |
| Middle                                   | 29.1                    | 45.8                       | 4.4          | 3.9                       | 16.9   | 100.0 | 83.1                                                                     | 419             |
| Fourth                                   | 31.0                    | 44.8                       | 9.8          | 1.9                       | 12.4   | 100.0 | 87.6                                                                     | 434             |
| Highest                                  | 37.2                    | 45.4                       | 2.0          | 3.2                       | 12.2   | 100.0 | 87.8                                                                     | 414             |
| Total                                    | 25.9                    | 45.9                       | 5.6          | 3.9                       | 18.7   | 100.0 | 81.3                                                                     | 2,066           |
| STILLBIRTHS                              |                         |                            |              |                           |        |       |                                                                          |                 |
| Total                                    | *                       | *                          | *            | *                         | *      | 100.0 | *                                                                        | 11              |
| LIVE BIRTHS AND STILLBIRTHS <sup>3</sup> |                         |                            |              |                           |        |       |                                                                          |                 |
| Total                                    | 25.8                    | 46.1                       | 5.5          | 3.9                       | 18.7   | 100.0 | 81.3                                                                     | 2,073           |

Note: If more than one source of ANC was mentioned, only the provider with the highest qualifications is considered in this tabulation. Stillbirths are fetal deaths in pregnancies lasting 28 or more weeks. When pregnancy duration is reported in months, stillbirths are fetal deaths in pregnancies lasting 7 or more months. Figures in parentheses are based on 25–49 unweighted cases. An asterisk indicates that a figure is based on fewer than 25 unweighted cases and has been suppressed.

<sup>1</sup> Skilled provider includes family doctor, obstetrician/gynecologist, other doctor, nurse, male nurse, and midwife.

<sup>2</sup> Birth order refers to the order of the birth among the respondent's live births.

<sup>3</sup> For women who had both a live birth and a stillbirth in the 2 years preceding the survey, data are tabulated for the most recent birth only.

**Table 9.2 Number of antenatal care visits and timing of first visit**

Percent distribution of women age 15–49 who had a live birth and/or a stillbirth in the 2 years preceding the survey by number of antenatal care (ANC) visits during the pregnancy for the most recent live birth or stillbirth and by the timing of the first visit, and among women with ANC, median months pregnant at first visit, according to background characteristics, Tajikistan DHS 2023

| Background characteristic                | Number of ANC visits |       |       |       |        |       |            | 4+ ANC visits | Number of months pregnant at time of first ANC visit |        |        |        |            |       |       | Total | Number of women | Median months pregnant at first visit (for those with ANC) | Number of women with ANC |
|------------------------------------------|----------------------|-------|-------|-------|--------|-------|------------|---------------|------------------------------------------------------|--------|--------|--------|------------|-------|-------|-------|-----------------|------------------------------------------------------------|--------------------------|
|                                          | None                 | 1     | 2     | 3     | 4–7    | 8+    | Don't know |               | No ante-natal care                                   | <4     | 4–6    | 7+     | Don't know |       |       |       |                 |                                                            |                          |
| LIVE BIRTHS                              |                      |       |       |       |        |       |            |               |                                                      |        |        |        |            |       |       |       |                 |                                                            |                          |
| Age at birth                             |                      |       |       |       |        |       |            |               |                                                      |        |        |        |            |       |       |       |                 |                                                            |                          |
| <20                                      | 13.9                 | 1.8   | 7.3   | 12.3  | 44.7   | 20.0  | 0.0        | 100.0         | 64.7                                                 | 13.9   | 70.7   | 14.3   | 1.1        | 0.0   | 100.0 | 127   | 3.2             | 109                                                        |                          |
| 20–34                                    | 18.9                 | 2.2   | 4.5   | 11.8  | 49.7   | 12.9  | 0.1        | 100.0         | 62.6                                                 | 18.9   | 61.8   | 17.2   | 1.9        | 0.2   | 100.0 | 1,759 | 3.3             | 1,426                                                      |                          |
| 35–49                                    | 20.7                 | 3.1   | 5.2   | 14.9  | 42.0   | 13.7  | 0.4        | 100.0         | 55.7                                                 | 20.7   | 60.5   | 17.0   | 1.4        | 0.4   | 100.0 | 181   | 3.3             | 143                                                        |                          |
| Birth order <sup>1</sup>                 |                      |       |       |       |        |       |            |               |                                                      |        |        |        |            |       |       |       |                 |                                                            |                          |
| 1                                        | 17.3                 | 2.7   | 3.9   | 10.9  | 50.5   | 14.4  | 0.2        | 100.0         | 64.9                                                 | 17.3   | 66.5   | 13.7   | 2.0        | 0.4   | 100.0 | 536   | 3.3             | 443                                                        |                          |
| 2–3                                      | 18.4                 | 1.9   | 5.1   | 12.8  | 48.9   | 12.9  | 0.0        | 100.0         | 61.8                                                 | 18.4   | 61.2   | 18.7   | 1.5        | 0.1   | 100.0 | 1,086 | 3.3             | 886                                                        |                          |
| 4–5                                      | 21.4                 | 2.5   | 5.1   | 12.1  | 45.2   | 13.7  | 0.0        | 100.0         | 58.9                                                 | 21.4   | 59.3   | 16.8   | 2.4        | 0.0   | 100.0 | 411   | 3.4             | 323                                                        |                          |
| 6+                                       | (19.6)               | (5.4) | (0.0) | (7.2) | (56.6) | (9.0) | (2.3)      | 100.0         | (65.6)                                               | (19.6) | (64.2) | (13.9) | (0.0)      | (2.3) | 100.0 | 32    | *               | 26                                                         |                          |
| Residence                                |                      |       |       |       |        |       |            |               |                                                      |        |        |        |            |       |       |       |                 |                                                            |                          |
| Urban                                    | 15.7                 | 2.4   | 2.9   | 7.8   | 51.1   | 20.3  | 0.0        | 100.0         | 71.3                                                 | 15.7   | 67.6   | 15.5   | 1.0        | 0.2   | 100.0 | 536   | 3.2             | 452                                                        |                          |
| Rural                                    | 19.8                 | 2.3   | 5.3   | 13.6  | 47.9   | 11.0  | 0.1        | 100.0         | 58.8                                                 | 19.8   | 60.4   | 17.5   | 2.1        | 0.2   | 100.0 | 1,530 | 3.3             | 1,227                                                      |                          |
| Region                                   |                      |       |       |       |        |       |            |               |                                                      |        |        |        |            |       |       |       |                 |                                                            |                          |
| Dushanbe                                 | 9.0                  | 2.4   | 2.0   | 8.0   | 60.5   | 18.1  | 0.0        | 100.0         | 78.6                                                 | 9.0    | 71.0   | 18.9   | 0.6        | 0.5   | 100.0 | 208   | 3.3             | 189                                                        |                          |
| GBAO                                     | 7.3                  | 3.5   | 4.7   | 6.9   | 68.1   | 9.4   | 0.0        | 100.0         | 77.6                                                 | 7.3    | 70.6   | 21.3   | 0.8        | 0.0   | 100.0 | 25    | 3.3             | 23                                                         |                          |
| Sughd                                    | 9.7                  | 0.9   | 2.0   | 3.1   | 53.6   | 30.6  | 0.1        | 100.0         | 84.2                                                 | 9.7    | 77.5   | 10.2   | 2.4        | 0.1   | 100.0 | 576   | 2.9             | 520                                                        |                          |
| DRS                                      | 18.1                 | 3.2   | 6.6   | 12.3  | 52.9   | 6.6   | 0.3        | 100.0         | 59.4                                                 | 18.1   | 59.7   | 19.0   | 2.8        | 0.5   | 100.0 | 472   | 3.4             | 387                                                        |                          |
| Khatlon                                  | 28.7                 | 2.7   | 6.3   | 19.7  | 38.9   | 3.7   | 0.0        | 100.0         | 42.6                                                 | 28.7   | 50.1   | 20.0   | 1.2        | 0.0   | 100.0 | 785   | 3.5             | 560                                                        |                          |
| FTF districts                            | 20.3                 | 3.5   | 7.4   | 21.9  | 41.8   | 5.1   | 0.0        | 100.0         | 46.9                                                 | 20.3   | 53.0   | 26.2   | 0.4        | 0.0   | 100.0 | 471   | 3.5             | 375                                                        |                          |
| Education                                |                      |       |       |       |        |       |            |               |                                                      |        |        |        |            |       |       |       |                 |                                                            |                          |
| None/primary                             | 22.9                 | 4.7   | 17.1  | 12.6  | 35.6   | 7.0   | 0.0        | 100.0         | 42.6                                                 | 22.9   | 43.8   | 30.1   | 3.2        | 0.0   | 100.0 | 103   | 3.8             | 80                                                         |                          |
| General basic                            | 17.8                 | 1.7   | 5.4   | 15.7  | 49.6   | 9.8   | 0.0        | 100.0         | 59.4                                                 | 17.8   | 59.2   | 20.5   | 2.6        | 0.0   | 100.0 | 545   | 3.5             | 449                                                        |                          |
| General secondary                        | 19.9                 | 2.5   | 4.4   | 12.3  | 47.7   | 13.1  | 0.1        | 100.0         | 60.7                                                 | 19.9   | 62.5   | 16.2   | 1.2        | 0.2   | 100.0 | 934   | 3.3             | 748                                                        |                          |
| Professional                             | 14.9                 | 1.1   | 2.3   | 8.4   | 54.0   | 18.7  | 0.6        | 100.0         | 72.7                                                 | 14.9   | 69.0   | 12.4   | 2.7        | 1.1   | 100.0 | 217   | 3.0             | 185                                                        |                          |
| primary/middle                           | 18.1                 | 2.6   | 1.3   | 6.6   | 51.3   | 19.9  | 0.0        | 100.0         | 71.3                                                 | 18.1   | 69.6   | 11.1   | 1.2        | 0.0   | 100.0 | 266   | 3.1             | 218                                                        |                          |
| Higher                                   |                      |       |       |       |        |       |            |               |                                                      |        |        |        |            |       |       |       |                 |                                                            |                          |
| Wealth quintile                          |                      |       |       |       |        |       |            |               |                                                      |        |        |        |            |       |       |       |                 |                                                            |                          |
| Lowest                                   | 34.2                 | 3.5   | 8.1   | 15.8  | 35.7   | 2.7   | 0.0        | 100.0         | 38.4                                                 | 34.2   | 43.4   | 19.2   | 3.2        | 0.0   | 100.0 | 389   | 3.5             | 256                                                        |                          |
| Second                                   | 19.3                 | 2.3   | 6.0   | 18.3  | 45.5   | 8.6   | 0.0        | 100.0         | 54.1                                                 | 19.3   | 57.7   | 21.9   | 1.1        | 0.0   | 100.0 | 410   | 3.4             | 331                                                        |                          |
| Middle                                   | 16.9                 | 1.3   | 4.6   | 11.3  | 54.2   | 11.7  | 0.0        | 100.0         | 65.9                                                 | 16.9   | 65.0   | 15.6   | 2.5        | 0.0   | 100.0 | 419   | 3.3             | 348                                                        |                          |
| Fourth                                   | 12.4                 | 2.8   | 2.8   | 8.0   | 55.1   | 18.3  | 0.5        | 100.0         | 73.5                                                 | 12.4   | 70.4   | 15.1   | 1.4        | 0.7   | 100.0 | 434   | 3.2             | 380                                                        |                          |
| Highest                                  | 12.2                 | 1.6   | 2.3   | 7.5   | 51.7   | 24.6  | 0.0        | 100.0         | 76.4                                                 | 12.2   | 73.1   | 13.4   | 1.0        | 0.3   | 100.0 | 414   | 3.1             | 363                                                        |                          |
| Total                                    | 18.7                 | 2.3   | 4.7   | 12.1  | 48.7   | 13.4  | 0.1        | 100.0         | 62.1                                                 | 18.7   | 62.3   | 17.0   | 1.8        | 0.2   | 100.0 | 2,066 | 3.3             | 1,679                                                      |                          |
| STILLBIRTHS                              |                      |       |       |       |        |       |            |               |                                                      |        |        |        |            |       |       |       |                 |                                                            |                          |
| Total                                    | *                    | *     | *     | *     | *      | *     | *          | 100.0         | *                                                    | *      | *      | *      | *          | *     | 100.0 | 11    | *               | 11                                                         |                          |
| LIVE BIRTHS AND STILLBIRTHS <sup>2</sup> |                      |       |       |       |        |       |            |               |                                                      |        |        |        |            |       |       |       |                 |                                                            |                          |
| Total                                    | 18.7                 | 2.3   | 4.7   | 12.2  | 48.6   | 13.4  | 0.1        | 100.0         | 62.0                                                 | 18.7   | 62.3   | 16.9   | 1.9        | 0.2   | 100.0 | 2,073 | 3.3             | 1,686                                                      |                          |

Note: Stillbirths are fetal deaths in pregnancies lasting 28 or more weeks. When pregnancy duration is reported in months, stillbirths are fetal deaths in pregnancies lasting 7 or more months. Figures in parentheses are based on 25–49 unweighted cases. An asterisk indicates that a figure is based on fewer than 25 unweighted cases and has been suppressed.

<sup>1</sup> Birth order refers to the order of the birth among the respondent's live births.

<sup>2</sup> For women who had both a live birth and a stillbirth in the 2 years preceding the survey, data are tabulated for the most recent birth only.



**Table 9.3.1 Components of antenatal care among women receiving ANC**

Among women age 15–49 receiving antenatal care (ANC) for the most recent live birth and/or stillbirth in the 2 years preceding the survey, percentage receiving specific antenatal services from a health care provider and percentage who became ill with COVID-19, according to background characteristics, Tajikistan DHS 2023

| Background characteristic                | Among women who received antenatal care for their most recent live birth or stillbirth in the past 2 years, percentage who received specific services during ANC from a health care provider and percentage who reported that they became ill with COVID-19: |                    |                    |                          |                               |                               |                              |                          | Number of women with ANC for their most recent live birth and/or stillbirth in the past 2 years |
|------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------|--------------------|--------------------------|-------------------------------|-------------------------------|------------------------------|--------------------------|-------------------------------------------------------------------------------------------------|
|                                          | Blood pressure measured                                                                                                                                                                                                                                      | Urine sample taken | Blood sample taken | Baby's heartbeat checked | Counseled about maternal diet | Counseled about breastfeeding | Asked about vaginal bleeding | Became ill with COVID-19 |                                                                                                 |
| LIVE BIRTHS                              |                                                                                                                                                                                                                                                              |                    |                    |                          |                               |                               |                              |                          |                                                                                                 |
| Age at birth                             |                                                                                                                                                                                                                                                              |                    |                    |                          |                               |                               |                              |                          |                                                                                                 |
| <20                                      | 100.0                                                                                                                                                                                                                                                        | 100.0              | 100.0              | 100.0                    | 97.1                          | 92.4                          | 87.6                         | 7.0                      | 109                                                                                             |
| 20–34                                    | 99.6                                                                                                                                                                                                                                                         | 99.3               | 99.4               | 99.5                     | 95.3                          | 88.7                          | 89.0                         | 6.2                      | 1,426                                                                                           |
| 35–49                                    | 98.5                                                                                                                                                                                                                                                         | 98.5               | 98.5               | 98.5                     | 93.3                          | 85.2                          | 88.0                         | 7.5                      | 143                                                                                             |
| Birth order <sup>1</sup>                 |                                                                                                                                                                                                                                                              |                    |                    |                          |                               |                               |                              |                          |                                                                                                 |
| 1                                        | 100.0                                                                                                                                                                                                                                                        | 99.7               | 99.6               | 99.2                     | 95.8                          | 89.2                          | 88.3                         | 6.8                      | 443                                                                                             |
| 2–3                                      | 99.4                                                                                                                                                                                                                                                         | 99.1               | 99.4               | 99.5                     | 95.7                          | 88.7                          | 88.8                         | 5.9                      | 886                                                                                             |
| 4–5                                      | 99.1                                                                                                                                                                                                                                                         | 99.2               | 99.2               | 100.0                    | 93.2                          | 87.1                          | 89.3                         | 6.9                      | 323                                                                                             |
| 6+                                       | (97.1)                                                                                                                                                                                                                                                       | (97.1)             | (97.1)             | (97.1)                   | (97.1)                        | (93.1)                        | (93.1)                       | (6.7)                    | 26                                                                                              |
| Residence                                |                                                                                                                                                                                                                                                              |                    |                    |                          |                               |                               |                              |                          |                                                                                                 |
| Urban                                    | 99.7                                                                                                                                                                                                                                                         | 98.9               | 99.7               | 99.4                     | 96.1                          | 90.3                          | 91.2                         | 9.2                      | 452                                                                                             |
| Rural                                    | 99.4                                                                                                                                                                                                                                                         | 99.4               | 99.3               | 99.5                     | 95.0                          | 88.0                          | 87.9                         | 5.3                      | 1,227                                                                                           |
| Region                                   |                                                                                                                                                                                                                                                              |                    |                    |                          |                               |                               |                              |                          |                                                                                                 |
| Dushanbe                                 | 99.7                                                                                                                                                                                                                                                         | 99.6               | 100.0              | 99.7                     | 97.9                          | 92.5                          | 95.9                         | 14.0                     | 189                                                                                             |
| GBAO                                     | 100.0                                                                                                                                                                                                                                                        | 100.0              | 100.0              | 100.0                    | 97.5                          | 57.9                          | 92.3                         | 2.6                      | 23                                                                                              |
| Sughd                                    | 99.6                                                                                                                                                                                                                                                         | 99.1               | 99.3               | 98.7                     | 93.6                          | 89.1                          | 87.8                         | 3.3                      | 520                                                                                             |
| DRS                                      | 99.1                                                                                                                                                                                                                                                         | 99.4               | 99.4               | 99.5                     | 93.5                          | 84.1                          | 81.6                         | 7.4                      | 387                                                                                             |
| Khatlon                                  | 99.6                                                                                                                                                                                                                                                         | 99.2               | 99.1               | 100.0                    | 97.0                          | 91.2                          | 92.1                         | 6.1                      | 560                                                                                             |
| FTF districts                            | 100.0                                                                                                                                                                                                                                                        | 100.0              | 99.6               | 100.0                    | 97.6                          | 91.9                          | 91.1                         | 5.9                      | 375                                                                                             |
| Education                                |                                                                                                                                                                                                                                                              |                    |                    |                          |                               |                               |                              |                          |                                                                                                 |
| None/primary                             | 100.0                                                                                                                                                                                                                                                        | 94.7               | 96.6               | 100.0                    | 87.1                          | 83.9                          | 80.8                         | 8.2                      | 80                                                                                              |
| General basic                            | 98.7                                                                                                                                                                                                                                                         | 98.9               | 99.1               | 99.4                     | 94.5                          | 86.0                          | 83.7                         | 5.6                      | 449                                                                                             |
| General secondary                        | 99.7                                                                                                                                                                                                                                                         | 99.9               | 99.9               | 99.5                     | 96.0                          | 89.0                          | 91.0                         | 6.2                      | 748                                                                                             |
| Professional primary/middle              | 100.0                                                                                                                                                                                                                                                        | 100.0              | 99.1               | 100.0                    | 94.9                          | 91.2                          | 93.2                         | 7.9                      | 185                                                                                             |
| Higher                                   | 99.7                                                                                                                                                                                                                                                         | 98.8               | 99.4               | 98.8                     | 97.6                          | 92.2                          | 91.0                         | 6.7                      | 218                                                                                             |
| Wealth quintile                          |                                                                                                                                                                                                                                                              |                    |                    |                          |                               |                               |                              |                          |                                                                                                 |
| Lowest                                   | 99.4                                                                                                                                                                                                                                                         | 98.9               | 98.9               | 99.4                     | 94.8                          | 82.6                          | 85.3                         | 8.0                      | 256                                                                                             |
| Second                                   | 99.0                                                                                                                                                                                                                                                         | 98.0               | 98.2               | 98.5                     | 95.9                          | 89.3                          | 86.1                         | 3.6                      | 331                                                                                             |
| Middle                                   | 99.7                                                                                                                                                                                                                                                         | 99.7               | 99.7               | 99.7                     | 94.6                          | 87.8                          | 89.6                         | 3.9                      | 348                                                                                             |
| Fourth                                   | 99.5                                                                                                                                                                                                                                                         | 99.6               | 99.8               | 99.8                     | 94.1                          | 88.6                          | 88.9                         | 5.8                      | 380                                                                                             |
| Highest                                  | 99.8                                                                                                                                                                                                                                                         | 99.8               | 100.0              | 99.8                     | 96.8                          | 93.1                          | 92.9                         | 10.7                     | 363                                                                                             |
| Total                                    | 99.5                                                                                                                                                                                                                                                         | 99.3               | 99.4               | 99.5                     | 95.3                          | 88.6                          | 88.8                         | 6.4                      | 1,679                                                                                           |
| STILLBIRTHS                              |                                                                                                                                                                                                                                                              |                    |                    |                          |                               |                               |                              |                          |                                                                                                 |
| Total                                    | *                                                                                                                                                                                                                                                            | *                  | *                  | *                        | *                             | *                             | *                            | *                        | 11                                                                                              |
| LIVE BIRTHS AND STILLBIRTHS <sup>2</sup> |                                                                                                                                                                                                                                                              |                    |                    |                          |                               |                               |                              |                          |                                                                                                 |
| Total                                    | 99.5                                                                                                                                                                                                                                                         | 99.3               | 99.4               | 99.5                     | 95.2                          | 88.7                          | 88.9                         | 6.3                      | 1,686                                                                                           |

Note: The denominator for this table includes all women with a birth in the 2 years preceding the survey who received ANC for that birth. Stillbirths are fetal deaths in pregnancies lasting 28 or more weeks. When pregnancy duration is reported in months, stillbirths are fetal deaths in pregnancies lasting 7 or more months. Figures in parentheses are based on 25–49 unweighted cases. An asterisk indicates that a figure is based on fewer than 25 unweighted cases and has been suppressed.

<sup>1</sup> Birth order refers to the order of the birth among the respondent's live births.

<sup>2</sup> For women who had both a live birth and a stillbirth in the 2 years preceding the survey, data are tabulated for the most recent birth only.

**Table 9.3.2 Components of antenatal care among all women**

Among all women age 15–49 with a live birth and/or stillbirth in the 2 years preceding the survey, percentage receiving specific antenatal services from a health care provider for their most recent live birth and/or stillbirth and percentage who reported becoming ill with COVID-19 during the pregnancy for their most recent live birth and/or stillbirth, according to background characteristics, Tajikistan DHS 2023

| Background characteristic                | Percentage who received specific services during ANC from a health care provider for their most recent live or stillbirth: |                    |                    |                          |                               |                               |                              | Percentage who became ill with COVID-19 during the pregnancy for their most recent live birth or stillbirth | Number of women with a live birth and/or stillbirth in the past 2 years |
|------------------------------------------|----------------------------------------------------------------------------------------------------------------------------|--------------------|--------------------|--------------------------|-------------------------------|-------------------------------|------------------------------|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------|
|                                          | Blood pressure measured                                                                                                    | Urine sample taken | Blood sample taken | Baby's heartbeat checked | Counseled about maternal diet | Counseled about breastfeeding | Asked about vaginal bleeding |                                                                                                             |                                                                         |
| LIVE BIRTHS                              |                                                                                                                            |                    |                    |                          |                               |                               |                              |                                                                                                             |                                                                         |
| Age at birth                             |                                                                                                                            |                    |                    |                          |                               |                               |                              |                                                                                                             |                                                                         |
| <20                                      | 86.1                                                                                                                       | 86.1               | 86.1               | 86.1                     | 83.6                          | 79.5                          | 75.4                         | 6.4                                                                                                         | 127                                                                     |
| 20–34                                    | 80.7                                                                                                                       | 80.5               | 80.6               | 80.7                     | 77.3                          | 71.9                          | 72.2                         | 5.4                                                                                                         | 1,759                                                                   |
| 35–49                                    | 78.0                                                                                                                       | 78.0               | 78.0               | 78.0                     | 73.9                          | 67.5                          | 69.8                         | 7.8                                                                                                         | 181                                                                     |
| Birth order <sup>1</sup>                 |                                                                                                                            |                    |                    |                          |                               |                               |                              |                                                                                                             |                                                                         |
| 1                                        | 82.7                                                                                                                       | 82.4               | 82.4               | 82.0                     | 79.2                          | 73.8                          | 73.0                         | 6.0                                                                                                         | 536                                                                     |
| 2–3                                      | 81.1                                                                                                                       | 80.9               | 81.1               | 81.2                     | 78.1                          | 72.4                          | 72.4                         | 5.3                                                                                                         | 1,086                                                                   |
| 4–5                                      | 77.9                                                                                                                       | 77.9               | 77.9               | 78.6                     | 73.2                          | 68.4                          | 70.2                         | 6.5                                                                                                         | 411                                                                     |
| 6+                                       | (78.1)                                                                                                                     | (78.1)             | (78.1)             | (78.1)                   | (78.1)                        | (74.9)                        | (74.9)                       | (5.4)                                                                                                       | 32                                                                      |
| Residence                                |                                                                                                                            |                    |                    |                          |                               |                               |                              |                                                                                                             |                                                                         |
| Urban                                    | 84.1                                                                                                                       | 83.4               | 84.1               | 83.8                     | 81.0                          | 76.1                          | 76.9                         | 8.3                                                                                                         | 536                                                                     |
| Rural                                    | 79.7                                                                                                                       | 79.7               | 79.6               | 79.8                     | 76.1                          | 70.5                          | 70.5                         | 4.8                                                                                                         | 1,530                                                                   |
| Region                                   |                                                                                                                            |                    |                    |                          |                               |                               |                              |                                                                                                             |                                                                         |
| Dushanbe                                 | 90.8                                                                                                                       | 90.7               | 91.0               | 90.8                     | 89.2                          | 84.2                          | 87.3                         | 13.0                                                                                                        | 208                                                                     |
| GBAO                                     | 92.7                                                                                                                       | 92.7               | 92.7               | 92.7                     | 90.4                          | 53.7                          | 85.5                         | 3.0                                                                                                         | 25                                                                      |
| Sughd                                    | 89.9                                                                                                                       | 89.4               | 89.7               | 89.1                     | 84.5                          | 80.4                          | 79.3                         | 3.9                                                                                                         | 576                                                                     |
| DRS                                      | 81.2                                                                                                                       | 81.5               | 81.5               | 81.5                     | 76.6                          | 68.9                          | 66.9                         | 6.5                                                                                                         | 472                                                                     |
| Khatlon                                  | 71.0                                                                                                                       | 70.7               | 70.7               | 71.3                     | 69.2                          | 65.0                          | 65.7                         | 4.7                                                                                                         | 785                                                                     |
| FTF districts                            | 79.7                                                                                                                       | 79.7               | 79.3               | 79.7                     | 77.7                          | 73.2                          | 72.6                         | 5.0                                                                                                         | 471                                                                     |
| Education                                |                                                                                                                            |                    |                    |                          |                               |                               |                              |                                                                                                             |                                                                         |
| None/primary                             | 77.1                                                                                                                       | 73.0               | 74.5               | 77.1                     | 67.1                          | 64.7                          | 62.3                         | 7.0                                                                                                         | 103                                                                     |
| General basic                            | 81.2                                                                                                                       | 81.4               | 81.5               | 81.8                     | 77.7                          | 70.7                          | 68.8                         | 5.0                                                                                                         | 545                                                                     |
| General secondary                        | 79.8                                                                                                                       | 80.0               | 80.0               | 79.6                     | 76.9                          | 71.3                          | 72.9                         | 5.6                                                                                                         | 934                                                                     |
| Professional primary/middle              | 85.1                                                                                                                       | 85.1               | 84.3               | 85.1                     | 80.8                          | 77.6                          | 79.3                         | 7.1                                                                                                         | 217                                                                     |
| Higher                                   | 81.6                                                                                                                       | 80.9               | 81.4               | 80.9                     | 79.9                          | 75.5                          | 74.5                         | 6.0                                                                                                         | 266                                                                     |
| Wealth quintile                          |                                                                                                                            |                    |                    |                          |                               |                               |                              |                                                                                                             |                                                                         |
| Lowest                                   | 65.4                                                                                                                       | 65.1               | 65.1               | 65.4                     | 62.4                          | 54.4                          | 56.2                         | 5.7                                                                                                         | 389                                                                     |
| Second                                   | 79.9                                                                                                                       | 79.1               | 79.3               | 79.5                     | 77.4                          | 72.1                          | 69.5                         | 3.6                                                                                                         | 410                                                                     |
| Middle                                   | 82.9                                                                                                                       | 82.9               | 82.9               | 82.9                     | 78.6                          | 72.9                          | 74.5                         | 3.9                                                                                                         | 419                                                                     |
| Fourth                                   | 87.1                                                                                                                       | 87.2               | 87.4               | 87.4                     | 82.4                          | 77.5                          | 77.8                         | 5.1                                                                                                         | 434                                                                     |
| Highest                                  | 87.6                                                                                                                       | 87.6               | 87.8               | 87.6                     | 85.0                          | 81.7                          | 81.6                         | 10.3                                                                                                        | 414                                                                     |
| Total                                    | 80.8                                                                                                                       | 80.7               | 80.7               | 80.8                     | 77.4                          | 72.0                          | 72.2                         | 5.7                                                                                                         | 2,066                                                                   |
| STILLBIRTHS                              |                                                                                                                            |                    |                    |                          |                               |                               |                              |                                                                                                             |                                                                         |
| Total                                    | *                                                                                                                          | *                  | *                  | *                        | *                             | *                             | *                            | *                                                                                                           | 11                                                                      |
| LIVE BIRTHS AND STILLBIRTHS <sup>2</sup> |                                                                                                                            |                    |                    |                          |                               |                               |                              |                                                                                                             |                                                                         |
| Total                                    | 80.9                                                                                                                       | 80.7               | 80.8               | 80.9                     | 77.4                          | 72.1                          | 72.3                         | 5.7                                                                                                         | 2,073                                                                   |

Note: The denominator for this table includes all women with a birth in the 2 years preceding the survey, whether or not they received ANC for that birth. Stillbirths are fetal deaths in pregnancies lasting 28 or more weeks. When pregnancy duration is reported in months, stillbirths are fetal deaths in pregnancies lasting 7 or more months. Figures in parentheses are based on 25–49 unweighted cases. An asterisk indicates that a figure is based on fewer than 25 unweighted cases and has been suppressed.

<sup>1</sup> Birth order refers to the order of the birth among the respondent's live births.

<sup>2</sup> For women who had both a live birth and a stillbirth in the 2 years preceding the survey, data are tabulated for the most recent birth only.

**Table 9.4 Food/cash assistance, folic acid supplementation, and iron-containing supplementation during pregnancy**

Among women age 15–49 with a live birth or stillbirth in the 2 years preceding the survey, percentages who received food or cash assistance, took folic acid during the first 3 months of pregnancy, and took any iron-containing supplements during the pregnancy of the most recent live birth or stillbirth, and percent distribution of the number of days during which women age 15–49 with a live birth or stillbirth in the 2 years preceding the survey took iron-containing supplements during the pregnancy for the most recent live birth or stillbirth, according to background characteristics, Tajikistan DHS 2023

| Background characteristic                | Among women with a live birth and/or stillbirth in the past 2 years, percentage who during the pregnancy for the most recent live birth or stillbirth: |                                                                |                                                   | Number of days during which women with a live birth and/or stillbirth in the past 2 years took iron-containing supplements <sup>2</sup> during the pregnancy for the most recent live birth or stillbirth: |        |       |        |       |            | Total | Number of women with a live birth and/or stillbirth in the past 2 years |
|------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------|---------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------|-------|--------|-------|------------|-------|-------------------------------------------------------------------------|
|                                          | Received food or cash assistance <sup>1</sup>                                                                                                          | Took folic acid tablets during the first 3 months of pregnancy | Took any iron-containing supplements <sup>2</sup> | None                                                                                                                                                                                                       | <60    | 60–89 | 90–179 | 180+  | Don't know |       |                                                                         |
| LIVE BIRTHS                              |                                                                                                                                                        |                                                                |                                                   |                                                                                                                                                                                                            |        |       |        |       |            |       |                                                                         |
| Age at birth                             |                                                                                                                                                        |                                                                |                                                   |                                                                                                                                                                                                            |        |       |        |       |            |       |                                                                         |
| <20                                      | 6.2                                                                                                                                                    | 73.6                                                           | 74.3                                              | 25.7                                                                                                                                                                                                       | 52.6   | 6.9   | 12.7   | 0.4   | 1.7        | 100.0 | 127                                                                     |
| 20–34                                    | 4.2                                                                                                                                                    | 75.1                                                           | 75.4                                              | 24.6                                                                                                                                                                                                       | 55.2   | 6.9   | 11.4   | 0.7   | 1.2        | 100.0 | 1,759                                                                   |
| 35–49                                    | 3.9                                                                                                                                                    | 68.6                                                           | 65.8                                              | 34.2                                                                                                                                                                                                       | 51.4   | 6.1   | 7.8    | 0.3   | 0.3        | 100.0 | 181                                                                     |
| Birth order <sup>3</sup>                 |                                                                                                                                                        |                                                                |                                                   |                                                                                                                                                                                                            |        |       |        |       |            |       |                                                                         |
| 1                                        | 4.2                                                                                                                                                    | 77.6                                                           | 76.7                                              | 23.3                                                                                                                                                                                                       | 55.6   | 7.0   | 11.5   | 0.8   | 1.9        | 100.0 | 536                                                                     |
| 2–3                                      | 4.2                                                                                                                                                    | 74.2                                                           | 76.5                                              | 23.5                                                                                                                                                                                                       | 55.8   | 7.0   | 12.1   | 0.6   | 1.0        | 100.0 | 1,086                                                                   |
| 4–5                                      | 4.9                                                                                                                                                    | 72.4                                                           | 68.0                                              | 32.0                                                                                                                                                                                                       | 52.1   | 6.1   | 8.6    | 0.6   | 0.5        | 100.0 | 411                                                                     |
| 6+                                       | (0.0)                                                                                                                                                  | (54.8)                                                         | (56.7)                                            | (43.3)                                                                                                                                                                                                     | (40.9) | (8.0) | (7.7)  | (0.0) | (0.0)      | 100.0 | 32                                                                      |
| Residence                                |                                                                                                                                                        |                                                                |                                                   |                                                                                                                                                                                                            |        |       |        |       |            |       |                                                                         |
| Urban                                    | 6.6                                                                                                                                                    | 83.8                                                           | 82.7                                              | 17.3                                                                                                                                                                                                       | 55.8   | 8.1   | 14.5   | 1.7   | 2.6        | 100.0 | 536                                                                     |
| Rural                                    | 3.5                                                                                                                                                    | 71.1                                                           | 71.7                                              | 28.3                                                                                                                                                                                                       | 54.4   | 6.4   | 10.0   | 0.3   | 0.6        | 100.0 | 1,530                                                                   |
| Region                                   |                                                                                                                                                        |                                                                |                                                   |                                                                                                                                                                                                            |        |       |        |       |            |       |                                                                         |
| Dushanbe                                 | 9.8                                                                                                                                                    | 91.6                                                           | 92.0                                              | 8.0                                                                                                                                                                                                        | 52.0   | 7.4   | 25.1   | 3.3   | 4.3        | 100.0 | 208                                                                     |
| GBAO                                     | 5.1                                                                                                                                                    | 85.7                                                           | 87.6                                              | 12.4                                                                                                                                                                                                       | 62.0   | 11.0  | 14.6   | 0.0   | 0.0        | 100.0 | 25                                                                      |
| Sughd                                    | 9.2                                                                                                                                                    | 68.1                                                           | 71.7                                              | 28.3                                                                                                                                                                                                       | 56.3   | 9.0   | 5.0    | 0.8   | 0.6        | 100.0 | 576                                                                     |
| DRS                                      | 1.3                                                                                                                                                    | 74.2                                                           | 73.8                                              | 26.2                                                                                                                                                                                                       | 59.8   | 3.0   | 9.6    | 0.4   | 0.9        | 100.0 | 472                                                                     |
| Khatlon                                  | 1.0                                                                                                                                                    | 74.3                                                           | 72.0                                              | 28.0                                                                                                                                                                                                       | 51.1   | 7.3   | 12.8   | 0.0   | 0.9        | 100.0 | 785                                                                     |
| FTF districts                            | 1.3                                                                                                                                                    | 75.6                                                           | 74.0                                              | 26.0                                                                                                                                                                                                       | 41.1   | 11.4  | 20.4   | 0.0   | 1.0        | 100.0 | 471                                                                     |
| Education                                |                                                                                                                                                        |                                                                |                                                   |                                                                                                                                                                                                            |        |       |        |       |            |       |                                                                         |
| None/primary                             | 2.5                                                                                                                                                    | 58.5                                                           | 62.2                                              | 37.8                                                                                                                                                                                                       | 45.3   | 4.1   | 11.2   | 1.5   | 0.0        | 100.0 | 103                                                                     |
| General basic                            | 4.6                                                                                                                                                    | 69.3                                                           | 69.1                                              | 30.9                                                                                                                                                                                                       | 53.6   | 4.5   | 9.5    | 0.4   | 1.0        | 100.0 | 545                                                                     |
| General secondary                        | 4.2                                                                                                                                                    | 76.8                                                           | 76.2                                              | 23.8                                                                                                                                                                                                       | 55.3   | 7.2   | 12.0   | 0.6   | 1.1        | 100.0 | 934                                                                     |
| Professional                             |                                                                                                                                                        |                                                                |                                                   |                                                                                                                                                                                                            |        |       |        |       |            |       |                                                                         |
| primary/middle                           | 3.6                                                                                                                                                    | 78.1                                                           | 78.6                                              | 21.4                                                                                                                                                                                                       | 55.1   | 11.3  | 10.2   | 0.8   | 1.3        | 100.0 | 217                                                                     |
| Higher                                   | 5.1                                                                                                                                                    | 79.8                                                           | 81.5                                              | 18.5                                                                                                                                                                                                       | 58.5   | 7.8   | 12.5   | 0.9   | 1.8        | 100.0 | 266                                                                     |
| Wealth quintile                          |                                                                                                                                                        |                                                                |                                                   |                                                                                                                                                                                                            |        |       |        |       |            |       |                                                                         |
| Lowest                                   | 0.9                                                                                                                                                    | 62.3                                                           | 61.0                                              | 39.0                                                                                                                                                                                                       | 50.1   | 2.9   | 7.5    | 0.5   | 0.0        | 100.0 | 389                                                                     |
| Second                                   | 1.2                                                                                                                                                    | 73.7                                                           | 72.0                                              | 28.0                                                                                                                                                                                                       | 54.5   | 6.2   | 9.8    | 0.4   | 1.1        | 100.0 | 410                                                                     |
| Middle                                   | 3.9                                                                                                                                                    | 75.4                                                           | 78.4                                              | 21.6                                                                                                                                                                                                       | 53.4   | 10.8  | 12.3   | 0.8   | 1.1        | 100.0 | 419                                                                     |
| Fourth                                   | 9.1                                                                                                                                                    | 72.3                                                           | 73.8                                              | 26.2                                                                                                                                                                                                       | 56.1   | 5.4   | 11.1   | 0.3   | 0.9        | 100.0 | 434                                                                     |
| Highest                                  | 5.9                                                                                                                                                    | 87.8                                                           | 86.7                                              | 13.3                                                                                                                                                                                                       | 59.4   | 8.6   | 14.9   | 1.3   | 2.5        | 100.0 | 414                                                                     |
| Total                                    | 4.3                                                                                                                                                    | 74.4                                                           | 74.5                                              | 25.5                                                                                                                                                                                                       | 54.8   | 6.8   | 11.2   | 0.6   | 1.1        | 100.0 | 2,066                                                                   |
| STILLBIRTHS                              |                                                                                                                                                        |                                                                |                                                   |                                                                                                                                                                                                            |        |       |        |       |            |       |                                                                         |
| Total                                    | *                                                                                                                                                      | *                                                              | *                                                 | *                                                                                                                                                                                                          | *      | *     | *      | *     | *          | 100.0 | 11                                                                      |
| LIVE BIRTHS AND STILLBIRTHS <sup>4</sup> |                                                                                                                                                        |                                                                |                                                   |                                                                                                                                                                                                            |        |       |        |       |            |       |                                                                         |
| Total                                    | 4.3                                                                                                                                                    | 74.4                                                           | 74.5                                              | 25.5                                                                                                                                                                                                       | 54.8   | 6.8   | 11.1   | 0.6   | 1.1        | 100.0 | 2,073                                                                   |

Note: Stillbirths are fetal deaths in pregnancies lasting 28 or more weeks. When pregnancy duration is reported in months, stillbirths are fetal deaths in pregnancies lasting 7 or more months. Figures in parentheses are based on 25–49 unweighted cases. An asterisk indicates that a figure is based on fewer than 25 unweighted cases and has been suppressed.

<sup>1</sup> Food or cash assistance programs include Adresnaya Socialnaya Pomosh.

<sup>2</sup> Iron tablets and syrup

<sup>3</sup> Birth order refers to the order of the birth among the respondent's live births.

<sup>4</sup> For women who had both a live birth and a stillbirth in the 2 years preceding the survey, data are tabulated for the most recent birth only.

**Table 9.5 Source of iron-containing supplements**

Among women age 15–49 who had a live birth and/or stillbirth in the 2 years preceding the survey and were given or bought iron-containing supplements during the pregnancy of the most recent live birth or stillbirth, percentage who obtained supplements, according to source, Tajikistan DHS 2023

| Source                                            | Percentage who obtained iron-containing supplements <sup>1</sup> from each source: |             |                                          |
|---------------------------------------------------|------------------------------------------------------------------------------------|-------------|------------------------------------------|
|                                                   | Live births                                                                        | Stillbirths | Live births and stillbirths <sup>2</sup> |
| <b>Public sector</b>                              | <b>37.2</b>                                                                        | <b>*</b>    | <b>37.3</b>                              |
| Government hospital                               | 1.1                                                                                | *           | 1.1                                      |
| Maternity home                                    | 0.2                                                                                | *           | 0.2                                      |
| Health center (urban/rayon/rural)                 | 31.5                                                                               | *           | 31.5                                     |
| Reproductive health center                        | 2.6                                                                                | *           | 2.6                                      |
| Health house                                      | 0.1                                                                                | *           | 0.1                                      |
| Integrated management of childhood illness center | 0.7                                                                                | *           | 0.7                                      |
| Immunoprophylaxis center                          | 0.3                                                                                | *           | 0.3                                      |
| Healthy lifestyle center                          | 0.7                                                                                | *           | 0.7                                      |
| Family medicine center                            | 0.7                                                                                | *           | 0.7                                      |
| Patronage medical worker                          | 0.8                                                                                | *           | 0.8                                      |
| <b>Private medical sector</b>                     | <b>67.4</b>                                                                        | <b>*</b>    | <b>67.4</b>                              |
| Private hospital                                  | 0.1                                                                                | *           | 0.1                                      |
| Private clinic                                    | 0.2                                                                                | *           | 0.2                                      |
| Private doctor                                    | 0.0                                                                                | *           | 0.0                                      |
| Pharmacy                                          | 67.1                                                                               | *           | 67.1                                     |
| <b>Other private sector</b>                       | <b>0.6</b>                                                                         | <b>*</b>    | <b>0.6</b>                               |
| Shop                                              | 0.2                                                                                | *           | 0.2                                      |
| Market                                            | 0.4                                                                                | *           | 0.4                                      |
| Other                                             | 0.0                                                                                | *           | 0.0                                      |
| Number of women                                   | 1,543                                                                              | 6           | 1,547                                    |

Note: Supplements may have been obtained from more than one source. Stillbirths are fetal deaths in pregnancies lasting 28 or more weeks. When pregnancy duration is reported in months, stillbirths are fetal deaths in pregnancies lasting 7 or more months. An asterisk indicates that a figure is based on fewer than 25 unweighted cases and has been suppressed.

<sup>1</sup> Iron tablets and syrup

<sup>2</sup> For women who had both a live birth and a stillbirth in the 2 years preceding the survey, data are tabulated for the most recent birth only.

**Table 9.6 Preconception folic acid supplementation**

Among women with a live birth and/or stillbirth in the 2 years before the survey, percentage who received folic acid tablets before the pregnancy for the most recent live birth or stillbirth, according to background characteristics, Tajikistan DHS 2023

| Background characteristic                      | Percentage who took folic acid tablets before the pregnancy for their most recent live birth or stillbirth | Number of women with a live birth and/or stillbirth in the past 2 years <sup>1</sup> |
|------------------------------------------------|------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|
| <b>LIVE BIRTHS</b>                             |                                                                                                            |                                                                                      |
| <b>Age at birth</b>                            |                                                                                                            |                                                                                      |
| <20                                            | 68.0                                                                                                       | 127                                                                                  |
| 20–34                                          | 68.2                                                                                                       | 1,759                                                                                |
| 35–49                                          | 61.7                                                                                                       | 181                                                                                  |
| <b>Birth order<sup>2</sup></b>                 |                                                                                                            |                                                                                      |
| 1                                              | 68.6                                                                                                       | 536                                                                                  |
| 2–3                                            | 69.2                                                                                                       | 1,086                                                                                |
| 4–5                                            | 63.1                                                                                                       | 411                                                                                  |
| 6+                                             | (56.5)                                                                                                     | 32                                                                                   |
| <b>Residence</b>                               |                                                                                                            |                                                                                      |
| Urban                                          | 76.3                                                                                                       | 536                                                                                  |
| Rural                                          | 64.6                                                                                                       | 1,530                                                                                |
| <b>Region</b>                                  |                                                                                                            |                                                                                      |
| Dushanbe                                       | 83.4                                                                                                       | 208                                                                                  |
| GBAO                                           | 78.4                                                                                                       | 25                                                                                   |
| Sughd                                          | 65.0                                                                                                       | 576                                                                                  |
| DRS                                            | 62.7                                                                                                       | 472                                                                                  |
| Khatlon                                        | 68.0                                                                                                       | 785                                                                                  |
| <b>FTF districts</b>                           | 72.2                                                                                                       | 471                                                                                  |
| <b>Education</b>                               |                                                                                                            |                                                                                      |
| None/primary                                   | 46.9                                                                                                       | 103                                                                                  |
| General basic                                  | 62.9                                                                                                       | 545                                                                                  |
| General secondary                              | 71.4                                                                                                       | 934                                                                                  |
| Professional primary/middle                    | 66.0                                                                                                       | 217                                                                                  |
| Higher                                         | 73.7                                                                                                       | 266                                                                                  |
| <b>Wealth quintile</b>                         |                                                                                                            |                                                                                      |
| Lowest                                         | 56.5                                                                                                       | 389                                                                                  |
| Second                                         | 66.2                                                                                                       | 410                                                                                  |
| Middle                                         | 68.2                                                                                                       | 419                                                                                  |
| Fourth                                         | 66.0                                                                                                       | 434                                                                                  |
| Highest                                        | 80.6                                                                                                       | 414                                                                                  |
| <b>Total</b>                                   | 67.6                                                                                                       | 2,066                                                                                |
| <b>STILLBIRTHS</b>                             |                                                                                                            |                                                                                      |
| <b>Total</b>                                   | *                                                                                                          | 11                                                                                   |
| <b>LIVE BIRTHS AND STILLBIRTHS<sup>1</sup></b> |                                                                                                            |                                                                                      |
| <b>Total</b>                                   | 67.5                                                                                                       | 2,073                                                                                |

Note: Figures in parentheses are based on 25–49 unweighted cases. An asterisk indicates that a figure is based on fewer than 25 unweighted cases and has been suppressed.

<sup>1</sup> For women who had both a live birth and a stillbirth in the 2 years preceding the survey, data are tabulated for the most recent birth only.

<sup>2</sup> Birth order refers to the order of birth among the respondent's live births.

**Table 9.7 COVID during pregnancy**

Among all women age 15–49 with a pregnancy in the 2 years preceding the survey, percentage who reported becoming ill with COVID-19 during their most recent pregnancy, according to pregnancy outcome and background characteristics, Tajikistan DHS 2023

| Background characteristic                      | Percentage who reported becoming ill with COVID-19 during their most recent pregnancy | Number of women with a pregnancy in the past 2 years |
|------------------------------------------------|---------------------------------------------------------------------------------------|------------------------------------------------------|
| <b>LIVE BIRTHS</b>                             |                                                                                       |                                                      |
| <b>Age at birth</b>                            |                                                                                       |                                                      |
| <20                                            | 6.4                                                                                   | 127                                                  |
| 20–34                                          | 5.4                                                                                   | 1,759                                                |
| 35–49                                          | 7.8                                                                                   | 181                                                  |
| <b>Birth order<sup>1</sup></b>                 |                                                                                       |                                                      |
| 1                                              | 6.0                                                                                   | 536                                                  |
| 2–3                                            | 5.3                                                                                   | 1,086                                                |
| 4–5                                            | 6.5                                                                                   | 411                                                  |
| 6+                                             | (5.4)                                                                                 | 32                                                   |
| <b>Residence</b>                               |                                                                                       |                                                      |
| Urban                                          | 8.3                                                                                   | 536                                                  |
| Rural                                          | 4.8                                                                                   | 1,530                                                |
| <b>Region</b>                                  |                                                                                       |                                                      |
| Dushanbe                                       | 13.0                                                                                  | 208                                                  |
| GBAO                                           | 3.0                                                                                   | 25                                                   |
| Sughd                                          | 3.9                                                                                   | 576                                                  |
| DRS                                            | 6.5                                                                                   | 472                                                  |
| Khatlon                                        | 4.7                                                                                   | 785                                                  |
| <b>FTF districts</b>                           | 5.0                                                                                   | 471                                                  |
| <b>Education</b>                               |                                                                                       |                                                      |
| None/primary                                   | 7.0                                                                                   | 103                                                  |
| General basic                                  | 5.0                                                                                   | 545                                                  |
| General secondary                              | 5.6                                                                                   | 934                                                  |
| Professional primary/middle                    | 7.1                                                                                   | 217                                                  |
| Higher                                         | 6.0                                                                                   | 266                                                  |
| <b>Wealth quintile</b>                         |                                                                                       |                                                      |
| Lowest                                         | 5.7                                                                                   | 389                                                  |
| Second                                         | 3.6                                                                                   | 410                                                  |
| Middle                                         | 3.9                                                                                   | 419                                                  |
| Fourth                                         | 5.1                                                                                   | 434                                                  |
| Highest                                        | 10.3                                                                                  | 414                                                  |
| Total                                          | 5.7                                                                                   | 2,066                                                |
| <b>ABORTIONS/MISCARRIAGES</b>                  |                                                                                       |                                                      |
| Total                                          | 6.7                                                                                   | 466                                                  |
| <b>STILLBIRTHS</b>                             |                                                                                       |                                                      |
| Total                                          | *                                                                                     | 11                                                   |
| <b>LIVE BIRTHS AND STILLBIRTHS<sup>2</sup></b> |                                                                                       |                                                      |
| Total                                          | 6.0                                                                                   | 2,380                                                |

Note: The denominator for this table includes all women with a pregnancy in the 2 years preceding the survey, whether or not they received ANC for that birth. Stillbirths are fetal deaths in pregnancies lasting 28 or more weeks. When pregnancy duration is reported in months, stillbirths are fetal deaths in pregnancies lasting 7 or more months. Figures in parentheses are based on 25–49 unweighted cases. An asterisk indicates that a figure is based on fewer than 25 unweighted cases and has been suppressed.

<sup>1</sup> Birth order refers to the order of the birth among the respondent's live births.

<sup>2</sup> For women who had both a live birth and a stillbirth in the 2 years preceding the survey, data are tabulated for the most recent birth only.

**Table 9.8 Place of delivery**

Percent distribution of live births and/or stillbirths in the 2 years preceding the survey by place of delivery and percentage delivered in a health facility, according to background characteristics, Tajikistan DHS 2023

| Background characteristic          | Health facility |                | Home   | Other | Total | Percentage delivered in a health facility | Number of births |
|------------------------------------|-----------------|----------------|--------|-------|-------|-------------------------------------------|------------------|
|                                    | Public sector   | Private sector |        |       |       |                                           |                  |
| LIVE BIRTHS                        |                 |                |        |       |       |                                           |                  |
| Mother's age at birth              |                 |                |        |       |       |                                           |                  |
| <20                                | 96.5            | 0.0            | 3.5    | 0.0   | 100.0 | 96.5                                      | 151              |
| 20–34                              | 94.7            | 0.2            | 5.0    | 0.1   | 100.0 | 94.9                                      | 1,875            |
| 35–49                              | 91.4            | 0.4            | 8.2    | 0.0   | 100.0 | 91.8                                      | 186              |
| Birth order <sup>1</sup>           |                 |                |        |       |       |                                           |                  |
| 1                                  | 97.0            | 0.1            | 2.9    | 0.0   | 100.0 | 97.1                                      | 608              |
| 2–3                                | 94.9            | 0.3            | 4.6    | 0.1   | 100.0 | 95.2                                      | 1,145            |
| 4–5                                | 91.1            | 0.0            | 8.9    | 0.0   | 100.0 | 91.1                                      | 428              |
| 6+                                 | (80.1)          | (0.0)          | (19.9) | (0.0) | 100.0 | (80.1)                                    | 32               |
| Antenatal care visits <sup>2</sup> |                 |                |        |       |       |                                           |                  |
| None                               | 89.7            | 0.0            | 10.3   | 0.0   | 100.0 | 89.7                                      | 387              |
| 1–3                                | 92.9            | 0.3            | 6.9    | 0.0   | 100.0 | 93.1                                      | 394              |
| 4+                                 | 96.2            | 0.2            | 3.5    | 0.1   | 100.0 | 96.3                                      | 1,282            |
| Don't know/missing                 | *               | *              | *      | *     | 100.0 | *                                         | 2                |
| Residence                          |                 |                |        |       |       |                                           |                  |
| Urban                              | 98.0            | 0.2            | 1.8    | 0.0   | 100.0 | 98.2                                      | 578              |
| Rural                              | 93.3            | 0.2            | 6.4    | 0.1   | 100.0 | 93.5                                      | 1,635            |
| Region                             |                 |                |        |       |       |                                           |                  |
| Dushanbe                           | 98.6            | 0.0            | 1.4    | 0.0   | 100.0 | 98.6                                      | 222              |
| GBAO                               | 87.5            | 5.8            | 6.6    | 0.0   | 100.0 | 93.4                                      | 27               |
| Sughd                              | 98.4            | 0.0            | 1.4    | 0.2   | 100.0 | 98.4                                      | 620              |
| DRS                                | 87.0            | 0.4            | 12.6   | 0.0   | 100.0 | 87.4                                      | 501              |
| Khatlon                            | 95.4            | 0.0            | 4.6    | 0.0   | 100.0 | 95.4                                      | 844              |
| FTF districts                      | 98.1            | 0.0            | 1.9    | 0.0   | 100.0 | 98.1                                      | 507              |
| Mother's education                 |                 |                |        |       |       |                                           |                  |
| None/primary                       | 86.2            | 0.0            | 13.8   | 0.0   | 100.0 | 86.2                                      | 109              |
| General basic                      | 90.3            | 0.4            | 9.3    | 0.0   | 100.0 | 90.7                                      | 572              |
| General secondary                  | 96.2            | 0.0            | 3.6    | 0.1   | 100.0 | 96.2                                      | 1,014            |
| Professional primary/<br>middle    | 97.4            | 0.1            | 2.5    | 0.0   | 100.0 | 97.5                                      | 233              |
| Higher                             | 98.1            | 0.4            | 1.5    | 0.0   | 100.0 | 98.5                                      | 285              |
| Wealth quintile                    |                 |                |        |       |       |                                           |                  |
| Lowest                             | 86.0            | 0.3            | 13.4   | 0.4   | 100.0 | 86.3                                      | 410              |
| Second                             | 94.2            | 0.4            | 5.4    | 0.0   | 100.0 | 94.6                                      | 425              |
| Middle                             | 96.5            | 0.0            | 3.5    | 0.0   | 100.0 | 96.5                                      | 460              |
| Fourth                             | 97.0            | 0.0            | 3.0    | 0.0   | 100.0 | 97.0                                      | 474              |
| Highest                            | 98.3            | 0.2            | 1.5    | 0.0   | 100.0 | 98.5                                      | 443              |
| Total                              | 94.6            | 0.2            | 5.2    | 0.1   | 100.0 | 94.7                                      | 2,213            |
| STILLBIRTHS                        |                 |                |        |       |       |                                           |                  |
| Total                              | *               | *              | *      | *     | 100.0 | *                                         | 11               |
| LIVE BIRTHS AND STILLBIRTHS        |                 |                |        |       |       |                                           |                  |
| Total                              | 94.6            | 0.2            | 5.2    | 0.1   | 100.0 | 94.8                                      | 2,223            |

Note: Stillbirths are fetal deaths in pregnancies lasting 28 or more weeks. When pregnancy duration is reported in months, stillbirths are fetal deaths in pregnancies lasting 7 or more months. Total includes 2 births for which the number of antenatal care visits was not known or missing. Figures in parentheses are based on 25–49 unweighted cases. An asterisk indicates that a figure is based on fewer than 25 unweighted cases and has been suppressed.

<sup>1</sup> Birth order refers to the order of the birth among the respondent's live births.

<sup>2</sup> Includes only the most recent birth in the 2 years preceding the survey

**Table 9.9 Cesarean section**

Percentage of live births and/or stillbirths in the 2 years preceding the survey delivered via cesarean section (C-section), according to background characteristics, Tajikistan DHS 2023

| Background characteristic                | Percentage delivered via C-section | Number of births |
|------------------------------------------|------------------------------------|------------------|
| <b>LIVE BIRTHS</b>                       |                                    |                  |
| <b>Mother's age at birth</b>             |                                    |                  |
| <20                                      | 4.2                                | 151              |
| 20–34                                    | 10.5                               | 1,875            |
| 35–49                                    | 14.4                               | 186              |
| <b>Birth order<sup>1</sup></b>           |                                    |                  |
| 1                                        | 8.9                                | 608              |
| 2–3                                      | 10.8                               | 1,145            |
| 4–5                                      | 11.5                               | 428              |
| 6+                                       | (12.2)                             | 32               |
| <b>Antenatal care visits<sup>2</sup></b> |                                    |                  |
| None                                     | 7.6                                | 387              |
| 1–3                                      | 12.9                               | 394              |
| 4+                                       | 10.7                               | 1,282            |
| Don't know/missing                       | *                                  | 2                |
| <b>Place of delivery</b>                 |                                    |                  |
| Health facility                          | 11.0                               | 2,096            |
| Public sector                            | 11.0                               | 2,093            |
| Private sector                           | *                                  | 4                |
| <b>Residence</b>                         |                                    |                  |
| Urban                                    | 12.5                               | 578              |
| Rural                                    | 9.6                                | 1,635            |
| <b>Region</b>                            |                                    |                  |
| Dushanbe                                 | 9.2                                | 222              |
| GBAO                                     | 10.6                               | 27               |
| Sughd                                    | 9.2                                | 620              |
| DRS                                      | 9.9                                | 501              |
| Khatlon                                  | 11.9                               | 844              |
| <b>FTF districts</b>                     | 10.6                               | 507              |
| <b>Mother's education</b>                |                                    |                  |
| None/primary                             | 9.3                                | 109              |
| General basic                            | 12.8                               | 572              |
| General secondary                        | 8.5                                | 1,014            |
| Professional primary/middle              | 12.0                               | 233              |
| Higher                                   | 11.5                               | 285              |
| <b>Wealth quintile</b>                   |                                    |                  |
| Lowest                                   | 10.0                               | 410              |
| Second                                   | 7.9                                | 425              |
| Middle                                   | 12.1                               | 460              |
| Fourth                                   | 9.4                                | 474              |
| Highest                                  | 12.5                               | 443              |
| <b>Total</b>                             | <b>10.4</b>                        | <b>2,213</b>     |
| <b>STILLBIRTHS</b>                       |                                    |                  |
| <b>Total</b>                             | <b>*</b>                           | <b>11</b>        |
| <b>LIVE BIRTHS AND STILLBIRTHS</b>       |                                    |                  |
| <b>Total</b>                             | <b>10.4</b>                        | <b>2,223</b>     |

Note: The question on C-section is asked only of women who delivered in a health facility. In this table, it is assumed that women who did not give birth in a health facility did not receive a C-section. Stillbirths are fetal deaths in pregnancies lasting 28 or more weeks. When pregnancy duration is reported in months, stillbirths are fetal deaths in pregnancies lasting 7 or more months. Total includes 2 births for which the number of antenatal care visits was not known or missing. Figures in parentheses are based on 25–49 unweighted cases. An asterisk indicates that a figure is based on fewer than 25 unweighted cases and has been suppressed.

<sup>1</sup> Birth order refers to the order of the birth among the respondent's live births.

<sup>2</sup> Includes only the most recent birth in the 2 years preceding the survey



**Table 9.10 Assistance during delivery**

Percent distribution of live births and/or stillbirths in the 2 years preceding the survey by person providing assistance during delivery and percentage assisted by a skilled provider, and among most recent live births in the 2 years preceding the survey, percentage with skin-to-skin contact immediately after birth, according to background characteristics, Tajikistan DHS 2023

| Background characteristic                | Person providing assistance during delivery |                                         |                 |                   |                                     |                    |        |       | Percent-<br>age delivered<br>by a<br>skilled<br>provider <sup>1</sup> | Number<br>of live<br>births<br>and/or<br>stillbirths | Among most recent<br>live births                                                       |                             |
|------------------------------------------|---------------------------------------------|-----------------------------------------|-----------------|-------------------|-------------------------------------|--------------------|--------|-------|-----------------------------------------------------------------------|------------------------------------------------------|----------------------------------------------------------------------------------------|-----------------------------|
|                                          | Family<br>doctor                            | Obstetri-<br>cian/<br>gynecolo-<br>gist | Other<br>doctor | Nurse/<br>midwife | Tradi-<br>tional birth<br>attendant | Relative/<br>other | No one | Total |                                                                       |                                                      | Percent-<br>age with<br>skin-to-<br>skin<br>contact<br>immedi-<br>ately after<br>birth | Number<br>of live<br>births |
|                                          |                                             |                                         |                 |                   |                                     |                    |        |       |                                                                       |                                                      |                                                                                        |                             |
| LIVE BIRTHS                              |                                             |                                         |                 |                   |                                     |                    |        |       |                                                                       |                                                      |                                                                                        |                             |
| <b>Mother's age at birth</b>             |                                             |                                         |                 |                   |                                     |                    |        |       |                                                                       |                                                      |                                                                                        |                             |
| <20                                      | 3.3                                         | 88.1                                    | 4.0             | 3.8               | 0.7                                 | 0.0                | 0.0    | 100.0 | 99.3                                                                  | 151                                                  | 70.1                                                                                   | 127                         |
| 20–34                                    | 2.7                                         | 85.8                                    | 2.6             | 6.3               | 1.2                                 | 1.3                | 0.0    | 100.0 | 97.4                                                                  | 1,875                                                | 68.4                                                                                   | 1,759                       |
| 35–49                                    | 3.7                                         | 79.7                                    | 2.7             | 12.2              | 0.9                                 | 0.0                | 0.8    | 100.0 | 98.3                                                                  | 186                                                  | 65.8                                                                                   | 181                         |
| <b>Birth order<sup>2</sup></b>           |                                             |                                         |                 |                   |                                     |                    |        |       |                                                                       |                                                      |                                                                                        |                             |
| 1                                        | 3.7                                         | 87.8                                    | 2.5             | 4.6               | 1.0                                 | 0.4                | 0.0    | 100.0 | 98.6                                                                  | 608                                                  | 67.0                                                                                   | 536                         |
| 2–3                                      | 2.6                                         | 86.2                                    | 2.8             | 6.1               | 1.1                                 | 1.1                | 0.1    | 100.0 | 97.7                                                                  | 1,145                                                | 69.6                                                                                   | 1,086                       |
| 4–5                                      | 2.3                                         | 81.3                                    | 2.3             | 10.5              | 1.4                                 | 2.3                | 0.0    | 100.0 | 96.3                                                                  | 428                                                  | 66.4                                                                                   | 411                         |
| 6+                                       | (0.0)                                       | (71.1)                                  | (9.9)           | (12.3)            | (3.5)                               | (3.3)              | (0.0)  | 100.0 | (93.3)                                                                | 32                                                   | (68.1)                                                                                 | 32                          |
| <b>Antenatal care visits<sup>3</sup></b> |                                             |                                         |                 |                   |                                     |                    |        |       |                                                                       |                                                      |                                                                                        |                             |
| None                                     | 2.1                                         | 85.1                                    | 0.5             | 7.0               | 3.4                                 | 1.8                | 0.0    | 100.0 | 94.8                                                                  | 387                                                  | 65.9                                                                                   | 387                         |
| 1–3                                      | 3.1                                         | 81.2                                    | 4.9             | 7.4               | 1.2                                 | 1.7                | 0.4    | 100.0 | 96.8                                                                  | 394                                                  | 61.0                                                                                   | 394                         |
| 4+                                       | 2.5                                         | 87.1                                    | 2.6             | 6.5               | 0.6                                 | 0.8                | 0.0    | 100.0 | 98.6                                                                  | 1,282                                                | 71.3                                                                                   | 1,282                       |
| Don't know/missing                       | *                                           | *                                       | *               | *                 | *                                   | *                  | *      | 100.0 | *                                                                     | 2                                                    | *                                                                                      | 2                           |
| <b>Place of delivery</b>                 |                                             |                                         |                 |                   |                                     |                    |        |       |                                                                       |                                                      |                                                                                        |                             |
| Health facility                          | 3.0                                         | 88.7                                    | 2.7             | 5.6               | 0.0                                 | 0.0                | 0.0    | 100.0 | 100.0                                                                 | 2,096                                                | 68.7                                                                                   | 1,952                       |
| Public sector                            | 2.9                                         | 88.8                                    | 2.7             | 5.6               | 0.0                                 | 0.0                | 0.0    | 100.0 | 100.0                                                                 | 2,093                                                | 68.7                                                                                   | 1,949                       |
| Private sector                           | *                                           | *                                       | *               | *                 | *                                   | *                  | *      | 100.0 | *                                                                     | 4                                                    | *                                                                                      | 4                           |
| Elsewhere                                | 0.0                                         | 27.7                                    | 2.6             | 24.4              | 22.4                                | 21.7               | 1.3    | 100.0 | 54.7                                                                  | 117                                                  | 60.5                                                                                   | 114                         |
| <b>Residence</b>                         |                                             |                                         |                 |                   |                                     |                    |        |       |                                                                       |                                                      |                                                                                        |                             |
| Urban                                    | 3.4                                         | 88.1                                    | 2.0             | 6.0               | 0.5                                 | 0.0                | 0.0    | 100.0 | 99.5                                                                  | 578                                                  | 65.5                                                                                   | 536                         |
| Rural                                    | 2.6                                         | 84.5                                    | 3.0             | 6.8               | 1.4                                 | 1.5                | 0.1    | 100.0 | 96.9                                                                  | 1,635                                                | 69.3                                                                                   | 1,530                       |
| <b>Region</b>                            |                                             |                                         |                 |                   |                                     |                    |        |       |                                                                       |                                                      |                                                                                        |                             |
| Dushanbe                                 | 4.7                                         | 85.1                                    | 1.6             | 8.0               | 0.6                                 | 0.0                | 0.0    | 100.0 | 99.4                                                                  | 222                                                  | 64.3                                                                                   | 208                         |
| GBAO                                     | 0.6                                         | 79.6                                    | 5.3             | 14.5              | 0.0                                 | 0.0                | 0.0    | 100.0 | 100.0                                                                 | 27                                                   | 79.7                                                                                   | 25                          |
| Sughd                                    | 2.6                                         | 93.3                                    | 1.0             | 2.2               | 0.2                                 | 0.5                | 0.2    | 100.0 | 99.1                                                                  | 620                                                  | 69.8                                                                                   | 576                         |
| DRS                                      | 3.3                                         | 73.7                                    | 8.8             | 7.7               | 2.9                                 | 3.6                | 0.0    | 100.0 | 93.4                                                                  | 501                                                  | 59.1                                                                                   | 472                         |
| Khatlon                                  | 2.3                                         | 87.0                                    | 0.6             | 8.7               | 1.0                                 | 0.5                | 0.0    | 100.0 | 98.5                                                                  | 844                                                  | 73.4                                                                                   | 785                         |
| <b>FTF districts</b>                     | 2.2                                         | 85.1                                    | 0.4             | 11.1              | 0.8                                 | 0.5                | 0.0    | 100.0 | 98.8                                                                  | 507                                                  | 72.4                                                                                   | 471                         |
| <b>Mother's education</b>                |                                             |                                         |                 |                   |                                     |                    |        |       |                                                                       |                                                      |                                                                                        |                             |
| None/primary                             | 4.7                                         | 72.4                                    | 5.0             | 13.1              | 1.7                                 | 3.0                | 0.0    | 100.0 | 95.3                                                                  | 109                                                  | 67.0                                                                                   | 103                         |
| General basic                            | 3.5                                         | 78.9                                    | 5.3             | 7.7               | 1.9                                 | 2.3                | 0.3    | 100.0 | 95.5                                                                  | 572                                                  | 64.2                                                                                   | 545                         |
| General secondary                        | 2.3                                         | 88.2                                    | 1.6             | 6.0               | 1.0                                 | 0.9                | 0.0    | 100.0 | 98.1                                                                  | 1,014                                                | 69.8                                                                                   | 934                         |
| Professional primary/<br>middle          | 2.0                                         | 92.7                                    | 0.9             | 3.8               | 0.7                                 | 0.0                | 0.0    | 100.0 | 99.3                                                                  | 233                                                  | 72.7                                                                                   | 217                         |
| Higher                                   | 3.1                                         | 87.8                                    | 2.0             | 6.5               | 0.6                                 | 0.0                | 0.0    | 100.0 | 99.4                                                                  | 285                                                  | 68.4                                                                                   | 266                         |
| <b>Wealth quintile</b>                   |                                             |                                         |                 |                   |                                     |                    |        |       |                                                                       |                                                      |                                                                                        |                             |
| Lowest                                   | 0.8                                         | 80.1                                    | 1.6             | 10.3              | 4.1                                 | 3.0                | 0.0    | 100.0 | 92.9                                                                  | 410                                                  | 66.4                                                                                   | 389                         |
| Second                                   | 2.6                                         | 82.8                                    | 1.8             | 10.5              | 0.5                                 | 1.4                | 0.3    | 100.0 | 97.7                                                                  | 425                                                  | 68.8                                                                                   | 410                         |
| Middle                                   | 3.8                                         | 85.8                                    | 2.9             | 5.9               | 0.8                                 | 0.8                | 0.0    | 100.0 | 98.4                                                                  | 460                                                  | 75.3                                                                                   | 419                         |
| Fourth                                   | 2.8                                         | 89.0                                    | 5.4             | 2.0               | 0.2                                 | 0.7                | 0.0    | 100.0 | 99.1                                                                  | 474                                                  | 64.1                                                                                   | 434                         |
| Highest                                  | 3.9                                         | 88.7                                    | 1.7             | 5.2               | 0.5                                 | 0.0                | 0.0    | 100.0 | 99.5                                                                  | 443                                                  | 66.8                                                                                   | 414                         |
| Total                                    | 2.8                                         | 85.5                                    | 2.7             | 6.6               | 1.2                                 | 1.1                | 0.1    | 100.0 | 97.6                                                                  | 2,213                                                | 68.3                                                                                   | 2,066                       |
| STILLBIRTHS                              |                                             |                                         |                 |                   |                                     |                    |        |       |                                                                       |                                                      |                                                                                        |                             |
| Total                                    | *                                           | *                                       | *               | *                 | *                                   | *                  | *      | 100.0 | *                                                                     | 11                                                   | na                                                                                     | na                          |
| LIVE BIRTHS AND STILLBIRTHS              |                                             |                                         |                 |                   |                                     |                    |        |       |                                                                       |                                                      |                                                                                        |                             |
| Total                                    | 2.8                                         | 85.5                                    | 2.7             | 6.6               | 1.2                                 | 1.1                | 0.1    | 100.0 | 97.6                                                                  | 2,223                                                | na                                                                                     | na                          |

Note: If the respondent mentioned more than one person attending during delivery, only the most qualified person is considered in this tabulation. Stillbirths are fetal deaths in pregnancies lasting 28 or more weeks. When pregnancy duration is reported in months, stillbirths are fetal deaths in pregnancies lasting 7 or more months. Total includes 2 births for which the number of antenatal care visits was not known or missing. Figures in parentheses are based on 25–49 unweighted cases. An asterisk indicates that a figure is based on fewer than 25 unweighted cases and has been suppressed.

na = not applicable

<sup>1</sup> Skilled provider includes a family doctor, obstetrician/gynecologist, other doctor, nurse, male nurse, and midwife.

<sup>2</sup> Birth order refers to the order of the birth among the respondent's live births.

<sup>3</sup> Includes only the most recent birth in the 2 years preceding the survey

**Table 9.11 Duration of stay in health facility after birth**

Among women with a live birth and/or stillbirth in the 2 years preceding the survey who delivered their most recent live birth in a health facility, percent distribution by duration of stay in the health facility following their most recent live birth, according to type of delivery, Tajikistan DHS 2023

| Type of delivery                         | <6 hours | 6–11 hours | 12–23 hours | 1–2 days | 3+ days | Total | Number of women |
|------------------------------------------|----------|------------|-------------|----------|---------|-------|-----------------|
| LIVE BIRTHS                              |          |            |             |          |         |       |                 |
| Vaginal birth                            | 2.3      | 0.4        | 0.1         | 28.9     | 68.3    | 100.0 | 1,735           |
| Cesarean section                         | 2.9      | 0.0        | 0.0         | 16.9     | 80.1    | 100.0 | 218             |
| STILLBIRTHS                              |          |            |             |          |         |       |                 |
| Vaginal birth                            | *        | *          | *           | *        | *       | 100.0 | 10              |
| Cesarean section                         | *        | *          | *           | *        | *       | 100.0 | 1               |
| LIVE BIRTHS AND STILLBIRTHS <sup>1</sup> |          |            |             |          |         |       |                 |
| Vaginal birth                            | 2.3      | 0.4        | 0.1         | 28.9     | 68.3    | 100.0 | 1,741           |
| Cesarean section                         | 2.9      | 0.0        | 0.0         | 16.9     | 80.2    | 100.0 | 218             |

Note: Stillbirths are fetal deaths in pregnancies lasting 28 or more weeks. When pregnancy duration is reported in months, stillbirths are fetal deaths in pregnancies lasting 7 or more months. An asterisk indicates that a figure is based on fewer than 25 unweighted cases and has been suppressed.

<sup>1</sup> For women who had both a live birth and a stillbirth in the 2 years preceding the survey, data are tabulated for the most recent birth only.

**Table 9.12 Timing of first postnatal check for the mother**

Among women age 15–49 with a live birth and/or stillbirth in the 2 years preceding the survey, percent distribution of the mother's first postnatal check for the most recent live birth or stillbirth by time after delivery and percentage of women with a live birth or stillbirth during the 2 years preceding the survey who received a postnatal check in the first 2 days after giving birth, according to background characteristics, Tajikistan DHS 2023

| Background characteristic                | Time after delivery of mother's first postnatal check <sup>1</sup> |            |          |          |           |                     | No postnatal check <sup>2</sup> | Total | Percentage of women with a postnatal check during the first 2 days after birth <sup>1</sup> | Number of women |
|------------------------------------------|--------------------------------------------------------------------|------------|----------|----------|-----------|---------------------|---------------------------------|-------|---------------------------------------------------------------------------------------------|-----------------|
|                                          | Less than 4 hours                                                  | 4–23 hours | 1–2 days | 3–6 days | 7–41 days | Don't know/ missing |                                 |       |                                                                                             |                 |
| LIVE BIRTHS                              |                                                                    |            |          |          |           |                     |                                 |       |                                                                                             |                 |
| Age at birth                             |                                                                    |            |          |          |           |                     |                                 |       |                                                                                             |                 |
| <20                                      | 78.5                                                               | 7.3        | 10.1     | 1.8      | 0.0       | 0.5                 | 1.8                             | 100.0 | 95.9                                                                                        | 127             |
| 20–34                                    | 74.3                                                               | 5.9        | 8.6      | 3.1      | 1.5       | 0.8                 | 5.8                             | 100.0 | 88.8                                                                                        | 1,759           |
| 35–49                                    | 76.8                                                               | 4.0        | 7.7      | 2.3      | 1.3       | 2.0                 | 5.9                             | 100.0 | 88.5                                                                                        | 181             |
| Birth order <sup>3</sup>                 |                                                                    |            |          |          |           |                     |                                 |       |                                                                                             |                 |
| 1                                        | 76.6                                                               | 6.3        | 9.5      | 2.2      | 1.0       | 0.4                 | 4.0                             | 100.0 | 92.4                                                                                        | 536             |
| 2–3                                      | 76.1                                                               | 5.6        | 7.9      | 3.0      | 1.4       | 1.1                 | 4.8                             | 100.0 | 89.7                                                                                        | 1,086           |
| 4–5                                      | 69.7                                                               | 5.9        | 9.6      | 3.9      | 1.7       | 1.0                 | 8.1                             | 100.0 | 85.2                                                                                        | 411             |
| 6+                                       | (65.7)                                                             | (2.4)      | (6.4)    | (0.0)    | (0.0)     | (0.0)               | (25.5)                          | 100.0 | (74.5)                                                                                      | 32              |
| Place of delivery                        |                                                                    |            |          |          |           |                     |                                 |       |                                                                                             |                 |
| Health facility                          | 77.0                                                               | 5.8        | 8.4      | 2.8      | 1.2       | 0.9                 | 3.8                             | 100.0 | 91.3                                                                                        | 1,952           |
| Elsewhere                                | 37.1                                                               | 5.4        | 12.0     | 5.1      | 4.2       | 0.6                 | 35.7                            | 100.0 | 54.4                                                                                        | 114             |
| Residence                                |                                                                    |            |          |          |           |                     |                                 |       |                                                                                             |                 |
| Urban                                    | 70.3                                                               | 6.5        | 10.9     | 6.0      | 2.6       | 0.8                 | 3.0                             | 100.0 | 87.6                                                                                        | 536             |
| Rural                                    | 76.4                                                               | 5.6        | 7.9      | 1.9      | 0.9       | 0.9                 | 6.5                             | 100.0 | 89.8                                                                                        | 1,530           |
| Region                                   |                                                                    |            |          |          |           |                     |                                 |       |                                                                                             |                 |
| Dushanbe                                 | 58.4                                                               | 11.4       | 12.6     | 10.1     | 3.8       | 1.0                 | 2.7                             | 100.0 | 82.3                                                                                        | 208             |
| GBAO                                     | 79.8                                                               | 6.4        | 3.3      | 3.4      | 2.0       | 0.0                 | 5.1                             | 100.0 | 89.5                                                                                        | 25              |
| Sughd                                    | 77.7                                                               | 3.3        | 13.0     | 2.3      | 1.9       | 0.0                 | 1.6                             | 100.0 | 94.1                                                                                        | 576             |
| DRS                                      | 71.2                                                               | 6.1        | 11.3     | 2.5      | 1.2       | 0.7                 | 7.1                             | 100.0 | 88.6                                                                                        | 472             |
| Khatlon                                  | 79.0                                                               | 5.9        | 3.0      | 1.7      | 0.4       | 1.6                 | 8.4                             | 100.0 | 87.9                                                                                        | 785             |
| FTF districts                            | 76.7                                                               | 7.2        | 2.4      | 1.4      | 0.3       | 2.6                 | 9.3                             | 100.0 | 86.4                                                                                        | 471             |
| Education                                |                                                                    |            |          |          |           |                     |                                 |       |                                                                                             |                 |
| None/primary                             | 68.6                                                               | 5.2        | 15.1     | 2.0      | 1.6       | 0.0                 | 7.6                             | 100.0 | 88.9                                                                                        | 103             |
| General basic                            | 70.6                                                               | 5.8        | 9.9      | 3.4      | 1.3       | 0.7                 | 8.4                             | 100.0 | 86.3                                                                                        | 545             |
| General secondary                        | 76.8                                                               | 6.4        | 6.7      | 2.0      | 1.4       | 1.3                 | 5.3                             | 100.0 | 89.9                                                                                        | 934             |
| Professional primary/ middle             | 76.9                                                               | 5.1        | 10.0     | 5.0      | 0.6       | 0.6                 | 1.9                             | 100.0 | 91.9                                                                                        | 217             |
| Higher                                   | 77.1                                                               | 4.5        | 9.4      | 3.8      | 1.8       | 0.2                 | 3.3                             | 100.0 | 90.9                                                                                        | 266             |
| Wealth quintile                          |                                                                    |            |          |          |           |                     |                                 |       |                                                                                             |                 |
| Lowest                                   | 74.6                                                               | 5.7        | 5.1      | 1.8      | 1.7       | 0.6                 | 10.5                            | 100.0 | 85.4                                                                                        | 389             |
| Second                                   | 78.3                                                               | 3.7        | 8.2      | 1.5      | 0.0       | 1.8                 | 6.5                             | 100.0 | 90.2                                                                                        | 410             |
| Middle                                   | 78.9                                                               | 5.3        | 8.5      | 1.6      | 0.8       | 0.9                 | 4.1                             | 100.0 | 92.6                                                                                        | 419             |
| Fourth                                   | 74.7                                                               | 6.0        | 9.2      | 2.8      | 2.4       | 0.4                 | 4.5                             | 100.0 | 89.9                                                                                        | 434             |
| Highest                                  | 67.5                                                               | 8.3        | 11.9     | 7.0      | 1.8       | 0.7                 | 2.7                             | 100.0 | 87.8                                                                                        | 414             |
| Total                                    | 74.8                                                               | 5.8        | 8.6      | 2.9      | 1.4       | 0.9                 | 5.6                             | 100.0 | 89.2                                                                                        | 2,066           |
| STILLBIRTHS                              |                                                                    |            |          |          |           |                     |                                 |       |                                                                                             |                 |
| Total                                    | *                                                                  | *          | *        | *        | *         | *                   | *                               | 100.0 | *                                                                                           | 11              |
| LIVE BIRTHS AND STILLBIRTHS <sup>4</sup> |                                                                    |            |          |          |           |                     |                                 |       |                                                                                             |                 |
| Total                                    | 74.9                                                               | 5.8        | 8.6      | 2.9      | 1.4       | 0.9                 | 5.6                             | 100.0 | 89.3                                                                                        | 2,073           |

Note: Stillbirths are fetal deaths in pregnancies lasting 28 or more weeks. When pregnancy duration is reported in months, stillbirths are fetal deaths in pregnancies lasting 7 or more months. Figures in parentheses are based on 25–49 unweighted cases. An asterisk indicates that a figure is based on fewer than 25 unweighted cases and has been suppressed.

<sup>1</sup> Includes women who received a check from a family doctor, obstetrician/gynecologist, other doctor, nurse, male nurse, midwife, or traditional birth attendant

<sup>2</sup> Includes women who received a check after 41 days

<sup>3</sup> Birth order refers to the order of the birth among the respondent's live births.

<sup>4</sup> For women who had both a live birth and a stillbirth in the 2 years preceding the survey, data are tabulated for the most recent birth only.

**Table 9.13 Type of provider of first postnatal check for the mother**

Among women age 15–49 with a live birth and/or stillbirth in the 2 years preceding the survey, percent distribution by type of provider for the mother's first postnatal health check during the 2 days after the most recent live birth, according to background characteristics, Tajikistan DHS 2023

| Background characteristic                | Type of health provider of mother's first postnatal check |                            |              |                |                             | No postnatal check during the first 2 days after birth | Total | Number of women |
|------------------------------------------|-----------------------------------------------------------|----------------------------|--------------|----------------|-----------------------------|--------------------------------------------------------|-------|-----------------|
|                                          | Family doctor                                             | Obstetrician/ gynecologist | Other doctor | Nurse/ midwife | Traditional birth attendant |                                                        |       |                 |
| LIVE BIRTHS                              |                                                           |                            |              |                |                             |                                                        |       |                 |
| Age at birth                             |                                                           |                            |              |                |                             |                                                        |       |                 |
| <20                                      | 3.6                                                       | 56.5                       | 13.0         | 22.8           | 0.0                         | 4.1                                                    | 100.0 | 127             |
| 20–34                                    | 1.9                                                       | 56.0                       | 12.9         | 17.7           | 0.4                         | 11.2                                                   | 100.0 | 1,759           |
| 35–49                                    | 0.6                                                       | 54.8                       | 13.3         | 18.8           | 1.1                         | 11.5                                                   | 100.0 | 181             |
| Birth order <sup>1</sup>                 |                                                           |                            |              |                |                             |                                                        |       |                 |
| 1                                        | 2.4                                                       | 59.1                       | 12.1         | 18.7           | 0.0                         | 7.6                                                    | 100.0 | 536             |
| 2–3                                      | 2.1                                                       | 55.5                       | 13.3         | 18.1           | 0.6                         | 10.3                                                   | 100.0 | 1,086           |
| 4–5                                      | 0.9                                                       | 53.9                       | 12.8         | 17.2           | 0.5                         | 14.8                                                   | 100.0 | 411             |
| 6+                                       | (0.0)                                                     | (44.6)                     | (14.1)       | (15.8)         | (0.0)                       | (25.5)                                                 | 100.0 | 32              |
| Place of delivery                        |                                                           |                            |              |                |                             |                                                        |       |                 |
| Health facility                          | 1.9                                                       | 57.6                       | 13.5         | 18.2           | 0.1                         | 8.7                                                    | 100.0 | 1,952           |
| Elsewhere                                | 0.9                                                       | 27.1                       | 3.3          | 16.3           | 6.8                         | 45.6                                                   | 100.0 | 114             |
| Residence                                |                                                           |                            |              |                |                             |                                                        |       |                 |
| Urban                                    | 2.0                                                       | 56.5                       | 15.2         | 13.8           | 0.0                         | 12.4                                                   | 100.0 | 536             |
| Rural                                    | 1.8                                                       | 55.7                       | 12.1         | 19.6           | 0.6                         | 10.2                                                   | 100.0 | 1,530           |
| Region                                   |                                                           |                            |              |                |                             |                                                        |       |                 |
| Dushanbe                                 | 4.4                                                       | 52.3                       | 20.5         | 5.2            | 0.0                         | 17.7                                                   | 100.0 | 208             |
| GBAO                                     | 0.0                                                       | 64.9                       | 19.6         | 4.9            | 0.0                         | 10.5                                                   | 100.0 | 25              |
| Sughd                                    | 2.2                                                       | 60.2                       | 11.5         | 19.9           | 0.2                         | 5.9                                                    | 100.0 | 576             |
| DRS                                      | 1.6                                                       | 51.3                       | 25.0         | 9.1            | 1.6                         | 11.4                                                   | 100.0 | 472             |
| Khatlon                                  | 1.2                                                       | 56.3                       | 4.5          | 25.9           | 0.0                         | 12.1                                                   | 100.0 | 785             |
| FTF districts                            | 1.1                                                       | 48.5                       | 4.6          | 32.1           | 0.0                         | 13.6                                                   | 100.0 | 471             |
| Education                                |                                                           |                            |              |                |                             |                                                        |       |                 |
| None/primary                             | 2.8                                                       | 43.0                       | 11.0         | 32.0           | 0.0                         | 11.1                                                   | 100.0 | 103             |
| General basic                            | 3.0                                                       | 51.0                       | 17.8         | 13.8           | 0.6                         | 13.7                                                   | 100.0 | 545             |
| General secondary                        | 1.4                                                       | 57.6                       | 9.4          | 20.9           | 0.6                         | 10.1                                                   | 100.0 | 934             |
| Professional primary/ middle             | 1.1                                                       | 69.0                       | 9.5          | 12.3           | 0.0                         | 8.1                                                    | 100.0 | 217             |
| Higher                                   | 1.6                                                       | 54.6                       | 18.8         | 15.9           | 0.0                         | 9.1                                                    | 100.0 | 266             |
| Wealth quintile                          |                                                           |                            |              |                |                             |                                                        |       |                 |
| Lowest                                   | 0.5                                                       | 58.2                       | 6.9          | 19.0           | 0.8                         | 14.6                                                   | 100.0 | 389             |
| Second                                   | 1.4                                                       | 53.5                       | 12.0         | 22.7           | 0.5                         | 9.8                                                    | 100.0 | 410             |
| Middle                                   | 2.5                                                       | 57.5                       | 11.5         | 20.6           | 0.5                         | 7.4                                                    | 100.0 | 419             |
| Fourth                                   | 2.5                                                       | 52.0                       | 18.7         | 16.4           | 0.2                         | 10.1                                                   | 100.0 | 434             |
| Highest                                  | 2.2                                                       | 58.8                       | 14.9         | 11.8           | 0.0                         | 12.2                                                   | 100.0 | 414             |
| Total                                    | 1.9                                                       | 55.9                       | 12.9         | 18.1           | 0.4                         | 10.8                                                   | 100.0 | 2,066           |
| STILLBIRTHS                              |                                                           |                            |              |                |                             |                                                        |       |                 |
| Total                                    | *                                                         | *                          | *            | *              | *                           | *                                                      | 100.0 | 11              |
| LIVE BIRTHS AND STILLBIRTHS <sup>2</sup> |                                                           |                            |              |                |                             |                                                        |       |                 |
| Total                                    | 1.9                                                       | 56.1                       | 12.8         | 18.1           | 0.4                         | 10.7                                                   | 100.0 | 2,073           |

Note: Stillbirths are fetal deaths in pregnancies lasting 28 or more weeks. When pregnancy duration is reported in months, stillbirths are fetal deaths in pregnancies lasting 7 or more months. Figures in parentheses are based on 25–49 unweighted cases. An asterisk indicates that a figure is based on fewer than 25 unweighted cases and has been suppressed.

<sup>1</sup> Birth order refers to the order of the birth among the respondent's live births.

<sup>2</sup> For women who had both a live birth and a stillbirth in the 2 years preceding the survey, data are tabulated for the most recent birth only.

**Table 9.14 Content of postnatal care for the mother**

Among women age 15–49 with a live birth and/or stillbirth in the 2 years preceding the survey, percentage for whom selected checks were performed during the first 2 days after the most recent birth, according to background characteristics, Tajikistan DHS 2023

| Background characteristic                | Percentage for whom during the first 2 days after the most recent birth, any health care provider: |                            |                           | Percentage with all three checks performed in the first 2 days after birth | Number of women |
|------------------------------------------|----------------------------------------------------------------------------------------------------|----------------------------|---------------------------|----------------------------------------------------------------------------|-----------------|
|                                          | Measured blood pressure                                                                            | Discussed vaginal bleeding | Discussed family planning |                                                                            |                 |
| LIVE BIRTHS                              |                                                                                                    |                            |                           |                                                                            |                 |
| Age at birth                             |                                                                                                    |                            |                           |                                                                            |                 |
| <20                                      | 92.0                                                                                               | 90.1                       | 81.3                      | 81.3                                                                       | 127             |
| 20–34                                    | 92.6                                                                                               | 89.7                       | 80.6                      | 78.9                                                                       | 1,759           |
| 35–49                                    | 91.6                                                                                               | 89.1                       | 75.0                      | 74.1                                                                       | 181             |
| Birth order <sup>1</sup>                 |                                                                                                    |                            |                           |                                                                            |                 |
| 1                                        | 92.1                                                                                               | 90.2                       | 83.5                      | 80.8                                                                       | 536             |
| 2–3                                      | 94.0                                                                                               | 91.2                       | 80.9                      | 79.7                                                                       | 1,086           |
| 4–5                                      | 90.6                                                                                               | 86.3                       | 74.8                      | 74.0                                                                       | 411             |
| 6+                                       | (70.7)                                                                                             | (70.7)                     | (67.5)                    | (67.5)                                                                     | 32              |
| Place of delivery                        |                                                                                                    |                            |                           |                                                                            |                 |
| Health facility                          | 94.3                                                                                               | 91.4                       | 82.3                      | 80.8                                                                       | 1,952           |
| Public sector                            | 94.3                                                                                               | 91.5                       | 82.5                      | 80.9                                                                       | 1,949           |
| Private sector                           | *                                                                                                  | *                          | *                         | *                                                                          | 4               |
| Elsewhere                                | 61.2                                                                                               | 59.0                       | 42.6                      | 42.6                                                                       | 114             |
| Residence                                |                                                                                                    |                            |                           |                                                                            |                 |
| Urban                                    | 94.3                                                                                               | 91.1                       | 84.2                      | 82.0                                                                       | 536             |
| Rural                                    | 91.8                                                                                               | 89.1                       | 78.8                      | 77.5                                                                       | 1,530           |
| Region                                   |                                                                                                    |                            |                           |                                                                            |                 |
| Dushanbe                                 | 98.3                                                                                               | 96.6                       | 90.9                      | 89.9                                                                       | 208             |
| GBAO                                     | 90.0                                                                                               | 86.1                       | 66.0                      | 64.5                                                                       | 25              |
| Sughd                                    | 95.6                                                                                               | 92.0                       | 79.7                      | 77.4                                                                       | 576             |
| DRS                                      | 83.1                                                                                               | 79.4                       | 65.1                      | 64.5                                                                       | 472             |
| Khatlon                                  | 94.4                                                                                               | 92.3                       | 87.1                      | 85.6                                                                       | 785             |
| FTF districts                            | 95.2                                                                                               | 92.8                       | 87.7                      | 85.9                                                                       | 471             |
| Mother's education                       |                                                                                                    |                            |                           |                                                                            |                 |
| None/primary                             | 91.0                                                                                               | 86.0                       | 76.6                      | 76.6                                                                       | 103             |
| General basic                            | 87.3                                                                                               | 84.3                       | 75.2                      | 73.9                                                                       | 545             |
| General secondary                        | 93.6                                                                                               | 91.1                       | 80.7                      | 79.4                                                                       | 934             |
| Professional primary/                    |                                                                                                    |                            |                           |                                                                            |                 |
| middle                                   | 97.5                                                                                               | 93.9                       | 87.1                      | 86.2                                                                       | 217             |
| Higher                                   | 95.5                                                                                               | 93.7                       | 84.0                      | 80.5                                                                       | 266             |
| Wealth quintile                          |                                                                                                    |                            |                           |                                                                            |                 |
| Lowest                                   | 85.7                                                                                               | 83.0                       | 72.4                      | 71.6                                                                       | 389             |
| Second                                   | 90.1                                                                                               | 86.1                       | 76.3                      | 75.1                                                                       | 410             |
| Middle                                   | 93.8                                                                                               | 91.2                       | 78.5                      | 76.8                                                                       | 419             |
| Fourth                                   | 96.4                                                                                               | 92.8                       | 84.6                      | 82.8                                                                       | 434             |
| Highest                                  | 95.6                                                                                               | 94.7                       | 88.3                      | 86.4                                                                       | 414             |
| Total                                    | 92.5                                                                                               | 89.6                       | 80.2                      | 78.7                                                                       | 2,066           |
| STILLBIRTHS                              |                                                                                                    |                            |                           |                                                                            |                 |
| Total                                    | *                                                                                                  | *                          | *                         | *                                                                          | 11              |
| LIVE BIRTHS AND STILLBIRTHS <sup>2</sup> |                                                                                                    |                            |                           |                                                                            |                 |
| Total                                    | 92.5                                                                                               | 89.7                       | 80.2                      | 78.7                                                                       | 2,073           |

Note: Stillbirths are fetal deaths in pregnancies lasting 28 or more weeks. When pregnancy duration is reported in months, stillbirths are fetal deaths in pregnancies lasting 7 or more months. Figures in parentheses are based on 25–49 unweighted cases. An asterisk indicates that a figure is based on fewer than 25 unweighted cases and has been suppressed.

<sup>1</sup> Birth order refers to the order of the birth among the respondent's live births.

<sup>2</sup> For women who had both a live birth and a stillbirth in the 2 years preceding the survey, data are tabulated for the most recent birth only.

**Table 9.15 Timing of first postnatal check for the newborn**

Percent distribution of most recent live births in the 2 years preceding the survey by time after birth of first postnatal check, and percentage of births with a postnatal check during the first 2 days after birth, according to background characteristics, Tajikistan DHS 2023

| Background characteristic      | Time after delivery of newborn's first postnatal check <sup>1</sup> |           |            |          |          |            | No postnatal check <sup>2</sup> | Total | Percentage of births with a postnatal check during the first 2 days after birth <sup>1</sup> | Number of births |
|--------------------------------|---------------------------------------------------------------------|-----------|------------|----------|----------|------------|---------------------------------|-------|----------------------------------------------------------------------------------------------|------------------|
|                                | Less than 1 hour                                                    | 1–3 hours | 4–23 hours | 1–2 days | 3–6 days | Don't know |                                 |       |                                                                                              |                  |
| <b>Mother's age at birth</b>   |                                                                     |           |            |          |          |            |                                 |       |                                                                                              |                  |
| <20                            | 11.6                                                                | 60.4      | 6.9        | 6.9      | 1.3      | 2.5        | 10.3                            | 100.0 | 85.9                                                                                         | 127              |
| 20–34                          | 10.2                                                                | 61.6      | 5.7        | 7.6      | 4.6      | 1.2        | 9.1                             | 100.0 | 85.1                                                                                         | 1,759            |
| 35–49                          | 10.5                                                                | 59.4      | 7.9        | 6.5      | 4.8      | 2.1        | 8.8                             | 100.0 | 84.3                                                                                         | 181              |
| <b>Birth order<sup>3</sup></b> |                                                                     |           |            |          |          |            |                                 |       |                                                                                              |                  |
| 1                              | 11.1                                                                | 58.8      | 5.9        | 8.3      | 4.0      | 1.5        | 10.3                            | 100.0 | 84.1                                                                                         | 536              |
| 2–3                            | 9.4                                                                 | 64.2      | 5.3        | 7.0      | 4.3      | 1.5        | 8.3                             | 100.0 | 85.9                                                                                         | 1,086            |
| 4–5                            | 12.1                                                                | 57.1      | 7.9        | 7.8      | 5.4      | 0.9        | 8.7                             | 100.0 | 85.0                                                                                         | 411              |
| 6+                             | (3.2)                                                               | (58.9)    | (7.3)      | (5.6)    | (2.3)    | (2.3)      | (20.5)                          | 100.0 | (74.9)                                                                                       | 32               |
| <b>Place of delivery</b>       |                                                                     |           |            |          |          |            |                                 |       |                                                                                              |                  |
| Health facility                | 10.6                                                                | 63.3      | 5.9        | 7.0      | 4.3      | 1.5        | 7.5                             | 100.0 | 86.7                                                                                         | 1,952            |
| Elsewhere                      | 5.3                                                                 | 27.9      | 7.9        | 15.6     | 7.0      | 0.0        | 36.2                            | 100.0 | 56.8                                                                                         | 114              |
| <b>Residence</b>               |                                                                     |           |            |          |          |            |                                 |       |                                                                                              |                  |
| Urban                          | 7.9                                                                 | 57.9      | 5.7        | 8.9      | 9.1      | 1.1        | 9.4                             | 100.0 | 80.4                                                                                         | 536              |
| Rural                          | 11.2                                                                | 62.5      | 6.1        | 7.0      | 2.8      | 1.5        | 9.0                             | 100.0 | 86.7                                                                                         | 1,530            |
| <b>Region</b>                  |                                                                     |           |            |          |          |            |                                 |       |                                                                                              |                  |
| Dushanbe                       | 7.6                                                                 | 47.2      | 8.4        | 11.1     | 14.8     | 1.6        | 9.3                             | 100.0 | 74.3                                                                                         | 208              |
| GBAO                           | 4.5                                                                 | 73.4      | 4.1        | 6.8      | 6.1      | 0.8        | 4.4                             | 100.0 | 88.8                                                                                         | 25               |
| Sughd                          | 15.7                                                                | 56.4      | 3.5        | 8.0      | 4.5      | 0.6        | 11.4                            | 100.0 | 83.5                                                                                         | 576              |
| DRS                            | 11.6                                                                | 55.0      | 6.8        | 12.5     | 3.8      | 1.3        | 8.9                             | 100.0 | 86.0                                                                                         | 472              |
| Khatlon                        | 6.5                                                                 | 72.1      | 6.7        | 3.2      | 1.9      | 2.0        | 7.7                             | 100.0 | 88.4                                                                                         | 785              |
| <b>FTF districts</b>           | 4.0                                                                 | 74.2      | 6.9        | 2.6      | 0.4      | 3.4        | 8.5                             | 100.0 | 87.7                                                                                         | 471              |
| <b>Mother's education</b>      |                                                                     |           |            |          |          |            |                                 |       |                                                                                              |                  |
| None/primary                   | 12.7                                                                | 50.4      | 8.7        | 13.6     | 2.3      | 0.0        | 12.4                            | 100.0 | 85.3                                                                                         | 103              |
| General basic                  | 11.8                                                                | 57.4      | 5.7        | 8.6      | 5.1      | 1.3        | 10.3                            | 100.0 | 83.4                                                                                         | 545              |
| General secondary              | 7.8                                                                 | 65.5      | 7.0        | 5.0      | 3.3      | 1.9        | 9.5                             | 100.0 | 85.3                                                                                         | 934              |
| Professional primary/ middle   | 10.2                                                                | 62.7      | 3.8        | 10.1     | 6.4      | 1.1        | 5.7                             | 100.0 | 86.8                                                                                         | 217              |
| Higher                         | 15.1                                                                | 58.0      | 3.7        | 9.7      | 6.0      | 0.4        | 7.1                             | 100.0 | 86.5                                                                                         | 266              |
| <b>Wealth quintile</b>         |                                                                     |           |            |          |          |            |                                 |       |                                                                                              |                  |
| Lowest                         | 12.7                                                                | 59.0      | 7.4        | 5.3      | 2.3      | 0.7        | 12.7                            | 100.0 | 84.3                                                                                         | 389              |
| Second                         | 6.6                                                                 | 68.9      | 4.5        | 8.4      | 2.1      | 2.1        | 7.4                             | 100.0 | 88.4                                                                                         | 410              |
| Middle                         | 7.8                                                                 | 68.2      | 6.8        | 6.5      | 3.7      | 1.2        | 5.7                             | 100.0 | 89.4                                                                                         | 419              |
| Fourth                         | 11.8                                                                | 58.3      | 5.2        | 7.5      | 3.1      | 1.6        | 12.5                            | 100.0 | 82.8                                                                                         | 434              |
| Highest                        | 12.6                                                                | 52.1      | 6.2        | 9.7      | 10.7     | 1.4        | 7.4                             | 100.0 | 80.6                                                                                         | 414              |
| <b>Total</b>                   | 10.3                                                                | 61.3      | 6.0        | 7.5      | 4.4      | 1.4        | 9.1                             | 100.0 | 85.1                                                                                         | 2,066            |

Note: Figures in parentheses are based on 25–49 unweighted cases.

<sup>1</sup> Includes newborns who received a check from a family doctor, obstetrician/gynecologist, other doctor, nurse, male nurse, midwife, or traditional birth attendant

<sup>2</sup> Includes newborns who received a check after the first week of life

<sup>3</sup> Birth order refers to the order of the birth among the respondent's live births.

**Table 9.16 Type of provider of first postnatal check for the newborn**

Percent distribution of most recent live births in the 2 years preceding the survey by type of provider of the newborn's first postnatal health check during the 2 days after the most recent live birth, according to background characteristics, Tajikistan DHS 2023

| Background characteristic      | Type of health provider of newborn's first postnatal check |                           |              |               |                             | No postnatal check during the first 2 days after birth | Total | Number of births |
|--------------------------------|------------------------------------------------------------|---------------------------|--------------|---------------|-----------------------------|--------------------------------------------------------|-------|------------------|
|                                | Family doctor                                              | Obstetrician/gynecologist | Other doctor | Nurse/midwife | Traditional birth attendant |                                                        |       |                  |
| <b>Mother's age at birth</b>   |                                                            |                           |              |               |                             |                                                        |       |                  |
| <20                            | 2.8                                                        | 6.2                       | 61.0         | 15.9          | 0.0                         | 14.1                                                   | 100.0 | 127              |
| 20–34                          | 2.1                                                        | 8.6                       | 57.3         | 16.6          | 0.5                         | 15.0                                                   | 100.0 | 1,759            |
| 35–49                          | 2.2                                                        | 12.9                      | 53.5         | 14.3          | 1.5                         | 15.7                                                   | 100.0 | 181              |
| <b>Birth order<sup>1</sup></b> |                                                            |                           |              |               |                             |                                                        |       |                  |
| 1                              | 2.5                                                        | 7.1                       | 59.6         | 14.6          | 0.2                         | 15.9                                                   | 100.0 | 536              |
| 2–3                            | 2.4                                                        | 8.5                       | 56.3         | 18.0          | 0.6                         | 14.1                                                   | 100.0 | 1,086            |
| 4–5                            | 1.1                                                        | 12.0                      | 56.5         | 14.4          | 0.6                         | 15.4                                                   | 100.0 | 411              |
| 6+                             | (0.0)                                                      | (7.4)                     | (54.1)       | (13.5)        | (0.0)                       | (25.1)                                                 | 100.0 | 32               |
| <b>Place of delivery</b>       |                                                            |                           |              |               |                             |                                                        |       |                  |
| Health facility                | 2.1                                                        | 8.6                       | 59.5         | 16.3          | 0.1                         | 13.4                                                   | 100.0 | 1,952            |
| Elsewhere                      | 2.3                                                        | 13.3                      | 17.4         | 16.8          | 7.0                         | 43.2                                                   | 100.0 | 114              |
| <b>Residence</b>               |                                                            |                           |              |               |                             |                                                        |       |                  |
| Urban                          | 2.5                                                        | 9.5                       | 57.1         | 11.3          | 0.0                         | 19.6                                                   | 100.0 | 536              |
| Rural                          | 2.0                                                        | 8.6                       | 57.2         | 18.1          | 0.7                         | 13.4                                                   | 100.0 | 1,530            |
| <b>Region</b>                  |                                                            |                           |              |               |                             |                                                        |       |                  |
| Dushanbe                       | 4.7                                                        | 9.9                       | 53.6         | 6.1           | 0.0                         | 25.7                                                   | 100.0 | 208              |
| GBAO                           | 2.6                                                        | 2.2                       | 79.4         | 4.5           | 0.0                         | 11.2                                                   | 100.0 | 25               |
| Sughd                          | 1.7                                                        | 7.7                       | 53.4         | 20.1          | 0.2                         | 16.9                                                   | 100.0 | 576              |
| DRS                            | 1.8                                                        | 16.3                      | 58.5         | 7.7           | 1.6                         | 14.0                                                   | 100.0 | 472              |
| Khatlon                        | 1.9                                                        | 5.1                       | 59.4         | 21.9          | 0.2                         | 11.6                                                   | 100.0 | 785              |
| <b>FTF districts</b>           | 1.4                                                        | 2.7                       | 55.8         | 27.8          | 0.0                         | 12.3                                                   | 100.0 | 471              |
| <b>Mother's education</b>      |                                                            |                           |              |               |                             |                                                        |       |                  |
| None/primary                   | 2.3                                                        | 12.0                      | 49.6         | 21.4          | 0.0                         | 14.7                                                   | 100.0 | 103              |
| General basic                  | 2.7                                                        | 11.2                      | 56.3         | 12.2          | 0.8                         | 16.9                                                   | 100.0 | 545              |
| General secondary              | 1.4                                                        | 7.2                       | 55.9         | 20.2          | 0.5                         | 14.8                                                   | 100.0 | 934              |
| Professional primary/middle    | 2.1                                                        | 7.9                       | 64.4         | 11.7          | 0.7                         | 13.2                                                   | 100.0 | 217              |
| Higher                         | 3.4                                                        | 9.4                       | 60.6         | 13.1          | 0.0                         | 13.5                                                   | 100.0 | 266              |
| <b>Wealth quintile</b>         |                                                            |                           |              |               |                             |                                                        |       |                  |
| Lowest                         | 2.0                                                        | 13.3                      | 52.5         | 15.3          | 1.1                         | 15.7                                                   | 100.0 | 389              |
| Second                         | 2.2                                                        | 6.3                       | 58.7         | 20.4          | 0.7                         | 11.6                                                   | 100.0 | 410              |
| Middle                         | 1.3                                                        | 7.7                       | 60.2         | 19.6          | 0.5                         | 10.6                                                   | 100.0 | 419              |
| Fourth                         | 1.9                                                        | 8.3                       | 55.2         | 16.6          | 0.2                         | 17.7                                                   | 100.0 | 434              |
| Highest                        | 3.0                                                        | 8.9                       | 59.0         | 9.7           | 0.0                         | 19.4                                                   | 100.0 | 414              |
| <b>Total</b>                   | 2.1                                                        | 8.8                       | 57.2         | 16.4          | 0.5                         | 15.0                                                   | 100.0 | 2,066            |

Note: Figures in parentheses are based on 25–49 unweighted cases.

<sup>1</sup> Birth order refers to the order of the birth among the respondent's live births.

**Table 9.17 Content of postnatal care for newborns**

Among most recent live births in the 2 years preceding the survey, percentage for whom selected functions were performed during the first 2 days after birth and percentage with five signal functions performed during the first 2 days after birth, according to background characteristics, Tajikistan DHS 2023

| Background characteristic      | Percentage of most recent live births for whom a health care provider performed the selected functions during the first 2 days after birth: |                      |                                                                            |                                   |                               |                                                                   |                      | Percentage with five <sup>2</sup> signal functions performed during the first 2 days after birth | Number of births |
|--------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------|----------------------|----------------------------------------------------------------------------|-----------------------------------|-------------------------------|-------------------------------------------------------------------|----------------------|--------------------------------------------------------------------------------------------------|------------------|
|                                | Cord examined                                                                                                                               | Temperature measured | Mother told how to recognize if the baby needs immediate medical attention | Mother counseled on breastfeeding | Mother observed breastfeeding | Mother both counseled on breastfeeding and observed breastfeeding | Weighed <sup>1</sup> |                                                                                                  |                  |
| <b>Mother's age at birth</b>   |                                                                                                                                             |                      |                                                                            |                                   |                               |                                                                   |                      |                                                                                                  |                  |
| <20                            | 92.6                                                                                                                                        | 92.6                 | 81.0                                                                       | 90.7                              | 84.6                          | 84.6                                                              | 100.0                | 81.0                                                                                             | 127              |
| 20–34                          | 94.2                                                                                                                                        | 94.3                 | 80.9                                                                       | 90.1                              | 85.0                          | 83.8                                                              | 95.4                 | 76.7                                                                                             | 1,759            |
| 35–49                          | 92.5                                                                                                                                        | 93.4                 | 77.5                                                                       | 88.4                              | 84.4                          | 82.1                                                              | 94.2                 | 74.1                                                                                             | 181              |
| <b>Birth order<sup>3</sup></b> |                                                                                                                                             |                      |                                                                            |                                   |                               |                                                                   |                      |                                                                                                  |                  |
| 1                              | 93.6                                                                                                                                        | 93.2                 | 79.9                                                                       | 90.3                              | 87.5                          | 86.3                                                              | 98.6                 | 78.4                                                                                             | 536              |
| 2–3                            | 95.6                                                                                                                                        | 95.9                 | 82.0                                                                       | 91.6                              | 85.6                          | 84.7                                                              | 96.0                 | 78.0                                                                                             | 1,086            |
| 4–5                            | 91.1                                                                                                                                        | 91.9                 | 79.4                                                                       | 86.3                              | 81.3                          | 79.5                                                              | 91.2                 | 72.5                                                                                             | 411              |
| 6+                             | (81.4)                                                                                                                                      | (77.8)               | (64.5)                                                                     | (75.8)                            | (62.2)                        | (62.2)                                                            | (90.0)               | (61.3)                                                                                           | 32               |
| <b>Place of delivery</b>       |                                                                                                                                             |                      |                                                                            |                                   |                               |                                                                   |                      |                                                                                                  |                  |
| Health facility                | 95.8                                                                                                                                        | 95.9                 | 82.0                                                                       | 91.6                              | 86.3                          | 85.2                                                              | 98.0                 | 79.1                                                                                             | 1,952            |
| Elsewhere                      | 61.8                                                                                                                                        | 63.8                 | 56.6                                                                       | 61.9                              | 61.4                          | 58.1                                                              | 53.6                 | 35.3                                                                                             | 114              |
| <b>Residence</b>               |                                                                                                                                             |                      |                                                                            |                                   |                               |                                                                   |                      |                                                                                                  |                  |
| Urban                          | 96.0                                                                                                                                        | 96.7                 | 77.9                                                                       | 93.9                              | 90.1                          | 89.2                                                              | 99.0                 | 77.0                                                                                             | 536              |
| Rural                          | 93.2                                                                                                                                        | 93.3                 | 81.6                                                                       | 88.6                              | 83.1                          | 81.8                                                              | 94.4                 | 76.6                                                                                             | 1,530            |
| <b>Region</b>                  |                                                                                                                                             |                      |                                                                            |                                   |                               |                                                                   |                      |                                                                                                  |                  |
| Dushanbe                       | 98.4                                                                                                                                        | 98.4                 | 72.7                                                                       | 98.6                              | 96.8                          | 96.2                                                              | 99.2                 | 72.5                                                                                             | 208              |
| GBAO                           | 96.9                                                                                                                                        | 96.9                 | 79.3                                                                       | 88.6                              | 93.3                          | 87.1                                                              | 95.2                 | 72.9                                                                                             | 25               |
| Sughd                          | 96.8                                                                                                                                        | 97.1                 | 85.3                                                                       | 92.4                              | 84.2                          | 83.7                                                              | 97.5                 | 82.3                                                                                             | 576              |
| DRS                            | 83.7                                                                                                                                        | 84.1                 | 72.6                                                                       | 79.0                              | 74.8                          | 73.4                                                              | 92.2                 | 68.3                                                                                             | 472              |
| Khatlon                        | 96.8                                                                                                                                        | 96.8                 | 84.2                                                                       | 92.6                              | 88.1                          | 86.6                                                              | 95.3                 | 78.9                                                                                             | 785              |
| <b>FTF districts</b>           | 97.1                                                                                                                                        | 97.5                 | 85.8                                                                       | 93.4                              | 86.3                          | 84.9                                                              | 94.0                 | 79.1                                                                                             | 471              |
| <b>Mother's education</b>      |                                                                                                                                             |                      |                                                                            |                                   |                               |                                                                   |                      |                                                                                                  |                  |
| None/primary                   | 83.9                                                                                                                                        | 87.1                 | 70.5                                                                       | 80.0                              | 74.5                          | 72.4                                                              | 88.1                 | 65.1                                                                                             | 103              |
| General basic                  | 90.0                                                                                                                                        | 90.1                 | 76.4                                                                       | 85.5                              | 80.1                          | 79.0                                                              | 92.1                 | 70.5                                                                                             | 545              |
| General secondary              | 95.1                                                                                                                                        | 95.2                 | 82.4                                                                       | 90.9                              | 85.0                          | 83.6                                                              | 96.9                 | 78.6                                                                                             | 934              |
| Professional primary/ middle   | 97.7                                                                                                                                        | 97.4                 | 87.7                                                                       | 94.9                              | 93.1                          | 92.2                                                              | 98.7                 | 85.5                                                                                             | 217              |
| Higher                         | 98.7                                                                                                                                        | 98.7                 | 81.4                                                                       | 96.0                              | 92.0                          | 91.4                                                              | 98.5                 | 80.3                                                                                             | 266              |
| <b>Wealth quintile</b>         |                                                                                                                                             |                      |                                                                            |                                   |                               |                                                                   |                      |                                                                                                  |                  |
| Lowest                         | 87.5                                                                                                                                        | 88.0                 | 77.6                                                                       | 82.1                              | 78.3                          | 76.7                                                              | 89.5                 | 70.0                                                                                             | 389              |
| Second                         | 91.7                                                                                                                                        | 92.0                 | 79.5                                                                       | 86.7                              | 81.3                          | 79.2                                                              | 94.9                 | 75.8                                                                                             | 410              |
| Middle                         | 95.3                                                                                                                                        | 95.4                 | 81.1                                                                       | 91.1                              | 82.6                          | 81.7                                                              | 97.4                 | 78.0                                                                                             | 419              |
| Fourth                         | 97.4                                                                                                                                        | 97.4                 | 84.6                                                                       | 93.4                              | 89.0                          | 88.3                                                              | 96.4                 | 79.9                                                                                             | 434              |
| Highest                        | 97.3                                                                                                                                        | 97.4                 | 80.0                                                                       | 96.0                              | 92.9                          | 92.1                                                              | 99.5                 | 79.2                                                                                             | 414              |
| <b>Total</b>                   | 94.0                                                                                                                                        | 94.1                 | 80.6                                                                       | 90.0                              | 84.9                          | 83.7                                                              | 95.6                 | 76.7                                                                                             | 2,066            |

Note: Figures in parentheses are based on 25–49 unweighted cases.

<sup>1</sup> Captures newborns who were weighed “at birth.” May exclude some newborns who were weighed during the 2 days after birth.

<sup>2</sup> The functions are (1) examining the umbilical cord, (2) measuring temperature, (3) observing and/or counseling on breastfeeding, (4) telling the mother about danger signs/how to recognize if the baby needs immediate attention, and (5) weighing. Corresponds to the definition of the five signal functions to assess the content of postnatal care for newborns described in Moran et al. 2013.

<sup>3</sup> Birth order refers to the order of the birth among the respondent's live births.



**Table 9.18 Postnatal checks on mother and newborn**

Among most recent live births in the 2 years preceding the survey, percentage for which mothers age 15–49 received a postnatal check during the first 2 days after birth, percentage for which newborns received a postnatal check during the first 2 days after birth, percentage for which both mothers and newborns received a postnatal check, and percentage for which neither mothers nor newborns received a postnatal check, according to background characteristics, Tajikistan DHS 2023

| Background characteristic      | Percentage who received a postnatal check <sup>1</sup> during the first 2 days after birth |         |                         | Neither mother nor newborn received a postnatal check <sup>2</sup> | Number of births |
|--------------------------------|--------------------------------------------------------------------------------------------|---------|-------------------------|--------------------------------------------------------------------|------------------|
|                                | Mother                                                                                     | Newborn | Both mother and newborn |                                                                    |                  |
| <b>Mother's age at birth</b>   |                                                                                            |         |                         |                                                                    |                  |
| <20                            | 95.9                                                                                       | 85.9    | 84.5                    | 2.7                                                                | 127              |
| 20–34                          | 88.8                                                                                       | 85.0    | 81.4                    | 7.5                                                                | 1,759            |
| 35–49                          | 88.5                                                                                       | 84.3    | 82.7                    | 9.9                                                                | 181              |
| <b>Birth order<sup>3</sup></b> |                                                                                            |         |                         |                                                                    |                  |
| 1                              | 92.4                                                                                       | 84.1    | 82.4                    | 5.9                                                                | 536              |
| 2–3                            | 89.7                                                                                       | 85.9    | 82.5                    | 7.0                                                                | 1,086            |
| 4–5                            | 85.2                                                                                       | 84.6    | 79.5                    | 9.7                                                                | 411              |
| 6+                             | (74.5)                                                                                     | (74.9)  | (68.1)                  | (18.7)                                                             | 32               |
| <b>Place of delivery</b>       |                                                                                            |         |                         |                                                                    |                  |
| Health facility                | 91.3                                                                                       | 86.6    | 83.7                    | 5.8                                                                | 1,952            |
| Public sector                  | 91.2                                                                                       | 86.6    | 83.7                    | 5.8                                                                | 1,949            |
| Private sector                 | *                                                                                          | *       | *                       | *                                                                  | 4                |
| Elsewhere                      | 54.4                                                                                       | 56.8    | 46.4                    | 35.2                                                               | 114              |
| <b>Residence</b>               |                                                                                            |         |                         |                                                                    |                  |
| Urban                          | 87.6                                                                                       | 80.4    | 77.4                    | 9.5                                                                | 536              |
| Rural                          | 89.8                                                                                       | 86.6    | 83.2                    | 6.7                                                                | 1,530            |
| <b>Region</b>                  |                                                                                            |         |                         |                                                                    |                  |
| Dushanbe                       | 82.3                                                                                       | 74.3    | 70.2                    | 13.6                                                               | 208              |
| GBAO                           | 89.5                                                                                       | 88.8    | 84.6                    | 6.4                                                                | 25               |
| Sughd                          | 94.1                                                                                       | 83.1    | 80.6                    | 3.4                                                                | 576              |
| DRS                            | 88.6                                                                                       | 86.0    | 83.0                    | 8.4                                                                | 472              |
| Khatlon                        | 87.9                                                                                       | 88.4    | 84.6                    | 8.3                                                                | 785              |
| <b>FTF districts</b>           | 86.4                                                                                       | 87.7    | 84.2                    | 10.1                                                               | 471              |
| <b>Mother's education</b>      |                                                                                            |         |                         |                                                                    |                  |
| None/primary                   | 88.9                                                                                       | 85.3    | 84.8                    | 10.6                                                               | 103              |
| General basic                  | 86.3                                                                                       | 83.1    | 78.7                    | 9.3                                                                | 545              |
| General secondary              | 89.9                                                                                       | 85.2    | 82.0                    | 6.9                                                                | 934              |
| Professional primary/middle    | 91.9                                                                                       | 86.8    | 84.5                    | 5.8                                                                | 217              |
| Higher                         | 90.9                                                                                       | 86.5    | 82.9                    | 5.5                                                                | 266              |
| <b>Wealth quintile</b>         |                                                                                            |         |                         |                                                                    |                  |
| Lowest                         | 85.4                                                                                       | 84.3    | 81.5                    | 11.8                                                               | 389              |
| Second                         | 90.2                                                                                       | 88.4    | 85.0                    | 6.5                                                                | 410              |
| Middle                         | 92.6                                                                                       | 89.4    | 86.5                    | 4.5                                                                | 419              |
| Fourth                         | 89.9                                                                                       | 82.3    | 77.8                    | 5.6                                                                | 434              |
| Highest                        | 87.8                                                                                       | 80.6    | 77.6                    | 9.3                                                                | 414              |
| <b>Total</b>                   | 89.2                                                                                       | 85.0    | 81.7                    | 7.4                                                                | 2,066            |

Note: Figures in parentheses are based on 25–49 unweighted cases. An asterisk indicates that a figure is based on fewer than 25 unweighted cases and has been suppressed.

<sup>1</sup> Includes checks from a family doctor, obstetrician/gynecologist, other doctor, nurse, male nurse, midwife, or traditional birth attendant

<sup>2</sup> Includes checks after the first 2 days or by other persons

<sup>3</sup> Birth order refers to the order of the birth among the respondent's live births.

**Table 9.19 Examinations for breast and cervical cancer**

Percentage of women age 15–49 ever examined by a doctor or health care worker for breast cancer and percentage ever tested by a doctor or health care worker for cervical cancer, according to background characteristics, Tajikistan DHS 2023

| Background characteristic          | Percentage examined for breast cancer | Percentage tested for cervical cancer | Number of women |
|------------------------------------|---------------------------------------|---------------------------------------|-----------------|
| <b>Age</b>                         |                                       |                                       |                 |
| 15–29                              | 3.7                                   | 5.6                                   | 4,885           |
| 30–49                              | 8.8                                   | 12.9                                  | 4,994           |
| 30–34                              | 8.1                                   | 11.0                                  | 1,545           |
| 35–39                              | 7.3                                   | 13.1                                  | 1,435           |
| 40–44                              | 11.4                                  | 15.3                                  | 1,096           |
| 45–49                              | 9.4                                   | 12.9                                  | 917             |
| 30–44                              | 8.7                                   | 12.9                                  | 4,077           |
| 40–49                              | 10.5                                  | 14.2                                  | 2,014           |
| <b>Number of living children</b>   |                                       |                                       |                 |
| 0                                  | 1.5                                   | 2.8                                   | 2,732           |
| 1–2                                | 8.4                                   | 10.1                                  | 2,874           |
| 3–4                                | 8.5                                   | 12.9                                  | 3,678           |
| 5+                                 | 4.8                                   | 12.4                                  | 595             |
| <b>Marital status</b>              |                                       |                                       |                 |
| Never married                      | 0.2                                   | 0.5                                   | 1,964           |
| Married or living together         | 7.8                                   | 11.4                                  | 7,392           |
| Divorced/separated/widowed         | 8.4                                   | 11.9                                  | 522             |
| <b>Employment (past 12 months)</b> |                                       |                                       |                 |
| Not employed                       | 5.3                                   | 7.9                                   | 7,589           |
| Employed for cash                  | 9.9                                   | 14.4                                  | 1,976           |
| Employed not for cash              | 8.6                                   | 11.1                                  | 314             |
| <b>Residence</b>                   |                                       |                                       |                 |
| Urban                              | 9.1                                   | 11.3                                  | 2,705           |
| Rural                              | 5.3                                   | 8.5                                   | 7,174           |
| <b>Region</b>                      |                                       |                                       |                 |
| Dushanbe                           | 12.2                                  | 15.3                                  | 1,077           |
| GBAO                               | 11.5                                  | 15.7                                  | 157             |
| Sughd                              | 7.7                                   | 7.6                                   | 2,780           |
| DRS                                | 4.1                                   | 9.3                                   | 2,356           |
| Khatlon                            | 4.6                                   | 8.5                                   | 3,509           |
| <b>FTF districts</b>               | 5.2                                   | 7.1                                   | 1,937           |
| <b>Education</b>                   |                                       |                                       |                 |
| None/primary                       | 5.6                                   | 7.6                                   | 443             |
| General basic                      | 5.1                                   | 9.6                                   | 3,271           |
| General secondary                  | 6.4                                   | 8.5                                   | 4,230           |
| Professional primary/middle        | 7.5                                   | 9.6                                   | 778             |
| Higher                             | 8.8                                   | 11.7                                  | 1,157           |
| <b>Wealth quintile</b>             |                                       |                                       |                 |
| Lowest                             | 3.0                                   | 5.0                                   | 1,842           |
| Second                             | 5.7                                   | 8.5                                   | 1,967           |
| Middle                             | 5.7                                   | 9.2                                   | 1,966           |
| Fourth                             | 7.2                                   | 11.2                                  | 1,964           |
| Highest                            | 9.3                                   | 12.0                                  | 2,140           |
| <b>Total</b>                       | 6.3                                   | 9.3                                   | 9,879           |

**Table 9.20 Problems in accessing health care**

Percentage of women age 15–49 who reported that they have serious problems in accessing health care for themselves when they are sick, by type of problem, according to background characteristics, Tajikistan DHS 2023

| Background characteristic          | Problems in accessing health care      |                             |                             |                         |                                            | Number of women |
|------------------------------------|----------------------------------------|-----------------------------|-----------------------------|-------------------------|--------------------------------------------|-----------------|
|                                    | Getting permission to go for treatment | Getting money for treatment | Distance to health facility | Not wanting to go alone | At least one problem accessing health care |                 |
| <b>Age</b>                         |                                        |                             |                             |                         |                                            |                 |
| 15–19                              | 4.2                                    | 11.1                        | 5.6                         | 9.8                     | 17.8                                       | 1,710           |
| 20–34                              | 5.0                                    | 12.6                        | 5.5                         | 7.3                     | 17.8                                       | 4,720           |
| 35–49                              | 2.9                                    | 12.4                        | 5.0                         | 5.3                     | 16.4                                       | 3,448           |
| <b>Number of living children</b>   |                                        |                             |                             |                         |                                            |                 |
| 0                                  | 4.1                                    | 10.8                        | 5.2                         | 8.6                     | 16.7                                       | 2,732           |
| 1–2                                | 4.3                                    | 13.7                        | 6.0                         | 7.6                     | 19.0                                       | 2,874           |
| 3–4                                | 4.1                                    | 12.3                        | 5.1                         | 5.8                     | 16.8                                       | 3,678           |
| 5+                                 | 3.5                                    | 12.2                        | 4.5                         | 4.9                     | 15.5                                       | 595             |
| <b>Marital status</b>              |                                        |                             |                             |                         |                                            |                 |
| Never married                      | 3.9                                    | 10.9                        | 5.1                         | 8.6                     | 16.7                                       | 1,964           |
| Married or living together         | 4.3                                    | 12.4                        | 5.5                         | 6.8                     | 17.4                                       | 7,392           |
| Divorced/separated/widowed         | 1.4                                    | 16.1                        | 4.3                         | 4.9                     | 18.8                                       | 522             |
| <b>Employment (past 12 months)</b> |                                        |                             |                             |                         |                                            |                 |
| Not employed                       | 4.5                                    | 12.6                        | 5.3                         | 7.4                     | 17.5                                       | 7,589           |
| Employed for cash                  | 2.8                                    | 11.3                        | 4.8                         | 5.7                     | 15.9                                       | 1,976           |
| Employed not for cash              | 3.5                                    | 11.4                        | 9.7                         | 6.3                     | 20.1                                       | 314             |
| <b>Residence</b>                   |                                        |                             |                             |                         |                                            |                 |
| Urban                              | 3.0                                    | 13.3                        | 4.9                         | 9.1                     | 20.4                                       | 2,705           |
| Rural                              | 4.5                                    | 11.9                        | 5.5                         | 6.3                     | 16.1                                       | 7,174           |
| <b>Region</b>                      |                                        |                             |                             |                         |                                            |                 |
| Dushanbe                           | 2.6                                    | 18.7                        | 5.7                         | 13.4                    | 30.0                                       | 1,077           |
| GBAO                               | 6.1                                    | 19.7                        | 10.1                        | 10.0                    | 28.8                                       | 157             |
| Sughd                              | 3.3                                    | 12.4                        | 6.4                         | 7.6                     | 19.6                                       | 2,780           |
| DRS                                | 3.1                                    | 10.1                        | 5.1                         | 8.0                     | 15.1                                       | 2,356           |
| Khatlon                            | 5.8                                    | 11.3                        | 4.3                         | 3.9                     | 12.6                                       | 3,509           |
| <b>FTF districts</b>               | 7.0                                    | 15.5                        | 4.3                         | 4.5                     | 17.0                                       | 1,937           |
| <b>Education</b>                   |                                        |                             |                             |                         |                                            |                 |
| None/primary                       | 10.7                                   | 23.5                        | 11.2                        | 11.8                    | 28.4                                       | 443             |
| General basic                      | 5.0                                    | 14.0                        | 6.1                         | 9.1                     | 20.0                                       | 3,271           |
| General secondary                  | 3.4                                    | 11.2                        | 4.5                         | 5.1                     | 15.2                                       | 4,230           |
| Professional                       |                                        |                             |                             |                         |                                            |                 |
| primary/middle                     | 1.9                                    | 8.0                         | 4.1                         | 4.7                     | 13.2                                       | 778             |
| Higher                             | 3.1                                    | 10.0                        | 4.9                         | 8.2                     | 15.6                                       | 1,157           |
| <b>Wealth quintile</b>             |                                        |                             |                             |                         |                                            |                 |
| Lowest                             | 4.7                                    | 12.6                        | 6.8                         | 6.1                     | 16.0                                       | 1,842           |
| Second                             | 4.7                                    | 12.5                        | 5.6                         | 5.4                     | 17.0                                       | 1,967           |
| Middle                             | 5.5                                    | 13.4                        | 5.1                         | 6.4                     | 17.0                                       | 1,966           |
| Fourth                             | 3.6                                    | 11.5                        | 5.0                         | 8.1                     | 16.8                                       | 1,964           |
| Highest                            | 2.3                                    | 11.5                        | 4.3                         | 9.0                     | 19.4                                       | 2,140           |
| <b>Total</b>                       | 4.1                                    | 12.3                        | 5.3                         | 7.0                     | 17.3                                       | 9,879           |

**Table 9.21 Distance from health care**

Percent distributions of women age 15–49 by travel time to nearest health facility and by means of transport to nearest health facility, according to background characteristics, Tajikistan DHS 2023

| Background characteristic                            | Travel time to nearest health facility |               |                |          | Total | Means of transport to nearest health facility |                            |       | Total | Number of women |
|------------------------------------------------------|----------------------------------------|---------------|----------------|----------|-------|-----------------------------------------------|----------------------------|-------|-------|-----------------|
|                                                      | <30 minutes                            | 30–59 minutes | 60–119 minutes | ≥2 hours |       | Motorized <sup>1</sup>                        | Not motorized <sup>2</sup> | Other |       |                 |
| <b>Age</b>                                           |                                        |               |                |          |       |                                               |                            |       |       |                 |
| 15–19                                                | 74.4                                   | 22.1          | 3.4            | 0.1      | 100.0 | 27.2                                          | 72.8                       | 0.0   | 100.0 | 1,710           |
| 20–34                                                | 73.8                                   | 23.0          | 3.2            | 0.0      | 100.0 | 25.6                                          | 74.4                       | 0.0   | 100.0 | 4,720           |
| 35–49                                                | 73.3                                   | 22.2          | 4.4            | 0.1      | 100.0 | 25.4                                          | 74.6                       | 0.0   | 100.0 | 3,448           |
| <b>Accessing health care</b>                         |                                        |               |                |          |       |                                               |                            |       |       |                 |
| Distance to health facility is a problem             | 49.7                                   | 33.0          | 16.8           | 0.5      | 100.0 | 40.3                                          | 59.6                       | 0.1   | 100.0 | 527             |
| Distance to health facility is not a problem         | 75.1                                   | 22.0          | 2.9            | 0.0      | 100.0 | 25.0                                          | 75.0                       | 0.0   | 100.0 | 9,352           |
| <b>Means of transport to nearest health facility</b> |                                        |               |                |          |       |                                               |                            |       |       |                 |
| Motorized <sup>1</sup>                               | 63.2                                   | 29.6          | 7.1            | 0.1      | 100.0 | na                                            | na                         | na    | na    | 2,550           |
| Not motorized <sup>2</sup>                           | 77.4                                   | 20.1          | 2.5            | 0.0      | 100.0 | na                                            | na                         | na    | na    | 7,328           |
| Other                                                | *                                      | *             | *              | *        | 100.0 | na                                            | na                         | na    | na    | 1               |
| <b>Residence</b>                                     |                                        |               |                |          |       |                                               |                            |       |       |                 |
| Urban                                                | 76.4                                   | 20.9          | 2.7            | 0.0      | 100.0 | 41.1                                          | 58.9                       | 0.0   | 100.0 | 2,705           |
| Rural                                                | 72.7                                   | 23.2          | 4.0            | 0.1      | 100.0 | 20.1                                          | 79.9                       | 0.0   | 100.0 | 7,174           |
| <b>Region</b>                                        |                                        |               |                |          |       |                                               |                            |       |       |                 |
| Dushanbe                                             | 72.8                                   | 25.1          | 2.1            | 0.0      | 100.0 | 51.8                                          | 48.2                       | 0.0   | 100.0 | 1,077           |
| GBAO                                                 | 72.2                                   | 21.4          | 5.9            | 0.5      | 100.0 | 31.1                                          | 68.4                       | 0.5   | 100.0 | 157             |
| Sughd                                                | 76.9                                   | 18.4          | 4.6            | 0.1      | 100.0 | 18.4                                          | 81.6                       | 0.0   | 100.0 | 2,780           |
| DRS                                                  | 73.9                                   | 24.9          | 1.1            | 0.1      | 100.0 | 15.4                                          | 84.6                       | 0.0   | 100.0 | 2,356           |
| Khatlon                                              | 71.4                                   | 23.5          | 5.0            | 0.0      | 100.0 | 30.5                                          | 69.5                       | 0.0   | 100.0 | 3,509           |
| <b>FTF districts</b>                                 | 79.8                                   | 18.8          | 1.5            | 0.0      | 100.0 | 24.8                                          | 75.2                       | 0.0   | 100.0 | 1,937           |
| <b>Education</b>                                     |                                        |               |                |          |       |                                               |                            |       |       |                 |
| None/primary                                         | 67.9                                   | 26.1          | 6.0            | 0.0      | 100.0 | 28.8                                          | 71.2                       | 0.0   | 100.0 | 443             |
| General basic                                        | 73.7                                   | 22.6          | 3.6            | 0.1      | 100.0 | 24.4                                          | 75.6                       | 0.0   | 100.0 | 3,271           |
| General secondary                                    | 72.6                                   | 23.6          | 3.7            | 0.1      | 100.0 | 23.5                                          | 76.5                       | 0.0   | 100.0 | 4,230           |
| Professional primary/middle                          | 76.3                                   | 21.9          | 1.8            | 0.0      | 100.0 | 27.9                                          | 72.1                       | 0.0   | 100.0 | 778             |
| Higher                                               | 78.2                                   | 17.7          | 4.0            | 0.0      | 100.0 | 35.8                                          | 64.2                       | 0.0   | 100.0 | 1,157           |
| <b>Wealth quintile</b>                               |                                        |               |                |          |       |                                               |                            |       |       |                 |
| Lowest                                               | 64.9                                   | 27.9          | 7.0            | 0.2      | 100.0 | 23.9                                          | 76.1                       | 0.0   | 100.0 | 1,842           |
| Second                                               | 71.9                                   | 24.3          | 3.8            | 0.1      | 100.0 | 20.3                                          | 79.7                       | 0.0   | 100.0 | 1,967           |
| Middle                                               | 76.3                                   | 20.6          | 3.0            | 0.0      | 100.0 | 20.8                                          | 79.2                       | 0.0   | 100.0 | 1,966           |
| Fourth                                               | 75.4                                   | 21.6          | 2.9            | 0.1      | 100.0 | 19.9                                          | 80.1                       | 0.0   | 100.0 | 1,964           |
| Highest                                              | 79.1                                   | 19.0          | 1.8            | 0.0      | 100.0 | 42.5                                          | 57.5                       | 0.0   | 100.0 | 2,140           |
| <b>Total</b>                                         | 73.7                                   | 22.6          | 3.6            | 0.1      | 100.0 | 25.8                                          | 74.2                       | 0.0   | 100.0 | 9,879           |

Note: An asterisk indicates that a figure is based on fewer than 25 unweighted cases and has been suppressed.

na = not applicable

<sup>1</sup> Includes car/truck, public bus, motorcycle/scooter, and boat with motor

<sup>2</sup> Includes animal-drawn cart, bicycle, boat without motor, and walking



## Key Findings

- **Vaccinations:** 94% of children age 12–23 months received any type of vaccine according to the national calendar of immunizations, and 71% of children age 24–35 months have been fully vaccinated with all basic antigens according to the national calendar of immunizations.
- **Symptoms of acute respiratory infection:** 2% of children under age 5 had symptoms of acute respiratory infection (ARI) in the 2 weeks preceding the survey. Advice or treatment was sought for 82% of children with ARI symptoms.
- **Fever:** 11% of children under age 5 had a fever in the 2 weeks preceding the survey. Among children with fever, 52% were taken for advice or treatment.
- **Diarrhea:** 16% of children under age 5 had diarrhea in the 2 weeks preceding the survey. Treatment or advice was sought for 64% of children with diarrhea.
- **Treatment of diarrhea:** 79% of children under age 5 with diarrhea in the 2 weeks preceding the survey received some form of oral rehydration therapy (ORT), while 2% received no treatment.

Information on child health and survival can help policymakers and program managers assess the efficacy of current strategies, formulate appropriate interventions to prevent deaths from childhood illnesses, and improve the health of children in Tajikistan.

This chapter presents information on birth weight and vaccination status for young children. It also looks at the prevalence of, and care-seeking behaviors for, three common childhood illnesses: symptoms of acute respiratory infection (ARI), fever, and diarrhea.

### 10.1 CHILD'S SIZE AND BIRTH WEIGHT

#### Low birth weight

Percentage of births with a reported birth weight below 2.5 kilograms regardless of gestational age.

**Sample:** Live births in the 2 years before the survey that have a reported birth weight, from either a written record or the mother's report

Birth weight is an indicator of a child's risk of malnutrition and neonatal death. It also is an indirect indicator of maternal nutritional status in the months prior to the child's birth. Data on birth weight were obtained for 96% of births in the 2 years preceding the survey from either a written record or the mother's recall. Among children with a reported birth weight, 6% weighed less than 2.5 kilograms at birth (**Table 10.1**).

The survey also collected information on the mother's estimate of the child's size at birth. Although birth size estimates provided by the mother are subjective, they have been shown to serve as a reasonable proxy for a child's birth weight. One percent of births in the 2 years preceding the survey were considered by mothers to be very small, 9% were reported as smaller than average, and 89% were reported to be average or larger than average (**Table 10.1**).

## 10.2 VACCINATION OF CHILDREN

Universal immunization of children against common vaccine-preventable diseases is crucial in reducing infant and child morbidity and mortality. In Tajikistan, routine childhood vaccines include bacille Calmette-Guérin (BCG) (tuberculosis); HepB (hepatitis B); oral polio vaccine (OPV); inactivated polio vaccine (IPV); DPT-containing vaccines such as DPT-HepB-Hib (diphtheria, pertussis, and tetanus; hepatitis B; and *Haemophilus influenzae* type b), DPT, DT, and Td; rotavirus vaccine (RV); and measles-containing vaccine such as measles-rubella (MR) or measles, mumps, and rubella (MMR). The MMR vaccine replaced the MR vaccine in November 2020. A second dose of inactivated polio vaccine (IPV 2) given at age 9 months was introduced into the national childhood immunization schedule in July 2022, and a pneumococcal conjugate vaccine (PCV) given at age 2, 4, and 12 months was added in November 2022. Of the 11 types of vaccines currently used in the national calendar of immunizations, within the framework of the 2023 TjDHS, immunization coverage data were collected for nine vaccines: BCG, HepB, DPT-HepB-Hib, OPV, IPV, pneumococcal, rotavirus, MR/MMR, and DPT.

In the 2023 TjDHS, information on vaccination coverage for children age 0–35 months was obtained in three overlapping ways: from vaccination cards available at home, from mothers' verbal reports, and from vaccination records maintained at a health facility. For each child born in the 3 years before the survey, mothers were asked to show the interviewer the vaccination passport or other document used for recording the child's immunizations. If the vaccination passport or other document was available, the interviewer copied the dates of each vaccination received. If the mother was not able to present the vaccination passport or other document for a child, she was asked to recall whether the child had received the BCG, hepatitis B birth dose, OPV, IPV, DPT-HepB-Hib, DPT 4, pneumococcal, rotavirus, and measles-containing vaccines. If she indicated that the child had received any of the multidose vaccines, she was asked the number of doses the child received. In Tajikistan, written vaccination records are usually maintained in local health facilities and are only rarely found in the home. Thus, in an effort to increase the information obtained from written records, the TjDHS team supervisor also went to the local health clinic after all interviews were completed in the cluster to record vaccination data from the MoHSPP vaccination forms or development health cards of children whose mothers agreed to allow their child's vaccination records to be reviewed.

### 10.2.1 Vaccination Card Ownership and Availability

Vaccination cards are a critical tool in ensuring that a child receives all recommended vaccinations on schedule. Among children age 12–23 months and age 24–35 months, 97% and 96%, respectively, ever had a vaccination card or other document on which their vaccinations were recorded (**Table 10.2**). The 2023 TjDHS field staff ultimately viewed the records for most children (82% of children age 12–23 months and 79% of children age 24–35 months) either in the home or at a health facility.

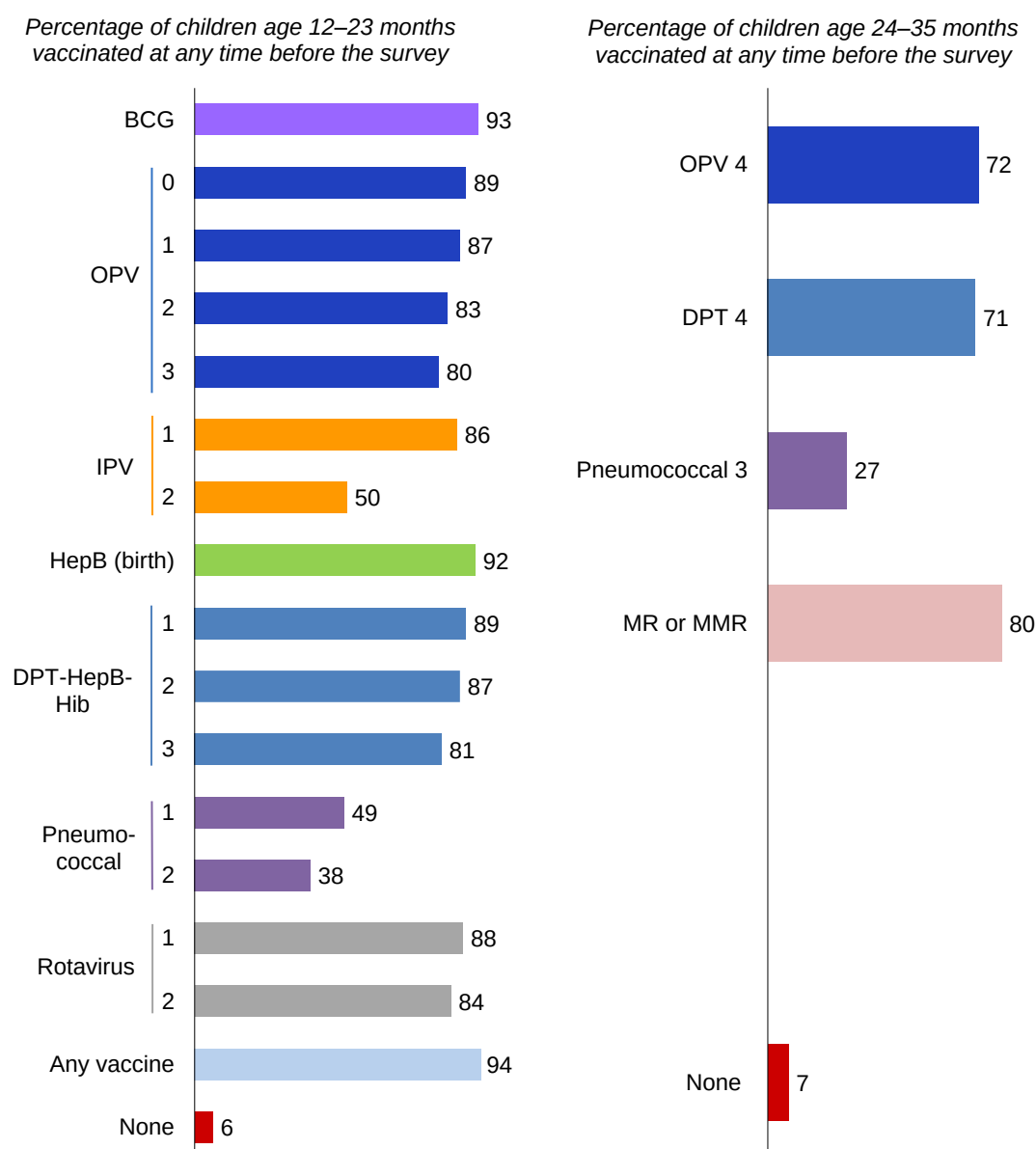
## 10.2.2 Vaccination Coverage according to a Vaccination Card or the Mother's Report

The majority of children age 12–23 months (94%) received any type of vaccine according to the national calendar of immunizations at any time before the survey (according to a vaccination card or the mother's report), while 6% of children received no vaccinations (**Figure 10.1**, **Table 10.3**, and **Table 10.4**).

According to a vaccination card or the mother's report, 94% of children age 12–23 months received the BCG vaccine, 81% received three doses of DPT-HepB-Hib, and 80% received three doses of polio vaccine (excluding the polio vaccine given at birth). Eighty percent of children age 24–35 months received one dose of measles-containing vaccine (MR or MMR), 71% received DPT 4, and 72% received a fifth dose of polio vaccine (OPV 4) (**Figure 10.1**). The percentages of children who received IPV 2 and PCV 1–3 are low because these vaccines were only recently introduced into the national calendar of immunizations, and many children in both age groups were too old to receive them.

According to MoHSPP annual statistical data, coverage of target population groups with any antigen is above 95%. It should be noted that, according to the 2023 TjDHS data based only on a vaccination card, almost all children age 12–23 months (more than 99%) whose vaccination cards were seen received any type of vaccine at any time before the survey (**Table 10.3** and **Table 10.4**).

**Figure 10.1 Childhood vaccinations**





### 10.2.3 Basic Antigen Coverage

#### Fully vaccinated: basic antigens

Percentage of children who received specific vaccines before the survey (according to a vaccination card or the mother's report). To have received all basic antigens, a child must receive at least:

- One dose of BCG vaccine, which protects against tuberculosis
- Three doses of polio vaccine given as oral polio vaccine (OPV), inactivated polio vaccine (IPV), or a combination of OPV and IPV
- Three doses of DPT-containing vaccine, which protects against diphtheria, pertussis (whooping cough), and tetanus
- One dose of measles-containing vaccine given as measles-rubella (MR) or measles, mumps, and rubella (MMR)

**Sample:** Children age 24–35 months<sup>1</sup>

Historically, an important measure of vaccination coverage has been the proportion of children receiving all “basic” antigens. Children are considered fully vaccinated against all basic antigens if they have received the BCG vaccine, three doses each of polio vaccine (given as OPV, IPV, or a combination of OPV and IPV) and DPT-containing vaccine, and a single dose of measles-containing vaccine. In Tajikistan, the BCG vaccine is usually given at birth or at first clinic contact, while the OPV (excluding the birth dose) and DPT-containing vaccines are given at approximately age 2, 3, and 4 months. IPV is given at age 3 and 9 months. A first measles-containing vaccination (MR or MMR) should be given in the second year of life (at or soon after age 12 months); therefore, data on coverage of all basic antigens are presented only for children age 24–35 months.

Seventy-one percent of children age 24–35 months have been fully vaccinated with basic antigens according to a vaccination card or the mother's report (**Table 10.3** and **Table 10.4**). It should be noted that, based on data from a vaccination card only, 87% of children age 24–35 months whose vaccination card was seen received all basic antigens (**Table 10.4**).

#### Patterns by background characteristics

- The percentage of children age 24–35 months who are fully vaccinated with basic antigens is higher among boys (73%) than among girls (67%) (**Table 10.4**).
- The percentage of children fully vaccinated with basic antigens increases from 70% for first-order births to 75% for fourth- and fifth-order births.
- The percentage of children fully vaccinated with basic antigens varies by region, from 51% in Districts of Republican Subordination (DRS) to 85% in Gorno-Badakhshan Autonomous Oblast (GBAO).

<sup>1</sup> Data on coverage of all basic antigens are not presented for children age 12–23 months because some of the children in that age group have only recently reached the age when the measles vaccine is recommended (12 months) and, thus, may not yet have received the MR or MMR vaccine.

## 10.2.4 National Schedule Coverage

### **Vaccinated according to national calendar of immunizations: age 12–23 months<sup>2</sup>**

Percentage of children who received specific vaccines before the survey (according to a vaccination card or the mother's report). According to the national calendar of immunizations, a child must receive the following:

- One dose of BCG vaccine
- Hepatitis B vaccine (birth dose)
- Four doses of OPV (birth dose and doses 1–3) and one dose of IPV<sup>2</sup>
- Three doses of DPT-HepB-Hib (pentavalent vaccine)
- Two doses of rotavirus vaccine

**Sample:** Children age 12–23 months

### **Vaccinated according to national calendar of immunizations: age 24–35 months<sup>3</sup>**

Percentage of children who received specific vaccines before the survey (according to a vaccination card or the mother's report). According to the national calendar of immunizations, a child must receive the vaccines listed for children age 12–23 months along with the following:

- One dose of measles and rubella (MR) or measles, mumps, and rubella (MMR)
- A fifth dose of OPV (OPV 4)
- DPT 4

**Sample:** Children age 24–35 months

A second measure of vaccination coverage is the percentage of children age 12–23 months and 24–35 months who are vaccinated according to the national calendar of immunizations.

### *Vaccinated According to the National Calendar of Immunizations: Age 12–23 Months*

In this report, a child age 12–23 months is considered to be vaccinated according to the national calendar of immunizations if the child has received the BCG vaccine, a birth dose of HepB vaccine, four doses of OPV (birth dose and doses 1–3), one dose of IPV, three doses of DPT-HepB-Hib (pentavalent vaccine), and two doses of rotavirus vaccine. Seventy-four percent of children age 12–23 months received these 12 vaccinations according to a vaccination card or the mother's report (**Table 10.3**).<sup>2</sup> It should be noted that, based on data from a vaccination card only, 88% of children age 12–23 months whose vaccination card was seen received the 12 vaccinations (**Table 10.4**).

<sup>2</sup> IPV 2 is excluded from the calculation of the indicator because it was introduced into the routine immunization schedule in July 2022, and therefore not all children for whom vaccination data were collected would have been eligible to receive it. Similarly, the first and second doses of the pneumococcal vaccine are excluded from the calculation because the vaccine was not introduced until November 2022, and not all children were eligible to receive it.

<sup>3</sup> IPV 2 and pneumococcal doses 1–3 are excluded from calculation because they were introduced into the routine immunization schedule in July and November 2022, respectively, and therefore not all children for whom vaccination data were collected would have been eligible to receive them.

### Patterns by background characteristics

- The percentage of children age 12–23 months who received 12 vaccinations according to a vaccination card or the mother’s report is higher in rural areas (76%) than in urban areas (67%) (**Table 10.4**).
- The percentage of children who received 12 vaccinations according to a vaccination card or the mother’s report ranges from 57% in DRS to 86% in Sughd.

### *Vaccinated According to the National Calendar of Immunizations: Age 24–35 Months*

In this report, children age 24–35 months are considered vaccinated according to the national calendar of immunization if they receive BCG, HepB (birth dose), three doses of DPT-HepB-Hib and a fourth dose of DPT, five doses of OPV (birth dose and doses 1–4), one dose of IPV, two doses of rotavirus vaccine, and one dose of MR or MMR. Sixty-three percent of children age 24–35 months received these 15 vaccinations according to a vaccination card or the mother’s report (**Table 10.3** and **Table 10.4**).<sup>3</sup> It should be noted that, based on data from a vaccination card only, 78% of children age 24–35 months whose vaccination card was seen received the 15 vaccinations (**Table 10.4**).

### Patterns by background characteristics

- The percentage of children age 24–35 months who received 15 vaccinations according to a vaccination card or the mother’s report is comparable across urban and rural areas (63% and 62%, respectively) but varies by region, ranging from 44% in DRS to 74% in Sughd (**Table 10.4**).
- The percentage of children who received 15 vaccinations according to a vaccination card or the mother’s report increases with increasing mother’s education, from 56% among those whose mothers have a general basic education to 70% among those whose mothers have a higher education.

### *Source of Vaccinations*

More than 99% of children age 12–23 months and all children age 24–35 months received vaccinations from public sector sources, predominantly health centers (**Table 10.5**).

## 10.3 SYMPTOMS OF ACUTE RESPIRATORY INFECTION AND CARE-SEEKING BEHAVIOR

Acute respiratory infection (predominantly pneumonia) is a common cause of death in young children. Caregivers are advised that a young child with a cough and/or difficult breathing should be taken to a health facility promptly.

### **Care seeking for symptoms of acute respiratory infection (ARI)**

Children with symptoms of ARI for whom advice or treatment was sought. ARI symptoms consist of short, rapid breathing that is chest-related and/or difficult breathing that is chest-related.

**Sample:** Children under age 5 with symptoms of ARI in the 2 weeks before the survey

Two percent of children under age 5 had symptoms of ARI in the 2 weeks preceding the survey (**Table 10.6**). Advice or treatment was sought for 82% of children with ARI symptoms, and advice or treatment was sought the same or next day for 53% of these children (data not shown separately).

#### *Source of Advice or Treatment for Symptoms of ARI*

Seventy-six percent of children with symptoms of ARI were taken to a health center (urban/rayon/rural) for advice or treatment (**Table 10.7**).

## **10.4 FEVER AND CARE-SEEKING BEHAVIOR**

Fever is a symptom of tuberculosis, typhoid fever, respiratory infections, diarrheal diseases, and other infectious diseases. **Table 10.8** shows the percentage of children under age 5 with a fever during the 2 weeks preceding the survey and the percentage receiving various treatments.

### **Care seeking for fever**

Children with fever for whom advice or treatment was sought.

**Sample:** Children under age 5 with a fever in the 2 weeks before the survey

Eleven percent of children under age 5 had a fever in the 2 weeks preceding the survey. Among children with fever, 52% were taken for advice or treatment, and advice or treatment was sought the same or next day for 37% of these children. Twenty-two percent of children with fever had blood taken from a finger or heel for testing, and 55% were given antibiotics (**Table 10.8**).

#### **Patterns by background characteristics**

- Fever was most often reported among children age 6–11 months (16%) and children living in Dushanbe and Sughd (17% each) (**Table 10.8**).
- The percentage of children with fever for whom advice or treatment was sought is higher in urban areas (62%) than in rural areas (47%).
- Advice or treatment for children with fever was sought most frequently in Dushanbe (68%) and least frequently in DRS (42%). Antibiotics were administered to children with fever most frequently in Khatlon (65%) and least frequently in DRS (40%). GBAO had too few reported cases of children with fever for care-seeking indicators to be shown.

#### *Source of Advice or Treatment for Fever*

Among children under age 5 with fever, treatment or advice was more frequently sought from the public sector (52%) than the private sector (1%), with health centers being the most common source (47%). Nearly all (99%) children for whom advice or treatment was sought were taken to public sector facilities, and 91% were taken to health centers (**Table 10.9**).

## 10.5 DIARRHEAL DISEASE

Diarrheal disease remains an important cause of morbidity and mortality among young children in Tajikistan—7% of children under age 5 who died in 2021 died due to diarrheal illness.<sup>†</sup> Oral rehydration therapy (ORT) and supplemental zinc, combined with continued feeding, are the recommended interventions for treating diarrhea. ORT can be provided as increased fluids (especially increased breastfeeding), as fluid prepared from a packet of oral rehydration salts (ORS), or as government-recommended homemade fluids (RHF). Zinc has been shown to reduce the severity and duration of diarrhea, and it is recommended that all children with diarrhea receive a 5-day course of zinc.

### 10.5.1 Diarrhea and Care-seeking Behavior

#### Care seeking for diarrhea

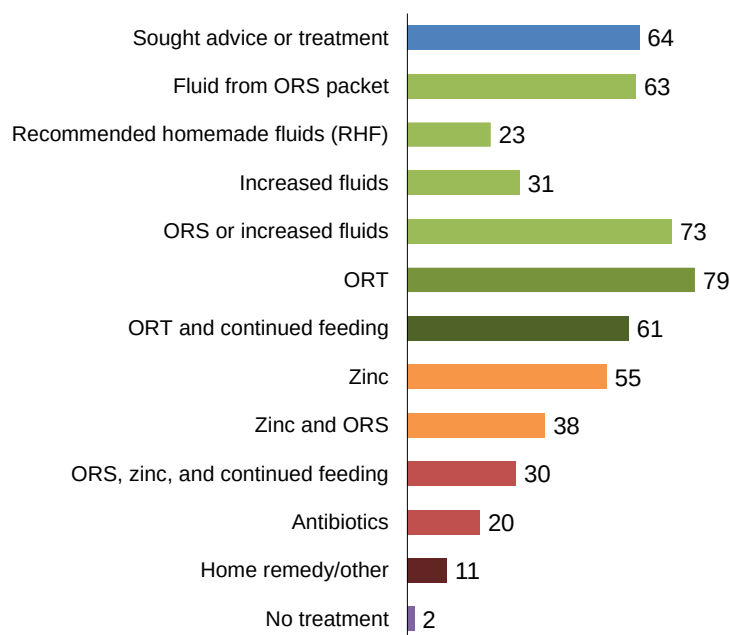
Children with diarrhea for whom advice or treatment was sought.

**Sample:** Children under age 5 with diarrhea in the 2 weeks before the survey

Sixteen percent of children under age 5 had diarrhea in the 2 weeks preceding the survey. Treatment or advice was sought for 64% of children with diarrhea (**Table 10.10** and **Figure 10.2**).

**Figure 10.2 Treatment of diarrhea**

Percentage of children under age 5 with diarrhea in the 2 weeks before the survey



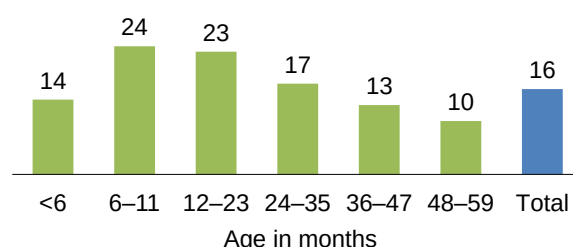
<sup>†</sup> <https://data.unicef.org/topic/child-health/diarrhoeal-disease/>

## Patterns by background characteristics

- Diarrhea is most prevalent among children under age 2. Twenty-four percent of children age 6–11 months (when most children start solid foods) and 23% of children age 12–23 months had diarrhea in the 2 weeks before the survey. The latter age range corresponds to the time when children start losing protection from maternal antibodies through breastfeeding, begin to crawl and walk, and are at increased risk of contamination from food, water, and the environment. The prevalence of diarrhea steadily declines after children reach age 2, with 10% of children age 48–59 months having had diarrhea in the 2 weeks preceding the survey (**Figure 10.3**). Treatment was most commonly sought for children age 6–11 months (69%) and 12–23 months (70%).

**Figure 10.3 Diarrhea prevalence by age**

*Percentage of children under age 5 who had diarrhea in the 2 weeks before the survey*



- The prevalence of diarrhea is higher among children living in urban areas (20%) than among those living in rural areas (15%). Diarrhea prevalence is highest in Dushanbe (24%) and lowest in GBAO (10%).
- Thirty-one percent of children in households with unimproved drinking water sources had diarrhea in the 2 weeks preceding the survey, as compared with 16% of children in households with improved water sources. Interestingly, only 12% of children in households drinking surface water were reported as having diarrhea.
- Care seeking is higher in urban areas (69%) than in rural areas (62%). By region, care seeking is highest in Dushanbe (78%) and lowest in GBAO (31%) and DRS (58%). However, very few children in GBAO were reported to have diarrhea, so the estimate should be interpreted with caution.

### 10.5.2 Feeding Practices

#### **Appropriate feeding practices**

Children with diarrhea are given more liquids than usual and as much food or more than usual.

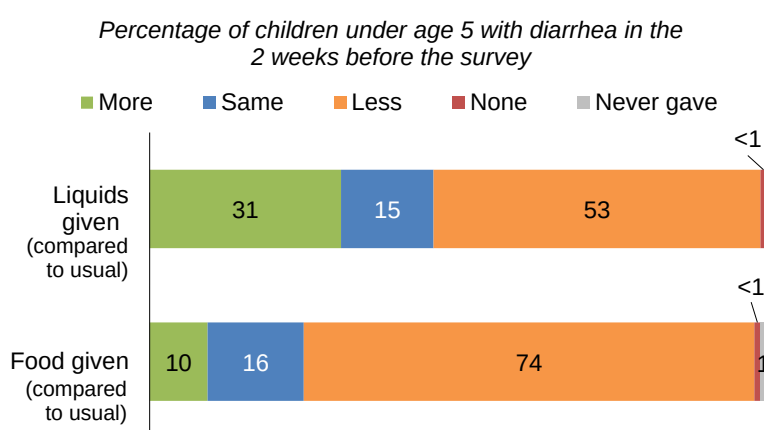
**Sample:** Children under age 5 with diarrhea in the 2 weeks before the survey

Dehydration from diarrhea is a major cause of malnutrition and mortality among young children. To reduce dehydration and minimize the effects of diarrhea on nutritional status, mothers are encouraged to increase the amount of fluids given to children during diarrheal episodes and to either increase feeding or at least continue normal feeding.

In Tajikistan, feeding practices during diarrheal episodes often deviate from these

recommendations. Only 31% of children under age 5 with diarrhea in the 2 weeks before the survey were given more liquids than usual, while 15% received the same amount of liquids. It is of concern that over half of children were given somewhat less (34%) or much less (20%) liquid than usual. Less than 1% were given no liquids at all. Only 26% of children with diarrhea were given the same amount of food or more food than usual. Seventy-four percent of children were given much less or somewhat less food than usual; less than 1% were given no food at all (**Figure 10.4** and **Table 10.11**).

**Figure 10.4 Feeding practices during diarrhea**



Note: Data do not add to 100% due to rounding.

### 10.5.3 Oral Rehydration Therapy, Zinc, Continued Feeding, and Other Treatments

#### Oral rehydration therapy

Children with diarrhea are given increased fluids, a fluid made from a special packet of oral rehydration salts (ORS), or government-recommended homemade fluids (RHF).

**Sample:** Children under age 5 with diarrhea in the 2 weeks before the survey

Seventy-nine percent of children under age 5 with diarrhea in the 2 weeks preceding the survey received ORT. Thirty-one percent of children received ORT in the form of increased fluids, 63% in ORS packets, and 23% as recommended home fluids (RHF) (**Table 10.11**, **Table 10.12**, and **Figure 10.2**). Twenty percent of children were given antibiotics and 55% received zinc, which can reduce the duration and severity of diarrhea. Only 2% of children received no treatment.

**Trends:** The percentage of children under age 5 with diarrhea in the 2 weeks before the survey who received ORT increased from 73% in 2017 to 79% in 2023.

## Patterns by background characteristics

- A higher percentage of children with diarrhea in urban areas (90%) than rural areas (74%) received ORT (**Table 10.12**).
- Treatment of diarrhea with ORT varies by region, ranging from 70% in DRS to 95% in Dushanbe.

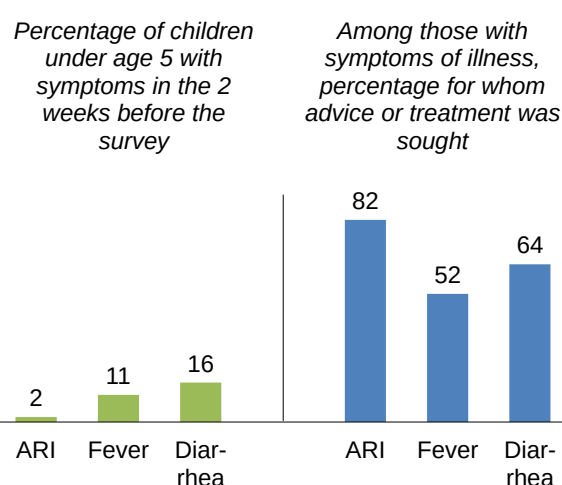
### Source of Advice or Treatment for Diarrhea

Among children under age 5 with diarrhea, advice or treatment was more frequently sought from the public sector (63%) than the private sector (1%) (**Table 10.13**).

## 10.6 TREATMENT OF CHILDHOOD ILLNESS

Diarrhea was the most common illness among children under age 5 during the 2 weeks before the survey (16%), followed by fever (11%) and symptoms of ARI (2%) (**Figure 10.5**). Advice or treatment was sought for 82% of children with ARI symptoms, 64% of children with diarrhea, and 52% of children with a fever.

**Figure 10.5 Symptoms of childhood illness and care seeking**



## LIST OF TABLES

For more information on child health, see the following tables:

- **Table 10.1** Child's size and weight at birth
- **Table 10.2** Possession and observation of vaccination cards according to background characteristics
- **Table 10.3** Vaccinations by source of information
- **Table 10.4** Vaccinations by background characteristics
- **Table 10.5** Source of vaccinations
- **Table 10.6** Children with symptoms of ARI
- **Table 10.7** Source of advice or treatment for children with symptoms of ARI
- **Table 10.8** Children with fever and care seeking for fever
- **Table 10.9** Source of advice or treatment for children with fever
- **Table 10.10** Children with diarrhea and care seeking for diarrhea
- **Table 10.11** Feeding practices during diarrhea
- **Table 10.12** Oral rehydration salts, zinc, continued feeding, and other treatments for diarrhea
- **Table 10.13** Source of advice or treatment for children with diarrhea



**Table 10.1 Child's size and weight at birth**

Percent distribution of live births in the 2 years preceding the survey by mother's estimate of baby's size at birth, percentage of live births in the 2 years preceding the survey that have a reported birth weight by source of information (written record or mother's report), and among live births in the 2 years preceding the survey with a reported birth weight, percentage less than 2.5 kg, according to background characteristics, Tajikistan DHS 2023

| Background characteristic   | Percent distribution of births by size of baby at birth based on mother's estimate |                      |                   |            |       | Percentage of births that have a reported birth weight according to: |                 |        |                  | Among births with a reported birth weight <sup>1</sup> |                  |
|-----------------------------|------------------------------------------------------------------------------------|----------------------|-------------------|------------|-------|----------------------------------------------------------------------|-----------------|--------|------------------|--------------------------------------------------------|------------------|
|                             | Very small                                                                         | Smaller than average | Average or larger | Don't know | Total | Written record                                                       | Mother's report | Either | Number of births | Percent-age less than 2.5 kg                           | Number of births |
| Mother's age at birth       |                                                                                    |                      |                   |            |       |                                                                      |                 |        |                  |                                                        |                  |
| <20                         | 0.0                                                                                | 10.8                 | 88.5              | 0.7        | 100.0 | 15.2                                                                 | 84.1            | 99.3   | 151              | 10.1                                                   | 150              |
| 20–34                       | 0.6                                                                                | 7.8                  | 89.5              | 2.1        | 100.0 | 21.0                                                                 | 74.5            | 95.5   | 1,875            | 5.3                                                    | 1,792            |
| 35–49                       | 1.4                                                                                | 13.5                 | 84.3              | 0.9        | 100.0 | 18.7                                                                 | 75.6            | 94.4   | 186              | 8.3                                                    | 176              |
| Birth order                 |                                                                                    |                      |                   |            |       |                                                                      |                 |        |                  |                                                        |                  |
| 1                           | 0.4                                                                                | 10.0                 | 89.1              | 0.6        | 100.0 | 21.0                                                                 | 77.5            | 98.5   | 608              | 8.1                                                    | 599              |
| 2–3                         | 0.3                                                                                | 7.5                  | 90.1              | 2.1        | 100.0 | 20.8                                                                 | 75.3            | 96.1   | 1,145            | 4.9                                                    | 1,100            |
| 4–5                         | 1.9                                                                                | 9.4                  | 85.7              | 3.0        | 100.0 | 18.5                                                                 | 72.5            | 91.1   | 428              | 5.8                                                    | 390              |
| 6+                          | (0.0)                                                                              | (4.3)                | (92.2)            | (3.5)      | 100.0 | (19.7)                                                               | (70.3)          | (90.0) | 32               | (0.0)                                                  | 29               |
| Mother's smoking status     |                                                                                    |                      |                   |            |       |                                                                      |                 |        |                  |                                                        |                  |
| Smokes cigarettes/tobacco   | (0.0)                                                                              | (9.0)                | (72.4)            | (18.6)     | 100.0 | (30.3)                                                               | (44.1)          | (74.5) | 39               | (8.4)                                                  | 29               |
| Does not smoke              | 0.6                                                                                | 8.5                  | 89.3              | 1.6        | 100.0 | 20.2                                                                 | 75.8            | 96.1   | 2,174            | 5.9                                                    | 2,089            |
| Residence                   |                                                                                    |                      |                   |            |       |                                                                      |                 |        |                  |                                                        |                  |
| Urban                       | 1.0                                                                                | 6.2                  | 92.5              | 0.3        | 100.0 | 25.5                                                                 | 73.5            | 99.0   | 578              | 5.4                                                    | 572              |
| Rural                       | 0.5                                                                                | 9.3                  | 87.8              | 2.4        | 100.0 | 18.6                                                                 | 75.9            | 94.5   | 1,635            | 6.1                                                    | 1,546            |
| Region                      |                                                                                    |                      |                   |            |       |                                                                      |                 |        |                  |                                                        |                  |
| Dushanbe                    | 0.3                                                                                | 5.5                  | 94.2              | 0.0        | 100.0 | 28.7                                                                 | 70.6            | 99.2   | 222              | 3.7                                                    | 220              |
| GBAO                        | 1.5                                                                                | 17.9                 | 78.4              | 2.2        | 100.0 | 20.0                                                                 | 75.1            | 95.0   | 27               | 14.4                                                   | 25               |
| Sughd                       | 0.8                                                                                | 7.9                  | 91.0              | 0.2        | 100.0 | 14.9                                                                 | 82.7            | 97.7   | 620              | 8.9                                                    | 606              |
| DRS                         | 1.1                                                                                | 12.1                 | 85.5              | 1.3        | 100.0 | 17.0                                                                 | 75.3            | 92.3   | 501              | 4.0                                                    | 462              |
| Khatlon                     | 0.3                                                                                | 7.3                  | 88.5              | 3.9        | 100.0 | 24.3                                                                 | 71.0            | 95.4   | 844              | 5.1                                                    | 805              |
| FTF districts               | 0.1                                                                                | 7.4                  | 87.2              | 5.3        | 100.0 | 22.5                                                                 | 71.5            | 94.1   | 507              | 5.8                                                    | 477              |
| Mother's education          |                                                                                    |                      |                   |            |       |                                                                      |                 |        |                  |                                                        |                  |
| None/primary                | 3.0                                                                                | 5.1                  | 86.2              | 5.7        | 100.0 | 15.3                                                                 | 73.5            | 88.7   | 109              | 5.7                                                    | 97               |
| General basic               | 0.5                                                                                | 9.5                  | 86.2              | 3.8        | 100.0 | 19.1                                                                 | 73.0            | 92.2   | 572              | 5.8                                                    | 527              |
| General secondary           | 0.4                                                                                | 8.4                  | 90.1              | 1.1        | 100.0 | 21.1                                                                 | 75.8            | 96.9   | 1,014            | 7.0                                                    | 983              |
| Professional primary/middle | 0.4                                                                                | 11.7                 | 86.9              | 1.0        | 100.0 | 18.4                                                                 | 80.4            | 98.8   | 233              | 3.9                                                    | 230              |
| Higher                      | 0.9                                                                                | 5.5                  | 93.7              | 0.0        | 100.0 | 24.0                                                                 | 74.6            | 98.6   | 285              | 4.3                                                    | 281              |
| Wealth quintile             |                                                                                    |                      |                   |            |       |                                                                      |                 |        |                  |                                                        |                  |
| Lowest                      | 0.8                                                                                | 9.3                  | 85.3              | 4.5        | 100.0 | 17.0                                                                 | 72.3            | 89.3   | 410              | 7.5                                                    | 366              |
| Second                      | 0.3                                                                                | 10.5                 | 87.1              | 2.1        | 100.0 | 19.8                                                                 | 75.3            | 95.1   | 425              | 5.7                                                    | 404              |
| Middle                      | 0.9                                                                                | 8.8                  | 88.7              | 1.6        | 100.0 | 16.5                                                                 | 80.8            | 97.4   | 460              | 6.3                                                    | 448              |
| Fourth                      | 0.7                                                                                | 7.8                  | 90.4              | 1.0        | 100.0 | 25.2                                                                 | 71.5            | 96.7   | 474              | 5.6                                                    | 459              |
| Highest                     | 0.3                                                                                | 6.2                  | 93.1              | 0.3        | 100.0 | 23.1                                                                 | 76.3            | 99.5   | 443              | 4.8                                                    | 441              |
| Total                       | 0.6                                                                                | 8.5                  | 89.0              | 1.9        | 100.0 | 20.4                                                                 | 75.3            | 95.7   | 2,213            | 5.9                                                    | 2,118            |

Note: Figures in parentheses are based on 25–49 unweighted cases.

<sup>1</sup> Based on either a written record or the mother's recall

**Table 10.2 Possession and observation of vaccination cards according to background characteristics**

Percentage of children age 12–23 months and children age 24–35 months who ever had a vaccination card kept at a health facility or a home-based vaccination passport, and percentage with a vaccination card or a passport seen, according to background characteristics, Tajikistan DHS 2023

| Background characteristic | Children age 12–23 months                                                       |                                                                  |                    | Children age 24–35 months                                                       |                                                                  |                    |
|---------------------------|---------------------------------------------------------------------------------|------------------------------------------------------------------|--------------------|---------------------------------------------------------------------------------|------------------------------------------------------------------|--------------------|
|                           | Percentage who ever had a vaccination card or vaccination passport <sup>1</sup> | Percentage with a vaccination card or passport seen <sup>1</sup> | Number of children | Percentage who ever had a vaccination card or vaccination passport <sup>1</sup> | Percentage with a vaccination card or passport seen <sup>1</sup> | Number of children |
| <b>Sex</b>                |                                                                                 |                                                                  |                    |                                                                                 |                                                                  |                    |
| Male                      | 96.4                                                                            | 80.2                                                             | 513                | 95.9                                                                            | 79.2                                                             | 530                |
| Female                    | 97.4                                                                            | 83.7                                                             | 494                | 95.8                                                                            | 78.0                                                             | 428                |
| <b>Birth order</b>        |                                                                                 |                                                                  |                    |                                                                                 |                                                                  |                    |
| 1                         | 95.2                                                                            | 79.9                                                             | 276                | 96.6                                                                            | 79.3                                                             | 296                |
| 2–3                       | 97.4                                                                            | 82.2                                                             | 527                | 96.1                                                                            | 77.1                                                             | 464                |
| 4–5                       | 97.8                                                                            | 84.2                                                             | 191                | 94.4                                                                            | 82.9                                                             | 187                |
| 6+                        | *                                                                               | *                                                                | 12                 | *                                                                               | *                                                                | 12                 |
| <b>Residence</b>          |                                                                                 |                                                                  |                    |                                                                                 |                                                                  |                    |
| Urban                     | 97.7                                                                            | 76.6                                                             | 260                | 96.8                                                                            | 77.6                                                             | 222                |
| Rural                     | 96.6                                                                            | 83.8                                                             | 746                | 95.6                                                                            | 79.0                                                             | 736                |
| <b>Region</b>             |                                                                                 |                                                                  |                    |                                                                                 |                                                                  |                    |
| Dushanbe                  | 97.3                                                                            | 75.7                                                             | 98                 | 97.8                                                                            | 79.1                                                             | 101                |
| GBAO                      | 93.8                                                                            | 90.4                                                             | 14                 | 98.3                                                                            | 91.0                                                             | 13                 |
| Sughd                     | 99.5                                                                            | 88.6                                                             | 278                | 99.4                                                                            | 82.9                                                             | 247                |
| DRS                       | 95.0                                                                            | 72.8                                                             | 234                | 91.9                                                                            | 65.5                                                             | 239                |
| Khatlon                   | 96.2                                                                            | 84.0                                                             | 382                | 95.4                                                                            | 83.9                                                             | 357                |
| <b>FTF districts</b>      | 95.0                                                                            | 87.4                                                             | 225                | 92.9                                                                            | 85.8                                                             | 211                |
| <b>Mother's education</b> |                                                                                 |                                                                  |                    |                                                                                 |                                                                  |                    |
| None/primary              | (97.9)                                                                          | (81.4)                                                           | 54                 | (94.1)                                                                          | (80.4)                                                           | 45                 |
| General basic             | 97.5                                                                            | 83.9                                                             | 256                | 93.8                                                                            | 74.4                                                             | 308                |
| General secondary         | 95.8                                                                            | 81.1                                                             | 472                | 96.3                                                                            | 80.9                                                             | 433                |
| Professional              |                                                                                 |                                                                  |                    |                                                                                 |                                                                  |                    |
| primary/middle            | 98.9                                                                            | 80.9                                                             | 95                 | 99.2                                                                            | 82.0                                                             | 73                 |
| Higher                    | 98.0                                                                            | 82.1                                                             | 129                | 98.5                                                                            | 79.4                                                             | 100                |
| <b>Wealth quintile</b>    |                                                                                 |                                                                  |                    |                                                                                 |                                                                  |                    |
| Lowest                    | 95.8                                                                            | 82.8                                                             | 199                | 93.7                                                                            | 80.3                                                             | 208                |
| Second                    | 95.9                                                                            | 84.1                                                             | 200                | 93.8                                                                            | 87.5                                                             | 193                |
| Middle                    | 96.8                                                                            | 84.3                                                             | 214                | 97.1                                                                            | 73.1                                                             | 196                |
| Fourth                    | 98.2                                                                            | 81.4                                                             | 206                | 98.1                                                                            | 76.5                                                             | 192                |
| Highest                   | 98.0                                                                            | 76.5                                                             | 187                | 97.0                                                                            | 75.5                                                             | 169                |
| <b>Total</b>              | 96.9                                                                            | 81.9                                                             | 1,006              | 95.9                                                                            | 78.7                                                             | 958                |

Note: Figures in parentheses are based on 25–49 unweighted cases. An asterisk indicates that a figure is based on fewer than 25 unweighted cases and has been suppressed.

<sup>1</sup> Vaccination card or record from a health facility, child development card from a health facility, or home-based vaccination passport, booklet, or other home-based record

**Table 10.3 Vaccinations by source of information**

Percentage of children age 12–23 months and children age 24–35 months who received specific vaccines at any time before the survey, by source of information (vaccination card or mother's report), Tajikistan DHS 2023

| Vaccine                                                                                                                                    | Children age 12–23 months<br>vaccinated according to: |                    |                                      | Children age 24–35 months<br>vaccinated according to: |                    |                                      |
|--------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------|--------------------|--------------------------------------|-------------------------------------------------------|--------------------|--------------------------------------|
|                                                                                                                                            | Vaccination<br>card <sup>1</sup>                      | Mother's<br>report | Either source<br>(crude<br>coverage) | Vaccination<br>card <sup>1</sup>                      | Mother's<br>report | Either source<br>(crude<br>coverage) |
| <b>BCG</b>                                                                                                                                 | 81.0                                                  | 12.2               | 93.2                                 | 77.2                                                  | 15.0               | 92.3                                 |
| <b>HepB (birth dose)<sup>2</sup></b>                                                                                                       | 80.9                                                  | 11.5               | 92.4                                 | 78.1                                                  | 14.5               | 92.5                                 |
| Within 1 day of birth                                                                                                                      | 76.1                                                  | 11.2               | 87.3                                 | 72.0                                                  | 13.9               | 85.9                                 |
| After 1 day of birth                                                                                                                       | 4.8                                                   | 0.3                | 5.1                                  | 6.1                                                   | 0.6                | 6.6                                  |
| <b>DPT-HepB-Hib</b>                                                                                                                        |                                                       |                    |                                      |                                                       |                    |                                      |
| 1                                                                                                                                          | 78.7                                                  | 10.2               | 88.9                                 | 75.8                                                  | 12.2               | 88.0                                 |
| 2                                                                                                                                          | 78.1                                                  | 8.7                | 86.7                                 | 74.7                                                  | 11.3               | 86.1                                 |
| 3                                                                                                                                          | 75.9                                                  | 5.0                | 81.0                                 | 73.6                                                  | 6.3                | 80.0                                 |
| DPT 4                                                                                                                                      | na                                                    | na                 | na                                   | 66.3                                                  | 4.5                | 70.8                                 |
| <b>Polio</b>                                                                                                                               |                                                       |                    |                                      |                                                       |                    |                                      |
| OPV 0 (birth dose)                                                                                                                         | 79.7                                                  | 9.2                | 88.9                                 | 76.6                                                  | 10.8               | 87.4                                 |
| OPV 1                                                                                                                                      | 79.9                                                  | 7.1                | 87.0                                 | 76.6                                                  | 8.4                | 85.0                                 |
| OPV 2                                                                                                                                      | 78.7                                                  | 4.5                | 83.2                                 | 75.7                                                  | 6.3                | 82.0                                 |
| OPV 3                                                                                                                                      | 76.8                                                  | 2.8                | 79.7                                 | 74.5                                                  | 3.7                | 78.2                                 |
| OPV 4                                                                                                                                      | na                                                    | na                 | na                                   | 69.6                                                  | 2.0                | 71.6                                 |
| IPV 1                                                                                                                                      | 76.5                                                  | 9.8                | 86.3                                 | 73.8                                                  | 11.9               | 85.7                                 |
| IPV 2 <sup>3</sup>                                                                                                                         | 44.6                                                  | 5.5                | 50.1                                 | 26.4                                                  | 6.6                | 32.9                                 |
| <b>Pneumococcal<sup>4</sup></b>                                                                                                            |                                                       |                    |                                      |                                                       |                    |                                      |
| 1                                                                                                                                          | 40.6                                                  | 8.4                | 49.0                                 | 39.5                                                  | 10.2               | 49.7                                 |
| 2                                                                                                                                          | 32.4                                                  | 5.6                | 37.9                                 | 30.6                                                  | 6.7                | 37.3                                 |
| 3                                                                                                                                          | na                                                    | na                 | na                                   | 22.6                                                  | 4.0                | 26.6                                 |
| <b>Rotavirus</b>                                                                                                                           |                                                       |                    |                                      |                                                       |                    |                                      |
| 1                                                                                                                                          | 79.0                                                  | 8.8                | 87.7                                 | 75.4                                                  | 10.9               | 86.4                                 |
| 2                                                                                                                                          | 78.1                                                  | 5.5                | 83.7                                 | 74.2                                                  | 7.1                | 81.3                                 |
| <b>MR or MMR</b>                                                                                                                           | na                                                    | na                 | na                                   | 70.2                                                  | 9.8                | 80.0                                 |
| <b>Fully vaccinated (basic<br/>antigens)<sup>5</sup></b>                                                                                   | na                                                    | na                 | na                                   | 68.3                                                  | 2.4                | 70.7                                 |
| <b>Received specified<br/>number of recommended<br/>vaccinations (according<br/>to national calendar of<br/>immunizations)<sup>6</sup></b> | 72.0                                                  | 1.6                | 73.7                                 | 61.3                                                  | 1.1                | 62.5                                 |
| <b>No vaccinations</b>                                                                                                                     | 0.1                                                   | 5.9                | 6.0                                  | 0.3                                                   | 6.3                | 6.6                                  |
| Number of children                                                                                                                         | 824                                                   | 182                | 1,006                                | 754                                                   | 204                | 958                                  |

na = not applicable

BCG = bacille Calmette-Guérin; DPT = diphtheria-pertussis-tetanus; HepB = hepatitis B; Hib = *Haemophilus influenzae* type b; IPV = inactivated polio vaccine; OPV = oral polio vaccine; MR = measles and rubella

MMR = measles, mumps and rubella

<sup>1</sup> Facility-based vaccination card or record, child development card, or home-based vaccination passport

<sup>2</sup> Children are considered to have received HepB (birth dose) if it was recorded on their card or reported by their mother, regardless of timing.

<sup>3</sup> IPV 2 given at age 9 months was introduced in July 2022. Not all children age 12–23 months at the time of the interview would have been eligible for IPV 2. For example, a child who was age 23 months in October 2023 would have been too old to receive the vaccine when it was rolled out in 2022.

<sup>4</sup> Pneumococcal vaccine was introduced in 2022. The estimates are low because doses 1 (given at 2 months) and 2 (given at 4 months) were not available until November 2022 and January 2023, respectively, and many children age 12–23 months would have been too old to receive them.

<sup>5</sup> BCG, three doses of DPT-containing vaccine, three doses of polio vaccine (excluding polio vaccine given at birth), and one dose of MR or MMR. Data on coverage of all basic antigens are not presented for children age 12–23 months because children who had just turned age 12 months at the time of data collection would have only recently been eligible to receive MR/MMR.

<sup>6</sup> For children age 12–23 months, there are 12 recommended vaccinations: BCG, HepB (birth dose), three doses of DPT-HepB-Hib, four doses of oral polio vaccine (OPV 0–3), one dose of IPV vaccine, and two doses of rotavirus vaccine. For children age 24–35 months, there are 15 recommended vaccinations: BCG, HepB (birth dose), three doses of DPT-HepB-Hib and a fourth dose of DPT, five doses of OPV (0–4), one dose of IPV vaccine, two doses of rotavirus vaccine, and one dose of MR or MMR. The IPV 2 and pneumococcal vaccines are excluded from this indicator for both age groups because they were introduced into the routine immunization schedule for children in Tajikistan in July and November 2022, respectively. Thus, not all children for whom vaccination data were collected would have been eligible to receive these vaccinations.

**Table 10.4 Vaccinations by background characteristics**

Percentage of children age 12–23 months and children age 24–35 months who received specific vaccines before the survey (according to a vaccination card kept at home or in a health facility or the mother's report), percentage who received any vaccinations, percentage who received specified numbers of vaccinations according to the national calendar of immunizations, percentage who received no vaccinations, and percentage fully vaccinated (basic antigens), according to background characteristics, Tajikistan DHS 2023

| Background characteristic     | Children age 12–23 months |                                |              |        |        |                  |        |        |                  |        |                           |        |           |        |                                                                                |                                                                                              | Children age 24–35 months |                     |           |               |                  |                               |                                                                                                    |                                                                                             |                     |     |    |
|-------------------------------|---------------------------|--------------------------------|--------------|--------|--------|------------------|--------|--------|------------------|--------|---------------------------|--------|-----------|--------|--------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------|---------------------------|---------------------|-----------|---------------|------------------|-------------------------------|----------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------|---------------------|-----|----|
|                               | BCG                       | HepB (birth dose) <sup>1</sup> | DPT-HepB-Hib |        |        | OPV <sup>2</sup> |        |        | IPV <sup>3</sup> |        | Pneumococcal <sup>4</sup> |        | Rotavirus |        | Re-ceived any vac-cina-tions according to national calen-dar of immun-izations | Re-ceived 12 vac-cina-tions accord-ing to national calen-dar of immun-iza-tions <sup>5</sup> | No vac-cina-tions         | Number of chil-dren | MR or MMR | DPT 4 booster | OPV 4 (5th dose) | Pneu-mococ-cal <sup>3</sup> 6 | Fully vacci-nated according to national calen-dar of immun-izations (basic anti-gens) <sup>7</sup> | Re-ceived 15 vac-cina-tions according to national calen-dar of immun-iza-tions <sup>8</sup> | Number of chil-dren |     |    |
|                               |                           |                                | 1            | 2      | 3      | 0 (birth dose)   | 1      | 2      | 3                | 1      | 2                         | 1      | 2         | 1      |                                                                                |                                                                                              |                           |                     |           |               |                  |                               |                                                                                                    |                                                                                             |                     | 2   |    |
| Sex                           |                           |                                |              |        |        |                  |        |        |                  |        |                           |        |           |        |                                                                                |                                                                                              |                           |                     |           |               |                  |                               |                                                                                                    |                                                                                             |                     |     |    |
| Male                          | 92.9                      | 92.3                           | 88.7         | 86.3   | 80.1   | 89.0             | 86.2   | 81.8   | 78.7             | 86.5   | 47.2                      | 48.9   | 36.6      | 87.2   | 82.5                                                                           | 94.2                                                                                         | 73.3                      | 5.8                 | 513       | 84.1          | 72.1             | 73.7                          | 27.0                                                                                               | 73.4                                                                                        | 64.7                | 530 |    |
| Female                        | 93.5                      | 92.5                           | 89.1         | 87.1   | 81.9   | 88.8             | 87.8   | 84.6   | 80.7             | 86.0   | 53.2                      | 49.2   | 39.4      | 88.3   | 84.9                                                                           | 93.7                                                                                         | 74.1                      | 6.3                 | 494       | 75.1          | 69.2             | 69.0                          | 26.0                                                                                               | 67.4                                                                                        | 59.7                | 428 |    |
| Birth order                   |                           |                                |              |        |        |                  |        |        |                  |        |                           |        |           |        |                                                                                |                                                                                              |                           |                     |           |               |                  |                               |                                                                                                    |                                                                                             |                     |     |    |
| 1                             | 90.8                      | 90.4                           | 86.6         | 85.6   | 79.1   | 86.5             | 84.8   | 81.9   | 77.6             | 83.9   | 49.4                      | 45.7   | 37.0      | 86.5   | 81.6                                                                           | 91.3                                                                                         | 72.2                      | 8.7                 | 276       | 79.1          | 72.0             | 71.4                          | 24.4                                                                                               | 69.9                                                                                        | 63.2                | 296 |    |
| 2–3                           | 93.5                      | 92.6                           | 89.4         | 87.1   | 81.5   | 89.4             | 86.8   | 82.5   | 79.3             | 86.5   | 50.1                      | 51.1   | 38.9      | 87.0   | 83.6                                                                           | 94.6                                                                                         | 73.2                      | 5.4                 | 527       | 79.6          | 69.7             | 70.5                          | 29.6                                                                                               | 70.0                                                                                        | 60.4                | 464 |    |
| 4–5                           | 95.4                      | 94.4                           | 90.6         | 87.3   | 82.4   | 90.8             | 90.6   | 87.2   | 83.8             | 88.6   | 52.2                      | 49.1   | 37.5      | 91.8   | 87.3                                                                           | 95.9                                                                                         | 76.7                      | 4.1                 | 191       | 82.4          | 71.5             | 75.5                          | 23.4                                                                                               | 75.3                                                                                        | 67.2                | 187 |    |
| 6+                            | *                         | *                              | *            | *      | *      | *                | *      | *      | *                | *      | *                         | *      | *         | *      | *                                                                              | *                                                                                            | *                         | *                   | 12        | *             | *                | *                             | *                                                                                                  | *                                                                                           | *                   | *   | 12 |
| Vaccination card <sup>9</sup> |                           |                                |              |        |        |                  |        |        |                  |        |                           |        |           |        |                                                                                |                                                                                              |                           |                     |           |               |                  |                               |                                                                                                    |                                                                                             |                     |     |    |
| Seen                          | 98.9                      | 98.7                           | 96.1         | 95.3   | 92.7   | 97.2             | 97.6   | 96.0   | 93.8             | 93.4   | 54.5                      | 49.6   | 39.5      | 96.4   | 95.4                                                                           | 99.9                                                                                         | 88.0                      | 0.1                 | 824       | 89.2          | 84.3             | 88.4                          | 28.7                                                                                               | 86.8                                                                                        | 77.9                | 754 |    |
| Not seen or no longer has     | 76.0                      | 72.8                           | 63.5         | 55.0   | 31.4   | 57.8             | 44.9   | 29.4   | 18.7             | 61.1   | 35.2                      | 53.9   | 35.8      | 56.0   | 36.0                                                                           | 76.0                                                                                         | 10.5                      | 24.0                | 151       | 52.9          | 24.4             | 11.8                          | 22.7                                                                                               | 14.2                                                                                        | 6.6                 | 165 |    |
| Never had                     | (25.1)                    | (20.3)                         | (20.3)       | (13.4) | (11.1) | (18.9)           | (11.1) | (3.4)  | (1.3)            | (20.3) | (6.8)                     | (11.0) | (7.4)     | (11.8) | (4.6)                                                                          | (25.1)                                                                                       | (1.3)                     | (74.9)              | 31        | (18.1)        | (6.8)            | (0.0)                         | (2.9)                                                                                              | (0.0)                                                                                       | (0.0)               | 40  |    |
| Residence                     |                           |                                |              |        |        |                  |        |        |                  |        |                           |        |           |        |                                                                                |                                                                                              |                           |                     |           |               |                  |                               |                                                                                                    |                                                                                             |                     |     |    |
| Urban                         | 94.1                      | 93.6                           | 88.8         | 85.0   | 76.9   | 87.3             | 88.3   | 82.8   | 74.5             | 86.0   | 62.8                      | 54.8   | 42.2      | 87.9   | 85.5                                                                           | 94.7                                                                                         | 66.8                      | 5.3                 | 260       | 86.3          | 72.6             | 72.4                          | 32.1                                                                                               | 73.0                                                                                        | 62.5                | 222 |    |
| Rural                         | 92.9                      | 92.0                           | 88.9         | 87.3   | 82.4   | 89.5             | 86.5   | 83.3   | 81.5             | 86.4   | 45.7                      | 47.0   | 36.4      | 87.7   | 83.1                                                                           | 93.7                                                                                         | 76.1                      | 6.3                 | 746       | 78.2          | 70.3             | 71.3                          | 24.9                                                                                               | 70.0                                                                                        | 62.4                | 736 |    |
| Region                        |                           |                                |              |        |        |                  |        |        |                  |        |                           |        |           |        |                                                                                |                                                                                              |                           |                     |           |               |                  |                               |                                                                                                    |                                                                                             |                     |     |    |
| Dushanbe                      | 95.7                      | 96.1                           | 90.5         | 84.9   | 75.2   | 84.9             | 90.6   | 82.6   | 71.5             | 85.0   | 69.1                      | 63.9   | 50.4      | 90.0   | 88.4                                                                           | 96.8                                                                                         | 61.2                      | 3.2                 | 98        | 89.0          | 73.1             | 72.2                          | 37.8                                                                                               | 74.3                                                                                        | 61.5                | 101 |    |
| GBAO                          | 97.3                      | 96.1                           | 97.1         | 95.4   | 94.0   | 91.5             | 98.6   | 94.2   | 89.2             | 95.6   | 46.7                      | 46.9   | 42.2      | 93.5   | 93.5                                                                           | 100.0                                                                                        | 80.9                      | 0.0                 | 14        | 91.1          | 86.4             | 86.9                          | 30.1                                                                                               | 85.4                                                                                        | 70.1                | 13  |    |
| Sughd                         | 98.4                      | 97.5                           | 96.6         | 96.1   | 92.5   | 95.9             | 96.5   | 94.5   | 91.2             | 94.4   | 76.5                      | 60.7   | 56.7      | 96.4   | 95.9                                                                           | 99.0                                                                                         | 85.8                      | 1.0                 | 278       | 89.4          | 86.1             | 80.4                          | 51.2                                                                                               | 81.0                                                                                        | 73.9                | 247 |    |
| DRS                           | 91.3                      | 88.7                           | 82.2         | 77.8   | 65.6   | 84.2             | 74.7   | 68.6   | 66.1             | 79.3   | 32.8                      | 38.7   | 21.2      | 79.9   | 67.0                                                                           | 93.2                                                                                         | 56.9                      | 6.8                 | 234       | 67.5          | 50.3             | 53.7                          | 8.6                                                                                                | 51.3                                                                                        | 43.5                | 239 |    |
| Khatlon                       | 89.7                      | 89.9                           | 86.6         | 85.6   | 83.0   | 87.7             | 86.3   | 83.7   | 81.4             | 84.6   | 36.8                      | 43.1   | 31.2      | 85.5   | 83.4                                                                           | 89.9                                                                                         | 78.1                      | 10.1                | 382       | 79.0          | 72.7             | 76.7                          | 18.2                                                                                               | 75.1                                                                                        | 67.2                | 357 |    |
| FTF districts                 | 90.7                      | 91.0                           | 86.4         | 85.7   | 84.9   | 88.5             | 87.6   | 84.9   | 83.1             | 84.6   | 29.6                      | 57.5   | 45.5      | 86.2   | 84.6                                                                           | 91.0                                                                                         | 81.1                      | 9.0                 | 225       | 81.9          | 74.8             | 81.1                          | 27.0                                                                                               | 79.0                                                                                        | 69.9                | 211 |    |
| Mother's educa-tion           |                           |                                |              |        |        |                  |        |        |                  |        |                           |        |           |        |                                                                                |                                                                                              |                           |                     |           |               |                  |                               |                                                                                                    |                                                                                             |                     |     |    |
| None/primary                  | (91.6)                    | (91.6)                         | (90.3)       | (88.3) | (85.0) | (88.8)           | (89.0) | (85.0) | (82.9)           | (90.4) | (43.9)                    | (49.3) | (29.1)    | (84.5) | (77.2)                                                                         | (93.6)                                                                                       | (75.1)                    | (6.4)               | 54        | (84.2)        | (64.0)           | (76.2)                        | (16.9)                                                                                             | (69.7)                                                                                      | (55.9)              | 45  |    |
| General basic                 | 94.0                      | 92.9                           | 85.9         | 82.6   | 76.7   | 89.7             | 84.2   | 80.3   | 77.3             | 84.3   | 42.0                      | 46.1   | 31.1      | 85.2   | 80.3                                                                           | 94.9                                                                                         | 71.0                      | 5.1                 | 256       | 75.4          | 64.0             | 64.5                          | 19.2                                                                                               | 64.3                                                                                        | 56.1                | 308 |    |
| General second-ary            | 92.0                      | 91.0                           | 89.3         | 87.4   | 82.1   | 87.1             | 86.7   | 83.5   | 80.0             | 86.0   | 49.8                      | 47.9   | 39.7      | 87.6   | 84.0                                                                           | 92.8                                                                                         | 74.8                      | 7.2                 | 472       | 80.4          | 72.1             | 73.6                          | 30.8                                                                                               | 72.5                                                                                        | 64.8                | 433 |    |
| Professional pri-mary/middle  | 93.4                      | 93.2                           | 90.1         | 88.3   | 80.6   | 90.8             | 88.0   | 83.7   | 79.4             | 84.6   | 52.4                      | 45.9   | 34.4      | 89.4   | 86.1                                                                           | 93.4                                                                                         | 72.1                      | 6.6                 | 95        | 83.6          | 80.7             | 79.9                          | 34.0                                                                                               | 78.5                                                                                        | 68.9                | 73  |    |
| Higher                        | 96.2                      | 96.7                           | 91.8         | 90.5   | 84.0   | 92.4             | 92.1   | 86.8   | 81.9             | 90.6   | 68.2                      | 61.4   | 51.5      | 93.5   | 90.0                                                                           | 97.2                                                                                         | 75.3                      | 2.8                 | 129       | 88.3          | 82.1             | 76.4                          | 30.3                                                                                               | 77.5                                                                                        | 70.1                | 100 |    |

Continued...

Table 10.4—Continued

| Background characteristic | Children age 12–23 months |                                |              |      |      |                   |      |      |                  |      |                           |      |           |      |                                                                                                                                             |                                                                                                                                         | Children age 24–35 months |                            |              |                  |                        |                                       |                                                                                                                                              |                                                                                                                                         |                            |     |  |
|---------------------------|---------------------------|--------------------------------|--------------|------|------|-------------------|------|------|------------------|------|---------------------------|------|-----------|------|---------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------|---------------------------|----------------------------|--------------|------------------|------------------------|---------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------|----------------------------|-----|--|
|                           | BCG                       | HepB (birth dose) <sup>1</sup> | DPT-HepB-Hib |      |      | OPV <sup>2</sup>  |      |      | IPV <sup>3</sup> |      | Pneumococcal <sup>4</sup> |      | Rotavirus |      | Re-<br>ceived<br>any<br>vac-<br>cina-<br>tions<br>accord-<br>ing to<br>national<br>calen-<br>dar of<br>immun-<br>iza-<br>tions <sup>5</sup> | Re-<br>ceived<br>12 vac-<br>cina-<br>tions<br>accord-<br>ing to<br>national<br>calen-<br>dar of<br>immun-<br>iza-<br>tions <sup>5</sup> | No vac-<br>cina-<br>tions | Number<br>of chil-<br>dren | MR or<br>MMR | DPT 4<br>booster | OPV 4<br>(5th<br>dose) | Pneu-<br>mococ-<br>cal 3 <sup>6</sup> | Fully<br>vac-<br>cinated<br>accord-<br>ing to<br>national<br>calen-<br>dar of<br>immun-<br>izations<br>(basic<br>anti-<br>gens) <sup>7</sup> | Re-<br>ceived<br>15 vac-<br>cina-<br>tions<br>accord-<br>ing to<br>national<br>calen-<br>dar of<br>immun-<br>iza-<br>tions <sup>8</sup> | Num-<br>ber of<br>children |     |  |
|                           |                           |                                | 1            | 2    | 3    | 0 (birth<br>dose) | 1    | 2    | 3                | 1    | 2                         | 1    | 2         | 1    |                                                                                                                                             |                                                                                                                                         |                           |                            |              |                  |                        |                                       |                                                                                                                                              |                                                                                                                                         |                            | 2   |  |
| Wealth quintile           |                           |                                |              |      |      |                   |      |      |                  |      |                           |      |           |      |                                                                                                                                             |                                                                                                                                         |                           |                            |              |                  |                        |                                       |                                                                                                                                              |                                                                                                                                         |                            |     |  |
| Lowest                    | 89.8                      | 89.4                           | 86.6         | 84.1 | 77.9 | 86.3              | 87.3 | 82.1 | 78.4             | 83.0 | 33.3                      | 32.5 | 19.4      | 85.6 | 80.1                                                                                                                                        | 91.0                                                                                                                                    | 68.9                      | 9.0                        | 199          | 74.2             | 67.5                   | 67.7                                  | 14.4                                                                                                                                         | 67.8                                                                                                                                    | 60.1                       | 208 |  |
| Second                    | 91.9                      | 90.4                           | 88.6         | 86.6 | 84.3 | 86.7              | 86.7 | 83.7 | 83.1             | 86.1 | 43.7                      | 47.0 | 35.9      | 87.5 | 84.0                                                                                                                                        | 93.9                                                                                                                                    | 75.8                      | 6.1                        | 200          | 80.6             | 73.7                   | 78.1                                  | 20.5                                                                                                                                         | 75.2                                                                                                                                    | 64.4                       | 193 |  |
| Middle                    | 95.0                      | 94.2                           | 91.5         | 91.0 | 84.5 | 91.7              | 88.0 | 86.1 | 83.7             | 90.0 | 52.1                      | 55.9 | 44.9      | 90.4 | 84.7                                                                                                                                        | 95.3                                                                                                                                    | 79.5                      | 4.7                        | 214          | 74.4             | 66.0                   | 65.3                                  | 23.3                                                                                                                                         | 62.9                                                                                                                                    | 58.5                       | 196 |  |
| Fourth                    | 94.8                      | 94.3                           | 89.8         | 87.9 | 81.1 | 91.5              | 85.8 | 83.0 | 81.4             | 86.6 | 57.3                      | 55.4 | 44.7      | 87.8 | 84.1                                                                                                                                        | 94.8                                                                                                                                    | 77.7                      | 5.2                        | 206          | 86.2             | 76.5                   | 76.8                                  | 41.3                                                                                                                                         | 77.6                                                                                                                                    | 68.7                       | 192 |  |
| Highest                   | 94.3                      | 93.7                           | 87.5         | 83.5 | 76.5 | 88.0              | 87.0 | 80.6 | 71.0             | 85.2 | 64.5                      | 53.9 | 44.5      | 87.3 | 85.5                                                                                                                                        | 94.8                                                                                                                                    | 65.4                      | 5.2                        | 187          | 86.2             | 70.8                   | 70.4                                  | 35.6                                                                                                                                         | 70.5                                                                                                                                    | 60.5                       | 169 |  |
| Total                     | 93.2                      | 92.4                           | 88.9         | 86.7 | 81.0 | 88.9              | 87.0 | 83.2 | 79.7             | 86.3 | 50.1                      | 49.0 | 37.9      | 87.7 | 83.7                                                                                                                                        | 94.0                                                                                                                                    | 73.7                      | 6.0                        | 1,006        | 80.0             | 70.8                   | 71.6                                  | 26.6                                                                                                                                         | 70.7                                                                                                                                    | 62.5                       | 958 |  |

Note: Children are considered to have received the vaccine if it was either written on the child's vaccination card or reported by the mother. For children whose vaccination information is based on the mother's report, date of vaccination is not collected. The proportions of vaccinations given during the first and second years of life are assumed to be the same as for children with a written record of vaccination. Figures in parentheses are based on 25–49 unweighted cases. An asterisk indicates that a figure is based on fewer than 25 unweighted cases and has been suppressed.

BCG = bacille Calmette-Guérin; DPT = diphtheria-pertussis-tetanus; HepB = hepatitis B; Hib = *Haemophilus influenzae* type b; OPV = oral polio vaccine; IPV = inactivated polio vaccine; MR = measles and rubella; MMR = measles, mumps, and rubella

<sup>1</sup> Children are considered to have received HepB (birth dose) if it was recorded on their card or reported by their mother, regardless of timing.

<sup>2</sup> OPV 0 is the polio vaccination given at birth.

<sup>3</sup> IPV 2 given at age 9 months was introduced in July 2022. Not all children age 12–23 months at the time of the interview would have been eligible for IPV 2. For example, a child who was age 23 months in October 2023 would have been too old to receive the vaccine when it was rolled out in 2022.

<sup>4</sup> Pneumococcal vaccine was introduced in 2022. The estimates are low because doses 1 (given at 2 months) and 2 (given at 4 months) were not available until November 2022 and January 2023, respectively, and many children age 12–23 months would have been too old to receive them.

<sup>5</sup> For children age 12–23 months, there are 12 recommended vaccinations: BCG, HepB (birth dose), three doses of DPT-HepB-Hib, four doses of OPV (birth dose and doses 1–3), one dose of IPV, and two doses of rotavirus vaccine. The measles-containing vaccine is excluded from this indicator because in Tajikistan it is given in the second year of life (at 12 months). IPV 2 is excluded from the calculation of the indicator because it was introduced into the routine immunization schedule in July 2022, and therefore not all children for whom vaccination data were collected would have been eligible to receive it. Similarly, the first and second doses of the pneumococcal vaccine are excluded from the calculation because the vaccine was not introduced until November 2022, and not all children were eligible to receive it.

<sup>6</sup> Pneumococcal vaccine dose 3 was introduced in September 2023. The estimates are low because many children age 24–35 months would have been too old to receive it.

<sup>7</sup> BCG, three doses of the DPT-containing vaccine, three doses of polio vaccine (OPV, IPV, or a combination of OPV and IPV, excluding the polio vaccine given at birth), and one dose of MR or MMR.

<sup>8</sup> For children age 24–35 months, there are 15 recommended vaccinations: BCG, HepB (birth dose), three doses of DPT-HepB-Hib and a fourth dose of DPT 4, five doses of OPV (birth dose and doses 1–4), one dose of IPV, two doses of rotavirus vaccine, and one dose of MR or MMR. IPV 2 and pneumococcal vaccine doses 1–3 are excluded from the calculation because they were introduced into the routine immunization schedule for children in Tajikistan in July and November 2022, respectively, and therefore not all children for whom vaccination data were collected would have been eligible to receive them.

<sup>9</sup> Facility-based vaccination card or record, child development card, or home-based vaccination passport

**Table 10.5 Source of vaccinations**

Among children who received at least one vaccination, percent distribution of children age 12–23 months and children age 24–35 months by source of most vaccinations, according to background characteristics, Tajikistan DHS 2023

| Background characteristic   | Children age 12–23 months who received at least one vaccination <sup>1</sup> |                      |                             |                        |       |       |                                 | Children age 24–35 months who received at least one vaccination <sup>1</sup> |                      |                             |       |                                 |
|-----------------------------|------------------------------------------------------------------------------|----------------------|-----------------------------|------------------------|-------|-------|---------------------------------|------------------------------------------------------------------------------|----------------------|-----------------------------|-------|---------------------------------|
|                             | Source of most vaccinations                                                  |                      |                             |                        |       |       | Number of children <sup>1</sup> | Source of most vaccinations                                                  |                      |                             |       | Number of children <sup>1</sup> |
|                             | Public maternity home                                                        | Public health center | Other public medical sector | Private medical sector | Other | Total |                                 | Public maternity home                                                        | Public health center | Other public medical sector | Total |                                 |
| <b>Sex</b>                  |                                                                              |                      |                             |                        |       |       |                                 |                                                                              |                      |                             |       |                                 |
| Male                        | 2.1                                                                          | 95.2                 | 2.5                         | 0.2                    | 0.0   | 100.0 | 414                             | 1.6                                                                          | 95.2                 | 3.2                         | 100.0 | 415                             |
| Female                      | 3.9                                                                          | 93.5                 | 2.2                         | 0.5                    | 0.0   | 100.0 | 376                             | 2.8                                                                          | 95.6                 | 1.7                         | 100.0 | 305                             |
| <b>Birth order</b>          |                                                                              |                      |                             |                        |       |       |                                 |                                                                              |                      |                             |       |                                 |
| 1                           | 2.7                                                                          | 94.5                 | 1.8                         | 0.9                    | 0.0   | 100.0 | 210                             | 3.3                                                                          | 94.1                 | 2.6                         | 100.0 | 221                             |
| 2–3                         | 2.5                                                                          | 94.3                 | 3.1                         | 0.1                    | 0.0   | 100.0 | 416                             | 1.5                                                                          | 96.2                 | 2.3                         | 100.0 | 354                             |
| 4–5                         | 2.7                                                                          | 96.1                 | 0.9                         | 0.3                    | 0.0   | 100.0 | 156                             | 1.9                                                                          | 94.6                 | 3.5                         | 100.0 | 135                             |
| 6+                          | *                                                                            | *                    | *                           | *                      | *     | 100.0 | 8                               | *                                                                            | *                    | *                           | 100.0 | 10                              |
| <b>Residence</b>            |                                                                              |                      |                             |                        |       |       |                                 |                                                                              |                      |                             |       |                                 |
| Urban                       | 2.1                                                                          | 92.9                 | 4.9                         | 0.1                    | 0.0   | 100.0 | 229                             | 0.0                                                                          | 95.8                 | 4.2                         | 100.0 | 188                             |
| Rural                       | 3.2                                                                          | 95.0                 | 1.2                         | 0.4                    | 0.0   | 100.0 | 561                             | 2.9                                                                          | 95.2                 | 2.0                         | 100.0 | 532                             |
| <b>Region</b>               |                                                                              |                      |                             |                        |       |       |                                 |                                                                              |                      |                             |       |                                 |
| Dushanbe                    | 4.2                                                                          | 92.6                 | 3.2                         | 0.0                    | 0.0   | 100.0 | 92                              | 0.0                                                                          | 96.4                 | 3.6                         | 100.0 | 96                              |
| GBAO                        | 0.0                                                                          | 85.3                 | 6.2                         | 7.2                    | 1.2   | 100.0 | 13                              | 0.0                                                                          | 97.3                 | 2.7                         | 100.0 | 12                              |
| Sughd                       | 1.4                                                                          | 96.4                 | 2.2                         | 0.0                    | 0.0   | 100.0 | 267                             | 0.0                                                                          | 97.0                 | 3.0                         | 100.0 | 232                             |
| DRS                         | 6.6                                                                          | 91.2                 | 2.2                         | 0.0                    | 0.0   | 100.0 | 209                             | 7.6                                                                          | 91.2                 | 1.2                         | 100.0 | 201                             |
| Khatlon                     | 0.8                                                                          | 96.5                 | 1.9                         | 0.8                    | 0.0   | 100.0 | 209                             | 0.0                                                                          | 97.1                 | 2.9                         | 100.0 | 179                             |
| <b>FTF districts</b>        | 1.4                                                                          | 98.6                 | 0.0                         | 0.0                    | 0.0   | 100.0 | 117                             | 0.0                                                                          | 96.4                 | 3.6                         | 100.0 | 87                              |
| <b>Mother's education</b>   |                                                                              |                      |                             |                        |       |       |                                 |                                                                              |                      |                             |       |                                 |
| None/primary                | (14.1)                                                                       | (84.1)               | (1.8)                       | (0.0)                  | (0.0) | 100.0 | 43                              | (4.0)                                                                        | (96.0)               | (0.0)                       | 100.0 | 25                              |
| General basic               | 4.2                                                                          | 94.1                 | 1.6                         | 0.1                    | 0.0   | 100.0 | 206                             | 3.7                                                                          | 92.8                 | 3.5                         | 100.0 | 247                             |
| General secondary           | 1.5                                                                          | 94.8                 | 3.0                         | 0.6                    | 0.0   | 100.0 | 350                             | 1.3                                                                          | 96.4                 | 2.3                         | 100.0 | 305                             |
| Professional primary/middle | 2.0                                                                          | 97.2                 | 0.8                         | 0.0                    | 0.0   | 100.0 | 74                              | 2.0                                                                          | 97.7                 | 0.3                         | 100.0 | 59                              |
| Higher                      | 1.3                                                                          | 95.8                 | 2.5                         | 0.3                    | 0.0   | 100.0 | 117                             | 0.0                                                                          | 97.1                 | 2.9                         | 100.0 | 84                              |
| <b>Wealth quintile</b>      |                                                                              |                      |                             |                        |       |       |                                 |                                                                              |                      |                             |       |                                 |
| Lowest                      | 3.7                                                                          | 94.9                 | 1.3                         | 0.0                    | 0.1   | 100.0 | 129                             | 3.1                                                                          | 92.3                 | 4.6                         | 100.0 | 139                             |
| Second                      | 3.2                                                                          | 95.3                 | 1.1                         | 0.4                    | 0.0   | 100.0 | 140                             | 0.9                                                                          | 97.3                 | 1.8                         | 100.0 | 130                             |
| Middle                      | 3.9                                                                          | 93.1                 | 2.9                         | 0.1                    | 0.0   | 100.0 | 175                             | 2.1                                                                          | 97.9                 | 0.0                         | 100.0 | 138                             |
| Fourth                      | 1.8                                                                          | 96.1                 | 1.1                         | 1.0                    | 0.0   | 100.0 | 180                             | 3.8                                                                          | 95.4                 | 0.8                         | 100.0 | 162                             |
| Highest                     | 2.3                                                                          | 93.0                 | 4.8                         | 0.0                    | 0.0   | 100.0 | 166                             | 0.5                                                                          | 94.1                 | 5.4                         | 100.0 | 151                             |
| Total                       | 2.9                                                                          | 94.4                 | 2.3                         | 0.3                    | 0.0   | 100.0 | 790                             | 2.1                                                                          | 95.3                 | 2.5                         | 100.0 | 720                             |

Note: Figures in parentheses are based on 25–49 unweighted cases. An asterisk indicates that a figure is based on fewer than 25 unweighted cases and has been suppressed.  
<sup>1</sup> The source of most vaccinations was asked only if the child had any vaccinations recorded on the vaccination passport or other documents kept at home; thus, children who did not have vaccination passports or other documents kept at home were excluded from the table.

**Table 10.6 Children with symptoms of ARI**

Among children under age 5, percentage who had symptoms of acute respiratory infection (ARI) in the 2 weeks preceding the survey, according to background characteristics, Tajikistan DHS 2023

| Background characteristic              | Percentage with symptoms of ARI <sup>1</sup> | Number of children |
|----------------------------------------|----------------------------------------------|--------------------|
| <b>Age in months</b>                   |                                              |                    |
| <6                                     | 0.9                                          | 623                |
| 6–11                                   | 2.4                                          | 547                |
| 12–23                                  | 2.0                                          | 1,006              |
| 24–35                                  | 1.3                                          | 958                |
| 36–47                                  | 1.5                                          | 998                |
| 48–59                                  | 1.3                                          | 1,000              |
| <b>Sex</b>                             |                                              |                    |
| Male                                   | 1.4                                          | 2,686              |
| Female                                 | 1.7                                          | 2,445              |
| <b>Mother's smoking status</b>         |                                              |                    |
| Smokes cigarettes/tobacco              | 0.7                                          | 104                |
| Does not smoke                         | 1.6                                          | 5,027              |
| <b>Cooking fuels and technologies</b>  |                                              |                    |
| Clean fuel and technology <sup>2</sup> | 1.4                                          | 4,393              |
| Solid fuel <sup>3</sup>                | 2.4                                          | 736                |
| Other fuel                             | *                                            | 3                  |
| <b>Residence</b>                       |                                              |                    |
| Urban                                  | 2.2                                          | 1,286              |
| Rural                                  | 1.4                                          | 3,846              |
| <b>Region</b>                          |                                              |                    |
| Dushanbe                               | 2.3                                          | 520                |
| GBAO                                   | 0.3                                          | 71                 |
| Sughd                                  | 2.4                                          | 1,381              |
| DRS                                    | 0.8                                          | 1,215              |
| Khatlon                                | 1.3                                          | 1,946              |
| <b>FTF districts</b>                   | 1.5                                          | 1,206              |
| <b>Mother's education</b>              |                                              |                    |
| None/primary                           | 0.3                                          | 280                |
| General basic                          | 1.3                                          | 1,532              |
| General secondary                      | 1.8                                          | 2,319              |
| Professional primary/middle            | 1.1                                          | 415                |
| Higher                                 | 2.1                                          | 585                |
| <b>Wealth quintile</b>                 |                                              |                    |
| Lowest                                 | 0.8                                          | 1,031              |
| Second                                 | 2.2                                          | 1,041              |
| Middle                                 | 1.5                                          | 1,024              |
| Fourth                                 | 1.0                                          | 1,048              |
| Highest                                | 2.3                                          | 987                |
| <b>Total</b>                           | 1.6                                          | 5,132              |

Note: An asterisk indicates that a figure is based on fewer than 25 unweighted cases and has been suppressed.

<sup>1</sup> Symptoms of ARI include short, rapid breathing that is chest-related and/or difficult breathing that is chest-related.

<sup>2</sup> Includes stoves/cookers using electricity and microwave, liquefied petroleum gas (LPG)/natural gas/biogas, and alcohol/ethanol

<sup>3</sup> Includes coal/lignite, charcoal, wood, straw/shrubs/grass, agricultural crops, animal dung/waste, processed biomass (pellets) or woodchips, garbage/plastic, and sawdust

**Table 10.7 Source of advice or treatment for children with symptoms of ARI**

Percentage of children under age 5 with symptoms of ARI in the 2 weeks preceding the survey for whom advice or treatment was sought from specific sources, and among children under age 5 with symptoms of ARI in the 2 weeks preceding the survey for whom advice or treatment was sought, percentage for whom advice or treatment was sought from specific sources, Tajikistan DHS 2023

| Source                            | Percentage for whom advice or treatment was sought from each source: |                                                                                          |
|-----------------------------------|----------------------------------------------------------------------|------------------------------------------------------------------------------------------|
|                                   | Among children with symptoms of ARI <sup>1</sup>                     | Among children with symptoms of ARI for whom advice or treatment was sought <sup>1</sup> |
| <b>Public sector</b>              | 82.2                                                                 | 100.0                                                                                    |
| Government hospital               | 3.4                                                                  | 4.1                                                                                      |
| Health center (urban/rayon/rural) | 76.4                                                                 | 93.0                                                                                     |
| Reproductive health center        | 0.7                                                                  | 0.9                                                                                      |
| Health house                      | 1.9                                                                  | 2.3                                                                                      |
| Number of children                | 80                                                                   | 66                                                                                       |

Note: Advice or treatment for children with symptoms of ARI may have been sought from more than one source.

<sup>1</sup> Symptoms of ARI include short, rapid breathing that is chest-related and/or difficult breathing that is chest-related.



**Table 10.8 Children with fever and care seeking for fever**

Among children under age 5, percentage who had a fever in the 2 weeks preceding the survey, and among children with a fever in the 2 weeks preceding the survey, percentage for whom advice or treatment was sought, percentage for whom advice or treatment was sought the same or next day following the onset of fever, percentage who had blood taken from a finger or heel for testing, and percentage who received antibiotics as treatment, according to background characteristics, Tajikistan DHS 2023

| Background characteristic   | Among children under age 5: |                    | Among children under age 5 with fever:                          |                                                                                      |                                                                  |                                 |                               |
|-----------------------------|-----------------------------|--------------------|-----------------------------------------------------------------|--------------------------------------------------------------------------------------|------------------------------------------------------------------|---------------------------------|-------------------------------|
|                             | Percentage with fever       | Number of children | Percentage for whom advice or treatment was sought <sup>1</sup> | Percentage for whom advice or treatment was sought the same or next day <sup>1</sup> | Percentage who had blood taken from a finger or heel for testing | Percentage who took antibiotics | Number of children with fever |
| <b>Age in months</b>        |                             |                    |                                                                 |                                                                                      |                                                                  |                                 |                               |
| <6                          | 8.3                         | 623                | 60.9                                                            | 46.8                                                                                 | 12.2                                                             | 43.7                            | 52                            |
| 6–11                        | 15.8                        | 547                | 49.3                                                            | 33.6                                                                                 | 26.5                                                             | 51.8                            | 86                            |
| 12–23                       | 12.4                        | 1,006              | 58.6                                                            | 38.5                                                                                 | 28.1                                                             | 53.8                            | 125                           |
| 24–35                       | 12.6                        | 958                | 49.1                                                            | 36.6                                                                                 | 21.3                                                             | 60.0                            | 120                           |
| 36–47                       | 11.3                        | 998                | 50.7                                                            | 37.4                                                                                 | 19.7                                                             | 54.5                            | 113                           |
| 48–59                       | 8.2                         | 1,000              | 44.6                                                            | 31.8                                                                                 | 17.0                                                             | 60.8                            | 82                            |
| <b>Sex</b>                  |                             |                    |                                                                 |                                                                                      |                                                                  |                                 |                               |
| Male                        | 11.9                        | 2,686              | 50.9                                                            | 34.6                                                                                 | 19.9                                                             | 52.8                            | 318                           |
| Female                      | 10.6                        | 2,445              | 53.1                                                            | 39.8                                                                                 | 24.2                                                             | 57.8                            | 259                           |
| <b>Residence</b>            |                             |                    |                                                                 |                                                                                      |                                                                  |                                 |                               |
| Urban                       | 14.7                        | 1,286              | 62.3                                                            | 44.8                                                                                 | 25.0                                                             | 57.8                            | 189                           |
| Rural                       | 10.1                        | 3,846              | 46.8                                                            | 33.1                                                                                 | 20.3                                                             | 53.7                            | 388                           |
| <b>Region</b>               |                             |                    |                                                                 |                                                                                      |                                                                  |                                 |                               |
| Dushanbe                    | 17.0                        | 520                | 67.7                                                            | 38.2                                                                                 | 30.9                                                             | 55.1                            | 88                            |
| GBAO                        | 6.0                         | 71                 | *                                                               | *                                                                                    | *                                                                | *                               | 4                             |
| Sughd                       | 17.2                        | 1,381              | 50.7                                                            | 46.5                                                                                 | 17.6                                                             | 55.6                            | 238                           |
| DRS                         | 7.8                         | 1,215              | 41.9                                                            | 21.4                                                                                 | 6.1                                                              | 39.5                            | 95                            |
| Khatlon                     | 7.8                         | 1,946              | 51.3                                                            | 31.9                                                                                 | 33.2                                                             | 65.2                            | 152                           |
| <b>FTF districts</b>        | 5.8                         | 1,206              | 58.6                                                            | 42.0                                                                                 | 41.6                                                             | 70.7                            | 69                            |
| <b>Mother's education</b>   |                             |                    |                                                                 |                                                                                      |                                                                  |                                 |                               |
| None/primary                | 7.5                         | 280                | *                                                               | *                                                                                    | *                                                                | *                               | 21                            |
| General basic               | 12.3                        | 1,532              | 44.8                                                            | 31.8                                                                                 | 23.4                                                             | 47.9                            | 189                           |
| General secondary           | 9.8                         | 2,319              | 57.7                                                            | 41.7                                                                                 | 23.0                                                             | 59.7                            | 227                           |
| Professional primary/middle | 12.4                        | 415                | 55.9                                                            | 38.6                                                                                 | 27.4                                                             | 67.8                            | 51                            |
| Higher                      | 15.3                        | 585                | 54.9                                                            | 40.0                                                                                 | 14.2                                                             | 57.3                            | 89                            |
| <b>Wealth quintile</b>      |                             |                    |                                                                 |                                                                                      |                                                                  |                                 |                               |
| Lowest                      | 6.4                         | 1,031              | 29.9                                                            | 16.7                                                                                 | 16.9                                                             | 45.7                            | 66                            |
| Second                      | 11.8                        | 1,041              | 50.2                                                            | 35.2                                                                                 | 23.4                                                             | 64.3                            | 122                           |
| Middle                      | 10.2                        | 1,024              | 53.4                                                            | 39.1                                                                                 | 20.2                                                             | 59.1                            | 105                           |
| Fourth                      | 12.1                        | 1,048              | 50.0                                                            | 40.3                                                                                 | 23.1                                                             | 46.4                            | 127                           |
| Highest                     | 16.0                        | 987                | 62.9                                                            | 42.6                                                                                 | 22.6                                                             | 55.9                            | 158                           |
| <b>Total</b>                | 11.3                        | 5,132              | 51.9                                                            | 36.9                                                                                 | 21.8                                                             | 55.0                            | 578                           |

Note: An asterisk indicates that a figure is based on fewer than 25 unweighted cases and has been suppressed.

<sup>1</sup> Includes advice or treatment from the following sources: public sector, private medical sector, shop, and market. Excludes advice or treatment from a traditional practitioner.

**Table 10.9 Source of advice or treatment for children with fever**

Percentage of children under age 5 with a fever in the 2 weeks preceding the survey for whom advice or treatment was sought from specific sources, and among children under age 5 with a fever in the 2 weeks preceding the survey for whom advice or treatment was sought, percentage for whom advice or treatment was sought from specific sources, Tajikistan DHS 2023

| Source                                            | Percentage for whom advice or treatment was sought from each source: |                                                                   |
|---------------------------------------------------|----------------------------------------------------------------------|-------------------------------------------------------------------|
|                                                   | Among children with fever                                            | Among children with fever for whom advice or treatment was sought |
| <b>Public sector</b>                              | 51.5                                                                 | 98.8                                                              |
| Government hospital                               | 2.7                                                                  | 5.3                                                               |
| Health center (urban/rayon/rural)                 | 47.4                                                                 | 90.9                                                              |
| Reproductive health center                        | 0.3                                                                  | 0.6                                                               |
| Health house                                      | 0.4                                                                  | 0.7                                                               |
| Integrated management of childhood illness center | 0.6                                                                  | 1.2                                                               |
| Family medicine center                            | 0.2                                                                  | 0.4                                                               |
| <b>Private medical sector</b>                     | 0.7                                                                  | 1.4                                                               |
| Private clinic                                    | 0.4                                                                  | 0.8                                                               |
| Private doctor                                    | 0.2                                                                  | 0.4                                                               |
| Pharmacy                                          | 0.1                                                                  | 0.3                                                               |
| Other                                             | 0.2                                                                  | 0.4                                                               |
| Number of children                                | 578                                                                  | 301                                                               |

Note: Advice or treatment for children with fever may have been sought from more than one source.

**Table 10.10 Children with diarrhea and care seeking for diarrhea**

Percentage of children under age 5 who had diarrhea in the 2 weeks preceding the survey, and among children with diarrhea in the 2 weeks preceding the survey, percentage for whom advice or treatment was sought, according to background characteristics, Tajikistan DHS 2023

| Background characteristic                   | Percentage with diarrhea | Number of children | Among children under age 5 with diarrhea:                       |                                  |
|---------------------------------------------|--------------------------|--------------------|-----------------------------------------------------------------|----------------------------------|
|                                             |                          |                    | Percentage for whom advice or treatment was sought <sup>1</sup> | Number of children with diarrhea |
| <b>Age in months</b>                        |                          |                    |                                                                 |                                  |
| <6                                          | 14.3                     | 623                | 57.5                                                            | 89                               |
| 6–11                                        | 23.7                     | 547                | 69.4                                                            | 129                              |
| 12–23                                       | 23.0                     | 1,006              | 69.5                                                            | 232                              |
| 24–35                                       | 16.6                     | 958                | 60.6                                                            | 159                              |
| 36–47                                       | 12.8                     | 998                | 65.4                                                            | 128                              |
| 48–59                                       | 10.3                     | 1,000              | 53.2                                                            | 103                              |
| <b>Sex</b>                                  |                          |                    |                                                                 |                                  |
| Male                                        | 16.8                     | 2,686              | 66.8                                                            | 452                              |
| Female                                      | 15.9                     | 2,445              | 60.5                                                            | 388                              |
| <b>Source of drinking water<sup>2</sup></b> |                          |                    |                                                                 |                                  |
| Improved                                    | 16.4                     | 4,764              | 64.5                                                            | 782                              |
| Unimproved                                  | 30.7                     | 71                 | *                                                               | 22                               |
| Surface                                     | 12.2                     | 296                | (46.9)                                                          | 36                               |
| <b>Type of toilet facility<sup>3</sup></b>  |                          |                    |                                                                 |                                  |
| Improved sanitation facility                | 16.4                     | 5,047              | 64.0                                                            | 827                              |
| Unimproved facility                         | 14.9                     | 85                 | *                                                               | 13                               |
| <b>Residence</b>                            |                          |                    |                                                                 |                                  |
| Urban                                       | 19.5                     | 1,286              | 68.7                                                            | 251                              |
| Rural                                       | 15.3                     | 3,846              | 61.9                                                            | 588                              |
| <b>Region</b>                               |                          |                    |                                                                 |                                  |
| Dushanbe                                    | 24.3                     | 520                | 77.8                                                            | 126                              |
| GBAO                                        | 9.5                      | 71                 | (31.2)                                                          | 7                                |
| Sughd                                       | 19.5                     | 1,381              | 60.7                                                            | 269                              |
| DRS                                         | 13.6                     | 1,215              | 57.8                                                            | 166                              |
| Khatlon                                     | 14.0                     | 1,946              | 65.2                                                            | 272                              |
| <b>FTF districts</b>                        | 11.5                     | 1,206              | 74.0                                                            | 139                              |
| <b>Mother's education</b>                   |                          |                    |                                                                 |                                  |
| None/primary                                | 12.2                     | 280                | (56.9)                                                          | 34                               |
| General basic                               | 16.7                     | 1,532              | 61.9                                                            | 257                              |
| General secondary                           | 15.4                     | 2,319              | 65.0                                                            | 356                              |
| Professional                                |                          |                    |                                                                 |                                  |
| primary/middle                              | 19.7                     | 415                | 65.2                                                            | 82                               |
| Higher                                      | 18.9                     | 585                | 66.4                                                            | 111                              |
| <b>Wealth quintile</b>                      |                          |                    |                                                                 |                                  |
| Lowest                                      | 13.0                     | 1,031              | 55.9                                                            | 134                              |
| Second                                      | 15.9                     | 1,041              | 59.1                                                            | 166                              |
| Middle                                      | 16.6                     | 1,024              | 65.4                                                            | 170                              |
| Fourth                                      | 15.5                     | 1,048              | 64.8                                                            | 163                              |
| Highest                                     | 21.0                     | 987                | 71.1                                                            | 207                              |
| <b>Total</b>                                | 16.4                     | 5,132              | 63.9                                                            | 839                              |

Note: Figures in parentheses are based on 25–49 unweighted cases. An asterisk indicates that a figure is based on fewer than 25 unweighted cases and has been suppressed.

<sup>1</sup> Includes advice or treatment from the following sources: public and private health sector, shop, and market. Excludes advice or treatment from a traditional practitioner.

<sup>2</sup> See Table 15.1 for definition of categories.

<sup>3</sup> See Table 15.6 for definition of categories.

**Table 10.11 Feeding practices during diarrhea**

Percent distribution of children under age 5 who had diarrhea in the 2 weeks preceding the survey by amount of liquids and food given compared with normal practice, according to background characteristics, Tajikistan DHS 2023

| Background characteristic               | Amount of liquids given |               |                |           |       |       | Amount of food given |               |                |           |       |                 | Number of children with diarrhea |       |
|-----------------------------------------|-------------------------|---------------|----------------|-----------|-------|-------|----------------------|---------------|----------------|-----------|-------|-----------------|----------------------------------|-------|
|                                         | More                    | Same as usual | Some-what less | Much less | None  | Total | More                 | Same as usual | Some-what less | Much less | None  | Never gave food |                                  | Total |
| <b>Age in months</b>                    |                         |               |                |           |       |       |                      |               |                |           |       |                 |                                  |       |
| <6                                      | 26.0                    | 22.9          | 41.7           | 8.9       | 0.5   | 100.0 | 8.5                  | 21.7          | 59.2           | 7.5       | 0.0   | 3.1             | 100.0                            | 89    |
| 6–11                                    | 27.8                    | 18.2          | 32.4           | 20.3      | 1.3   | 100.0 | 10.9                 | 21.7          | 51.7           | 14.4      | 0.5   | 0.8             | 100.0                            | 129   |
| 12–23                                   | 34.1                    | 12.2          | 28.8           | 24.6      | 0.3   | 100.0 | 11.9                 | 10.0          | 56.2           | 21.9      | 0.0   | 0.0             | 100.0                            | 232   |
| 24–35                                   | 33.2                    | 11.6          | 33.9           | 21.3      | 0.0   | 100.0 | 3.2                  | 16.1          | 58.9           | 21.7      | 0.0   | 0.0             | 100.0                            | 159   |
| 36–47                                   | 34.1                    | 11.6          | 38.9           | 15.4      | 0.0   | 100.0 | 13.6                 | 13.7          | 47.8           | 23.8      | 1.1   | 0.0             | 100.0                            | 128   |
| 48–59                                   | 26.9                    | 20.9          | 32.1           | 20.1      | 0.0   | 100.0 | 7.8                  | 18.6          | 48.1           | 25.5      | 0.0   | 0.0             | 100.0                            | 103   |
| <b>Sex</b>                              |                         |               |                |           |       |       |                      |               |                |           |       |                 |                                  |       |
| Male                                    | 31.9                    | 15.3          | 32.6           | 19.9      | 0.3   | 100.0 | 9.9                  | 16.5          | 53.7           | 19.0      | 0.3   | 0.6             | 100.0                            | 452   |
| Female                                  | 30.5                    | 15.0          | 34.8           | 19.5      | 0.3   | 100.0 | 9.0                  | 15.0          | 54.6           | 20.9      | 0.2   | 0.3             | 100.0                            | 388   |
| <b>Breastfeeding status<sup>1</sup></b> |                         |               |                |           |       |       |                      |               |                |           |       |                 |                                  |       |
| Breastfeeding                           | 29.8                    | 16.1          | 32.4           | 21.2      | 0.5   | 100.0 | 10.5                 | 13.8          | 56.4           | 18.1      | 0.0   | 1.2             | 100.0                            | 323   |
| Not breastfeeding                       | 33.1                    | 13.5          | 33.2           | 19.8      | 0.4   | 100.0 | 7.1                  | 18.1          | 56.5           | 18.1      | 0.2   | 0.0             | 100.0                            | 285   |
| <b>Residence</b>                        |                         |               |                |           |       |       |                      |               |                |           |       |                 |                                  |       |
| Urban                                   | 35.3                    | 12.8          | 33.2           | 18.1      | 0.7   | 100.0 | 8.6                  | 11.9          | 46.7           | 31.4      | 0.2   | 1.1             | 100.0                            | 251   |
| Rural                                   | 29.5                    | 16.1          | 33.8           | 20.4      | 0.2   | 100.0 | 9.9                  | 17.5          | 57.2           | 15.0      | 0.2   | 0.2             | 100.0                            | 588   |
| <b>Region</b>                           |                         |               |                |           |       |       |                      |               |                |           |       |                 |                                  |       |
| Dushanbe                                | 35.6                    | 10.3          | 33.5           | 19.4      | 1.3   | 100.0 | 4.2                  | 11.8          | 45.3           | 37.5      | 0.5   | 0.8             | 100.0                            | 126   |
| GBAO                                    | (48.4)                  | (18.7)        | (28.9)         | (4.0)     | (0.0) | 100.0 | (5.5)                | (8.1)         | (66.7)         | (19.7)    | (0.0) | (0.0)           | 100.0                            | 7     |
| Sughd                                   | 40.2                    | 21.2          | 28.0           | 10.6      | 0.0   | 100.0 | 13.6                 | 21.9          | 44.4           | 19.0      | 0.5   | 0.7             | 100.0                            | 269   |
| DRS                                     | 26.4                    | 18.0          | 19.1           | 35.9      | 0.6   | 100.0 | 7.6                  | 17.9          | 58.7           | 15.1      | 0.0   | 0.6             | 100.0                            | 166   |
| Khatlon                                 | 22.9                    | 9.5           | 48.2           | 19.3      | 0.0   | 100.0 | 9.2                  | 10.6          | 64.6           | 15.5      | 0.0   | 0.0             | 100.0                            | 272   |
| <b>FTF districts</b>                    | 13.0                    | 12.1          | 52.1           | 22.8      | 0.0   | 100.0 | 8.9                  | 11.4          | 64.8           | 14.9      | 0.0   | 0.0             | 100.0                            | 139   |
| <b>Mother's education</b>               |                         |               |                |           |       |       |                      |               |                |           |       |                 |                                  |       |
| None/primary                            | (34.0)                  | (6.4)         | (24.4)         | (30.9)    | (4.4) | 100.0 | (6.9)                | (16.0)        | (47.9)         | (26.1)    | (0.0) | (3.1)           | 100.0                            | 34    |
| General basic                           | 32.0                    | 17.2          | 28.4           | 22.2      | 0.2   | 100.0 | 10.2                 | 17.0          | 53.0           | 18.6      | 0.8   | 0.4             | 100.0                            | 257   |
| General secondary                       | 29.5                    | 15.6          | 37.8           | 17.0      | 0.2   | 100.0 | 9.0                  | 17.0          | 54.7           | 19.2      | 0.0   | 0.0             | 100.0                            | 356   |
| Professional primary/                   |                         |               |                |           |       |       |                      |               |                |           |       |                 |                                  |       |
| middle                                  | 26.9                    | 10.3          | 40.2           | 22.6      | 0.0   | 100.0 | 6.5                  | 12.7          | 61.1           | 17.5      | 0.0   | 2.2             | 100.0                            | 82    |
| Higher                                  | 37.4                    | 15.1          | 30.5           | 17.1      | 0.0   | 100.0 | 12.3                 | 11.4          | 51.3           | 24.9      | 0.0   | 0.0             | 100.0                            | 111   |
| <b>Wealth quintile</b>                  |                         |               |                |           |       |       |                      |               |                |           |       |                 |                                  |       |
| Lowest                                  | 15.9                    | 16.4          | 42.6           | 24.7      | 0.4   | 100.0 | 6.2                  | 12.8          | 67.9           | 13.2      | 0.0   | 0.0             | 100.0                            | 134   |
| Second                                  | 38.0                    | 15.0          | 30.7           | 15.6      | 0.6   | 100.0 | 9.6                  | 20.2          | 57.1           | 11.6      | 0.9   | 0.6             | 100.0                            | 166   |
| Middle                                  | 38.6                    | 10.9          | 30.3           | 20.2      | 0.0   | 100.0 | 14.3                 | 12.4          | 51.8           | 21.6      | 0.0   | 0.0             | 100.0                            | 170   |
| Fourth                                  | 27.5                    | 21.0          | 32.7           | 18.7      | 0.0   | 100.0 | 11.1                 | 23.3          | 48.4           | 16.8      | 0.0   | 0.3             | 100.0                            | 163   |
| Highest                                 | 32.5                    | 13.2          | 33.7           | 20.1      | 0.5   | 100.0 | 6.4                  | 11.2          | 49.0           | 32.0      | 0.3   | 1.1             | 100.0                            | 207   |
| Total                                   | 31.2                    | 15.1          | 33.6           | 19.7      | 0.3   | 100.0 | 9.5                  | 15.8          | 54.1           | 19.9      | 0.2   | 0.5             | 100.0                            | 839   |

Note: It is recommended that children be given more liquids to drink during diarrhea and that food not be reduced. Figures in parentheses are based on 25–49 unweighted cases.

<sup>1</sup> Breastfeeding status is captured for children age 0–35 months only.

**Table 10.12 Oral rehydration salts, zinc, continued feeding, and other treatments for diarrhea**

Among children under age 5 who had diarrhea in the 2 weeks preceding the survey, percentage given fluid from an ORS packet; zinc; ORS and zinc; ORS and continued feeding; ORS, zinc, and continued feeding; ORS or increased fluids; recommended homemade fluids (RHF); oral rehydration therapy (ORT); ORT and continued feeding; and other treatments, and percentage given no treatment, according to background characteristics, Tajikistan DHS 2023

| Background characteristic     | Percentage of children with diarrhea who were given: |        |                    |                                                           |                                                                     |                                    |                                                      |                                                      |                                                           |                          |                            |                              |                          | Percent-<br>age<br>given no<br>treat-<br>ment | Number<br>of<br>children<br>with<br>diarrhea |
|-------------------------------|------------------------------------------------------|--------|--------------------|-----------------------------------------------------------|---------------------------------------------------------------------|------------------------------------|------------------------------------------------------|------------------------------------------------------|-----------------------------------------------------------|--------------------------|----------------------------|------------------------------|--------------------------|-----------------------------------------------|----------------------------------------------|
|                               | Fluid<br>from<br>ORS<br>packet                       | Zinc   | ORS<br>and<br>zinc | ORS<br>and<br>contin-<br>ued<br>feed-<br>ing <sup>1</sup> | ORS,<br>zinc,<br>and<br>contin-<br>ued<br>feed-<br>ing <sup>1</sup> | ORS<br>or in-<br>creased<br>fluids | Recom-<br>mended<br>home-<br>made<br>fluids<br>(RHF) | ORT<br>(ORS,<br>RHF,<br>or in-<br>creased<br>fluids) | ORT<br>and<br>contin-<br>ued<br>feed-<br>ing <sup>1</sup> | Other treatments         |                            |                              |                          |                                               |                                              |
|                               |                                                      |        |                    |                                                           |                                                                     |                                    |                                                      |                                                      |                                                           | Anti-<br>biotic<br>drugs | Anti-<br>motility<br>drugs | Intra-<br>venous<br>solution | Home<br>remedy/<br>other |                                               |                                              |
| <b>Age in months</b>          |                                                      |        |                    |                                                           |                                                                     |                                    |                                                      |                                                      |                                                           |                          |                            |                              |                          |                                               |                                              |
| <6                            | 53.9                                                 | 46.3   | 22.1               | 43.9                                                      | 18.0                                                                | 63.2                               | 11.8                                                 | 68.4                                                 | 57.8                                                      | 13.0                     | 27.7                       | 2.1                          | 10.1                     | 2.8                                           | 89                                           |
| 6–11                          | 62.9                                                 | 56.0   | 39.7               | 53.5                                                      | 32.9                                                                | 72.3                               | 24.4                                                 | 77.7                                                 | 63.7                                                      | 11.9                     | 27.8                       | 3.6                          | 10.4                     | 2.1                                           | 129                                          |
| 12–23                         | 66.5                                                 | 56.5   | 41.7               | 51.0                                                      | 31.6                                                                | 73.9                               | 21.2                                                 | 79.8                                                 | 61.9                                                      | 25.3                     | 26.9                       | 5.2                          | 12.0                     | 1.7                                           | 232                                          |
| 24–35                         | 65.0                                                 | 52.7   | 39.5               | 47.8                                                      | 30.4                                                                | 75.7                               | 21.5                                                 | 82.3                                                 | 63.2                                                      | 17.6                     | 32.5                       | 1.3                          | 10.7                     | 1.0                                           | 159                                          |
| 36–47                         | 62.3                                                 | 59.5   | 41.0               | 47.2                                                      | 28.6                                                                | 73.4                               | 30.4                                                 | 82.5                                                 | 60.5                                                      | 20.2                     | 21.7                       | 7.6                          | 8.7                      | 1.9                                           | 128                                          |
| 48–59                         | 63.7                                                 | 55.1   | 35.7               | 53.4                                                      | 30.8                                                                | 71.9                               | 25.4                                                 | 77.4                                                 | 58.8                                                      | 27.5                     | 28.4                       | 2.4                          | 12.9                     | 4.0                                           | 103                                          |
| <b>Sex</b>                    |                                                      |        |                    |                                                           |                                                                     |                                    |                                                      |                                                      |                                                           |                          |                            |                              |                          |                                               |                                              |
| Male                          | 62.9                                                 | 54.6   | 39.0               | 50.2                                                      | 31.6                                                                | 74.3                               | 25.1                                                 | 81.5                                                 | 64.6                                                      | 20.8                     | 25.6                       | 3.6                          | 11.3                     | 2.5                                           | 452                                          |
| Female                        | 63.8                                                 | 55.2   | 36.9               | 49.1                                                      | 27.2                                                                | 70.4                               | 19.8                                                 | 75.8                                                 | 57.7                                                      | 19.1                     | 29.9                       | 4.3                          | 10.5                     | 1.7                                           | 388                                          |
| <b>Residence</b>              |                                                      |        |                    |                                                           |                                                                     |                                    |                                                      |                                                      |                                                           |                          |                            |                              |                          |                                               |                                              |
| Urban                         | 78.9                                                 | 62.3   | 51.6               | 50.8                                                      | 35.7                                                                | 86.0                               | 25.9                                                 | 90.1                                                 | 58.6                                                      | 18.6                     | 25.5                       | 2.2                          | 10.2                     | 1.4                                           | 251                                          |
| Rural                         | 56.7                                                 | 51.7   | 32.3               | 49.3                                                      | 26.9                                                                | 66.7                               | 21.3                                                 | 74.0                                                 | 62.6                                                      | 20.6                     | 28.5                       | 4.7                          | 11.2                     | 2.4                                           | 588                                          |
| <b>Region</b>                 |                                                      |        |                    |                                                           |                                                                     |                                    |                                                      |                                                      |                                                           |                          |                            |                              |                          |                                               |                                              |
| Dushanbe                      | 89.1                                                 | 68.6   | 62.6               | 54.4                                                      | 42.8                                                                | 93.0                               | 29.9                                                 | 94.7                                                 | 57.4                                                      | 22.3                     | 18.2                       | 1.2                          | 11.3                     | 1.4                                           | 126                                          |
| GBAO                          | (57.4)                                               | (47.9) | (32.9)             | (47.2)                                                    | (25.5)                                                              | (77.6)                             | (29.5)                                               | (88.8)                                               | (69.2)                                                    | (5.7)                    | (34.3)                     | (0.0)                        | (2.7)                    | (2.6)                                         | 7                                            |
| Sughd                         | 71.0                                                 | 47.7   | 35.2               | 54.8                                                      | 26.0                                                                | 79.2                               | 16.3                                                 | 84.4                                                 | 65.9                                                      | 18.0                     | 37.4                       | 7.3                          | 8.4                      | 1.4                                           | 269                                          |
| DRS                           | 48.9                                                 | 48.7   | 32.0               | 41.4                                                      | 25.6                                                                | 63.9                               | 20.8                                                 | 70.1                                                 | 57.0                                                      | 17.8                     | 31.5                       | 1.8                          | 19.4                     | 1.8                                           | 166                                          |
| Khatlon                       | 52.7                                                 | 59.7   | 33.3               | 47.8                                                      | 29.5                                                                | 61.5                               | 26.6                                                 | 71.2                                                 | 61.3                                                      | 22.6                     | 19.7                       | 3.3                          | 8.2                      | 3.3                                           | 272                                          |
| <b>FTF districts</b>          | 58.3                                                 | 66.4   | 41.9               | 51.9                                                      | 36.7                                                                | 62.1                               | 26.5                                                 | 71.6                                                 | 61.2                                                      | 22.3                     | 17.1                       | 5.9                          | 9.1                      | 3.4                                           | 139                                          |
| <b>Mother's<br/>education</b> |                                                      |        |                    |                                                           |                                                                     |                                    |                                                      |                                                      |                                                           |                          |                            |                              |                          |                                               |                                              |
| None/primary                  | (56.2)                                               | (39.3) | (22.6)             | (45.4)                                                    | (16.1)                                                              | (65.1)                             | (19.9)                                               | (72.5)                                               | (54.1)                                                    | (10.5)                   | (33.4)                     | (3.2)                        | (2.3)                    | (9.3)                                         | 34                                           |
| General basic                 | 57.7                                                 | 50.4   | 35.0               | 45.9                                                      | 27.2                                                                | 68.3                               | 20.4                                                 | 76.7                                                 | 59.8                                                      | 22.4                     | 26.2                       | 7.1                          | 13.8                     | 2.6                                           | 257                                          |
| General<br>secondary          | 63.9                                                 | 54.3   | 36.9               | 51.0                                                      | 29.6                                                                | 74.9                               | 26.5                                                 | 82.1                                                 | 64.8                                                      | 19.1                     | 27.5                       | 2.9                          | 9.8                      | 1.2                                           | 356                                          |
| Professional                  | 67.9                                                 | 58.2   | 39.0               | 52.3                                                      | 30.0                                                                | 69.1                               | 25.4                                                 | 70.9                                                 | 55.3                                                      | 14.0                     | 34.5                       | 1.7                          | 10.6                     | 2.9                                           | 82                                           |
| primary/middle                | 73.4                                                 | 70.0   | 53.0               | 54.1                                                      | 38.9                                                                | 79.6                               | 14.2                                                 | 81.0                                                 | 60.7                                                      | 24.6                     | 24.2                       | 1.9                          | 10.8                     | 1.1                                           | 111                                          |
| <b>Wealth quintile</b>        |                                                      |        |                    |                                                           |                                                                     |                                    |                                                      |                                                      |                                                           |                          |                            |                              |                          |                                               |                                              |
| Lowest                        | 53.9                                                 | 43.5   | 28.2               | 49.5                                                      | 26.2                                                                | 57.2                               | 19.5                                                 | 66.8                                                 | 61.1                                                      | 12.9                     | 24.0                       | 2.6                          | 14.1                     | 5.4                                           | 134                                          |
| Second                        | 60.9                                                 | 48.3   | 33.5               | 52.5                                                      | 27.8                                                                | 75.3                               | 20.9                                                 | 81.4                                                 | 69.1                                                      | 20.7                     | 40.0                       | 4.1                          | 7.6                      | 1.6                                           | 166                                          |
| Middle                        | 52.4                                                 | 51.6   | 27.8               | 43.4                                                      | 22.1                                                                | 69.6                               | 18.1                                                 | 78.3                                                 | 61.9                                                      | 22.1                     | 21.0                       | 4.3                          | 13.4                     | 0.6                                           | 170                                          |
| Fourth                        | 61.5                                                 | 63.0   | 38.7               | 50.7                                                      | 29.4                                                                | 66.6                               | 28.3                                                 | 72.2                                                 | 57.7                                                      | 20.6                     | 28.2                       | 5.7                          | 10.7                     | 2.1                                           | 163                                          |
| Highest                       | 81.7                                                 | 64.0   | 56.0               | 52.0                                                      | 39.4                                                                | 87.3                               | 25.5                                                 | 90.4                                                 | 57.9                                                      | 21.8                     | 24.9                       | 2.9                          | 9.6                      | 1.6                                           | 207                                          |
| Total                         | 63.3                                                 | 54.9   | 38.0               | 49.7                                                      | 29.6                                                                | 72.5                               | 22.7                                                 | 78.9                                                 | 61.4                                                      | 20.0                     | 27.6                       | 3.9                          | 10.9                     | 2.1                                           | 839                                          |

Note: Figures in parentheses are based on 25–49 unweighted cases.

ORS = oral rehydration salts

<sup>1</sup> Continued feeding includes children who were given more, the same as usual, or somewhat less food during the diarrhea episode.

**Table 10.13 Source of advice or treatment for children with diarrhea**

Percentage of children under age 5 with diarrhea in the 2 weeks preceding the survey for whom advice or treatment was sought from specific sources; among children under age 5 with diarrhea in the 2 weeks preceding the survey for whom advice or treatment was sought, percentage for whom advice or treatment was sought from specific sources; among children with diarrhea who received ORS, percentage for whom advice or treatment was sought from specific sources; and among children with diarrhea who were given zinc tablets or syrup, percentage for whom advice or treatment was sought from specific sources, Tajikistan DHS 2023

| Source                                            | Percentage for whom advice or treatment was sought from each source: |                                                                      |                                                            |                                                  |
|---------------------------------------------------|----------------------------------------------------------------------|----------------------------------------------------------------------|------------------------------------------------------------|--------------------------------------------------|
|                                                   | Among children with diarrhea                                         | Among children with diarrhea for whom advice or treatment was sought | Among children with diarrhea who received ORS <sup>1</sup> | Among children with diarrhea who were given zinc |
| <b>Public sector</b>                              | 62.9                                                                 | 98.0                                                                 | 73.7                                                       | 68.6                                             |
| Government hospital                               | 2.8                                                                  | 4.4                                                                  | 2.8                                                        | 2.8                                              |
| Health center (urban/rayon/rural)                 | 58.7                                                                 | 91.6                                                                 | 69.7                                                       | 64.6                                             |
| Reproductive health center                        | 0.8                                                                  | 1.3                                                                  | 0.8                                                        | 0.9                                              |
| Health house                                      | 0.4                                                                  | 0.7                                                                  | 0.4                                                        | 0.8                                              |
| Integrated management of childhood illness center | 0.3                                                                  | 0.5                                                                  | 0.3                                                        | 0.0                                              |
| AIDS center                                       | 0.3                                                                  | 0.5                                                                  | 0.0                                                        | 0.0                                              |
| Healthy lifestyle center                          | 0.1                                                                  | 0.1                                                                  | 0.0                                                        | 0.1                                              |
| Family medicine center                            | 0.1                                                                  | 0.1                                                                  | 0.1                                                        | 0.0                                              |
| <b>Private medical sector</b>                     | 1.2                                                                  | 1.9                                                                  | 0.5                                                        | 1.0                                              |
| Pharmacy                                          | 0.7                                                                  | 1.2                                                                  | 0.0                                                        | 0.3                                              |
| Private doctor                                    | 0.5                                                                  | 0.7                                                                  | 0.5                                                        | 0.7                                              |
| Other                                             | 0.2                                                                  | 0.3                                                                  | 0.3                                                        | 0.0                                              |
| Number of children                                | 839                                                                  | 538                                                                  | 532                                                        | 461                                              |

Note: Advice or treatment for children with diarrhea may have been sought from more than one source.

ORS = oral rehydration salts

<sup>1</sup> Fluids from ORS packet



## Key Findings

- **Nutritional status of children:** 14% of children under age 5 are stunted (too short for their age), 6% are wasted (too thin for their height), 5% are underweight (too thin for their age), and 5% are overweight or obese (too heavy for their height).
- **Growth monitoring:** 54% of children under age 5 had their weight measured in the 3 months prior to the survey, while 52% had their height measured.
- **Breastfeeding:** Among children age 0–23 months, 41% were put to the breast within 1 hour of birth and 78% were exclusively breastfed for the first 2 days after birth; 41% of children under age 6 months are exclusively breastfed.
- **Complementary feeding:** 28% of children age 6–23 months received the minimum number of food groups during the day or night preceding the interview, 30% were fed the minimum number of times, and 9% were fed a minimum acceptable diet. Sixty-five percent of children age 6–23 months were given sweet beverages, 35% were given unhealthy foods, and 56% were not given vegetables or fruits.
- **Anemia in women and children:** 35% of children age 6–59 months and 36% of women age 15–49 are classified as having anemia. The prevalence of anemia is 30% among pregnant women and 36% among young women age 15–19.
- **Nutritional status of women:** 50% of women age 20–49 are overweight or obese, and 3% are thin. Among young women age 15–19, 12% are overweight or obese and 11% are thin.
- **Women's dietary practices:** 87% of women age 15–49 consumed foods from at least five of 10 defined food groups during the day or night preceding the survey, 95% consumed sweet beverages, and 67% consumed unhealthy foods.

**N**utrition is the foundation for the health and development of children and adults. This chapter reports on nutritional status and anemia among children and women, infant and young child feeding (IYCF) practices, and women's dietary practices. In addition, the chapter presents key nutrition interventions including infant and young child feeding counseling, child growth monitoring, micronutrient supplementation, and the presence of iodine in household cooking salt. Chapter 9 presents information on nutritional interventions provided during the antenatal period such as maternal nutrition counseling, breastfeeding counseling, iron-containing supplementation and sources of the supplements, and postnatal breastfeeding counseling and observation. Chapter 10 presents information on child feeding practices during diarrhea.



## 11.1 NUTRITIONAL STATUS OF CHILDREN

Anthropometry is commonly used to measure child nutritional status. The anthropometric measurements are used to report on child growth indicators. The distribution of height and weight among children under age 5 was compared with the World Health Organization (WHO) Child Growth Standards reference population (WHO 2006b). The distribution of a well-nourished population will be similar to that of the reference population, while the distribution of a poorly nourished population will not. The indices height-for-age, weight-for-height, and weight-for-age can be expressed in standard deviation units ( $z$  scores) from the median of the reference population. Values that are greater than two standard deviations below the median of the WHO Child Growth Standards are used to define malnutrition.

Stunting, or low height-for-age, is a measure of growth faltering. Stunting is a marker of the deficient growth environment to which children have been exposed and reflects the overall well-being of a population (Perumal et al. 2018). Suboptimal nutrition can contribute to stunting, while other causes include recurrent infection, chronic diseases, and more; many of the causes of stunting are complex and unknown (WHO 2014a).

Wasting, or low weight-for-height, is a measure of acute undernutrition. It represents the failure to receive adequate nutrition in the period immediately before the survey. Wasting may result from inadequate food intake or from a recent episode of illness or infection causing weight loss.

Underweight, or low weight-for-age, is a composite index of weight-for-height and height-for-age. It reflects children who are stunted, wasted, or both.

Overweight, or high weight-for-height, results from an imbalance between energy consumed (too much) and energy expended (too little).

### **Stunting (assessed via height-for-age)**

Height-for-age is a measure of growth faltering. Children whose height-for-age  $z$  score is below minus two standard deviations ( $-2$  SD) from the median of the reference population are considered short for their age (stunted). Children whose  $z$  score is below minus three standard deviations ( $-3$  SD) from the median are considered severely stunted.

**Sample:** Children under age 5

### **Wasting (assessed via weight-for-height)**

The weight-for-height index measures body mass in relation to body height or length and describes acute undernutrition. Children whose weight-for-height  $z$  score is below minus two standard deviations ( $-2$  SD) from the median of the reference population are considered thin (wasted). Children whose  $z$  score is below minus three standard deviations ( $-3$  SD) from the median are considered severely wasted.

**Sample:** Children under age 5

### **Underweight (assessed via weight-for-age)**

Weight-for-age is a composite index of height-for-age and weight-for-height that takes into account both wasting and stunting. Children whose weight-for-age  $z$  score is below minus two standard deviations ( $-2$  SD) from the median of the reference population are classified as underweight. Children whose  $z$  score is below minus three standard deviations ( $-3$  SD) from the median are considered severely underweight.

**Sample:** Children under age 5

### Overweight (assessed via weight-for-height)

Children whose weight-for-height  $z$  score is more than two standard deviations (+2 SD) above the median of the reference population are considered overweight.

**Sample:** Children under age 5

The means of the  $z$  scores for height-for-age, weight-for-height, and weight-for-age are also calculated as summary statistics that represent the nutritional status of children in a population. The mean scores describe the nutritional status of the entire population of children without the use of a cutoff point. A mean  $z$  score of less than 0 (a negative mean value for stunting, wasting, or underweight) suggests a downward shift in the entire sample population's nutritional status relative to the reference population. The farther away mean  $z$  scores are from 0, the higher the prevalence of malnutrition.

### Child Growth Measures of Malnutrition

Information on anthropometry training, standardization, and data collection methodology can be found in Chapter 1. Appendix C, **Table C.7** provides the standardization results. The 2023 TjDHS identified a total of 5,040 children under age 5 who were eligible for height and weight measurements (Appendix C, **Table C.8**). During measurements, 3% of children had hairstyles or ornamentation that interfered with height measurement, and 5% of children were not minimally dressed or wore heavy permanent ornaments that interfered with weight measurement (Appendix C, **Table C.10**). Valid height-for-age measurements were obtained for 98% of eligible children, valid weight-for-height measurements were obtained for 98% of eligible children, and valid weight-for-age measurements were obtained for 98% of eligible children (Appendix C, **Table C.8**). Appendix C, **Table C.8** provides additional information on the completeness and quality of anthropometry data for children.

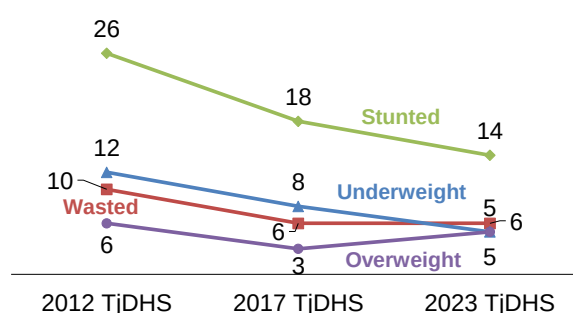
Data collection included remeasurement of children as described in Chapter 1. The calculation of final  $z$  scores was based on the first measurement among children randomly selected for remeasurement, while the calculation of final  $z$  scores was based on the second measurement among children flagged for remeasurement. The remeasurement completion rate was 100% among those selected for remeasurement. Appendix C, **Tables C.8–C.10** provide additional information on the completeness and quality of anthropometry data for children, remeasurement data, and interference of height and weight measurements from hairstyles or ornamentation and heavy clothing (WHO and UNICEF 2019).

**Table 11.1** shows the nutritional status of children under age 5 according to the three anthropometric indices. Fourteen percent of children under age 5 are stunted (too short for their age), and 4% are severely stunted. Six percent of children are wasted (too thin for their height), including 2% who are severely wasted. Five percent of children are underweight (too thin for their age), and 5% are overweight or obese.

**Trends:** A comparison of anthropometric measurements from previous TjDHS surveys generally shows improvements in the nutritional status of children under age 5 over the past decade. The prevalence of stunting declined from 26% in 2012 to 14% in 2023 (**Figure 11.1**). The percentage of children who are wasted and underweight followed a similar trend during the period, falling from 10% to 6% and from 12% to 5%, respectively. There have been only slight changes over the past decade in the percentage of children who are overweight (6% in 2012, 3% in 2017, and 5% in 2023).

**Figure 11.1 Trends in child growth measures**

Percentage of children under age 5 who are malnourished

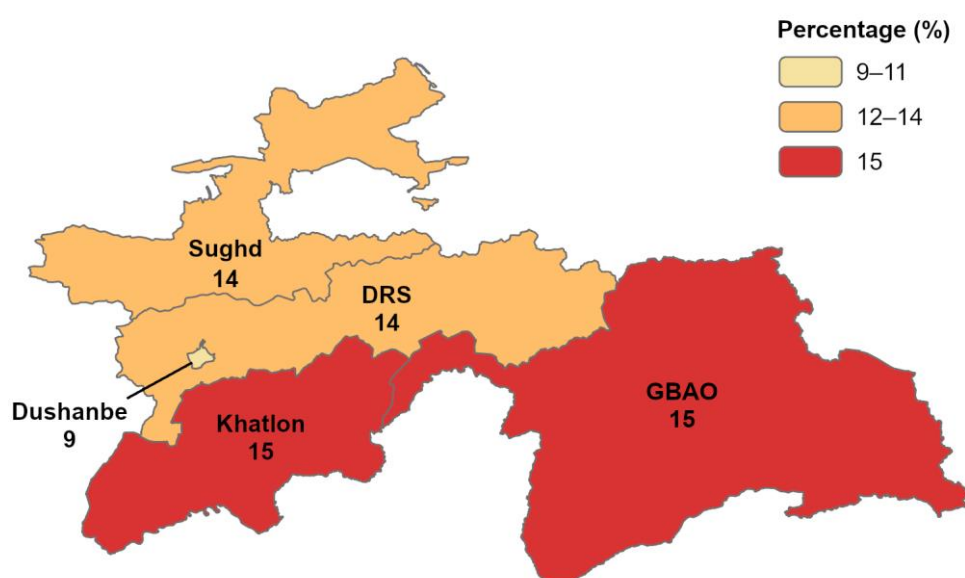


### Patterns by background characteristics

- The prevalence of stunting, wasting, and underweight is higher among children residing in rural areas (15%, 7%, and 6%, respectively) than among those residing in urban areas (11%, 4%, and 4%, respectively), while the prevalence of overweight is the same in rural and urban areas (5%) (**Table 11.1**).
- Stunting varies from 14% to 16% in the four lowest quintiles and declines to 10% in the highest quintile. The opposite pattern is seen for overweight, which increases slightly from 3% in the lowest wealth quintile to 5% in the highest quintile.
- The prevalence of stunting is similar across regions (14%–15%) with the exception of Dushanbe, where the prevalence is 9% (**Map 11.1**).

**Map 11.1 Stunting in children by region**

*Percentage of children under age 5 who are stunted*



## 11.2 GROWTH MONITORING AND PROMOTION

Growth monitoring and promotion programs include monitoring children's nutritional status through physical growth measurements and using this information to provide caregivers with counseling and referrals of children whose growth appears abnormal (WHO 2013; WHO 2017a). An important component of growth monitoring is regular measurement of children's weight, length/height, and/or mid-upper-arm circumference (MUAC).

**Weight measured in the past 3 months**

Percentage of children under age 5 who had their weight measured in the past 3 months.

**Weight and height measured in the past 3 months**

Percentage of children under age 5 who had their weight and height measured in the past 3 months.

**Mid-upper-arm circumference (MUAC) measured in the past 3 months**

Percentage of children under age 5 who had their MUAC measured in the past 3 months.

**Weight, height, and MUAC measured in the past 3 months**

Percentage of children under age 5 who had their weight, height, and MUAC measured in the past 3 months.

**Sample:** Children under age 5

Overall, 52% of children under age 5 had their weight and height measured by a health care provider in the 3 months before the survey. Fifty-four percent of children had their weight measured, 52% had height measurements taken, and 25% had their MUAC measured. Twenty-four percent of children had all three measurements taken (**Table 11.2**).

**Patterns by background characteristics**

- The percentage of children who had both their weight and height measured decreases with age, from 66% among those under age 6 months to 39% among those age 48–59 months (**Table 11.2**).
- There is wide variation by region in the percentage of children who had their weight, height, and MUAC measured. The percentage of children who had both their weight and height measured is lowest in Districts of Republican Subordination (DRS) (33%) and highest in Gorno-Badakhshan Autonomous Oblast (GBAO) (83%). The percentage of children with MUAC measurements is lowest in Sughd (13%) and highest in GBAO (76%).
- The percentage of children who had both weight and height measurements taken increases with increasing mother's education and household wealth.

**11.3 INFANT AND YOUNG CHILD FEEDING PRACTICES**

Optimal infant and young child feeding (IYCF) practices are critical to the health and survival of young children. Recommended IYCF practices include early initiation of breastfeeding (within the first hour after birth), exclusive breastfeeding for the first 2 days after birth, exclusive breastfeeding for the first 6 months of life, continued breastfeeding for 2 years or more, and introduction of safe, appropriate, and adequate complementary foods at age 6 months (WHO and UNICEF 2021). This section reports on IYCF indicators for children under age 2.

**11.3.1 Ever Breastfed, Early Initiation of Breastfeeding, and Exclusive Breastfeeding for the First 2 Days after Birth**

Breastfeeding supports children's growth and development and benefits mothers' health. Initiation of breastfeeding within the first hour of birth is important for both the mother and the child. The first breast milk contains colostrum, which is highly nutritious and has antibodies that protect the newborn from infections. Early initiation of breastfeeding also encourages bonding between the mother and her newborn, especially through skin-to-skin contact, which facilitates the production of breast milk. Feeding newborns anything other than breast milk in the first 2 days after birth can delay early initiation of breastfeeding and interrupt exclusive breastfeeding and is not recommended unless medically indicated (WHO and UNICEF 2021).

**Ever breastfed**

Percentage of children born in the past 2 years who were ever breastfed.

**Early initiation of breastfeeding**

Percentage of children born in the past 2 years who were put to the breast within 1 hour of birth.

**Exclusive breastfeeding for the first 2 days after birth**

Percentage of children born in the past 2 years who were fed exclusively with breast milk for the first 2 days after birth.

**Sample:** Children born in the past 2 years

Among children born in the 2 years preceding the survey, 97% were ever breastfed, 41% were put to the breast within the first hour after birth, and 78% were exclusively breastfed (given nothing other than breast milk to eat or drink) for the first 2 days after birth (**Table 11.3**).

**Patterns by background characteristics**

- Forty-two percent of children in rural areas were put to the breast within an hour after birth, as compared with 37% in urban areas (**Table 11.3**).
- Early initiation of breastfeeding varies greatly between regions; the lowest percentage is in Khatlon (25%) and the highest is in GBAO (72%).
- Early initiation of breastfeeding is higher among vaginal births (43%) than among cesarean section births (21%).
- Eighty-one percent of children whose mothers were counseled on breastfeeding during antenatal care (ANC) visits were exclusively breastfed for the first 2 days after birth, compared with 66% of children whose mothers did not receive any ANC.

**11.3.2 Exclusive Breastfeeding and Mixed Milk Feeding**

In the first 6 months, children should be exclusively breastfed; that is, they should be given nothing but breast milk. Exclusive breastfeeding for 6 months lowers the risk of infections that can lead to diarrhea and respiratory illnesses and provides all of the nutrients and liquid an infant requires for optimal growth and development. Mixed milk feeding, in which children are fed both breast milk and formula or animal milk within the first 6 months, has the adverse effect of reducing breast milk output because the production of breast milk is modulated by the frequency and intensity of suckling. Mixed feeding under age 6 months also can increase children's risk of diarrhea, alter their intestinal microflora, and lead to early cessation of breastfeeding (WHO and UNICEF 2021).

**Exclusive breastfeeding under 6 months**

Percentage of children age 0–5 months who were fed exclusively with breast milk during the previous day.

**Sample:** Youngest children age 0–5 months living with their mother

**Mixed milk feeding under 6 months**

Percentage of children age 0–5 months who were fed both breast milk and formula and/or animal milk during the previous day.

**Sample:** Youngest children age 0–5 months living with their mother

**Figure 11.2** shows the pattern of how children are fed in the first 6 months. At age 0–1 month, 69% of children are exclusively breastfed as per WHO recommendations. Thirty-one percent of children are not being fed according to recommended guidelines, with 13% receiving breast milk and plain water only and 11% receiving breast milk and infant formula and/or animal milk. By age 2–3 months, there is a substantial 31 percentage point decline in the percentage of children exclusively breastfed, with 63% of children receiving liquids or foods in

addition to breast milk or instead of breast milk. More children are receiving breast milk and plain water only (29%) and breast milk and animal milk and/or infant formula (23%) at 2–3 months than at the earliest age (0–1 month). By age 4–5 months, the percentage of children exclusively breastfed decreases to 18%, and more than 4 out of 5 children (82%) are receiving liquids or foods other than breast milk, primarily breast milk and animal milk and/or infant formula (29%) (**Table 11.4** and **Table 11.5**). Overall, 41% of children under age 6 months are exclusively breastfed, while 9% are not breastfed at all.

**Trends:** Exclusive breastfeeding among children under age 6 months has increased steadily over time, from 34% in 2012 and 36% in 2017 to 41% in 2023.

### Patterns by background characteristics

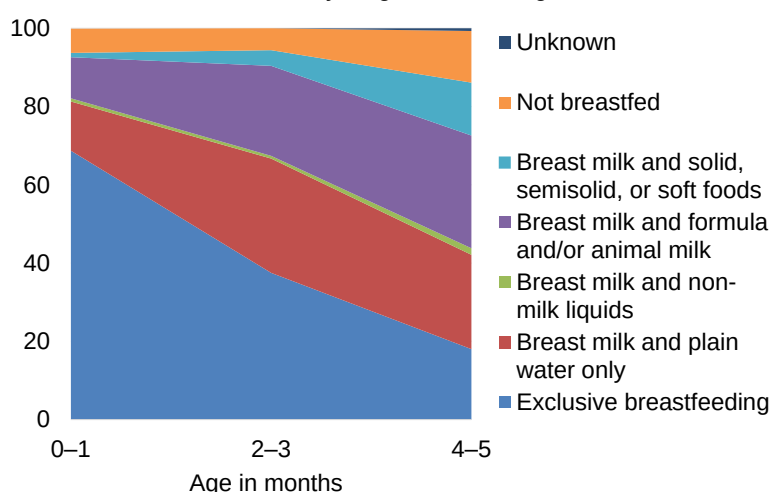
- Exclusive breastfeeding among children age 0–5 months generally increases with increasing mother's education, from 31% among those whose mothers have a general basic education to 52% among those whose mothers have a higher education (**Table 11.4**).
- Exclusive breastfeeding among children age 0–5 months is slightly higher in rural areas (42%) than in urban areas (37%). Conversely, mixed milk feeding among children age 0–5 months is less prevalent in rural (21%) than urban (28%) areas.
- Exclusive breastfeeding among children under age 6 months varies widely by region, from 25% in Dushanbe to 51% in Sughd. Mixed milk feeding is highest in Dushanbe (34%).

### 11.3.3 Continued Breastfeeding and Bottle Feeding

Breastfeeding should continue for the first 2 years or beyond because breast milk lowers children's risk of illness, promotes their recovery during illness, and remains an important source of nutrients for healthy growth and development. Longer durations of breastfeeding have many health benefits for women, including reducing risks of certain breast and ovarian cancers and diabetes. The nipple on a feeding bottle is susceptible to contamination and increases the risk of disease among children (WHO and UNICEF 2021). Thus, bottle feeding is not recommended for children under age 2.

**Figure 11.2 Infant feeding practices by age**

Percent distribution of youngest children age 0–5 months



**Continued breastfeeding 12–23 months**

Percentage of children age 12–23 months who were fed breast milk during the previous day.

**Sample:** Children age 12–23 months

**Bottle feeding 0–23 months**

Percentage of children age 0–23 months who were fed from a bottle with a nipple during the previous day.

**Sample:** Children age 0–23 months

Fifty-five percent of children age 12–23 months are currently breastfeeding, with no difference by urban-rural residence. Forty-six percent of children age 0–23 months are bottle fed (**Table 11.4**).

**Patterns by background characteristics**

- The percentage of children age 0–23 months who are bottle fed is higher in urban areas than in rural areas (53% versus 43%) (**Table 11.4**). By region, the percentage varies from 41% in Khatlon to 59% in Dushanbe.
- The percentage of children age 12–23 months who are currently breastfeeding is highest in Khatlon (60%) and lowest in DRS (48%).

**11.3.4 Introduction of Complementary Foods**

After the first 6 months, breast milk alone is no longer sufficient to meet all of the nutritional needs of an infant. After 6 months, appropriate complementary foods should be introduced while breastfeeding is continued until age 2 or older. The transition from exclusive breastfeeding to complementing breastfeeding with family foods is when children are most vulnerable to becoming undernourished. During this time, it is important that children receive solid, semisolid, or soft foods (WHO 2003; WHO and UNICEF 2021).

**Introduction of solid, semisolid, or soft foods 6–8 months**

Percentage of children age 6–8 months who were fed solid, semisolid, or soft foods during the previous day.

**Sample:** Youngest children age 6–8 months living with their mother

Overall, 56% of children were introduced to solid, semisolid, or soft foods at age 6–8 months (**Table 11.10**).

**11.3.5 Minimum Dietary Diversity, Minimum Meal Frequency, Minimum Milk Feeding Frequency, Minimum Acceptable Diet, and Egg and/or Flesh Food Consumption**

Infants and young children should be fed a minimum acceptable diet, which means that they are fed meals with appropriate frequency and a variety of foods to meet their energy and nutrient needs. The minimum acceptable diet indicator is a combination of minimum dietary diversity and minimum meal frequency for breastfeeding children and the same combination along with minimum milk feeding frequency for nonbreastfed children.

Minimum dietary diversity is a proxy for adequate micronutrient density of foods. Consumption of food from at least five groups means that the child has a higher likelihood of consuming at least one animal source of food and at least one fruit or vegetable in addition to a staple food such as grains, roots, or tubers. The five groups should come from a list of eight food groups: breast milk; grains, roots, and tubers;



legumes and nuts; dairy products (milk, yogurt, and cheese); flesh foods (meat, fish, poultry, and organ meat); eggs; vitamin A-rich fruits and vegetables; and other fruits and vegetables.

Minimum meal frequency is a proxy for meeting energy requirements. Breastfed children age 6–8 months are considered to be fed with a minimum meal frequency if they receive solid, semisolid, or soft foods at least twice a day. Breastfed children age 9–23 months are considered to be fed with a minimum meal frequency if they receive solid, semisolid, or soft foods at least three times a day. Nonbreastfed children age 6–23 months are considered to be fed with a minimum meal frequency if they receive solid, semisolid, or soft foods or milk feeds at least four times a day and if at least one of the feeds is a solid, semisolid, or soft food.

Minimum milk feeding frequency is a proxy for meeting the nutrient needs of nonbreastfed children. Milk and milk products are important sources of nutrients. Nonbreastfed children age 6–23 months are considered to be fed with a minimum milk feeding frequency if they receive at least two feeds of milk and/or milk products each day.

Egg and/or flesh food consumption by breastfed and nonbreastfed children age 6–23 months increases energy, protein, and nutrient intake. Eggs, meat, fish, poultry, and organ meats are important sources of nutrients that support healthy child growth (WHO and UNICEF 2021).

#### **Minimum dietary diversity 6–23 months**

Percentage of children age 6–23 months who were fed a minimum of five out of eight defined food groups during the previous day. The eight food groups are as follows: breast milk; grains, roots, and tubers; legumes and nuts; dairy products (milk, yogurt, and cheese); flesh foods (meat, fish, poultry, and organ meat); eggs; vitamin A-rich fruits and vegetables; and other fruits and vegetables.

#### **Minimum meal frequency 6–23 months**

Percentage of children age 6–23 months who were fed solid, semisolid, or soft foods (including milk feeds for non-breastfed children) the minimum number of times or more during the previous day.

#### **Minimum milk feeding frequency 6–23 months**

Percentage of non-breastfed children age 6–23 months who were given at least two milk feeds during the previous day.

#### **Minimum acceptable diet 6–23 months**

Percentage of children age 6–23 months who were fed a minimum acceptable diet during the previous day. This indicator is a composite of children fed with a minimum dietary diversity and a minimum meal frequency, with the additional requirement that nonbreastfed children are fed with a minimum milk feeding frequency.

**Sample:** Youngest children age 6–23 months living with their mother

#### **Egg and/or flesh food consumption 6–23 months**

Percentage of children age 6–23 months who were fed eggs and/or flesh food during the previous day.

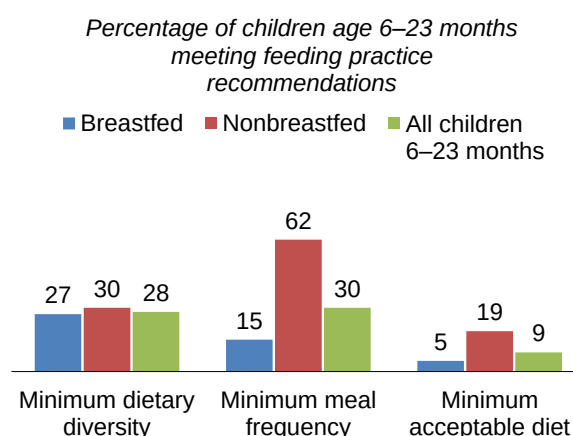
**Sample:** Youngest children age 6–23 months living with their mother



Twenty-eight percent of children age 6–23 months received the minimum number of food groups during the day or night prior to the survey (27% of breastfed children and 30% of nonbreastfed children), while 30% were fed the minimum number of times (15% of breastfed children and 62% of nonbreastfed children). Overall, 9% of children were fed a minimum acceptable diet (5% of breastfed children and 19% of nonbreastfed children) (Table 11.8 and Figure 11.3).

Forty-two percent of children age 6–23 months consumed eggs and/or flesh foods during the day or night preceding the survey (Table 11.9).

**Figure 11.3 IYCF indicators on minimum acceptable diet by breastfeeding status**



### Patterns by background characteristics

- Minimum dietary diversity, minimum meal frequency, minimum acceptable diet, and consumption of eggs and/or flesh foods generally increase with increasing mother's education and household wealth (Table 11.8 and Table 11.9).
- By region, minimum dietary diversity ranges from a low of 18% in Khatlon to a high of 46% in Sughd.
- Eleven percent of children in urban areas are fed a minimum acceptable diet, as compared with 8% in rural areas.
- Consumption of eggs and/or flesh food is higher among nonbreastfeeding children (57%) than among breastfeeding children (35%).
- Over half of children in Sughd (58%) consumed eggs and/or flesh food during the day or night preceding the survey, compared with 32%–48% of children in other regions.

### 11.3.6 Sweet Beverage Consumption, Unhealthy Food Consumption, and Zero Vegetable or Fruit Consumption among Children

Unhealthy infant and young child feeding practices should be avoided because they can replace nutritious foods that provide important nutrients for children and promote unhealthy weight gain. For infants and young children, consumption of sweet foods and beverages increases the risk of dental caries and obesity in childhood. In addition, too much salt in the diet increases the risk of noncommunicable diseases, and unhealthy fats and refined carbohydrates contribute to unhealthy weight gain. Children consuming diets low in vegetables and fruits have reduced nutrient intakes, which can negatively impact healthy growth and development; low vegetable and fruit consumption is also associated with noncommunicable diseases later in life. The indicator definition below for unhealthy food consumption describes “sentinel unhealthy foods,” which are foods high in sugar, salt, and/or unhealthy fats that are commonly consumed by infants and young children (WHO and UNICEF 2021).

### Sweet beverage consumption 6–23 months

Percentage of children age 6–23 months who were given a sweet beverage during the previous day.

### Unhealthy food consumption 6–23 months

Percentage of children age 6–23 months who were fed sentinel unhealthy foods during the previous day.

### Zero vegetable or fruit consumption 6–23 months

Percentage of children age 6–23 months who were not fed any vegetables or fruits during the previous day.

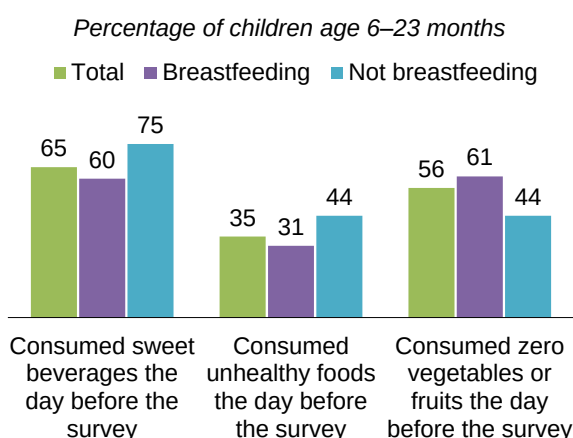
**Sample:** Youngest children age 6–23 months living with their mother

Sixty-five percent of children age 6–23 months consumed sweet beverages, 35% consumed unhealthy foods, and 56% did not consume any vegetables or fruits during the day or night preceding the survey (Table 11.9).

### Patterns by background characteristics

- The percentages of children who consumed sweet beverages and unhealthy foods the day before the survey are higher among those who are not breastfeeding (75% and 44%, respectively) than among those who are breastfeeding (60% and 31%, respectively). However, 61% of breastfeeding children did not consume any fruits or vegetables the day or night before the survey, as compared with 44% of nonbreastfeeding children (Figure 11.4).
- There is no difference in unhealthy food consumption by urban-rural residence (35%) (Table 11.9).
- The percentage of children who consume unhealthy foods generally increases with increasing household wealth. In contrast, the percentage who do not consume vegetables or fruits generally decreases with increasing household wealth.

**Figure 11.4 Unhealthy feeding practices among children age 6–23 months by breastfeeding status**



### 11.3.7 Infant and Young Child Feeding (IYCF) Indicators

Table 11.10 summarizes all 17 WHO-UNICEF IYCF indicators.

## 11.4 INFANT AND YOUNG CHILD FEEDING COUNSELING

IYCF counseling helps support appropriate breastfeeding and complementary feeding practices (WHO 2003; WHO 2018). Counseling is an interactive process that helps empower mothers and caregivers to follow the recommended IYCF practices. Counseling can take place in health facilities and the community and is delivered by trained health providers, community health workers, and others in the community.

### Mothers who received IYCF counseling in the past 6 months

Percentage of mothers with children age 6–23 months who received IYCF counseling in the past 6 months from a health care provider or community health worker.

**Sample:** Women whose youngest child age 6–23 months is living with them

Forty-four percent of women with a child age 6–23 months were counseled by a health care provider in the previous 6 months about how or what to feed their child (**Table 11.11**).

### Patterns by background characteristics

- Fifty-nine percent of mothers in urban areas received IYCF counseling, as compared with 39% of mothers in rural areas (**Table 11.11**).
- The percentage of mothers receiving IYCF counseling generally increases with increasing household wealth, from 32% in the lowest wealth quintile to 64% in the highest quintile.
- By region, the percentage of mothers who received IYCF counseling ranges from a low of 30% in Khatlon to a high of 76% in Dushanbe.

## 11.5 ANEMIA IN CHILDREN

Anemia is a condition characterized by an insufficient level of hemoglobin in the blood (Chaparro and Suchdev 2019). Hemoglobin is a protein responsible for transporting oxygen in the blood. In children, anemia can impair cognitive development and is associated with long-term health consequences. When anemia is severe, it can cause death (Chaparro and Suchdev 2019).

### Anemia in children

| Anemia status     | Hemoglobin level in grams/deciliter* |                           |
|-------------------|--------------------------------------|---------------------------|
|                   | Children age 6–23 months             | Children age 24–59 months |
| Anemic            | <10.5                                | <11.0                     |
| Mildly anemic     | 9.5–10.4                             | 10.0–10.9                 |
| Moderately anemic | 7.0–9.4                              | 7.0–9.9                   |
| Severely anemic   | <7.0                                 | <7.0                      |
| Not anemic        | ≥10.5                                | ≥11.0                     |

\* Hemoglobin levels are adjusted for altitude according to WHO 2024.

**Sample:** Children age 6–59 months

In 2024, WHO released new guidelines on hemoglobin cutoffs to define anemia in children and women (WHO 2024). In addition, the guidelines have updated the methodology for making altitude and cigarette smoking adjustments to hemoglobin levels. The new guidelines also recommend using venous blood to measure hemoglobin levels. This is because recent evidence shows that the type of blood source (e.g., venous blood or capillary blood) can result in different hemoglobin levels and anemia estimates (Hackl et al. 2024; Namaste et al. 2024; Neufeld et al. 2019; Stevens et al. 2022). Hemoglobin levels (and anemia estimates) based on different blood source types should not be compared.

The results for children presented in this report use the new cutoffs to define anemia and have been adjusted for altitude according to the latest WHO guidance.<sup>1</sup> However, at the time of survey data collection, single-drop capillary blood was still recommended and was used to measure hemoglobin (see Chapter 1) (WHO 2011c). Therefore, caution is advised when interpreting the anemia estimates in this survey and any others that have used single-drop capillary blood. In addition, it is not advisable to examine trends in anemia prevalence estimates derived using different blood testing methods, adjustment factors, or hemoglobin cutoffs.

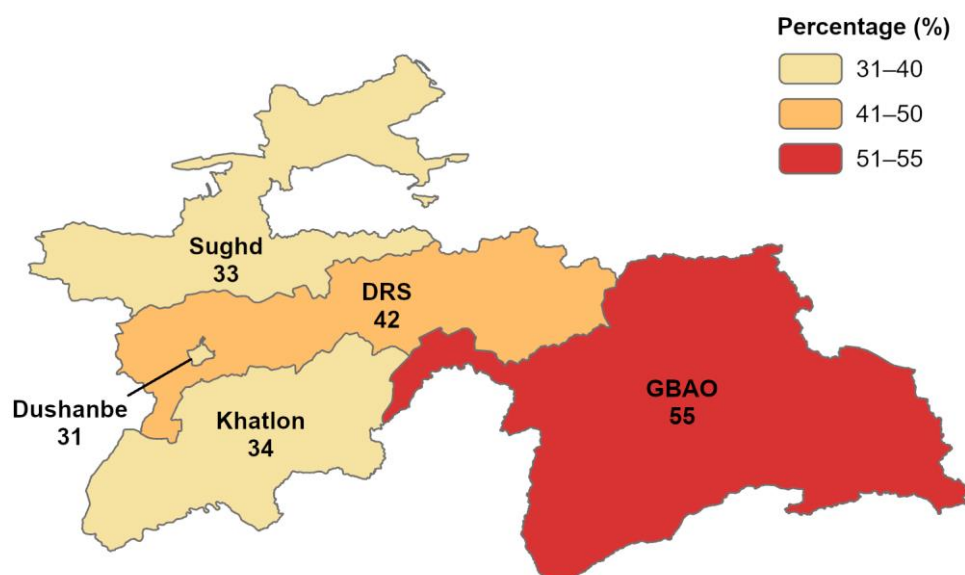
Anemia testing using capillary blood was successfully completed for 96% of eligible children (Appendix C, **Table C.6**). Overall, 35% of children age 6–59 months are anemic. Most children have mild anemia (24%). Eleven percent have moderate anemia, and less than 1% have severe anemia (**Table 11.12**).

### Patterns by background characteristics

- The percentage of children with anemia ranges widely among the regions, from 31% in Dushanbe to 55% in GBAO (**Map 11.2**).
- The mean hemoglobin level among children age 6–23 months (10.8 g/dl) is lower than that among children age 24–59 months (11.3 g/dl) (**Table 11.12**).
- The percentage of children with anemia is higher in rural areas (37%) than in urban areas (32%).
- The percentage of children with anemia declines with increasing household wealth, from 40% in the lowest wealth quintile to 28% in the highest wealth quintile.

### Map 11.2 Anemia in children by region

Percentage of children age 6–59 months with any anemia



<sup>1</sup> Anemia estimates based on the 2024 WHO guidelines are expected to result in lower anemia estimates for children age 6–23 months compared to estimates derived from the 2011 guidelines. For children age 24–59 months, anemia estimates are expected to be higher than under the 2011 WHO guidelines. For reference, **Table C.16** and **Table C.17** in Appendix C include the anemia estimates based on the 2011 WHO guidelines.

## 11.6 MICRONUTRIENT SUPPLEMENTATION AMONG CHILDREN

Micronutrient deficiency is a major contributor to childhood morbidity and mortality. Micronutrient deficiency can be caused by a lack of consumption of foods that supply vitamins and minerals, as well as by infections and genetic abnormalities. Strategies to prevent or address micronutrient deficiency include agricultural approaches such as biofortification, food-based approaches that can be complemented with food fortification, and, for specific life stages and population groups, direct micronutrient supplementation (USAID 2019).

Iron is a micronutrient that plays an important role in numerous biological systems. Iron deficiency is one of the primary causes of anemia. Interventions targeting iron deficiency and anemia include periodically giving children iron tablets or syrup (WHO 2011a; WHO 2016a; WHO 2016b).

Vitamin A is a micronutrient that supports the immune system and plays an important role in maintaining the epithelial tissue in the body. Severe vitamin A deficiency can cause eye damage, increase the severity of infections such as those causing measles, and slow recovery from illness. Vitamin A supplementation programs help reduce vitamin A deficiency and mortality in children (WHO 2011b).

### **Iron tablets or syrup**

Percentage of children age 6–59 months who were given iron tablets or syrup in the past 12 months.

**Sample:** Children age 6–59 months

### **Vitamin A supplements**

Percentage of children age 6–59 months who were given vitamin A supplements in the past 6 months.

**Sample:** Children age 6–59 months

Overall, 56% of children age 6–59 months were given iron-containing supplements in the past 12 months and 72% were given vitamin A supplements in the past 6 months (**Table 11.13**).

### **Patterns by background characteristics**

- The percentages of children given vitamin A supplements and iron-containing supplements increase with increasing household wealth.
- The percentages of children receiving iron-containing supplements and vitamin A supplements are higher in urban areas (66% and 78%, respectively) than in rural areas (53% and 70%, respectively).
- By region, the percentage of children given iron-containing supplements is lowest in Sughd (50%) and highest in Dushanbe (79%). The percentage of children receiving vitamin A supplements ranges from 67% in Khatlon to 86% in GBAO.

## 11.7 WOMEN'S NUTRITIONAL STATUS

Chronic energy deficiency is caused by eating too little or having an unbalanced diet that lacks adequate nutrients. Women of reproductive age (age 15–49) are especially vulnerable to chronic energy deficiency and malnutrition due to low dietary intakes, inequitable distribution of food within the household, improper food storage and preparation, dietary taboos, infectious diseases, and inadequate care practices. Chronic energy deficiency leads to low productivity among adults and greater morbidity and mortality (WHO 1995). In addition, undernutrition among women is a major risk factor for adverse birth outcomes. Overweight and obesity have adverse health outcomes as well. Overweight and obesity are major risk factors for several chronic diseases, including diabetes, cardiovascular diseases, and cancer.

Body mass index (BMI) is the ratio of weight relative to height squared; it is used to measure nutritional status among adults age 20–49. BMI values are independent of age and sex. Adult women age 20–49 whose height is less than 145 centimeters are classified as being of short stature.

BMI-for-age, the ratio of weight relative to height for different age groups, is used to measure nutritional status among children and adolescents age 5–19 (WHO 2007). BMI-for-age is sex and age specific. The reason is that adolescents are still growing, and the timing of peak growth velocity differs in boys and girls. In the DHS surveys, BMI-for-age is reported among adolescents age 15–19. Similarly, short stature among adolescent women (age 15–19) is assessed according to low height-for-age.

### Body mass index (BMI)

BMI is calculated by dividing weight in kilograms by height in meters squared ( $\text{kg/m}^2$ ).

| Adult status        | BMI                           |
|---------------------|-------------------------------|
| Too thin for height | Less than 18.5                |
| Normal              | Between 18.5 and 24.9         |
| Overweight          | Between 25.0 and 29.9         |
| Obese               | Greater than or equal to 30.0 |

**Sample:** Women age 20–49 who are not pregnant and who have not had a birth in the 2 months before the survey

### BMI-for-age

BMI-for-age is measured in z score standard deviations (SD).

| Adolescent status   | BMI-for-age             |
|---------------------|-------------------------|
| Too thin for height | Less than -1 SD         |
| Normal              | Between -1 SD and +1 SD |
| Overweight          | Between +1 SD and +2 SD |
| Obese               | Greater than +2 SD      |

**Sample:** Women age 15–19 who are not pregnant and who have not had a birth in the 2 months before the survey

### Short stature

Percentage of women age 20–49 with height under 145 cm.

**Sample:** Women age 20–49

Percentage of women age 15–19 with height-for-age z score less than -2 SD.

**Sample:** Women age 15–19

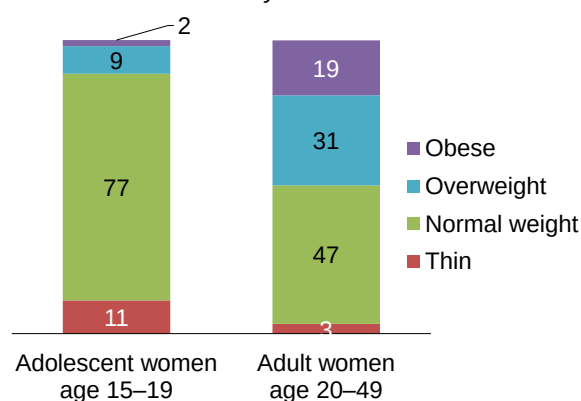
Height and weight data were collected for 99% of eligible women age 15–49 (Appendix C, **Table C.6**). During measurements, 17% of women had hairstyles or ornamentation that interfered with height measurement, and 7% of women were not wearing lightweight clothing or wore heavy permanent ornaments that interfered with weight measurement (Appendix C, **Table C.11**).

Among women age 20–49, data on height and weight were used to calculate two measures of nutritional status: height and BMI. Overall, 1% of women are shorter than 145 cm. Three percent of women are thin, while 50% are overweight or obese (**Table 11.14.1** and **Figure 11.5**).

Among adolescent women age 15–19, data on height, weight, and age were used to calculate two measures of nutritional status: height-for-age and BMI-for-age. Overall, 9% of young women are of short stature, 11% are thin, and 12% are overweight or obese (**Table 11.14.2** and **Figure 11.5**).

**Figure 11.5 Nutritional status of adolescent and adult women**

*Percent distribution of women age 15–19 and 20–49 by nutritional status*



### Patterns by background characteristics

- Among women age 20–49, overweight or obesity increases with age, from 31% among women age 20–29 to 69% among women age 40–49 (**Table 11.14.1**).
- The percentage of women age 20–49 classified as thin is higher in GBAO (9%) than in the other regions (3%–4%) (**Table 11.14.1**).
- Among adolescent women age 15–19, the percentage who are overweight or obese is highest in Sughd (14%) and lowest in GBAO (9%) (**Table 11.14.2**).

## 11.8 WOMEN'S DIETARY PRACTICES

Dietary practices that support a healthy diet include eating a variety of different foods and food groups and limiting consumption of sugary beverages and unhealthy foods. Eating a variety of unprocessed foods helps women consume the appropriate amount of essential vitamins and minerals. A healthy diet also protects against overweight, obesity, and noncommunicable diseases.

Minimum dietary diversity for women is an indicator of diet diversity validated for nonpregnant women age 15–49. The indicator is based on 10 food groups: grains, white/pale starchy roots, tubers, and plantains; pulses (beans, peas, and lentils); nuts and seeds; dairy (milk and milk products); flesh foods (meat, fish, poultry, and organ meat); eggs; dark green leafy vegetables; vitamin-A rich fruits and vegetables; other vegetables; and other fruits. Women who consumed at least five of the 10 possible food groups in the 24 hours before the survey were classified as having minimally adequate dietary diversity. Deficiencies in micronutrients such as iron, iodine, vitamin A, folate, and zinc can have devastating consequences for the human body. Women, particularly those of childbearing age, are especially vulnerable due to their greater needs for essential vitamins and minerals. Having minimally adequate dietary diversity is important for micronutrient adequacy (FAO 2021).

Unhealthy foods and sweet beverages should be limited because they are associated with overweight, obesity, and noncommunicable diseases (Askari et al. 2020). Overweight and obesity among women can affect reproductive health and increase complications in pregnancy (Mitchell and Shaw 2015). The indicator for unhealthy food consumption describes “sentinel unhealthy foods,” which are fried foods or foods high in sugar, salt, and/or unhealthy fats that are commonly consumed by women (FAO 2021).



### Minimum dietary diversity for women

Percentage of women who consumed foods from at least five out of 10 defined food groups during the previous day. The 10 food groups are as follows: grains, white/pale starchy roots, tubers, and plantains; pulses (beans, peas, and lentils); nuts and seeds; dairy (milk and milk products); flesh foods (meat, fish, poultry, and organ meat); eggs; dark green leafy vegetables; vitamin-A rich fruits and vegetables; other vegetables; and other fruits.

**Sample:** Women age 15–49

### Sweet beverage consumption

Percentage of women who consumed sweet beverages during the previous day.

**Sample:** Women age 15–49

### Unhealthy food consumption

Percentage of women who consumed selected sentinel unhealthy foods during the previous day.

**Sample:** Women age 15–49

The most commonly consumed foods among women age 15–49 are those made from grains (99%); roots, tubers, and plantains (90%); and meat, fish, poultry, and organ meat (86%). The foods consumed least often are fried and salty foods (15%) and sodas, malt drinks, sports drinks, and energy drinks (27%) (**Table 11.15**). Overall, 87% of women age 15–49 consumed foods from at least five of the 10 defined food groups during the day or night preceding the survey, while 95% consumed sweet beverages and 67% consumed unhealthy foods (**Table 11.16**).

### Patterns by background characteristics

- Minimum dietary diversity among women is greater than 80% across all regions and ranges from 82% in Khatlon to 95% in Sughd.
- Unhealthy food consumption increases as household wealth increases, from 49% among women in the lowest wealth quintile to 78% among those in the highest wealth quintile. The same pattern is observed with education; the percentage of women consuming unhealthy foods increases from 54% among those with no education or a primary education to 74% among those with a higher education (**Table 11.16**).

## 11.9 ANEMIA IN WOMEN

Anemia in adults can cause fatigue, lethargy, reduced physical productivity, and poor work performance (Chaparro and Suchdev 2019). Anemia is a major concern among pregnant women because it can lead to increased maternal mortality and poor birth outcomes (Haider et al. 2013).



| Anemia in women   |                                      |                          |                  |                 |
|-------------------|--------------------------------------|--------------------------|------------------|-----------------|
| Anemia status     | Hemoglobin level in grams/deciliter* |                          |                  |                 |
|                   | Nonpregnant women age 15–49          | Pregnant women age 15–49 |                  |                 |
|                   |                                      | First trimester          | Second trimester | Third trimester |
| Anemic            | <12.0                                | <11.0                    | <10.5            | <11.0           |
| Mildly anemic     | 11.0–11.9                            | 10.0–10.9                | 9.5–10.4         | 10.0–10.9       |
| Moderately anemic | 8.0–10.9                             | 7.0–9.9                  | 7.0–9.4          | 7.0–9.9         |
| Severely anemic   | <8.0                                 | <7.0                     | <7.0             | <7.0            |
| Not anemic        | ≥12.0                                | ≥11.0                    | ≥10.5            | ≥11.0           |

\* Hemoglobin levels are adjusted for cigarette smoking and for altitude according to WHO 2024.

**Sample:** Women age 15–49

As described in Section 11.5, WHO released new guidelines on the preferred blood source for measuring hemoglobin, the methodology for adjusting hemoglobin levels for altitude and cigarette smoking, and the hemoglobin cutoffs used to define anemia (WHO 2024).<sup>2</sup> Under this new guidance, the cutoffs to define anemia among pregnant women have changed.

The results for women presented in this report use the new cutoffs to define anemia and have been adjusted for altitude and cigarette smoking according to the latest WHO guidelines. However, since single-drop capillary blood rather than venous blood was used to measure hemoglobin (see Chapter 1), caution is advised when interpreting the anemia estimates in this survey and any others that have used single-drop capillary blood. In addition, it is not advisable to examine trends in anemia prevalence estimates derived using different blood testing methods, adjustment factors, or hemoglobin cutoffs.

Anemia testing using capillary blood was successfully completed for 96% of eligible women (Appendix C, **Table C.6**). Overall, 36% of women age 15–49 were classified as anemic. The majority of women have mild anemia (21%). Fourteen percent have moderate anemia, and less than 1% have severe anemia (**Table 11.17**).

### Patterns by background characteristics

- The prevalence of severe anemia is higher among women who have given birth to six or more children (3%) than among women who have given birth to five or fewer children (1%) (**Table 11.17**).
- The percentage of women with anemia is lower in urban areas (33%) than in rural areas (37%).
- Anemia prevalence decreases with increasing household wealth, from 38% among women in the lowest wealth quintile to 33% among those in the highest quintile.
- By region, the percentage of women with anemia is lowest in Dushanbe (28%) and highest in GBAO (42%).

<sup>2</sup> Anemia estimates based on the 2024 WHO guidelines are expected to result in lower anemia estimates for pregnant women in the second trimester compared to estimates derived from the 2011 guidelines. For nonpregnant women and pregnant women in the first and third trimesters, anemia estimates are expected to be higher than under the 2011 WHO guidelines. For reference, **Table C.16** and **Table C.17** in Appendix C include the anemia estimates based on the 2011 WHO guidelines.

## 11.10 PRESENCE OF IODIZED SALT IN HOUSEHOLDS

Iodine is a micronutrient that plays an important role in thyroid function, which is critical for reproductive function, growth, and development. It is recommended that household salt be fortified with iodine. Sufficient iodine prevents goiter, brain damage, and other thyroid-related health problems (WHO 2014b).

### Household salt iodization

Percentage of households with iodized salt.

**Sample:** Households in which salt was tested for iodine content

In Tajikistan, salt is fortified with potassium iodate. The 2023 TjDHS tested for the presence of potassium iodate in salt available in the household using a rapid test kit. Among households with tested salt, 84% had iodized salt. Less than 1% of households did not have salt on the day of the survey (**Table 11.18**).

### Patterns by background characteristics

- The percentage of households with iodized salt is higher in urban than rural areas (91% versus 81%).
- By region, the percentage of households with iodized varies from a low of 75% in GBAO to a high of 97% in Dushanbe.
- The percentage of households with iodized salt increases with increasing wealth, from 76% in the lowest wealth quintile to 93% in the highest wealth quintile.

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**Table 11.1 Nutritional status of children**

Percentage of children under age 5 classified as malnourished according to three anthropometric indices of child growth: height-for-age, weight-for-height, and weight-for-age, according to background characteristics, Tajikistan DHS 2023

| Background characteristic                         | Height-for-age <sup>1</sup> |                                      |                   |                    | Weight-for-height       |                                      |                         |                   |                    | Weight-for-age          |                                      |                   |                    |
|---------------------------------------------------|-----------------------------|--------------------------------------|-------------------|--------------------|-------------------------|--------------------------------------|-------------------------|-------------------|--------------------|-------------------------|--------------------------------------|-------------------|--------------------|
|                                                   | Percent-age below -3 SD     | Percent-age below -2 SD <sup>2</sup> | Mean z score (SD) | Number of children | Percent-age below -3 SD | Percent-age below -2 SD <sup>2</sup> | Percent-age above +2 SD | Mean z score (SD) | Number of children | Percent-age below -3 SD | Percent-age below -2 SD <sup>2</sup> | Mean z score (SD) | Number of children |
| <b>Age in months</b>                              |                             |                                      |                   |                    |                         |                                      |                         |                   |                    |                         |                                      |                   |                    |
| <6                                                | 1.7                         | 5.8                                  | 0.3               | 626                | 5.4                     | 14.6                                 | 5.0                     | -0.4              | 632                | 0.6                     | 4.0                                  | -0.1              | 641                |
| 6–11                                              | 3.3                         | 9.3                                  | -0.1              | 557                | 1.5                     | 9.4                                  | 3.3                     | -0.1              | 554                | 0.7                     | 5.2                                  | -0.2              | 558                |
| 12–23                                             | 3.8                         | 13.6                                 | -0.6              | 1,033              | 1.4                     | 9.3                                  | 4.5                     | -0.1              | 1,038              | 1.0                     | 6.4                                  | -0.4              | 1,044              |
| 24–35                                             | 4.3                         | 16.9                                 | -0.9              | 988                | 0.7                     | 2.7                                  | 4.6                     | 0.2               | 988                | 0.9                     | 4.7                                  | -0.3              | 996                |
| 36–47                                             | 5.8                         | 17.0                                 | -0.9              | 1,057              | 0.9                     | 3.3                                  | 5.2                     | 0.1               | 1,052              | 1.1                     | 6.5                                  | -0.4              | 1,060              |
| 48–59                                             | 3.8                         | 14.4                                 | -0.9              | 1,037              | 1.0                     | 3.4                                  | 4.4                     | 0.1               | 1,030              | 0.7                     | 3.8                                  | -0.4              | 1,045              |
| 0–23                                              | 3.1                         | 10.3                                 | -0.2              | 2,216              | 2.5                     | 10.8                                 | 4.3                     | -0.2              | 2,224              | 0.8                     | 5.4                                  | -0.2              | 2,243              |
| 24–59                                             | 4.6                         | 16.1                                 | -0.9              | 3,082              | 0.9                     | 3.2                                  | 4.7                     | 0.2               | 3,069              | 0.9                     | 5.0                                  | -0.4              | 3,102              |
| <b>Sex</b>                                        |                             |                                      |                   |                    |                         |                                      |                         |                   |                    |                         |                                      |                   |                    |
| Male                                              | 4.1                         | 15.1                                 | -0.6              | 2,782              | 2.1                     | 6.9                                  | 3.9                     | -0.0              | 2,765              | 1.1                     | 5.6                                  | -0.4              | 2,793              |
| Female                                            | 3.8                         | 12.0                                 | -0.6              | 2,516              | 1.1                     | 5.8                                  | 5.2                     | 0.0               | 2,528              | 0.6                     | 4.7                                  | -0.3              | 2,552              |
| <b>Birth interval in months<sup>3</sup></b>       |                             |                                      |                   |                    |                         |                                      |                         |                   |                    |                         |                                      |                   |                    |
| First birth <sup>4</sup>                          | 3.9                         | 12.4                                 | -0.6              | 1,368              | 1.8                     | 5.7                                  | 3.8                     | -0.0              | 1,369              | 0.6                     | 5.4                                  | -0.3              | 1,382              |
| <24                                               | 4.4                         | 15.2                                 | -0.7              | 1,367              | 1.5                     | 7.1                                  | 4.9                     | -0.0              | 1,362              | 1.0                     | 5.4                                  | -0.4              | 1,372              |
| 24–47                                             | 4.1                         | 14.2                                 | -0.7              | 1,504              | 1.2                     | 6.0                                  | 5.1                     | 0.0               | 1,504              | 0.9                     | 4.9                                  | -0.3              | 1,524              |
| 48+                                               | 3.3                         | 12.3                                 | -0.5              | 966                | 1.8                     | 7.0                                  | 4.6                     | -0.0              | 964                | 1.1                     | 4.9                                  | -0.3              | 974                |
| <b>Size at birth<sup>3,5</sup></b>                |                             |                                      |                   |                    |                         |                                      |                         |                   |                    |                         |                                      |                   |                    |
| Very small                                        | *                           | *                                    | *                 | 19                 | *                       | *                                    | *                       | *                 | 19                 | *                       | *                                    | *                 | 19                 |
| Small                                             | 4.2                         | 19.0                                 | -0.8              | 249                | 3.1                     | 14.1                                 | 2.9                     | -0.4              | 253                | 1.9                     | 8.2                                  | -0.7              | 256                |
| Average or larger                                 | 3.3                         | 11.6                                 | -0.4              | 2,827              | 1.9                     | 7.8                                  | 4.6                     | -0.0              | 2,830              | 0.7                     | 4.7                                  | -0.2              | 2,854              |
| Don't know                                        | (2.0)                       | (9.2)                                | -0.5              | 59                 | (0.0)                   | (13.7)                               | (4.8)                   | -0.1              | 59                 | (0.0)                   | (6.5)                                | -0.3              | 61                 |
| <b>Mother's interview status</b>                  |                             |                                      |                   |                    |                         |                                      |                         |                   |                    |                         |                                      |                   |                    |
| Interviewed                                       | 3.9                         | 13.6                                 | -0.6              | 5,205              | 1.6                     | 6.4                                  | 4.6                     | 0.0               | 5,200              | 0.9                     | 5.2                                  | -0.3              | 5,252              |
| Not interviewed but in household                  | (11.4)                      | (22.2)                               | -0.9              | 43                 | (3.1)                   | (7.1)                                | (3.2)                   | -0.1              | 43                 | (1.3)                   | (8.6)                                | -0.5              | 43                 |
| Not interviewed and not in household <sup>6</sup> | 0.4                         | 9.6                                  | -0.1              | 50                 | 3.3                     | 3.3                                  | 1.9                     | 0.2               | 50                 | 0.0                     | 2.3                                  | 0.0               | 50                 |
| <b>Mother's age at birth<sup>3</sup></b>          |                             |                                      |                   |                    |                         |                                      |                         |                   |                    |                         |                                      |                   |                    |
| <20                                               | 4.0                         | 12.5                                 | -0.7              | 383                | 1.2                     | 4.2                                  | 5.4                     | 0.1               | 387                | 0.5                     | 3.9                                  | -0.2              | 389                |
| 20–34                                             | 3.9                         | 13.8                                 | -0.6              | 4,432              | 1.5                     | 6.5                                  | 4.6                     | 0.0               | 4,427              | 0.8                     | 5.1                                  | -0.3              | 4,467              |
| 35–49                                             | 3.9                         | 12.4                                 | -0.5              | 390                | 2.2                     | 7.1                                  | 3.5                     | -0.2              | 386                | 1.9                     | 7.0                                  | -0.4              | 396                |
| <b>Mother's nutritional status<sup>7</sup></b>    |                             |                                      |                   |                    |                         |                                      |                         |                   |                    |                         |                                      |                   |                    |
| Thin                                              | 2.2                         | 13.8                                 | -0.8              | 222                | 1.0                     | 10.7                                 | 4.6                     | -0.5              | 222                | 2.0                     | 11.7                                 | -0.7              | 225                |
| Normal                                            | 4.0                         | 15.4                                 | -0.7              | 2,446              | 1.6                     | 6.6                                  | 4.5                     | -0.0              | 2,443              | 1.0                     | 5.5                                  | -0.4              | 2,463              |
| Overweight/obese                                  | 4.2                         | 12.3                                 | -0.6              | 1,709              | 1.5                     | 5.1                                  | 5.2                     | 0.1               | 1,705              | 0.8                     | 4.4                                  | -0.3              | 1,724              |
| <b>Residence</b>                                  |                             |                                      |                   |                    |                         |                                      |                         |                   |                    |                         |                                      |                   |                    |
| Urban                                             | 2.6                         | 10.9                                 | -0.4              | 1,318              | 0.6                     | 3.7                                  | 4.7                     | 0.1               | 1,319              | 0.3                     | 4.1                                  | -0.2              | 1,325              |
| Rural                                             | 4.4                         | 14.6                                 | -0.7              | 3,980              | 1.9                     | 7.3                                  | 4.5                     | -0.0              | 3,974              | 1.0                     | 5.5                                  | -0.4              | 4,020              |
| <b>Region</b>                                     |                             |                                      |                   |                    |                         |                                      |                         |                   |                    |                         |                                      |                   |                    |
| Dushanbe                                          | 1.9                         | 8.7                                  | -0.4              | 539                | 0.0                     | 2.4                                  | 3.0                     | 0.1               | 540                | 0.3                     | 2.9                                  | -0.1              | 540                |
| GBAO                                              | 4.0                         | 14.8                                 | -0.9              | 76                 | 0.6                     | 2.3                                  | 2.9                     | 0.1               | 77                 | 1.6                     | 4.6                                  | -0.4              | 77                 |
| Sughd                                             | 2.8                         | 13.8                                 | -0.7              | 1,440              | 1.0                     | 3.0                                  | 6.0                     | 0.3               | 1,434              | 0.3                     | 4.1                                  | -0.2              | 1,441              |
| DRS                                               | 3.8                         | 13.9                                 | -0.7              | 1,239              | 0.9                     | 4.6                                  | 3.4                     | -0.0              | 1,243              | 1.1                     | 5.8                                  | -0.4              | 1,252              |
| Khatlon                                           | 5.4                         | 14.7                                 | -0.5              | 2,004              | 2.9                     | 11.1                                 | 4.7                     | -0.2              | 2,000              | 1.2                     | 6.1                                  | -0.4              | 2,035              |
| <b>FTF districts</b>                              | 6.1                         | 14.4                                 | -0.5              | 1,244              | 4.1                     | 13.8                                 | 4.7                     | -0.2              | 1,241              | 1.4                     | 6.7                                  | -0.4              | 1,270              |
| <b>Mother's education<sup>8</sup></b>             |                             |                                      |                   |                    |                         |                                      |                         |                   |                    |                         |                                      |                   |                    |
| None/primary                                      | 3.9                         | 17.5                                 | -0.8              | 281                | 0.4                     | 8.1                                  | 3.7                     | -0.0              | 285                | 0.9                     | 9.1                                  | -0.5              | 287                |
| General basic                                     | 3.7                         | 15.3                                 | -0.7              | 1,566              | 1.0                     | 4.4                                  | 4.9                     | 0.0               | 1,560              | 1.0                     | 5.4                                  | -0.4              | 1,577              |
| General secondary                                 | 4.3                         | 12.9                                 | -0.6              | 2,377              | 1.9                     | 7.7                                  | 4.3                     | -0.0              | 2,374              | 1.0                     | 4.7                                  | -0.3              | 2,400              |
| Professional primary/middle                       | 5.3                         | 14.3                                 | -0.5              | 434                | 2.6                     | 5.6                                  | 7.8                     | 0.1               | 430                | 0.7                     | 4.9                                  | -0.3              | 435                |
| Higher                                            | 2.7                         | 10.5                                 | -0.4              | 590                | 1.7                     | 6.2                                  | 3.0                     | -0.0              | 594                | 0.1                     | 4.7                                  | -0.2              | 597                |
| <b>Wealth quintile</b>                            |                             |                                      |                   |                    |                         |                                      |                         |                   |                    |                         |                                      |                   |                    |
| Lowest                                            | 4.7                         | 14.6                                 | -0.8              | 1,064              | 1.9                     | 7.5                                  | 3.4                     | -0.1              | 1,065              | 1.1                     | 6.2                                  | -0.5              | 1,071              |
| Second                                            | 4.2                         | 15.6                                 | -0.6              | 1,088              | 2.0                     | 7.8                                  | 3.8                     | -0.1              | 1,087              | 1.4                     | 6.6                                  | -0.4              | 1,096              |
| Middle                                            | 4.4                         | 13.5                                 | -0.6              | 1,058              | 1.0                     | 6.1                                  | 4.5                     | 0.0               | 1,059              | 0.6                     | 4.4                                  | -0.3              | 1,073              |
| Fourth                                            | 3.7                         | 14.1                                 | -0.6              | 1,074              | 2.5                     | 7.3                                  | 6.1                     | 0.1               | 1,067              | 0.8                     | 5.2                                  | -0.3              | 1,087              |
| Highest                                           | 2.8                         | 10.3                                 | -0.4              | 1,013              | 0.5                     | 3.0                                  | 5.1                     | 0.2               | 1,015              | 0.4                     | 3.4                                  | -0.1              | 1,018              |
| <b>Total</b>                                      | 4.0                         | 13.7                                 | -0.6              | 5,298              | 1.6                     | 6.4                                  | 4.6                     | 0.0               | 5,293              | 0.9                     | 5.2                                  | -0.3              | 5,345              |

Note: Each of the indices is expressed in standard deviation units (SD) from the median of the WHO Child Growth Standards. Figures in parentheses are based on 25–49 unweighted cases. An asterisk indicates that a figure is based on fewer than 25 unweighted cases and has been suppressed.

<sup>1</sup> Recumbent length is measured for children under age 2; standing height is measured for all other children.

<sup>2</sup> Includes children who are below -3 SD from the WHO Child Growth Standards population median

<sup>3</sup> Excludes children whose mothers were not interviewed

<sup>4</sup> First-born twins (triplets, etc.) are counted as first births because they do not have a previous birth interval.

<sup>5</sup> Information available only for children age 0–35 months

<sup>6</sup> Includes children whose mothers are deceased

<sup>7</sup> Excludes children whose mothers were not weighed and measured, children whose mothers were not interviewed, and children whose mothers are pregnant or gave birth within the preceding 2 months. Mother's nutritional status is defined using body mass index (BMI) for mothers age 20–49 and BMI-for-age for mothers age 15–19 (as presented in Tables 11.14.1 and 11.14.2).

<sup>8</sup> For women who are not interviewed, information is taken from the Household Questionnaire. Excludes children whose mothers are not listed in the Household Questionnaire.

**Table 11.2 Child growth monitoring**

Percentage of children under age 5 who had selected measurements performed by a health care provider in the 3 months preceding the survey, according to background characteristics, Tajikistan DHS 2023

| Background characteristic       | Weight | Height | Mid-upper-arm circumference (MUAC) | Weight and height | Weight, height, and MUAC | Number of children |
|---------------------------------|--------|--------|------------------------------------|-------------------|--------------------------|--------------------|
| <b>Age in months</b>            |        |        |                                    |                   |                          |                    |
| <6                              | 67.1   | 66.0   | 25.8                               | 65.5              | 25.4                     | 623                |
| 6–11                            | 66.7   | 64.3   | 28.7                               | 64.3              | 28.7                     | 547                |
| 12–23                           | 62.8   | 61.4   | 29.2                               | 61.1              | 29.0                     | 1,006              |
| 24–35                           | 52.3   | 50.5   | 24.9                               | 50.4              | 24.5                     | 958                |
| 36–47                           | 44.7   | 43.7   | 20.8                               | 43.6              | 20.3                     | 998                |
| 48–59                           | 40.2   | 39.0   | 20.4                               | 38.8              | 20.2                     | 1,000              |
| 0–23                            | 65.0   | 63.4   | 28.1                               | 63.2              | 27.9                     | 2,176              |
| 24–59                           | 45.6   | 44.3   | 22.0                               | 44.2              | 21.6                     | 2,956              |
| <b>Sex</b>                      |        |        |                                    |                   |                          |                    |
| Male                            | 54.4   | 53.1   | 25.8                               | 52.9              | 25.5                     | 2,686              |
| Female                          | 53.2   | 51.6   | 23.3                               | 51.5              | 23.0                     | 2,445              |
| <b>Mother's age</b>             |        |        |                                    |                   |                          |                    |
| 15–19                           | 52.7   | 50.2   | 20.6                               | 49.8              | 20.6                     | 382                |
| 20–29                           | 54.4   | 53.0   | 25.0                               | 52.8              | 24.6                     | 3,565              |
| 30–39                           | 52.5   | 51.1   | 24.4                               | 51.0              | 24.2                     | 1,112              |
| 40–49                           | 54.9   | 54.3   | 27.6                               | 54.3              | 27.6                     | 73                 |
| <b>Residence</b>                |        |        |                                    |                   |                          |                    |
| Urban                           | 68.6   | 67.9   | 37.2                               | 67.6              | 36.7                     | 1,286              |
| Rural                           | 48.9   | 47.2   | 20.3                               | 47.1              | 20.1                     | 3,846              |
| <b>Region</b>                   |        |        |                                    |                   |                          |                    |
| Dushanbe                        | 82.3   | 82.1   | 59.4                               | 81.5              | 58.5                     | 520                |
| GBAO                            | 83.8   | 83.5   | 76.2                               | 83.3              | 75.7                     | 71                 |
| Sughd                           | 67.1   | 65.7   | 12.8                               | 65.6              | 12.4                     | 1,381              |
| DRS                             | 34.6   | 33.2   | 29.4                               | 33.2              | 29.2                     | 1,215              |
| Khatlon                         | 47.8   | 45.9   | 18.7                               | 45.7              | 18.6                     | 1,946              |
| <b>FTF districts</b>            | 35.9   | 32.9   | 13.2                               | 32.8              | 13.2                     | 1,206              |
| <b>Mother's education</b>       |        |        |                                    |                   |                          |                    |
| None/primary                    | 38.2   | 38.6   | 22.8                               | 38.2              | 22.4                     | 280                |
| General basic                   | 47.4   | 45.6   | 27.3                               | 45.5              | 27.1                     | 1,532              |
| General secondary               | 54.5   | 52.7   | 19.9                               | 52.4              | 19.5                     | 2,319              |
| Professional primary/<br>middle | 60.1   | 59.5   | 19.2                               | 59.5              | 19.2                     | 415                |
| Higher                          | 71.3   | 70.8   | 40.8                               | 70.7              | 40.6                     | 585                |
| <b>Wealth quintile</b>          |        |        |                                    |                   |                          |                    |
| Lowest                          | 42.0   | 40.2   | 16.1                               | 40.0              | 16.0                     | 1,031              |
| Second                          | 46.3   | 44.1   | 16.2                               | 44.1              | 15.9                     | 1,041              |
| Middle                          | 51.6   | 50.1   | 24.7                               | 50.1              | 24.4                     | 1,024              |
| Fourth                          | 58.6   | 57.3   | 27.6                               | 56.9              | 27.3                     | 1,048              |
| Highest                         | 71.5   | 71.2   | 38.9                               | 70.8              | 38.4                     | 987                |
| <b>Total</b>                    | 53.8   | 52.4   | 24.6                               | 52.2              | 24.3                     | 5,132              |

Note: "Height" refers to length (recumbent measurement) or height (standing measurement).

**Table 11.3 Early breastfeeding**

Percentage of children born in the past 2 years who were ever breastfed, percentage who were put to the breast within 1 hour of birth, and percentage who were exclusively breastfed for the first 2 days after birth, according to background characteristics, Tajikistan DHS 2023

| Background characteristic                                 | Percentage ever breastfed | Percentage who were put to the breast within 1 hour of birth | Percentage exclusively breastfed for the first 2 days after birth <sup>1</sup> | Number of children born in the past 2 years |
|-----------------------------------------------------------|---------------------------|--------------------------------------------------------------|--------------------------------------------------------------------------------|---------------------------------------------|
| <b>Sex</b>                                                |                           |                                                              |                                                                                |                                             |
| Male                                                      | 96.2                      | 42.6                                                         | 76.8                                                                           | 1,149                                       |
| Female                                                    | 97.2                      | 39.0                                                         | 78.1                                                                           | 1,064                                       |
| <b>Breastfeeding counseling during ANC<sup>2</sup></b>    |                           |                                                              |                                                                                |                                             |
| Counseled                                                 | 97.4                      | 43.9                                                         | 80.6                                                                           | 1,487                                       |
| Not counseled/don't know                                  | 95.9                      | 35.6                                                         | 84.2                                                                           | 191                                         |
| Did not receive ANC                                       | 94.9                      | 34.1                                                         | 66.4                                                                           | 534                                         |
| <b>Assistance at delivery</b>                             |                           |                                                              |                                                                                |                                             |
| Health personnel <sup>3</sup>                             | 96.7                      | 40.7                                                         | 77.5                                                                           | 2,160                                       |
| Traditional birth attendant                               | *                         | *                                                            | *                                                                              | 26                                          |
| Other                                                     | *                         | *                                                            | *                                                                              | 25                                          |
| No one                                                    | *                         | *                                                            | *                                                                              | 1                                           |
| <b>Place of delivery</b>                                  |                           |                                                              |                                                                                |                                             |
| Health facility                                           | 96.7                      | 40.5                                                         | 77.6                                                                           | 2,096                                       |
| At home                                                   | 95.9                      | 47.6                                                         | 74.9                                                                           | 115                                         |
| Other                                                     | *                         | *                                                            | *                                                                              | 1                                           |
| <b>Type of delivery</b>                                   |                           |                                                              |                                                                                |                                             |
| Vaginal birth                                             | 96.8                      | 43.2                                                         | 79.0                                                                           | 1,983                                       |
| Cesarean section                                          | 96.1                      | 20.9                                                         | 64.6                                                                           | 230                                         |
| <b>Breastfeeding counseling during PNC<sup>2,4</sup></b>  |                           |                                                              |                                                                                |                                             |
| Counseled                                                 | 97.2                      | 41.5                                                         | 77.8                                                                           | 1,859                                       |
| Not counseled/don't know                                  | 92.9                      | 37.2                                                         | 74.7                                                                           | 207                                         |
| <b>Breastfeeding observation during PNC<sup>2,4</sup></b> |                           |                                                              |                                                                                |                                             |
| Observed                                                  | 97.2                      | 42.0                                                         | 77.1                                                                           | 1,754                                       |
| Not observed/don't know                                   | 94.4                      | 35.8                                                         | 79.5                                                                           | 312                                         |
| <b>Residence</b>                                          |                           |                                                              |                                                                                |                                             |
| Urban                                                     | 95.5                      | 37.2                                                         | 75.9                                                                           | 578                                         |
| Rural                                                     | 97.1                      | 42.1                                                         | 78.0                                                                           | 1,635                                       |
| <b>Region</b>                                             |                           |                                                              |                                                                                |                                             |
| Dushanbe                                                  | 96.7                      | 33.6                                                         | 72.5                                                                           | 222                                         |
| GBAO                                                      | 99.3                      | 72.0                                                         | 86.2                                                                           | 27                                          |
| Sughd                                                     | 96.3                      | 52.6                                                         | 88.7                                                                           | 620                                         |
| DRS                                                       | 97.8                      | 55.1                                                         | 85.6                                                                           | 501                                         |
| Khatlon                                                   | 96.2                      | 24.7                                                         | 65.4                                                                           | 844                                         |
| <b>FTF districts</b>                                      | 96.2                      | 21.4                                                         | 70.1                                                                           | 507                                         |
| <b>Mother's education</b>                                 |                           |                                                              |                                                                                |                                             |
| None/primary                                              | 94.9                      | 42.2                                                         | 77.0                                                                           | 109                                         |
| General basic                                             | 96.7                      | 40.9                                                         | 78.2                                                                           | 572                                         |
| General secondary                                         | 96.4                      | 38.7                                                         | 77.0                                                                           | 1,014                                       |
| Professional primary/middle                               | 97.2                      | 48.1                                                         | 80.0                                                                           | 233                                         |
| Higher                                                    | 98.1                      | 41.9                                                         | 75.8                                                                           | 285                                         |
| <b>Wealth quintile</b>                                    |                           |                                                              |                                                                                |                                             |
| Lowest                                                    | 96.2                      | 42.5                                                         | 73.9                                                                           | 410                                         |
| Second                                                    | 97.2                      | 38.5                                                         | 79.4                                                                           | 425                                         |
| Middle                                                    | 96.8                      | 40.3                                                         | 78.1                                                                           | 460                                         |
| Fourth                                                    | 96.2                      | 41.9                                                         | 79.1                                                                           | 474                                         |
| Highest                                                   | 97.0                      | 41.0                                                         | 76.6                                                                           | 443                                         |
| <b>Total</b>                                              | 96.7                      | 40.8                                                         | 77.5                                                                           | 2,213                                       |

Note: Table is based on children born in the 2 years preceding the survey regardless of whether the children were living or dead at the time of the interview. An asterisk indicates that a figure is based on fewer than 25 unweighted cases and has been suppressed.

ANC = antenatal care

PNC = postnatal care

<sup>1</sup> Children given nothing other than breast milk to eat or drink during the first 2 days after delivery

<sup>2</sup> Information available for the most recent live birth only

<sup>3</sup> Doctor, nurse, or midwife

<sup>4</sup> Women were asked about counseling on breastfeeding by any health care provider in the first 2 days after their most recent live birth regardless of where they gave birth.

**Table 11.4 Breastfeeding status according to age**

Among youngest children age 0–5 months living with their mother, percentage exclusively breastfeeding and percentage receiving mixed milk feeding; among all children age 12–23 months, percentage currently breastfeeding; and among all children age 0–23 months, percentage using a bottle with a nipple, according to background characteristics, Tajikistan DHS 2023

| Background characteristic   | Among youngest children age 0–5 months living with their mother: |                                                      |                    | Among all children age 12–23 months:            |                    | Among all children age 0–23 months:     |                    |
|-----------------------------|------------------------------------------------------------------|------------------------------------------------------|--------------------|-------------------------------------------------|--------------------|-----------------------------------------|--------------------|
|                             | Percentage exclusively breastfeeding                             | Percentage receiving mixed milk feeding <sup>1</sup> | Number of children | Percentage currently breastfeeding <sup>2</sup> | Number of children | Percentage using a bottle with a nipple | Number of children |
| <b>Age in months</b>        |                                                                  |                                                      |                    |                                                 |                    |                                         |                    |
| 0–1                         | 68.7                                                             | 10.9                                                 | 197                | na                                              | na                 | 14.5                                    | 204                |
| 2–3                         | 37.5                                                             | 24.3                                                 | 193                | na                                              | na                 | 34.6                                    | 202                |
| 4–5                         | 18.0                                                             | 33.4                                                 | 214                | na                                              | na                 | 46.5                                    | 217                |
| 6–11                        | na                                                               | na                                                   | na                 | na                                              | na                 | 56.2                                    | 547                |
| 12–15                       | na                                                               | na                                                   | na                 | 70.7                                            | 353                | 55.3                                    | 353                |
| 16–19                       | na                                                               | na                                                   | na                 | 52.3                                            | 306                | 47.1                                    | 306                |
| 20–23                       | na                                                               | na                                                   | na                 | 40.4                                            | 347                | 43.5                                    | 347                |
| <b>Sex</b>                  |                                                                  |                                                      |                    |                                                 |                    |                                         |                    |
| Male                        | 40.1                                                             | 23.3                                                 | 316                | 56.2                                            | 513                | 47.0                                    | 1,131              |
| Female                      | 41.5                                                             | 23.0                                                 | 288                | 53.1                                            | 494                | 44.7                                    | 1,045              |
| <b>Residence</b>            |                                                                  |                                                      |                    |                                                 |                    |                                         |                    |
| Urban                       | 36.8                                                             | 28.0                                                 | 156                | 53.9                                            | 260                | 53.4                                    | 570                |
| Rural                       | 42.2                                                             | 21.4                                                 | 448                | 54.9                                            | 746                | 43.2                                    | 1,606              |
| <b>Region</b>               |                                                                  |                                                      |                    |                                                 |                    |                                         |                    |
| Dushanbe                    | 24.9                                                             | 33.9                                                 | 61                 | 52.4                                            | 98                 | 59.4                                    | 220                |
| GBAO                        | (56.7)                                                           | (29.7)                                               | 6                  | 54.6                                            | 14                 | 42.2                                    | 26                 |
| Sughd                       | 51.0                                                             | 19.7                                                 | 182                | 53.5                                            | 278                | 47.8                                    | 602                |
| DRS                         | 38.5                                                             | 19.2                                                 | 130                | 48.0                                            | 234                | 46.3                                    | 493                |
| Khatlon                     | 37.7                                                             | 25.2                                                 | 225                | 60.2                                            | 382                | 40.8                                    | 835                |
| <b>FTF districts</b>        | 43.5                                                             | 21.4                                                 | 143                | 62.3                                            | 225                | 42.0                                    | 506                |
| <b>Mother's education</b>   |                                                                  |                                                      |                    |                                                 |                    |                                         |                    |
| None/primary                | (32.6)                                                           | (19.3)                                               | 34                 | (55.5)                                          | 54                 | 44.6                                    | 108                |
| General basic               | 31.0                                                             | 28.3                                                 | 143                | 62.2                                            | 256                | 47.9                                    | 559                |
| General secondary           | 43.0                                                             | 18.9                                                 | 280                | 55.8                                            | 472                | 44.0                                    | 998                |
| Professional primary/middle | 44.8                                                             | 28.5                                                 | 73                 | 42.8                                            | 95                 | 40.4                                    | 229                |
| Higher                      | 51.5                                                             | 26.0                                                 | 73                 | 43.8                                            | 129                | 53.4                                    | 282                |
| <b>Wealth quintile</b>      |                                                                  |                                                      |                    |                                                 |                    |                                         |                    |
| Lowest                      | 42.6                                                             | 16.6                                                 | 113                | 55.7                                            | 199                | 33.9                                    | 404                |
| Second                      | 40.4                                                             | 28.6                                                 | 110                | 58.8                                            | 200                | 44.4                                    | 418                |
| Middle                      | 44.9                                                             | 15.8                                                 | 122                | 53.9                                            | 214                | 42.7                                    | 451                |
| Fourth                      | 39.6                                                             | 22.8                                                 | 141                | 52.0                                            | 206                | 46.3                                    | 463                |
| Highest                     | 36.6                                                             | 32.3                                                 | 118                | 52.9                                            | 187                | 61.1                                    | 439                |
| <b>Total</b>                | 40.8                                                             | 23.1                                                 | 604                | 54.6                                            | 1,006              | 45.9                                    | 2,176              |

Note: Breastfeeding status refers to a “24-hour” period (yesterday during the day or at night). Figures in parentheses are based on 25–49 unweighted cases. na = not applicable

<sup>1</sup> Received breast milk and infant formula and/or animal milk. Excludes yogurt drinks because they are generally not fed as a substitute for breast milk.

<sup>2</sup> Corresponds to the IYCF indicator “continued breastfeeding”

**Table 11.5 Infant feeding practices by age**

Percent distribution of youngest children age 0–5 months living with their mother by feeding category, according to age in months, Tajikistan DHS 2023

| Age group in months | Breast milk only (exclusively breastfed) | Breast milk and plain water only | Breast milk and non-milk liquids <sup>1</sup> | Breast milk and animal milk and/or infant formula <sup>2</sup> | Breast milk and solid, semisolid, or soft foods <sup>3</sup> | Not breastfed | Unknown <sup>4</sup> | Total | Number of youngest children 0–5 months living with their mother |
|---------------------|------------------------------------------|----------------------------------|-----------------------------------------------|----------------------------------------------------------------|--------------------------------------------------------------|---------------|----------------------|-------|-----------------------------------------------------------------|
| 0–1                 | 68.7                                     | 12.6                             | 0.8                                           | 10.5                                                           | 1.1                                                          | 6.2           | 0.0                  | 100.0 | 197                                                             |
| 2–3                 | 37.5                                     | 29.2                             | 0.7                                           | 23.0                                                           | 4.0                                                          | 5.6           | 0.0                  | 100.0 | 193                                                             |
| 4–5                 | 18.0                                     | 24.1                             | 1.7                                           | 28.8                                                           | 13.5                                                         | 13.2          | 0.8                  | 100.0 | 214                                                             |
| 0–5                 | 40.8                                     | 22.0                             | 1.1                                           | 21.0                                                           | 6.4                                                          | 8.5           | 0.3                  | 100.0 | 604                                                             |

Note: Breastfeeding status refers to a “24-hour” period (yesterday during the day or at night). The categories of breast milk only, breast milk and plain water only, breast milk and non-milk liquids, breast milk and formula and/or animal milk, breast milk and solid, semisolid, or soft foods, and not breastfed are hierarchical and mutually exclusive. When combined with children whose feeding category is classified as unknown due to “don’t know” responses, the percentages in each row add to 100%.

<sup>1</sup> Children fed breast milk along with non-milk liquids (e.g., juice, herbal tea, sweetened water, flavored water). Children in this category may have also been fed plain water.

<sup>2</sup> Children fed breast milk along with animal milk, infant formula, and/or animal milk-based yogurt drinks. Children in this category may have also been fed non-milk liquids and/or plain water.

<sup>3</sup> Children fed breast milk along with solid, semisolid, or soft food from any food group (e.g., grains, meat, eggs, fruits, vegetables). Children in this category may have also been fed plain water, non-milk liquids, and/or animal milk, infant formula, and animal milk-based yogurt drinks.

<sup>4</sup> Not classified elsewhere due to “don’t know” responses

**Table 11.6 Liquids consumed by children in the day or night preceding the interview**

Percentage of youngest children under age 2 living with their mother by type of liquids consumed in the day or night preceding the interview, according to age and breastfeeding status, Tajikistan DHS 2023

| Age in months             | Plain water | Infant formula <sup>1</sup> | Animal milk |                 | Yogurt drinks |                 | Fruit juice or fruit-flavored drinks | Sodas, malt drinks, sports drinks, or energy drinks | Tea, coffee, or herbal drinks |            | Clear broth or clear soup | Other liquids |            | Number of youngest children under age 2 living with their mother |
|---------------------------|-------------|-----------------------------|-------------|-----------------|---------------|-----------------|--------------------------------------|-----------------------------------------------------|-------------------------------|------------|---------------------------|---------------|------------|------------------------------------------------------------------|
|                           |             |                             | Any         | Sweet/ flavored | Any           | Sweet/ flavored |                                      |                                                     | Any                           | Sweet-ened |                           | Any           | Sweet-ened |                                                                  |
|                           |             |                             |             |                 |               |                 |                                      |                                                     |                               |            |                           |               |            |                                                                  |
| BREASTFEEDING CHILDREN    |             |                             |             |                 |               |                 |                                      |                                                     |                               |            |                           |               |            |                                                                  |
| 0–1                       | 22.2        | 9.0                         | 2.6         | 2.2             | 0.0           | 0.0             | 0.0                                  | 0.0                                                 | 1.2                           | 1.2        | 0.9                       | 0.0           | 0.0        | 185                                                              |
| 2–3                       | 53.0        | 20.3                        | 6.8         | 4.4             | 0.0           | 0.0             | 0.0                                  | 0.0                                                 | 3.1                           | 2.1        | 1.4                       | 0.0           | 0.0        | 182                                                              |
| 4–5                       | 70.0        | 29.4                        | 12.9        | 7.8             | 1.2           | 1.2             | 1.0                                  | 0.0                                                 | 14.0                          | 7.9        | 8.3                       | 0.6           | 0.0        | 186                                                              |
| 6–8                       | 82.5        | 28.5                        | 28.2        | 14.7            | 11.3          | 7.3             | 9.8                                  | 0.9                                                 | 27.6                          | 20.3       | 35.8                      | 0.9           | 0.0        | 180                                                              |
| 9–11                      | 92.1        | 22.5                        | 31.7        | 17.5            | 16.5          | 11.2            | 17.0                                 | 1.0                                                 | 48.8                          | 33.9       | 50.7                      | 3.2           | 0.0        | 267                                                              |
| 12–17                     | 95.9        | 15.7                        | 47.9        | 28.2            | 27.1          | 18.7            | 23.3                                 | 2.4                                                 | 53.6                          | 41.6       | 52.9                      | 2.0           | 0.0        | 332                                                              |
| 18–23                     | 98.3        | 9.8                         | 52.5        | 29.2            | 24.0          | 17.1            | 31.0                                 | 3.4                                                 | 57.5                          | 42.7       | 61.2                      | 3.7           | 0.0        | 210                                                              |
| 0–5                       | 48.4        | 19.6                        | 7.4         | 4.8             | 0.4           | 0.4             | 0.3                                  | 0.0                                                 | 6.1                           | 3.8        | 3.5                       | 0.2           | 0.0        | 553                                                              |
| 6–11                      | 88.3        | 24.9                        | 30.3        | 16.4            | 14.4          | 9.6             | 14.1                                 | 1.0                                                 | 40.2                          | 28.4       | 44.7                      | 2.3           | 0.0        | 447                                                              |
| 12–23                     | 96.8        | 13.4                        | 49.7        | 28.6            | 25.9          | 18.1            | 26.3                                 | 2.8                                                 | 55.1                          | 42.0       | 56.1                      | 2.7           | 0.0        | 542                                                              |
| 6–23                      | 92.9        | 18.6                        | 40.9        | 23.1            | 20.7          | 14.2            | 20.8                                 | 2.0                                                 | 48.4                          | 35.9       | 50.9                      | 2.5           | 0.0        | 989                                                              |
| Total                     | 77.0        | 19.0                        | 28.9        | 16.5            | 13.4          | 9.3             | 13.5                                 | 1.3                                                 | 33.2                          | 24.4       | 33.9                      | 1.7           | 0.0        | 1,542                                                            |
| NONBREASTFEEDING CHILDREN |             |                             |             |                 |               |                 |                                      |                                                     |                               |            |                           |               |            |                                                                  |
| 0–1                       | *           | *                           | *           | *               | *             | *               | *                                    | *                                                   | *                             | *          | *                         | *             | *          | 12                                                               |
| 2–3                       | *           | *                           | *           | *               | *             | *               | *                                    | *                                                   | *                             | *          | *                         | *             | *          | 11                                                               |
| 4–5                       | (81.7)      | (58.0)                      | (21.0)      | (21.0)          | (10.4)        | (4.7)           | (1.1)                                | (0.0)                                               | (11.2)                        | (11.2)     | (26.3)                    | (0.0)         | (0.0)      | 28                                                               |
| 6–8                       | (87.1)      | (58.7)                      | (43.9)      | (33.6)          | (10.2)        | (10.2)          | (7.6)                                | (0.0)                                               | (28.5)                        | (20.8)     | (42.7)                    | (3.6)         | (0.0)      | 46                                                               |
| 9–11                      | 94.5        | 55.3                        | 48.8        | 34.0            | 22.7          | 19.3            | 15.9                                 | 1.9                                                 | 52.0                          | 37.6       | 59.2                      | 1.1           | 0.0        | 51                                                               |
| 12–17                     | 97.6        | 33.7                        | 66.7        | 39.7            | 32.8          | 24.8            | 24.0                                 | 3.0                                                 | 62.6                          | 48.2       | 65.6                      | 6.1           | 0.0        | 157                                                              |
| 18–23                     | 98.1        | 15.5                        | 61.9        | 33.7            | 32.6          | 25.8            | 27.0                                 | 4.4                                                 | 67.0                          | 55.1       | 48.9                      | 9.2           | 0.3        | 197                                                              |
| 0–5                       | (65.9)      | (41.0)                      | (17.0)      | (13.6)          | (6.8)         | (2.6)           | (0.6)                                | (1.1)                                               | (9.9)                         | (9.9)      | (19.4)                    | (1.5)         | (0.0)      | 51                                                               |
| 6–11                      | 91.0        | 56.9                        | 46.4        | 33.8            | 16.7          | 15.0            | 12.0                                 | 1.0                                                 | 40.8                          | 29.6       | 51.3                      | 2.3           | 0.0        | 97                                                               |
| 12–23                     | 97.9        | 23.6                        | 64.0        | 36.4            | 32.7          | 25.3            | 25.6                                 | 3.8                                                 | 65.1                          | 52.1       | 56.3                      | 7.8           | 0.2        | 354                                                              |
| 6–23                      | 96.4        | 30.7                        | 60.2        | 35.8            | 29.2          | 23.1            | 22.7                                 | 3.2                                                 | 59.8                          | 47.2       | 55.2                      | 6.7           | 0.1        | 451                                                              |
| Total                     | 93.3        | 31.8                        | 55.8        | 33.5            | 27.0          | 21.0            | 20.4                                 | 3.0                                                 | 54.7                          | 43.4       | 51.6                      | 6.1           | 0.1        | 503                                                              |

Note: Figures in parentheses are based on 25–49 unweighted cases. An asterisk indicates that a figure is based on fewer than 25 unweighted cases and has been suppressed.

<sup>1</sup> Infant formula includes NAN, Nutrilac, Malutka, and Malysh.



**Table 11.7 Foods consumed by children in the day or night preceding the interview**

Percentage of youngest children under age 2 living with their mother by type of foods consumed in the day or night preceding the interview, according to age and breastfeeding status, Tajikistan DHS 2023

| Age in months             | Grains | Roots, tubers, and plantains | Pulses (beans, peas, lentils), nuts, and seeds | Dairy products (milk, infant formula, yogurt, cheese) | Flesh foods (meat, fish, poultry, organ meats) | Eggs   | Vitamin A-rich fruits and vegetables | Other fruits and vegetables | Sweet foods <sup>1</sup> | Fried and salty foods <sup>2</sup> | Other solid, semisolid, and soft food | Number of youngest children under age 2 living with their mother |
|---------------------------|--------|------------------------------|------------------------------------------------|-------------------------------------------------------|------------------------------------------------|--------|--------------------------------------|-----------------------------|--------------------------|------------------------------------|---------------------------------------|------------------------------------------------------------------|
| BREASTFEEDING CHILDREN    |        |                              |                                                |                                                       |                                                |        |                                      |                             |                          |                                    |                                       |                                                                  |
| 0–1                       | 0.0    | 0.0                          | 0.9                                            | 0.3                                                   | 0.0                                            | 0.0    | 0.0                                  | 0.0                         | 0.0                      | 0.0                                | 0.0                                   | 185                                                              |
| 2–3                       | 1.3    | 0.9                          | 1.0                                            | 1.0                                                   | 0.0                                            | 0.4    | 0.0                                  | 0.9                         | 1.0                      | 0.0                                | 0.0                                   | 182                                                              |
| 4–5                       | 5.7    | 5.8                          | 1.5                                            | 6.3                                                   | 2.2                                            | 1.6    | 1.5                                  | 3.2                         | 1.4                      | 0.0                                | 0.0                                   | 186                                                              |
| 6–8                       | 31.4   | 28.8                         | 3.8                                            | 27.4                                                  | 7.0                                            | 7.6    | 8.7                                  | 11.2                        | 11.8                     | 1.3                                | 1.4                                   | 180                                                              |
| 9–11                      | 48.4   | 52.3                         | 4.2                                            | 26.9                                                  | 15.5                                           | 22.0   | 19.4                                 | 23.9                        | 29.5                     | 3.0                                | 2.4                                   | 267                                                              |
| 12–17                     | 69.7   | 64.3                         | 8.2                                            | 36.7                                                  | 28.0                                           | 28.9   | 23.8                                 | 35.8                        | 35.9                     | 4.6                                | 5.3                                   | 332                                                              |
| 18–23                     | 77.9   | 71.0                         | 18.5                                           | 44.1                                                  | 31.5                                           | 37.5   | 32.6                                 | 45.2                        | 34.8                     | 9.2                                | 7.5                                   | 210                                                              |
| 0–5                       | 2.3    | 2.2                          | 1.1                                            | 2.6                                                   | 0.7                                            | 0.7    | 0.5                                  | 1.4                         | 0.8                      | 0.0                                | 0.0                                   | 553                                                              |
| 6–11                      | 41.6   | 42.8                         | 4.0                                            | 27.1                                                  | 12.1                                           | 16.2   | 15.1                                 | 18.8                        | 22.4                     | 2.3                                | 2.0                                   | 447                                                              |
| 12–23                     | 72.9   | 66.9                         | 12.2                                           | 39.6                                                  | 29.4                                           | 32.2   | 27.2                                 | 39.4                        | 35.5                     | 6.4                                | 6.2                                   | 542                                                              |
| 6–23                      | 58.7   | 56.0                         | 8.5                                            | 33.9                                                  | 21.6                                           | 25.0   | 21.8                                 | 30.1                        | 29.6                     | 4.6                                | 4.3                                   | 989                                                              |
| Total                     | 38.5   | 36.7                         | 5.9                                            | 22.7                                                  | 14.1                                           | 16.3   | 14.1                                 | 19.8                        | 19.3                     | 2.9                                | 2.8                                   | 1,542                                                            |
| NONBREASTFEEDING CHILDREN |        |                              |                                                |                                                       |                                                |        |                                      |                             |                          |                                    |                                       |                                                                  |
| 0–1                       | *      | *                            | *                                              | *                                                     | *                                              | *      | *                                    | *                           | *                        | *                                  | *                                     | 12                                                               |
| 2–3                       | *      | *                            | *                                              | *                                                     | *                                              | *      | *                                    | *                           | *                        | *                                  | *                                     | 11                                                               |
| 4–5                       | (14.8) | (11.5)                       | (0.0)                                          | (10.6)                                                | (5.7)                                          | (5.7)  | (2.7)                                | (9.2)                       | (5.3)                    | (0.0)                              | (0.0)                                 | 28                                                               |
| 6–8                       | (39.2) | (46.3)                       | (0.0)                                          | (25.5)                                                | (5.1)                                          | (15.5) | (17.7)                               | (16.6)                      | (18.1)                   | (0.0)                              | (0.0)                                 | 46                                                               |
| 9–11                      | 63.9   | 70.1                         | 9.7                                            | 48.5                                                  | 24.0                                           | 27.8   | 17.8                                 | 30.0                        | 38.3                     | 4.3                                | 3.2                                   | 51                                                               |
| 12–17                     | 84.0   | 78.0                         | 15.0                                           | 40.0                                                  | 37.8                                           | 34.0   | 37.3                                 | 47.4                        | 42.4                     | 4.1                                | 6.3                                   | 157                                                              |
| 18–23                     | 85.9   | 80.1                         | 20.8                                           | 29.3                                                  | 56.9                                           | 49.7   | 35.1                                 | 54.5                        | 51.5                     | 6.7                                | 9.1                                   | 197                                                              |
| 0–5                       | (11.9) | (10.1)                       | (1.5)                                          | (9.6)                                                 | (4.6)                                          | (4.6)  | (3.0)                                | (6.6)                       | (4.4)                    | (0.0)                              | (1.5)                                 | 51                                                               |
| 6–11                      | 52.1   | 58.8                         | 5.1                                            | 37.5                                                  | 15.0                                           | 21.9   | 17.7                                 | 23.7                        | 28.7                     | 2.2                                | 1.7                                   | 97                                                               |
| 12–23                     | 85.0   | 79.2                         | 18.2                                           | 34.1                                                  | 48.4                                           | 42.7   | 36.1                                 | 51.4                        | 47.5                     | 5.5                                | 7.9                                   | 354                                                              |
| 6–23                      | 78.0   | 74.8                         | 15.4                                           | 34.8                                                  | 41.2                                           | 38.2   | 32.2                                 | 45.4                        | 43.4                     | 4.8                                | 6.5                                   | 451                                                              |
| Total                     | 71.2   | 68.2                         | 14.0                                           | 32.2                                                  | 37.5                                           | 34.8   | 29.2                                 | 41.4                        | 39.4                     | 4.3                                | 6.0                                   | 503                                                              |

Note: See the Woman's Questionnaire for list of liquids and foods. Figures in parentheses are based on 25–49 unweighted cases. An asterisk indicates that a figure is based on fewer than 25 unweighted cases and has been suppressed.

<sup>1</sup> Sentinel sweet foods such as chocolates, candies, pastries, cakes, biscuits, ice cream, or popsicles

<sup>2</sup> Sentinel fried and salty foods such as chips, crisps, puffs, French fries, fried dough, or instant noodles

**Table 11.8 Minimum dietary diversity, minimum meal frequency, and minimum acceptable diet among children**

Percentage of youngest children age 6–23 months living with their mother who are fed a minimum acceptable diet based on breastfeeding status, number of food groups, and times they are fed during the day or night preceding the survey, according to background characteristics, Tajikistan DHS 2023

| Background characteristic | Among youngest breastfed children age 6–23 months living with their mother, percentage fed: |                                     |                                      |                                              | Among youngest nonbreastfed children age 6–23 months living with their mother, percentage fed: |                                        |                                     |                                      | Among all youngest children age 6–23 months living with their mother, percentage fed: |                                        |                                     |                                      |                                        |
|---------------------------|---------------------------------------------------------------------------------------------|-------------------------------------|--------------------------------------|----------------------------------------------|------------------------------------------------------------------------------------------------|----------------------------------------|-------------------------------------|--------------------------------------|---------------------------------------------------------------------------------------|----------------------------------------|-------------------------------------|--------------------------------------|----------------------------------------|
|                           | Minimum dietary diversity <sup>1</sup>                                                      | Minimum meal frequency <sup>2</sup> | Minimum acceptable diet <sup>3</sup> | Number of breastfed children age 6–23 months | Minimum milk feeding frequency <sup>4</sup>                                                    | Minimum dietary diversity <sup>1</sup> | Minimum meal frequency <sup>5</sup> | Minimum acceptable diet <sup>6</sup> | Number of non-breastfed children age 6–23 months                                      | Minimum dietary diversity <sup>1</sup> | Minimum meal frequency <sup>7</sup> | Minimum acceptable diet <sup>8</sup> | Number of all children age 6–23 months |
| <b>Age in months</b>      |                                                                                             |                                     |                                      |                                              |                                                                                                |                                        |                                     |                                      |                                                                                       |                                        |                                     |                                      |                                        |
| 6–11                      | 16.0                                                                                        | 19.6                                | 3.7                                  | 447                                          | 89.6                                                                                           | 12.5                                   | 58.6                                | 8.4                                  | 97                                                                                    | 15.3                                   | 26.6                                | 4.5                                  | 544                                    |
| 6–8                       | 9.9                                                                                         | 36.8                                | 6.1                                  | 180                                          | (89.2)                                                                                         | (2.4)                                  | (51.7)                              | (2.4)                                | 46                                                                                    | 8.3                                    | 39.9                                | 5.4                                  | 226                                    |
| 9–11                      | 20.1                                                                                        | 7.9                                 | 2.0                                  | 267                                          | 90.0                                                                                           | 21.6                                   | 65.0                                | 13.9                                 | 51                                                                                    | 20.3                                   | 17.1                                | 3.9                                  | 318                                    |
| 12–17                     | 30.8                                                                                        | 11.5                                | 5.5                                  | 332                                          | 79.2                                                                                           | 27.7                                   | 70.4                                | 18.2                                 | 157                                                                                   | 29.8                                   | 30.5                                | 9.6                                  | 489                                    |
| 18–23                     | 44.4                                                                                        | 10.0                                | 4.6                                  | 210                                          | 68.0                                                                                           | 39.6                                   | 57.7                                | 23.6                                 | 197                                                                                   | 42.1                                   | 33.1                                | 13.8                                 | 407                                    |
| <b>Sex</b>                |                                                                                             |                                     |                                      |                                              |                                                                                                |                                        |                                     |                                      |                                                                                       |                                        |                                     |                                      |                                        |
| Male                      | 27.3                                                                                        | 17.2                                | 5.6                                  | 523                                          | 79.3                                                                                           | 32.1                                   | 65.0                                | 21.1                                 | 232                                                                                   | 28.8                                   | 31.9                                | 10.3                                 | 755                                    |
| Female                    | 26.6                                                                                        | 12.2                                | 3.2                                  | 466                                          | 73.7                                                                                           | 27.0                                   | 59.5                                | 15.7                                 | 220                                                                                   | 26.7                                   | 27.4                                | 7.2                                  | 685                                    |
| <b>Residence</b>          |                                                                                             |                                     |                                      |                                              |                                                                                                |                                        |                                     |                                      |                                                                                       |                                        |                                     |                                      |                                        |
| Urban                     | 33.5                                                                                        | 19.5                                | 7.1                                  | 255                                          | 82.6                                                                                           | 34.1                                   | 68.8                                | 19.6                                 | 118                                                                                   | 33.7                                   | 35.1                                | 11.1                                 | 373                                    |
| Rural                     | 24.7                                                                                        | 13.2                                | 3.6                                  | 734                                          | 74.4                                                                                           | 28.1                                   | 60.0                                | 18.1                                 | 334                                                                                   | 25.7                                   | 27.8                                | 8.1                                  | 1,067                                  |
| <b>Region</b>             |                                                                                             |                                     |                                      |                                              |                                                                                                |                                        |                                     |                                      |                                                                                       |                                        |                                     |                                      |                                        |
| Dushanbe                  | 27.3                                                                                        | 20.3                                | 5.6                                  | 94                                           | 89.6                                                                                           | 22.6                                   | 74.7                                | 14.1                                 | 52                                                                                    | 25.7                                   | 39.8                                | 8.6                                  | 146                                    |
| GBAO                      | 33.5                                                                                        | 20.1                                | 8.5                                  | 12                                           | (86.2)                                                                                         | (28.9)                                 | (68.0)                              | (26.0)                               | 6                                                                                     | 32.0                                   | 36.1                                | 14.3                                 | 18                                     |
| Sughd                     | 42.8                                                                                        | 17.1                                | 8.7                                  | 256                                          | 65.2                                                                                           | 53.5                                   | 58.8                                | 30.2                                 | 131                                                                                   | 46.4                                   | 31.2                                | 15.9                                 | 387                                    |
| DRS                       | 21.5                                                                                        | 15.2                                | 1.8                                  | 204                                          | 84.9                                                                                           | 25.4                                   | 63.5                                | 18.4                                 | 130                                                                                   | 23.0                                   | 34.0                                | 8.3                                  | 334                                    |
| Khatlon                   | 19.8                                                                                        | 11.9                                | 2.9                                  | 423                                          | 74.0                                                                                           | 13.1                                   | 59.6                                | 8.4                                  | 133                                                                                   | 18.2                                   | 23.3                                | 4.2                                  | 555                                    |
| <b>FTF districts</b>      | 22.5                                                                                        | 14.5                                | 3.1                                  | 256                                          | (74.9)                                                                                         | (12.0)                                 | (60.5)                              | (9.8)                                | 72                                                                                    | 20.2                                   | 24.6                                | 4.6                                  | 328                                    |
| <b>Mother's education</b> |                                                                                             |                                     |                                      |                                              |                                                                                                |                                        |                                     |                                      |                                                                                       |                                        |                                     |                                      |                                        |
| None/primary              | (21.3)                                                                                      | (8.2)                               | (0.0)                                | 45                                           | *                                                                                              | *                                      | *                                   | *                                    | 22                                                                                    | 24.4                                   | 26.4                                | 4.8                                  | 68                                     |
| General basic             | 25.4                                                                                        | 14.2                                | 3.9                                  | 280                                          | 78.4                                                                                           | 25.6                                   | 56.4                                | 16.1                                 | 113                                                                                   | 25.4                                   | 26.3                                | 7.4                                  | 394                                    |
| General secondary         | 28.3                                                                                        | 15.0                                | 5.5                                  | 454                                          | 74.7                                                                                           | 26.8                                   | 64.7                                | 17.1                                 | 192                                                                                   | 27.9                                   | 29.8                                | 8.9                                  | 646                                    |
| Professional              |                                                                                             |                                     |                                      |                                              |                                                                                                |                                        |                                     |                                      |                                                                                       |                                        |                                     |                                      |                                        |
| primary/middle            | 22.5                                                                                        | 18.5                                | 4.2                                  | 91                                           | 70.7                                                                                           | 31.5                                   | 57.9                                | 19.1                                 | 52                                                                                    | 25.8                                   | 32.9                                | 9.7                                  | 143                                    |
| Higher                    | 31.2                                                                                        | 15.4                                | 4.2                                  | 118                                          | 81.9                                                                                           | 41.9                                   | 68.2                                | 26.6                                 | 72                                                                                    | 35.2                                   | 35.3                                | 12.7                                 | 190                                    |
| <b>Wealth quintile</b>    |                                                                                             |                                     |                                      |                                              |                                                                                                |                                        |                                     |                                      |                                                                                       |                                        |                                     |                                      |                                        |
| Lowest                    | 20.2                                                                                        | 14.0                                | 3.7                                  | 185                                          | 70.9                                                                                           | 14.2                                   | 53.9                                | 8.9                                  | 86                                                                                    | 18.3                                   | 26.7                                | 5.4                                  | 271                                    |
| Second                    | 23.3                                                                                        | 13.1                                | 4.8                                  | 207                                          | 82.5                                                                                           | 31.3                                   | 67.8                                | 23.5                                 | 86                                                                                    | 25.7                                   | 29.2                                | 10.3                                 | 293                                    |
| Middle                    | 26.0                                                                                        | 16.9                                | 4.5                                  | 202                                          | 71.2                                                                                           | 29.1                                   | 56.6                                | 14.3                                 | 93                                                                                    | 27.0                                   | 29.4                                | 7.6                                  | 295                                    |
| Fourth                    | 31.9                                                                                        | 11.9                                | 3.3                                  | 199                                          | 74.4                                                                                           | 38.2                                   | 64.1                                | 24.3                                 | 91                                                                                    | 33.9                                   | 28.2                                | 9.9                                  | 290                                    |
| Highest                   | 33.2                                                                                        | 18.3                                | 6.0                                  | 196                                          | 83.5                                                                                           | 34.3                                   | 68.8                                | 21.0                                 | 96                                                                                    | 33.6                                   | 34.9                                | 10.9                                 | 292                                    |
| <b>Total</b>              | 27.0                                                                                        | 14.8                                | 4.5                                  | 989                                          | 76.6                                                                                           | 29.6                                   | 62.3                                | 18.5                                 | 451                                                                                   | 27.8                                   | 29.7                                | 8.9                                  | 1,440                                  |

Note: Figures in parentheses are based on 25–49 unweighted cases. An asterisk indicates that a figure is based on fewer than 25 unweighted cases and has been suppressed.

<sup>1</sup> Minimum dietary diversity is receiving foods from five or more of the following eight food groups: a. breast milk; b. grains, white/pale starchy roots, tubers, and plantains; c. beans, peas, lentils, nuts, and seeds; d. dairy products (tinned, powdered, or fresh animal milk; infant formula; yogurt; cheese); e. flesh foods (meat, fish, poultry, organ meats); f. eggs; g. vitamin A-rich fruits and vegetables; h. other fruits and vegetables.

<sup>2</sup> For breastfed children, minimum meal frequency is receiving solid, semisolid, or soft food at least twice a day for infants age 6–8 months and at least three times a day for children age 9–23 months.

<sup>3</sup> For breastfed children, minimum acceptable diet is being fed with a minimum dietary diversity (footnote 1) and a minimum meal frequency (footnote 2).

<sup>4</sup> For nonbreastfed children, minimum milk feeding frequency is two or more feedings of infant formula; tinned, powdered, or fresh animal milk; and liquid or solid yogurt.

<sup>5</sup> For nonbreastfed children, minimum meal frequency is receiving solid, semisolid, or soft food or milk feeds at least four times a day. At least one of the feeds must be a solid, semisolid, or soft feed.

<sup>6</sup> For nonbreastfed children, minimum acceptable diet is being fed with a minimum dietary diversity (footnote 1), a minimum milk feeding frequency (footnote 4), and a minimum meal frequency (footnote 5).

<sup>7</sup> Minimum meal frequency is receiving the minimum recommended number of feeds per day according to age and breastfeeding status as defined in footnotes 2 and 5.

<sup>8</sup> Minimum acceptable diet is being fed with a minimum dietary diversity (footnote 1), a minimum meal frequency (footnotes 2 and 5), and a minimum milk feeding frequency (footnote 4).

**Table 11.9 Egg and/or flesh food consumption and unhealthy feeding practices among children age 6–23 months**

Percentage of youngest children age 6–23 months living with their mother who consumed eggs and/or flesh food, and percentage who experienced each specified unhealthy feeding practice, during the day or night preceding the survey, according to background characteristics, Tajikistan DHS 2023

| Background characteristic    | Eggs and/or flesh foods (meat, fish, poultry, organ meats) | Unhealthy feeding practices: |                             |                                        | Number of youngest children age 6–23 months living with their mother |
|------------------------------|------------------------------------------------------------|------------------------------|-----------------------------|----------------------------------------|----------------------------------------------------------------------|
|                              |                                                            | Sweet beverage <sup>1</sup>  | Unhealthy food <sup>2</sup> | Zero vegetables or fruits <sup>3</sup> |                                                                      |
| <b>Age in months</b>         |                                                            |                              |                             |                                        |                                                                      |
| 6–11                         | 23.5                                                       | 50.2                         | 23.5                        | 72.2                                   | 544                                                                  |
| 6–8                          | 13.2                                                       | 41.8                         | 13.1                        | 81.8                                   | 226                                                                  |
| 9–11                         | 30.8                                                       | 56.2                         | 30.9                        | 65.3                                   | 318                                                                  |
| 12–17                        | 46.7                                                       | 71.1                         | 38.7                        | 49.6                                   | 489                                                                  |
| 18–23                        | 60.6                                                       | 76.9                         | 46.8                        | 41.5                                   | 407                                                                  |
| <b>Sex</b>                   |                                                            |                              |                             |                                        |                                                                      |
| Male                         | 41.9                                                       | 63.5                         | 35.0                        | 56.6                                   | 755                                                                  |
| Female                       | 41.9                                                       | 66.3                         | 35.5                        | 55.0                                   | 685                                                                  |
| <b>Breastfeeding status</b>  |                                                            |                              |                             |                                        |                                                                      |
| Breastfeeding                | 35.2                                                       | 60.2                         | 31.1                        | 61.4                                   | 989                                                                  |
| Not breastfeeding            | 56.5                                                       | 75.1                         | 44.3                        | 43.7                                   | 451                                                                  |
| <b>Residence</b>             |                                                            |                              |                             |                                        |                                                                      |
| Urban                        | 48.2                                                       | 68.0                         | 34.9                        | 50.6                                   | 373                                                                  |
| Rural                        | 39.7                                                       | 63.8                         | 35.4                        | 57.7                                   | 1,067                                                                |
| <b>Region</b>                |                                                            |                              |                             |                                        |                                                                      |
| Dushanbe                     | 48.0                                                       | 71.9                         | 33.1                        | 61.5                                   | 146                                                                  |
| GBAO                         | 38.4                                                       | 91.0                         | 34.8                        | 46.6                                   | 18                                                                   |
| Sughd                        | 57.6                                                       | 74.7                         | 50.4                        | 33.1                                   | 387                                                                  |
| DRS                          | 37.1                                                       | 60.5                         | 35.1                        | 59.1                                   | 334                                                                  |
| Khatlon                      | 32.3                                                       | 57.9                         | 25.3                        | 68.5                                   | 555                                                                  |
| <b>FTF districts</b>         | 33.6                                                       | 57.1                         | 23.4                        | 67.0                                   | 328                                                                  |
| <b>Mother's education</b>    |                                                            |                              |                             |                                        |                                                                      |
| None/primary                 | 37.9                                                       | 64.8                         | 31.8                        | 58.7                                   | 68                                                                   |
| General basic                | 40.0                                                       | 68.6                         | 36.0                        | 60.1                                   | 394                                                                  |
| General secondary            | 42.4                                                       | 61.2                         | 33.8                        | 56.3                                   | 646                                                                  |
| Professional primary/ middle | 38.9                                                       | 58.8                         | 33.1                        | 53.7                                   | 143                                                                  |
| Higher                       | 47.7                                                       | 74.2                         | 41.5                        | 46.0                                   | 190                                                                  |
| <b>Wealth quintile</b>       |                                                            |                              |                             |                                        |                                                                      |
| Lowest                       | 30.7                                                       | 59.0                         | 29.4                        | 66.3                                   | 271                                                                  |
| Second                       | 40.0                                                       | 65.6                         | 33.2                        | 54.0                                   | 293                                                                  |
| Middle                       | 44.8                                                       | 61.1                         | 38.2                        | 55.2                                   | 295                                                                  |
| Fourth                       | 45.3                                                       | 70.6                         | 37.1                        | 54.6                                   | 290                                                                  |
| Highest                      | 47.9                                                       | 67.6                         | 37.8                        | 49.9                                   | 292                                                                  |
| <b>Total</b>                 | 41.9                                                       | 64.9                         | 35.2                        | 55.8                                   | 1,440                                                                |

<sup>1</sup> Sweet beverages include sweet/flavored milk and yogurt drinks, fruit juice and fruit-flavored drinks, kompot, mors, cacao, sodas, sports drinks, energy drinks, sweetened tea, coffee, herbal drinks, and other sweetened liquids.

<sup>2</sup> Unhealthy foods are a group of sentinel food types that include sweet foods such as chocolates, candies, ice cream, halva, cakes, cookies, wafers, pastries, sweet rolls, and chak chak and fried and salty foods such as chips, suhariki, instant noodles (e.g., Rolton or Doshirak), French fries, piroshki, chebureki, and belyashi.

<sup>3</sup> No vitamin A-rich fruits or vegetables and no other fruits or vegetables

**Table 11.10 Infant and young child feeding (IYCF) indicators**

Percentage of children fed according to various IYCF practices, Tajikistan DHS 2023

| IYCF # | IYCF abbreviation | DHS-8 table # | Indicator                                                            | Indicator definition and denominator                                                                                                                                                                                                                                              | Value         |
|--------|-------------------|---------------|----------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------|
| 1      | EvBF              | 11.3          | Ever breastfed <sup>1</sup>                                          | Percentage of children born in the last 2 years who were ever breastfed<br>Number of children born in the last 2 years                                                                                                                                                            | 96.7<br>2,213 |
| 2      | EIBF              | 11.3          | Early initiation of breastfeeding <sup>1</sup>                       | Percentage of children born in the last 2 years who were put to the breast within 1 hour of birth<br>Number of children born in the last 2 years                                                                                                                                  | 40.8<br>2,213 |
| 3      | EBF2D             | 11.3          | Exclusively breastfed for the first 2 days after birth <sup>1</sup>  | Percentage of children born in the last 2 years who were fed exclusively with breast milk for the first 2 days after birth<br>Number of children born in the last 2 years                                                                                                         | 77.5<br>2,213 |
| 4      | EBF               | 11.4          | Exclusive breastfeeding under 6 months                               | Percentage of children age 0–5 months who were fed exclusively with breast milk during the previous day<br>Number of youngest children age 0–5 months living with their mother                                                                                                    | 40.8<br>604   |
| 5      | MixMF             | 11.4          | Mixed milk feeding under 6 months                                    | Percentage of children age 0–5 months who were fed both breast milk and formula and/or animal milk during the previous day<br>Number of youngest children age 0–5 months living with their mother                                                                                 | 23.1<br>604   |
| 6      | CBF               | 11.4          | Continued breastfeeding 12–23 months                                 | Percentage of children age 12–23 months who were fed breast milk during the previous day<br>Number of children age 12–23 months                                                                                                                                                   | 54.6<br>1,006 |
| 7      | ISSSF             | -             | Introduction of solid, semisolid, or soft foods 6–8 months           | Percentage of children age 6–8 months who were fed solid, semisolid, or soft foods during the previous day<br>Number of youngest children age 6–8 months living with their mother                                                                                                 | 55.5<br>226   |
| 8      | MDD               | 11.8          | Minimum dietary diversity 6–23 months                                | Percentage of children age 6–23 months who were fed foods and beverages from at least 5 out of 8 defined food groups during the previous day<br>Number of youngest children age 6–23 months living with their mother                                                              | 27.8<br>1,440 |
| 9      | MMF               | 11.8          | Minimum meal frequency 6–23 months                                   | Percentage of children age 6–23 months who were fed solid, semisolid, or soft foods (but also including milk feeds for nonbreastfed children) the minimum number of times or more during the previous day<br>Number of youngest children age 6–23 months living with their mother | 29.7<br>1,440 |
| 10     | MMFF              | 11.8          | Minimum milk feeding frequency for nonbreastfed children 6–23 months | Percentage of nonbreastfed children age 6–23 months who were given at least two milk feeds during the previous day<br>Number of youngest children age 6–23 months living with their mother who were not breastfed                                                                 | 76.6<br>451   |
| 11     | MAD               | 11.8          | Minimum acceptable diet 6–23 months                                  | Percentage of children age 6–23 months who were fed a minimum acceptable diet during the previous day<br>Number of youngest children age 6–23 months living with their mother                                                                                                     | 8.9<br>1,440  |
| 12     | EFF               | 11.9          | Egg and/or flesh food consumption 6–23 months                        | Percentage of children age 6–23 months who were fed eggs and/or flesh food during the previous day<br>Number of youngest children age 6–23 months living with their mother                                                                                                        | 41.9<br>1,440 |
| 13     | SWB               | 11.9          | Sweet beverage consumption 6–23 months                               | Percentage of children age 6–23 months who were given a sweet beverage during the previous day<br>Number of youngest children age 6–23 months living with their mother                                                                                                            | 64.9<br>1,440 |
| 14     | UFC               | 11.9          | Unhealthy food consumption 6–23 months                               | Percentage of children age 6–23 months who were fed selected sentinel unhealthy foods during the previous day<br>Number of youngest children age 6–23 months living with their mother                                                                                             | 35.2<br>1,440 |
| 15     | ZVF               | 11.9          | Zero vegetable or fruit consumption 6–23 months                      | Percentage of children age 6–23 months who were not fed any vegetables or fruits during the previous day<br>Number of youngest children age 6–23 months living with their mother                                                                                                  | 55.8<br>1,440 |
| 16     | BoF               | 11.4          | Bottle feeding 0–23 months                                           | Percentage of children age 0–23 months who were fed from a bottle with a nipple during the previous day<br>Number of children age 0–23 months                                                                                                                                     | 45.9<br>2,176 |
| 17     |                   | 11.5          | Infant feeding area graph                                            | Percent distribution of youngest children age 0–5 months living with their mother, by feeding category<br>Number of youngest children age 0–5 months living with their mother                                                                                                     | -<br>-        |

<sup>1</sup> Includes children born in the 2 years preceding the survey regardless of whether the children were living or dead at the time of the interview

**Table 11.11 Infant and young child feeding counseling**

Among women age 15–49 whose youngest child age 6–23 months is living with them, percentage who talked with a health care provider or community health worker about how or what to feed their child in the past 6 months, according to background characteristics, Tajikistan DHS 2023

| Background characteristic    | Counseled in past 6 months about how or what to feed their child | Number of women whose youngest child age 6–23 months is living with them |
|------------------------------|------------------------------------------------------------------|--------------------------------------------------------------------------|
| <b>Child's age in months</b> |                                                                  |                                                                          |
| 6–11                         | 44.5                                                             | 544                                                                      |
| 12–23                        | 43.4                                                             | 896                                                                      |
| <b>Child's sex</b>           |                                                                  |                                                                          |
| Male                         | 43.6                                                             | 755                                                                      |
| Female                       | 44.0                                                             | 685                                                                      |
| <b>Age</b>                   |                                                                  |                                                                          |
| 15–19                        | *                                                                | 13                                                                       |
| 20–29                        | 43.4                                                             | 997                                                                      |
| 30–39                        | 44.8                                                             | 396                                                                      |
| 40–49                        | (43.9)                                                           | 35                                                                       |
| <b>Residence</b>             |                                                                  |                                                                          |
| Urban                        | 58.7                                                             | 373                                                                      |
| Rural                        | 38.6                                                             | 1,067                                                                    |
| <b>Region</b>                |                                                                  |                                                                          |
| Dushanbe                     | 76.3                                                             | 146                                                                      |
| GBAO                         | 69.7                                                             | 18                                                                       |
| Sughd                        | 58.7                                                             | 387                                                                      |
| DRS                          | 34.7                                                             | 334                                                                      |
| Khatlon                      | 29.5                                                             | 555                                                                      |
| <b>FTF districts</b>         | 23.5                                                             | 328                                                                      |
| <b>Mother's education</b>    |                                                                  |                                                                          |
| None/primary                 | 39.0                                                             | 68                                                                       |
| General basic                | 42.0                                                             | 394                                                                      |
| General secondary            | 39.5                                                             | 646                                                                      |
| Professional primary/middle  | 50.2                                                             | 143                                                                      |
| Higher                       | 58.9                                                             | 190                                                                      |
| <b>Wealth quintile</b>       |                                                                  |                                                                          |
| Lowest                       | 31.7                                                             | 271                                                                      |
| Second                       | 39.1                                                             | 293                                                                      |
| Middle                       | 37.6                                                             | 295                                                                      |
| Fourth                       | 45.3                                                             | 290                                                                      |
| Highest                      | 64.4                                                             | 292                                                                      |
| Total                        | 43.8                                                             | 1,440                                                                    |

Note: Figures in parentheses are based on 25–49 unweighted cases. An asterisk indicates that a figure is based on fewer than 25 unweighted cases and has been suppressed.

**Table 11.12 Prevalence of anemia in children**

Percentage of children age 6–59 months classified as having anemia, and mean hemoglobin level, according to background characteristics, Tajikistan DHS 2023

| Background characteristic                             | Anemia status by hemoglobin level |                          |                                 |                              |                        | Mean hemoglobin level (g/dl) | Number of children age 6–59 months |
|-------------------------------------------------------|-----------------------------------|--------------------------|---------------------------------|------------------------------|------------------------|------------------------------|------------------------------------|
|                                                       |                                   | Any                      | Mild                            | Moderate                     | Severe                 |                              |                                    |
|                                                       | 6–23 months<br>24–59 months       | <10.5 g/dl<br><11.0 g/dl | 9.5–10.4 g/dl<br>10.0–10.9 g/dl | 7.0–9.4 g/dl<br>7.0–9.9 g/dl | <7.0 g/dl<br><7.0 g/dl |                              |                                    |
| <b>Age in months</b>                                  |                                   |                          |                                 |                              |                        |                              |                                    |
| 6–11                                                  |                                   | 36.7                     | 24.3                            | 12.4                         | 0.0                    | 10.9                         | 545                                |
| 12–23                                                 |                                   | 39.3                     | 25.3                            | 13.9                         | 0.1                    | 10.7                         | 1,025                              |
| 24–35                                                 |                                   | 44.0                     | 28.2                            | 15.3                         | 0.4                    | 11.0                         | 978                                |
| 36–47                                                 |                                   | 31.5                     | 23.2                            | 8.0                          | 0.3                    | 11.4                         | 1,044                              |
| 48–59                                                 |                                   | 26.8                     | 19.0                            | 7.8                          | 0.0                    | 11.5                         | 1,033                              |
| 6–23                                                  |                                   | 38.4                     | 24.9                            | 13.4                         | 0.1                    | 10.8                         | 1,570                              |
| 24–59                                                 |                                   | 33.9                     | 23.4                            | 10.3                         | 0.3                    | 11.3                         | 3,054                              |
| <b>Sex</b>                                            |                                   |                          |                                 |                              |                        |                              |                                    |
| Male                                                  |                                   | 37.1                     | 24.4                            | 12.4                         | 0.3                    | 11.1                         | 2,411                              |
| Female                                                |                                   | 33.6                     | 23.4                            | 10.1                         | 0.1                    | 11.2                         | 2,214                              |
| <b>Mother’s interview status</b>                      |                                   |                          |                                 |                              |                        |                              |                                    |
| Interviewed                                           |                                   | 35.6                     | 24.1                            | 11.3                         | 0.2                    | 11.1                         | 4,545                              |
| Not interviewed but in household                      |                                   | (29.8)                   | (18.1)                          | (11.8)                       | (0.0)                  | (11.2)                       | 34                                 |
| Not interviewed and not in the household <sup>1</sup> |                                   | 23.1                     | 12.5                            | 10.6                         | 0.0                    | 11.5                         | 46                                 |
| <b>Residence</b>                                      |                                   |                          |                                 |                              |                        |                              |                                    |
| Urban                                                 |                                   | 31.9                     | 21.6                            | 10.1                         | 0.2                    | 11.1                         | 1,131                              |
| Rural                                                 |                                   | 36.6                     | 24.6                            | 11.7                         | 0.2                    | 11.1                         | 3,493                              |
| <b>Region</b>                                         |                                   |                          |                                 |                              |                        |                              |                                    |
| Dushanbe                                              |                                   | 31.1                     | 22.7                            | 8.2                          | 0.2                    | 11.1                         | 468                                |
| GBAO                                                  |                                   | 55.1                     | 24.9                            | 28.1                         | 2.0                    | 10.4                         | 69                                 |
| Sughd                                                 |                                   | 32.8                     | 21.6                            | 10.9                         | 0.2                    | 11.2                         | 1,225                              |
| DRS                                                   |                                   | 41.5                     | 27.9                            | 13.2                         | 0.3                    | 11.0                         | 1,092                              |
| Khatlon                                               |                                   | 33.9                     | 23.2                            | 10.6                         | 0.0                    | 11.2                         | 1,771                              |
| <b>FTF districts</b>                                  |                                   | 32.9                     | 23.8                            | 9.1                          | 0.0                    | 11.2                         | 1,111                              |
| <b>Mother’s education<sup>2</sup></b>                 |                                   |                          |                                 |                              |                        |                              |                                    |
| None/primary                                          |                                   | 37.0                     | 20.8                            | 16.2                         | 0.0                    | 11.1                         | 214                                |
| General basic                                         |                                   | 32.8                     | 20.7                            | 11.9                         | 0.2                    | 11.2                         | 1,445                              |
| General secondary                                     |                                   | 37.8                     | 27.6                            | 9.9                          | 0.3                    | 11.1                         | 2,049                              |
| Professional primary/<br>middle                       |                                   | 33.8                     | 20.0                            | 13.8                         | 0.0                    | 11.1                         | 393                                |
| Higher                                                |                                   | 33.8                     | 22.4                            | 11.3                         | 0.1                    | 11.1                         | 523                                |
| <b>Wealth quintile</b>                                |                                   |                          |                                 |                              |                        |                              |                                    |
| Lowest                                                |                                   | 40.0                     | 25.1                            | 14.6                         | 0.3                    | 11.0                         | 935                                |
| Second                                                |                                   | 37.5                     | 26.1                            | 11.0                         | 0.4                    | 11.1                         | 966                                |
| Middle                                                |                                   | 36.2                     | 24.4                            | 11.8                         | 0.0                    | 11.1                         | 936                                |
| Fourth                                                |                                   | 34.4                     | 23.6                            | 10.6                         | 0.1                    | 11.1                         | 919                                |
| Highest                                               |                                   | 28.4                     | 19.9                            | 8.3                          | 0.2                    | 11.3                         | 869                                |
| Total                                                 |                                   | 35.4                     | 23.9                            | 11.3                         | 0.2                    | 11.1                         | 4,624                              |

Note: Table is based on children who stayed in the household on the night before the interview and who were tested for anemia. Anemia classifications are based on cutoffs applied to hemoglobin levels that have been adjusted for altitude (WHO 2024). Hemoglobin is measured in grams per deciliter (g/dl) using the HemoCue 201+ device. Figures in parentheses are based on 25–49 unweighted cases.

<sup>1</sup> Includes children whose mothers are deceased

<sup>2</sup> For women who are not interviewed, information is taken from the Household Questionnaire. Excludes children whose mothers are not listed in the Household Questionnaire.

**Table 11.13 Micronutrient supplementation among children**

Among children age 6–59 months, percentages who were given iron tablets or syrup in the past 12 months, and percentage who were given vitamin A supplements in the past 6 months, according to background characteristics, Tajikistan DHS 2023

| Background characteristic               | Among children age 6–59 months:                                       |                                                                      |                    |
|-----------------------------------------|-----------------------------------------------------------------------|----------------------------------------------------------------------|--------------------|
|                                         | Percentage given iron tablets or syrup in past 12 months <sup>1</sup> | Percentage given vitamin A supplements in past 6 months <sup>2</sup> | Number of children |
| <b>Age in months</b>                    |                                                                       |                                                                      |                    |
| 6–8                                     | 59.9                                                                  | 68.8                                                                 | 229                |
| 9–11                                    | 63.5                                                                  | 83.0                                                                 | 319                |
| 12–17                                   | 66.3                                                                  | 85.1                                                                 | 512                |
| 18–23                                   | 62.1                                                                  | 86.0                                                                 | 494                |
| 24–35                                   | 57.3                                                                  | 78.8                                                                 | 958                |
| 36–47                                   | 53.1                                                                  | 63.5                                                                 | 998                |
| 48–59                                   | 47.7                                                                  | 58.9                                                                 | 1,000              |
| 6–23                                    | 63.4                                                                  | 82.6                                                                 | 1,553              |
| 24–59                                   | 52.7                                                                  | 66.9                                                                 | 2,956              |
| <b>Sex</b>                              |                                                                       |                                                                      |                    |
| Male                                    | 57.0                                                                  | 72.5                                                                 | 2,359              |
| Female                                  | 55.7                                                                  | 72.0                                                                 | 2,150              |
| <b>Breastfeeding status<sup>3</sup></b> |                                                                       |                                                                      |                    |
| Breastfeeding                           | 65.1                                                                  | 83.1                                                                 | 1,136              |
| Not breastfeeding                       | 57.8                                                                  | 79.5                                                                 | 1,375              |
| <b>Mother's age</b>                     |                                                                       |                                                                      |                    |
| 15–19                                   | *                                                                     | *                                                                    | 13                 |
| 20–29                                   | 56.0                                                                  | 72.7                                                                 | 2,826              |
| 30–39                                   | 56.9                                                                  | 72.1                                                                 | 1,498              |
| 40–49                                   | 56.8                                                                  | 69.1                                                                 | 172                |
| <b>Residence</b>                        |                                                                       |                                                                      |                    |
| Urban                                   | 65.8                                                                  | 78.1                                                                 | 1,126              |
| Rural                                   | 53.2                                                                  | 70.4                                                                 | 3,383              |
| <b>Region</b>                           |                                                                       |                                                                      |                    |
| Dushanbe                                | 78.9                                                                  | 82.7                                                                 | 458                |
| GBAO                                    | 65.4                                                                  | 86.1                                                                 | 65                 |
| Sughd                                   | 50.0                                                                  | 76.0                                                                 | 1,193              |
| DRS                                     | 55.9                                                                  | 72.1                                                                 | 1,081              |
| Khatlon                                 | 54.7                                                                  | 66.5                                                                 | 1,713              |
| <b>FTF districts</b>                    | 50.8                                                                  | 61.8                                                                 | 1,057              |
| <b>Mother's education</b>               |                                                                       |                                                                      |                    |
| None/primary                            | 61.4                                                                  | 62.3                                                                 | 246                |
| General basic                           | 55.2                                                                  | 69.8                                                                 | 1,385              |
| General secondary                       | 54.3                                                                  | 72.4                                                                 | 2,028              |
| Professional primary/middle             | 56.5                                                                  | 76.9                                                                 | 340                |
| Higher                                  | 65.3                                                                  | 80.3                                                                 | 509                |
| <b>Wealth quintile</b>                  |                                                                       |                                                                      |                    |
| Lowest                                  | 49.5                                                                  | 65.0                                                                 | 916                |
| Second                                  | 52.1                                                                  | 68.4                                                                 | 927                |
| Middle                                  | 56.3                                                                  | 73.2                                                                 | 897                |
| Fourth                                  | 57.8                                                                  | 76.7                                                                 | 905                |
| Highest                                 | 66.8                                                                  | 78.7                                                                 | 865                |
| <b>Total</b>                            | 56.4                                                                  | 72.3                                                                 | 4,509              |

Note: An asterisk indicates that a figure is based on fewer than 25 unweighted cases and has been suppressed.

<sup>1</sup> Based on mother's recall

<sup>2</sup> Based on both mother's recall and the vaccination card (where available)

<sup>3</sup> Information available for children age 0–35 months only

**Table 11.14.1 Nutritional status of women age 20–49**

Among women age 20–49, percentage with height below 145 cm, mean body mass index (BMI), and percentage with specific BMI levels, according to background characteristics, Tajikistan DHS 2023

| Background characteristic   | Short stature       |                 | Body mass index <sup>1</sup> |                          |                    |                         |                                   |                                   |                        |               | Number of women |
|-----------------------------|---------------------|-----------------|------------------------------|--------------------------|--------------------|-------------------------|-----------------------------------|-----------------------------------|------------------------|---------------|-----------------|
|                             | Height below 145 cm | Number of women | Mean body mass index (BMI)   | 18.5–24.9 (total normal) | <18.5 (total thin) | 17.0–18.4 (mildly thin) | <17 (moderately or severely thin) | ≥25.0 (total overweight or obese) | 25.0–29.9 (overweight) | ≥30.0 (obese) |                 |
| <b>Age</b>                  |                     |                 |                              |                          |                    |                         |                                   |                                   |                        |               |                 |
| 20–29                       | 1.6                 | 3,149           | 23.7                         | 62.9                     | 6.6                | 4.8                     | 1.8                               | 30.6                              | 22.5                   | 8.1           | 2,527           |
| 30–39                       | 0.7                 | 2,960           | 26.0                         | 44.9                     | 2.1                | 1.6                     | 0.6                               | 53.0                              | 35.6                   | 17.4          | 2,755           |
| 40–49                       | 0.6                 | 1,993           | 28.3                         | 30.5                     | 0.9                | 0.8                     | 0.2                               | 68.6                              | 34.5                   | 34.1          | 1,977           |
| <b>Residence</b>            |                     |                 |                              |                          |                    |                         |                                   |                                   |                        |               |                 |
| Urban                       | 0.7                 | 2,195           | 26.2                         | 45.1                     | 3.1                | 2.3                     | 0.8                               | 51.9                              | 31.7                   | 20.2          | 1,991           |
| Rural                       | 1.1                 | 5,908           | 25.7                         | 48.0                     | 3.4                | 2.5                     | 0.9                               | 48.5                              | 30.4                   | 18.1          | 5,269           |
| <b>Region</b>               |                     |                 |                              |                          |                    |                         |                                   |                                   |                        |               |                 |
| Dushanbe                    | 0.7                 | 864             | 25.9                         | 47.5                     | 2.8                | 2.0                     | 0.8                               | 49.8                              | 32.1                   | 17.6          | 784             |
| GBAO                        | 2.0                 | 130             | 24.4                         | 52.2                     | 8.6                | 6.9                     | 1.7                               | 39.1                              | 25.6                   | 13.5          | 120             |
| Sughd                       | 1.3                 | 2,288           | 26.0                         | 48.2                     | 2.6                | 1.9                     | 0.8                               | 49.2                              | 29.0                   | 20.1          | 2,067           |
| DRS                         | 1.1                 | 1,924           | 26.3                         | 42.7                     | 2.7                | 2.0                     | 0.7                               | 54.7                              | 34.2                   | 20.5          | 1,742           |
| Khatlon                     | 0.8                 | 2,896           | 25.4                         | 49.2                     | 4.3                | 3.2                     | 1.1                               | 46.5                              | 29.6                   | 16.9          | 2,547           |
| <b>FTF districts</b>        | 0.2                 | 1,596           | 25.2                         | 51.5                     | 3.4                | 2.5                     | 0.9                               | 45.1                              | 31.4                   | 13.7          | 1,416           |
| <b>Education</b>            |                     |                 |                              |                          |                    |                         |                                   |                                   |                        |               |                 |
| None/primary                | 2.2                 | 407             | 25.5                         | 52.9                     | 4.7                | 2.9                     | 1.8                               | 42.4                              | 24.4                   | 18.0          | 370             |
| General basic               | 0.9                 | 2,439           | 26.5                         | 42.7                     | 2.5                | 2.1                     | 0.5                               | 54.8                              | 32.9                   | 21.9          | 2,197           |
| General secondary           | 1.1                 | 3,564           | 25.8                         | 48.1                     | 2.8                | 2.0                     | 0.8                               | 49.1                              | 31.5                   | 17.6          | 3,194           |
| Professional primary/middle | 0.8                 | 645             | 25.1                         | 51.0                     | 5.7                | 4.1                     | 1.5                               | 43.3                              | 26.7                   | 16.6          | 558             |
| Higher                      | 0.6                 | 1,048           | 25.2                         | 50.3                     | 5.1                | 4.0                     | 1.1                               | 44.6                              | 28.1                   | 16.5          | 940             |
| <b>Wealth quintile</b>      |                     |                 |                              |                          |                    |                         |                                   |                                   |                        |               |                 |
| Lowest                      | 1.1                 | 1,534           | 25.4                         | 49.5                     | 4.4                | 3.2                     | 1.2                               | 46.1                              | 28.6                   | 17.5          | 1,367           |
| Second                      | 1.6                 | 1,599           | 25.5                         | 49.8                     | 4.4                | 3.1                     | 1.3                               | 45.8                              | 27.6                   | 18.2          | 1,418           |
| Middle                      | 1.2                 | 1,616           | 25.7                         | 48.4                     | 2.6                | 1.8                     | 0.8                               | 48.9                              | 31.7                   | 17.2          | 1,430           |
| Fourth                      | 0.7                 | 1,642           | 26.1                         | 44.7                     | 2.6                | 2.1                     | 0.4                               | 52.7                              | 32.6                   | 20.1          | 1,489           |
| Highest                     | 0.5                 | 1,713           | 26.3                         | 44.2                     | 2.8                | 2.2                     | 0.6                               | 53.1                              | 32.8                   | 20.2          | 1,555           |
| <b>Total</b>                | 1.0                 | 8,103           | 25.8                         | 47.2                     | 3.3                | 2.5                     | 0.9                               | 49.5                              | 30.7                   | 18.7          | 7,259           |

Note: Body mass index (BMI) is expressed as the ratio of weight in kilograms to the square of height in meters (kg/m<sup>2</sup>) for adults age 20–49.

<sup>1</sup> Excludes pregnant women and women with a birth in the preceding 2 months



**Table 11.14.2 Nutritional status of adolescent women age 15–19**

Among women age 15–19, percentage with height-for-age below –2 standard deviations (SD), mean body mass index (BMI)-for-age z score, and percentage with specific BMI-for-age levels, according to background characteristics, Tajikistan DHS 2023

| Background characteristic   | Short stature              |                 | Body mass index-for-age <sup>1</sup> |                               |                                  |                               |                                      |                                                 |                              |                | Number of women |
|-----------------------------|----------------------------|-----------------|--------------------------------------|-------------------------------|----------------------------------|-------------------------------|--------------------------------------|-------------------------------------------------|------------------------------|----------------|-----------------|
|                             | Height-for-age below –2 SD | Number of women | Mean BMI-for-age z score             | –1 SD to +1 SD (total normal) | <–1 SD (total thin) <sup>2</sup> | <–1 SD to –2 SD (mildly thin) | <–2 SD (moderately or severely thin) | >+1 SD (total overweight or obese) <sup>3</sup> | >+1 SD to +2 SD (overweight) | >+2 SD (obese) |                 |
| <b>Residence</b>            |                            |                 |                                      |                               |                                  |                               |                                      |                                                 |                              |                |                 |
| Urban                       | 7.7                        | 472             | 0.0                                  | 79.1                          | 10.0                             | 9.2                           | 0.8                                  | 10.9                                            | 9.0                          | 1.9            | 454             |
| Rural                       | 8.9                        | 1,221           | 0.0                                  | 76.5                          | 11.7                             | 10.8                          | 0.9                                  | 11.8                                            | 9.6                          | 2.2            | 1,143           |
| <b>Region</b>               |                            |                 |                                      |                               |                                  |                               |                                      |                                                 |                              |                |                 |
| Dushanbe                    | 8.2                        | 202             | –0.1                                 | 80.1                          | 10.4                             | 9.9                           | 0.5                                  | 9.5                                             | 8.8                          | 0.6            | 199             |
| GBAO                        | 7.4                        | 26              | –0.2                                 | 74.0                          | 17.0                             | 13.2                          | 3.8                                  | 9.1                                             | 8.2                          | 0.8            | 25              |
| Sughd                       | 8.1                        | 468             | 0.1                                  | 75.3                          | 10.2                             | 10.0                          | 0.3                                  | 14.4                                            | 12.0                         | 2.4            | 433             |
| DRS                         | 9.4                        | 410             | –0.0                                 | 76.8                          | 11.5                             | 9.9                           | 1.6                                  | 11.7                                            | 10.4                         | 1.4            | 385             |
| Khatlon                     | 8.5                        | 587             | –0.0                                 | 78.2                          | 11.9                             | 10.9                          | 1.0                                  | 9.9                                             | 7.0                          | 2.9            | 555             |
| <b>FTF districts</b>        | 7.2                        | 336             | 0.0                                  | 79.6                          | 10.0                             | 9.5                           | 0.5                                  | 10.3                                            | 7.2                          | 3.1            | 315             |
| <b>Education</b>            |                            |                 |                                      |                               |                                  |                               |                                      |                                                 |                              |                |                 |
| None/primary                | (7.0)                      | 33              | 0.1                                  | (76.3)                        | (13.2)                           | (13.2)                        | (0.0)                                | (10.5)                                          | (4.8)                        | (5.7)          | 28              |
| General basic               | 9.3                        | 809             | 0.0                                  | 78.1                          | 10.5                             | 9.9                           | 0.6                                  | 11.4                                            | 9.4                          | 2.0            | 786             |
| General secondary           | 8.7                        | 627             | 0.1                                  | 76.1                          | 11.3                             | 10.7                          | 0.6                                  | 12.6                                            | 10.0                         | 2.6            | 574             |
| Professional primary/middle | 4.3                        | 125             | –0.0                                 | 76.7                          | 12.4                             | 9.5                           | 2.9                                  | 10.9                                            | 10.4                         | 0.6            | 116             |
| Higher                      | 7.2                        | 99              | –0.1                                 | 77.8                          | 15.1                             | 12.0                          | 3.1                                  | 7.1                                             | 6.2                          | 0.8            | 92              |
| <b>Wealth quintile</b>      |                            |                 |                                      |                               |                                  |                               |                                      |                                                 |                              |                |                 |
| Lowest                      | 8.2                        | 291             | –0.0                                 | 77.1                          | 11.7                             | 10.9                          | 0.8                                  | 11.2                                            | 8.8                          | 2.3            | 280             |
| Second                      | 6.9                        | 354             | –0.0                                 | 77.7                          | 13.0                             | 12.4                          | 0.7                                  | 9.2                                             | 5.9                          | 3.3            | 340             |
| Middle                      | 11.2                       | 338             | 0.1                                  | 74.2                          | 11.2                             | 9.9                           | 1.3                                  | 14.5                                            | 13.1                         | 1.4            | 314             |
| Fourth                      | 10.0                       | 313             | 0.1                                  | 76.0                          | 9.7                              | 9.5                           | 0.2                                  | 14.3                                            | 11.2                         | 3.1            | 283             |
| Highest                     | 7.0                        | 397             | –0.1                                 | 80.3                          | 10.5                             | 9.1                           | 1.4                                  | 9.2                                             | 8.6                          | 0.7            | 379             |
| <b>Total</b>                | 8.6                        | 1,692           | 0.0                                  | 77.2                          | 11.3                             | 10.3                          | 0.9                                  | 11.5                                            | 9.4                          | 2.1            | 1,597           |

Note: Height-for-age and body mass index (BMI)-for-age are expressed in standard deviation units (SD) from the median of the WHO Growth Reference for adolescent women age 15–19. Figures in parentheses are based on 25–49 unweighted cases.

<sup>1</sup> Excludes pregnant women and women with a birth in the preceding 2 months

<sup>2</sup> Includes adolescent women age 15–19 who are below –2 standard deviations (SD) from the WHO Growth Reference population median

<sup>3</sup> Includes adolescent women age 15–19 who are above +2 standard deviations (SD) from the WHO Growth Reference population median

**Table 11.15 Foods and liquids consumed by women in the day or night preceding the interview**

Percentage of women age 15–49 by type of foods and liquids consumed in the day or night preceding the interview, according to background characteristics, Tajikistan DHS 2023

| Background characteristic   | Grains | Roots, tubers, and plantains | Pulses (beans, peas, lentils) | Nuts and seeds | Dairy products (milk, cheese, yogurt) | Flesh foods (meat, fish, poultry, organ meats) | Eggs | Dark green leafy vegetables | Vitamin A-rich fruits and vegetables | Other vegetables | Other fruits | Sweet foods <sup>1</sup> | Fried and salty foods <sup>2</sup> | Fruit juice and fruit-flavored drinks, kompot, or mors | Sodas, malt drinks, sports drinks, and energy drinks | Sweetened tea, coffee, herbal drinks, and other sweet beverages <sup>3</sup> | Number of women |
|-----------------------------|--------|------------------------------|-------------------------------|----------------|---------------------------------------|------------------------------------------------|------|-----------------------------|--------------------------------------|------------------|--------------|--------------------------|------------------------------------|--------------------------------------------------------|------------------------------------------------------|------------------------------------------------------------------------------|-----------------|
| <b>Age</b>                  |        |                              |                               |                |                                       |                                                |      |                             |                                      |                  |              |                          |                                    |                                                        |                                                      |                                                                              |                 |
| 15–19                       | 98.3   | 88.9                         | 41.1                          | 33.7           | 66.4                                  | 85.2                                           | 60.3 | 26.3                        | 78.6                                 | 81.0             | 70.9         | 68.3                     | 26.6                               | 38.0                                                   | 39.7                                                 | 87.6                                                                         | 1,710           |
| 20–29                       | 98.7   | 90.3                         | 44.4                          | 27.9           | 65.6                                  | 87.1                                           | 63.3 | 28.6                        | 80.9                                 | 77.5             | 67.8         | 63.5                     | 14.1                               | 35.7                                                   | 24.1                                                 | 89.2                                                                         | 3,175           |
| 30–39                       | 98.5   | 90.8                         | 48.2                          | 28.3           | 67.5                                  | 84.9                                           | 61.6 | 29.3                        | 81.7                                 | 82.7             | 68.4         | 60.4                     | 11.9                               | 35.8                                                   | 22.8                                                 | 89.5                                                                         | 2,980           |
| 40–49                       | 98.8   | 90.7                         | 49.5                          | 29.2           | 68.3                                  | 86.7                                           | 64.2 | 33.5                        | 83.2                                 | 83.6             | 70.2         | 62.6                     | 12.8                               | 38.0                                                   | 24.9                                                 | 89.8                                                                         | 2,014           |
| <b>Maternity status</b>     |        |                              |                               |                |                                       |                                                |      |                             |                                      |                  |              |                          |                                    |                                                        |                                                      |                                                                              |                 |
| Pregnant                    | 98.8   | 88.6                         | 46.7                          | 32.0           | 68.9                                  | 88.5                                           | 60.7 | 28.8                        | 81.8                                 | 81.8             | 73.4         | 67.5                     | 15.6                               | 41.8                                                   | 21.8                                                 | 90.1                                                                         | 752             |
| Not pregnant <sup>4</sup>   | 98.6   | 90.4                         | 46.0                          | 29.1           | 66.7                                  | 85.8                                           | 62.6 | 29.5                        | 81.1                                 | 80.9             | 68.6         | 62.9                     | 15.3                               | 36.1                                                   | 26.9                                                 | 89.0                                                                         | 9,127           |
| <b>Residence</b>            |        |                              |                               |                |                                       |                                                |      |                             |                                      |                  |              |                          |                                    |                                                        |                                                      |                                                                              |                 |
| Urban                       | 98.5   | 91.8                         | 44.2                          | 27.8           | 68.2                                  | 90.9                                           | 67.2 | 34.8                        | 78.0                                 | 81.9             | 70.7         | 71.2                     | 17.1                               | 42.9                                                   | 36.6                                                 | 87.1                                                                         | 2,705           |
| Rural                       | 98.6   | 89.7                         | 46.7                          | 29.8           | 66.3                                  | 84.2                                           | 60.6 | 27.4                        | 82.4                                 | 80.6             | 68.3         | 60.2                     | 14.7                               | 34.2                                                   | 22.7                                                 | 89.9                                                                         | 7,174           |
| <b>Region</b>               |        |                              |                               |                |                                       |                                                |      |                             |                                      |                  |              |                          |                                    |                                                        |                                                      |                                                                              |                 |
| Dushanbe                    | 98.9   | 91.8                         | 45.8                          | 20.6           | 70.4                                  | 93.0                                           | 67.7 | 36.1                        | 70.8                                 | 82.9             | 72.3         | 74.7                     | 15.5                               | 50.7                                                   | 45.7                                                 | 83.4                                                                         | 1,077           |
| GBAO                        | 99.3   | 85.8                         | 40.6                          | 31.8           | 94.3                                  | 88.2                                           | 45.4 | 38.5                        | 79.3                                 | 66.4             | 78.7         | 65.8                     | 8.3                                | 30.4                                                   | 8.1                                                  | 94.3                                                                         | 157             |
| Sughd                       | 98.2   | 95.8                         | 53.5                          | 35.1           | 68.3                                  | 93.7                                           | 65.2 | 42.1                        | 89.9                                 | 86.3             | 79.7         | 71.1                     | 14.8                               | 35.0                                                   | 23.7                                                 | 90.4                                                                         | 2,780           |
| DRS                         | 98.9   | 91.2                         | 42.4                          | 28.1           | 66.4                                  | 78.1                                           | 60.5 | 22.3                        | 80.5                                 | 81.2             | 65.2         | 56.6                     | 16.9                               | 34.3                                                   | 22.6                                                 | 91.8                                                                         | 2,356           |
| Khatlon                     | 98.6   | 85.1                         | 42.8                          | 28.0           | 63.6                                  | 83.1                                           | 60.7 | 21.7                        | 78.0                                 | 76.6             | 61.6         | 57.8                     | 15.1                               | 35.2                                                   | 26.4                                                 | 87.8                                                                         | 3,509           |
| <b>FTF districts</b>        | 99.7   | 81.9                         | 43.7                          | 28.7           | 63.9                                  | 82.1                                           | 57.6 | 25.8                        | 79.0                                 | 75.5             | 60.3         | 56.2                     | 17.1                               | 38.3                                                   | 31.1                                                 | 86.9                                                                         | 1,937           |
| <b>Education</b>            |        |                              |                               |                |                                       |                                                |      |                             |                                      |                  |              |                          |                                    |                                                        |                                                      |                                                                              |                 |
| None/primary                | 97.2   | 90.6                         | 46.5                          | 25.9           | 59.6                                  | 77.7                                           | 54.4 | 28.8                        | 76.9                                 | 78.0             | 60.7         | 49.9                     | 15.4                               | 32.2                                                   | 20.1                                                 | 86.1                                                                         | 443             |
| General basic               | 98.7   | 89.3                         | 46.1                          | 26.3           | 66.5                                  | 82.5                                           | 61.2 | 26.5                        | 78.5                                 | 81.8             | 67.1         | 60.4                     | 16.3                               | 35.2                                                   | 26.9                                                 | 89.6                                                                         | 3,271           |
| General secondary           | 98.6   | 90.5                         | 47.2                          | 30.1           | 66.6                                  | 87.3                                           | 63.0 | 30.8                        | 84.3                                 | 80.7             | 69.6         | 64.2                     | 13.9                               | 37.3                                                   | 24.3                                                 | 89.3                                                                         | 4,230           |
| Professional primary/middle | 99.3   | 92.1                         | 41.6                          | 33.4           | 67.7                                  | 89.3                                           | 63.9 | 29.8                        | 83.9                                 | 80.8             | 70.1         | 66.8                     | 16.4                               | 34.7                                                   | 30.3                                                 | 86.3                                                                         | 778             |
| Higher                      | 98.2   | 90.9                         | 44.1                          | 33.4           | 70.9                                  | 92.3                                           | 65.6 | 32.6                        | 77.4                                 | 80.5             | 74.4         | 70.3                     | 17.3                               | 40.7                                                   | 33.7                                                 | 90.2                                                                         | 1,157           |
| <b>Wealth quintile</b>      |        |                              |                               |                |                                       |                                                |      |                             |                                      |                  |              |                          |                                    |                                                        |                                                      |                                                                              |                 |
| Lowest                      | 98.6   | 87.1                         | 42.1                          | 17.4           | 65.8                                  | 72.7                                           | 55.5 | 18.2                        | 77.5                                 | 74.9             | 62.4         | 45.4                     | 10.1                               | 30.7                                                   | 16.7                                                 | 88.5                                                                         | 1,842           |
| Second                      | 98.8   | 88.9                         | 47.6                          | 26.4           | 63.2                                  | 83.2                                           | 59.0 | 27.2                        | 82.6                                 | 82.2             | 67.0         | 60.3                     | 14.7                               | 33.6                                                   | 22.4                                                 | 91.4                                                                         | 1,967           |
| Middle                      | 98.7   | 92.1                         | 46.9                          | 33.7           | 64.7                                  | 88.8                                           | 62.0 | 31.8                        | 84.8                                 | 82.7             | 69.7         | 63.3                     | 16.3                               | 34.1                                                   | 23.8                                                 | 89.8                                                                         | 1,966           |
| Fourth                      | 98.5   | 89.9                         | 48.7                          | 37.8           | 69.4                                  | 90.5                                           | 65.7 | 33.0                        | 83.4                                 | 81.7             | 71.1         | 69.7                     | 17.3                               | 38.0                                                   | 28.4                                                 | 89.7                                                                         | 1,964           |
| Highest                     | 98.3   | 93.0                         | 44.6                          | 30.3           | 70.7                                  | 93.4                                           | 68.9 | 35.6                        | 77.7                                 | 82.6             | 74.0         | 75.3                     | 17.8                               | 45.3                                                   | 39.7                                                 | 86.4                                                                         | 2,140           |
| Total                       | 98.6   | 90.3                         | 46.0                          | 29.3           | 66.9                                  | 86.0                                           | 62.4 | 29.4                        | 81.2                                 | 80.9             | 69.0         | 63.2                     | 15.4                               | 36.6                                                   | 26.5                                                 | 89.1                                                                         | 9,879           |

Note: See the Woman's Questionnaire for list of liquids and foods.

<sup>1</sup> Sentinel sweet foods such as chocolates, candies, ice cream, halva, cakes, cookies, wafers, pastries, sweet rolls, or chak chak<sup>2</sup> Sentinel fried and salty foods such as chips, suhariki, instant noodles (e.g., Rolton or Doshirak), French fries, piroshki, chebureki, or belyashi<sup>3</sup> Other sweetened beverages include beverages such as tea with sugar, coffee with sugar, cocoa, milk cocktails, and other liquids.<sup>4</sup> Includes women who do not know if they are pregnant

**Table 11.16 Minimum dietary diversity and unhealthy food and beverage consumption among women**

Percentage of women age 15–49 consuming sweet beverages, percentage consuming sentinel unhealthy foods, and percentage achieving minimum dietary diversity for women, according to background characteristics, Tajikistan DHS 2023

| Background characteristic   | Minimum dietary diversity for women <sup>1</sup> | Sweet beverage consumption <sup>2</sup> | Unhealthy food consumption <sup>3</sup> | Number of women |
|-----------------------------|--------------------------------------------------|-----------------------------------------|-----------------------------------------|-----------------|
| <b>Age</b>                  |                                                  |                                         |                                         |                 |
| 15–19                       | 85.1                                             | 95.5                                    | 73.1                                    | 1,710           |
| 20–29                       | 86.5                                             | 94.4                                    | 67.5                                    | 3,175           |
| 30–39                       | 86.8                                             | 94.5                                    | 63.6                                    | 2,980           |
| 40–49                       | 89.4                                             | 94.4                                    | 66.1                                    | 2,014           |
| <b>Maternity status</b>     |                                                  |                                         |                                         |                 |
| Pregnant                    | 88.9                                             | 95.2                                    | 71.6                                    | 752             |
| Not pregnant <sup>4</sup>   | 86.8                                             | 94.6                                    | 66.6                                    | 9,127           |
| <b>Residence</b>            |                                                  |                                         |                                         |                 |
| Urban                       | 88.3                                             | 95.8                                    | 74.4                                    | 2,705           |
| Rural                       | 86.4                                             | 94.2                                    | 64.2                                    | 7,174           |
| <b>Region</b>               |                                                  |                                         |                                         |                 |
| Dushanbe                    | 86.7                                             | 97.0                                    | 76.8                                    | 1,077           |
| GBAO                        | 92.1                                             | 97.5                                    | 67.8                                    | 157             |
| Sughd                       | 94.5                                             | 94.6                                    | 73.2                                    | 2,780           |
| DRS                         | 84.5                                             | 96.7                                    | 62.9                                    | 2,356           |
| Khatlon                     | 82.4                                             | 92.4                                    | 61.8                                    | 3,509           |
| <b>FTF districts</b>        | 83.0                                             | 91.7                                    | 60.2                                    | 1,937           |
| <b>Education</b>            |                                                  |                                         |                                         |                 |
| None/primary                | 79.8                                             | 90.5                                    | 53.6                                    | 443             |
| General basic               | 85.1                                             | 95.0                                    | 65.2                                    | 3,271           |
| General secondary           | 88.0                                             | 94.5                                    | 67.3                                    | 4,230           |
| Professional primary/middle | 88.0                                             | 93.9                                    | 69.8                                    | 778             |
| Higher                      | 90.2                                             | 96.1                                    | 74.3                                    | 1,157           |
| <b>Wealth quintile</b>      |                                                  |                                         |                                         |                 |
| Lowest                      | 77.1                                             | 91.8                                    | 49.3                                    | 1,842           |
| Second                      | 86.4                                             | 94.7                                    | 63.5                                    | 1,967           |
| Middle                      | 89.6                                             | 94.6                                    | 67.6                                    | 1,966           |
| Fourth                      | 90.9                                             | 95.3                                    | 74.1                                    | 1,964           |
| Highest                     | 89.7                                             | 96.4                                    | 78.4                                    | 2,140           |
| <b>Total</b>                | 86.9                                             | 94.6                                    | 67.0                                    | 9,879           |

<sup>1</sup> Minimum dietary diversity for women is defined as consuming foods from five or more of the following 10 food groups: a. grains, roots, and tubers; b. pulses (beans, peas, lentils); c. nuts and seeds; d. dairy products (milk, cheese, yogurt); e. flesh foods (meat, fish, poultry, organ meats); f. eggs; g. dark green leafy vegetables; h. vitamin A-rich fruits and vegetables; i. other vegetables; j. other fruits.

<sup>2</sup> Sweet beverages include fruit juice and fruit-flavored drinks, kompot, mors, sodas, sports drinks, energy drinks, sweetened tea, coffee, cocoa, milk cocktails, and other sweetened liquids.

<sup>3</sup> Unhealthy foods include sweet foods such as chocolates, candies, ice cream, halva, cakes, cookies, wafers, pastries, sweet rolls, and chak chak and fried and salty foods such as chips, suhariki, instant noodles (e.g., Rolton or Doshirak), French fries, piroshki, chebureki, and belyashi.

<sup>4</sup> Includes women who do not know if they are pregnant

**Table 11.17 Prevalence of anemia in women**

Percentage of women age 15–49 classified as having anemia, and mean hemoglobin level, according to background characteristics, Tajikistan DHS 2023

| Background characteristic           | Anemia status by hemoglobin level |                |                |               |           | Mean hemoglobin level (g/dl) | Number of women |
|-------------------------------------|-----------------------------------|----------------|----------------|---------------|-----------|------------------------------|-----------------|
|                                     |                                   | Any            | Mild           | Moderate      | Severe    |                              |                 |
|                                     | Not pregnant                      | <12.0 g/dl     | 11.0–11.9 g/dl | 8.0–10.9 g/dl | <8.0 g/dl |                              |                 |
|                                     | Pregnant trimester 1              | <11.0 g/dl     | 10.0–10.9 g/dl | 7.0–9.9 g/dl  | <7.0 g/dl |                              |                 |
|                                     | Pregnant trimester 2              | <10.5 g/dl     | 9.5–10.4 g/dl  | 7.0–9.4 g/dl  | <7.0 g/dl |                              |                 |
| Pregnant trimester 3                | <11.0 g/dl                        | 10.0–10.9 g/dl | 7.0–9.9 g/dl   | <7.0 g/dl     |           |                              |                 |
| <b>Age</b>                          |                                   |                |                |               |           |                              |                 |
| 15–19                               |                                   | 36.0           | 22.5           | 12.8          | 0.7       | 12.2                         | 1,684           |
| 20–29                               |                                   | 34.1           | 21.1           | 12.6          | 0.3       | 12.1                         | 3,126           |
| 30–39                               |                                   | 36.4           | 21.1           | 14.2          | 1.0       | 12.1                         | 2,944           |
| 40–49                               |                                   | 36.6           | 20.6           | 14.6          | 1.5       | 12.1                         | 1,992           |
| <b>Number of children ever born</b> |                                   |                |                |               |           |                              |                 |
| 0                                   |                                   | 35.6           | 22.4           | 12.6          | 0.6       | 12.2                         | 2,664           |
| 1                                   |                                   | 35.1           | 21.2           | 13.0          | 0.9       | 12.1                         | 1,071           |
| 2–3                                 |                                   | 35.1           | 20.1           | 14.2          | 0.8       | 12.1                         | 3,799           |
| 4–5                                 |                                   | 36.5           | 21.5           | 14.1          | 0.9       | 12.2                         | 2,011           |
| 6+                                  |                                   | 38.9           | 24.3           | 11.8          | 2.7       | 12.2                         | 201             |
| <b>Maternity status</b>             |                                   |                |                |               |           |                              |                 |
| Pregnant                            |                                   | 29.8           | 18.9           | 10.7          | 0.2       | 11.5                         | 744             |
| Not pregnant <sup>1</sup>           |                                   | 36.1           | 21.4           | 13.8          | 0.9       | 12.2                         | 9,002           |
| <b>Using IUD</b>                    |                                   |                |                |               |           |                              |                 |
| Yes                                 |                                   | 35.2           | 20.7           | 13.5          | 1.0       | 12.2                         | 1,326           |
| No                                  |                                   | 35.7           | 21.3           | 13.6          | 0.8       | 12.1                         | 8,420           |
| <b>Residence</b>                    |                                   |                |                |               |           |                              |                 |
| Urban                               |                                   | 33.4           | 20.3           | 12.3          | 0.8       | 12.2                         | 2,645           |
| Rural                               |                                   | 36.5           | 21.6           | 14.0          | 0.9       | 12.1                         | 7,101           |
| <b>Region</b>                       |                                   |                |                |               |           |                              |                 |
| Dushanbe                            |                                   | 28.4           | 18.0           | 9.6           | 0.8       | 12.3                         | 1,056           |
| GBAO                                |                                   | 42.4           | 20.9           | 19.2          | 2.3       | 12.0                         | 156             |
| Sughd                               |                                   | 35.8           | 19.6           | 15.0          | 1.2       | 12.1                         | 2,737           |
| DRS                                 |                                   | 40.8           | 24.6           | 15.1          | 1.1       | 12.0                         | 2,328           |
| Khatlon                             |                                   | 34.0           | 21.3           | 12.3          | 0.4       | 12.2                         | 3,469           |
| FTF districts                       |                                   | 29.4           | 18.9           | 10.4          | 0.2       | 12.4                         | 1,931           |
| <b>Education</b>                    |                                   |                |                |               |           |                              |                 |
| None/primary                        |                                   | 38.3           | 24.0           | 13.9          | 0.3       | 12.1                         | 431             |
| General basic                       |                                   | 36.2           | 22.0           | 13.1          | 1.1       | 12.2                         | 3,235           |
| General secondary                   |                                   | 35.1           | 20.3           | 14.0          | 0.7       | 12.2                         | 4,173           |
| Professional primary/               |                                   |                |                |               |           |                              |                 |
| middle                              |                                   | 35.0           | 20.3           | 14.0          | 0.8       | 12.1                         | 768             |
| Higher                              |                                   | 35.3           | 21.9           | 12.6          | 0.8       | 12.1                         | 1,139           |
| <b>Wealth quintile</b>              |                                   |                |                |               |           |                              |                 |
| Lowest                              |                                   | 38.4           | 23.4           | 13.5          | 1.6       | 12.1                         | 1,816           |
| Second                              |                                   | 35.9           | 20.9           | 14.2          | 0.8       | 12.2                         | 1,949           |
| Middle                              |                                   | 35.7           | 20.8           | 14.3          | 0.6       | 12.2                         | 1,946           |
| Fourth                              |                                   | 35.9           | 21.1           | 14.3          | 0.5       | 12.2                         | 1,934           |
| Highest                             |                                   | 32.7           | 20.3           | 11.6          | 0.7       | 12.2                         | 2,100           |
| Total                               |                                   | 35.6           | 21.2           | 13.5          | 0.8       | 12.2                         | 9,746           |

Note: Anemia classifications are based on cutoffs applied to hemoglobin levels that have been adjusted for altitude and cigarette smoking (WHO 2024). Hemoglobin is measured in grams per deciliter (g/dl) using the HemoCue 201+ device.

<sup>1</sup> Includes women who do not know if they are pregnant

**Table 11.18 Presence of iodized salt in household**

Among all households, percentage with salt tested for iodine content and percentage with no salt in the household, and among households with salt tested, percentage with iodized salt, according to background characteristics, Tajikistan DHS 2023

| Background characteristic | Among all households, percentage: |                               |                      | Among households with tested salt: |                      |
|---------------------------|-----------------------------------|-------------------------------|----------------------|------------------------------------|----------------------|
|                           | With salt tested                  | With no salt in the household | Number of households | Percentage with iodized salt       | Number of households |
| <b>Residence</b>          |                                   |                               |                      |                                    |                      |
| Urban                     | 99.9                              | 0.1                           | 2,393                | 91.0                               | 2,391                |
| Rural                     | 100.0                             | 0.0                           | 5,642                | 81.4                               | 5,640                |
| <b>Region</b>             |                                   |                               |                      |                                    |                      |
| Dushanbe                  | 99.8                              | 0.2                           | 911                  | 97.0                               | 909                  |
| GBAO                      | 99.9                              | 0.1                           | 180                  | 75.0                               | 180                  |
| Sughd                     | 100.0                             | 0.0                           | 2,322                | 85.1                               | 2,322                |
| DRS                       | 99.9                              | 0.1                           | 1,849                | 76.8                               | 1,847                |
| Khatlon                   | 100.0                             | 0.0                           | 2,773                | 84.8                               | 2,773                |
| <b>FTF districts</b>      | 100.0                             | 0.0                           | 1,510                | 85.9                               | 1,509                |
| <b>Wealth quintile</b>    |                                   |                               |                      |                                    |                      |
| Lowest                    | 100.0                             | 0.0                           | 1,521                | 76.0                               | 1,521                |
| Second                    | 100.0                             | 0.0                           | 1,525                | 80.5                               | 1,525                |
| Middle                    | 99.9                              | 0.1                           | 1,540                | 83.3                               | 1,538                |
| Fourth                    | 100.0                             | 0.0                           | 1,572                | 86.4                               | 1,572                |
| Highest                   | 99.9                              | 0.1                           | 1,876                | 92.9                               | 1,875                |
| <b>Total</b>              | 99.9                              | 0.1                           | 8,035                | 84.2                               | 8,030                |

Note: Salt was tested for the presence of potassium iodate.

## Key Findings

- **Knowledge of HIV or AIDS:** 78% of women age 15–49 have heard of HIV or AIDS, an increase from 53% in the 2017 TjDHS.
- **Discriminatory attitudes towards people living with HIV:** 72% of women who have heard of HIV or AIDS expressed discriminatory attitudes towards people living with HIV.
- **HIV testing:** 70% of women who gave birth in the 2 years preceding the survey were tested for HIV during either antenatal care (ANC) or labor and received the results.
- **Self-reported prevalence of STIs:** 8% of women who had ever had sexual intercourse reported having had a sexually transmitted infection (STI) and/or STI symptoms in the 12 months preceding the survey.
- **Knowledge of HIV prevention methods among young women:** Only 10% of women age 15–24 are knowledgeable about HIV prevention.

This chapter presents information on the current status of HIV knowledge, attitudes, and testing coverage among all women age 15–49 and young women age 15–24.

## 12.1 KNOWLEDGE OF HIV OR AIDS

Nearly 8 in 10 women age 15–49 (78%) have heard of HIV or AIDS (**Table 12.1**), a substantial increase from 53% in the 2017 TjDHS.

### Patterns by background characteristics

- Eighty percent of ever-married women have heard of HIV or AIDS, as compared with 67% of never-married women.
- By region, the percentages of women who have heard of HIV or AIDS are highest in Dushanbe (94%) and Gorno-Badakhshan Autonomous Oblast (GBAO) (90%) and lowest in Khatlon (77%) and Districts of Republican Subordination (DRS) (62%).
- Knowledge of HIV or AIDS increases with increasing education, from 65% among women with no education or a primary education to 91% among women with a higher education.

## 12.2 KNOWLEDGE AND ATTITUDES ABOUT MEDICINES TO TREAT OR PREVENT HIV

Antiretroviral medicines, or ARVs, are a powerful tool in the fight against HIV. ARVs are taken by people living with HIV to keep them healthy by preventing the virus from progressing to AIDS. By taking ARVs, individuals living with HIV also greatly reduce the risk of passing the virus on to others. Women living with HIV who take ARVs during pregnancy and breastfeeding reduce the chances of passing the virus on to their children. In addition, people who are HIV negative can take ARVs to reduce their chances of

acquiring HIV. This is called preexposure prophylaxis, or PrEP. Knowledge about and positive attitudes towards these treatment and prevention measures help to promote their use and prevent transmission of HIV.

Thirty-six percent of women have heard of ARVs, 27% know that the risk of mother-to-child transmission (MTCT) can be reduced by the mother taking special drugs, and 27% have heard of PrEP (Table 12.2 and Figure 12.1). Of women who have heard of PrEP, 56% approve of people taking PrEP to prevent acquiring HIV.

**Trends:** The percentage of women age 15–49 who know that the risk of MTCT can be reduced by the mother taking special drugs decreased from 23% in 2012 to 20% in 2017 before increasing to 27% in 2023 (Figure 12.2).

### Patterns by background characteristics

- The percentage of women who have heard of ARVs is higher in urban areas than in rural areas (44% versus 33%). Similarly, 31% of women in urban areas and 26% in rural areas know that the risk of MTCT can be reduced by the mother taking special drugs, and 34% and 24%, respectively, have heard of PrEP. Among women who have heard of PrEP, there is little difference by residence in the percentage who approve of people who take PrEP (57% in urban areas and 55% in rural areas).
- Knowledge of ARVs, knowledge that the risk of MTCT can be reduced by the mother taking special drugs, and knowledge of PrEP all increase with increasing education, with the largest percentage increases occurring between the general secondary and professional primary levels.

**Figure 12.1 Knowledge of medicines to treat HIV or prevent HIV transmission**

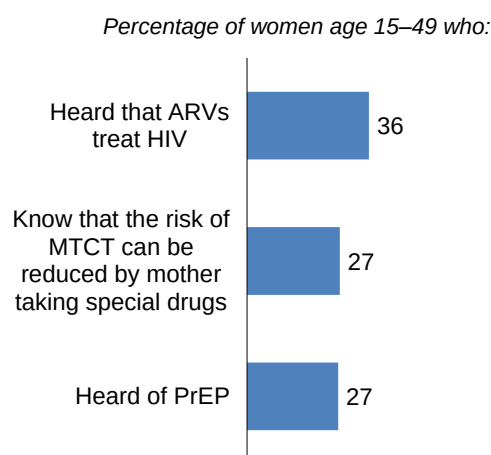
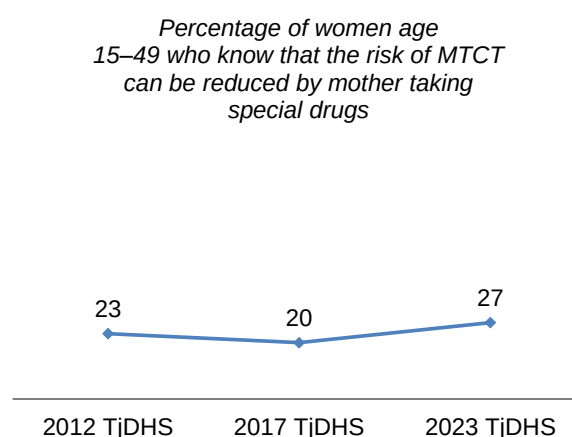


**Figure 12.2 Trends in knowledge of mother-to-child transmission (MTCT)**



## 12.3 DISCRIMINATORY ATTITUDES TOWARDS PEOPLE LIVING WITH HIV

Widespread stigma and discrimination in a population can adversely affect both people's willingness to be tested and their adherence to antiretroviral therapy (ART). Thus, reduction of stigma and discrimination in a population is an important indicator of the success of programs targeting HIV prevention and control.

### Discriminatory attitudes towards people living with HIV

Women were asked two questions to assess discriminatory attitudes towards people living with HIV. Respondents with discriminatory attitudes towards people living with HIV are those who say that they would not buy fresh vegetables from a shopkeeper or vendor if they knew that person had HIV or who say that children living with HIV should not be allowed to attend school with children who do not have HIV.

**Sample:** Women age 15–49 who have heard of HIV or AIDS

Seventy-two percent of women who have heard of HIV or AIDS expressed discriminatory attitudes towards people living with HIV (**Table 12.3**). Sixty-six percent of women did not think that children living with HIV should be able to attend school with children who are HIV negative, an increase from 52% in 2017.

### Patterns by background characteristics

- The percentages of women with discriminatory attitudes toward people living with HIV are lowest in Dushanbe and GBAO (52% and 50%, respectively) and highest in Sughd and DRS (78% and 77%, respectively).
- Discriminatory attitudes decrease with increasing education. Eighty percent of women with no education or a primary education have discriminatory attitudes towards people living with HIV, as compared with 62% of women with a higher education (**Figure 12.3**).

## 12.4 MULTIPLE SEXUAL PARTNERS

Less than 1% of women had two or more sexual partners in the past 12 months. The mean lifetime number of sexual partners among women is 1.1 (**Table 12.4**).

## 12.5 COVERAGE OF HIV TESTING SERVICES

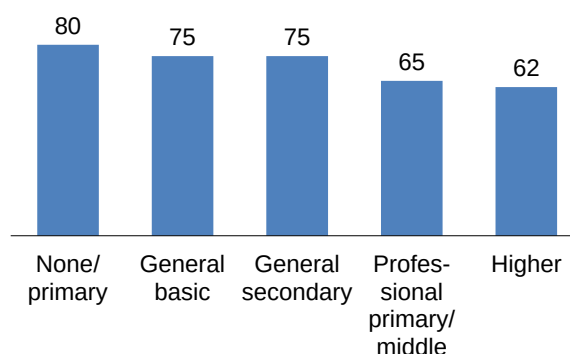
HIV testing programs diagnose people living with HIV so that they can be linked to care and access antiretroviral therapy (ART). Knowledge of HIV status helps HIV-negative individuals reduce their risk and remain negative.

### 12.5.1 HIV Testing of Pregnant Women

Sixty percent of women who gave birth in the 2 years preceding the survey had an HIV test during antenatal care (ANC) and received the test results (**Table 12.5**). Seventy percent of women were tested for HIV during either ANC or labor and received the results. A higher percentage of women in Dushanbe (85%) and GBAO (87%) than in Khatlon (68%) and DRS (57%) were tested for HIV during ANC or labor and received the results. The percentage of women who had an HIV test and received the results increases with both increasing education and increasing household wealth.

**Figure 12.3 Discriminatory attitudes towards people living with HIV by education**

*Percentage among women age 15–49 who have heard of HIV*



Note: Respondents have discriminatory attitudes if they do not think that children living with HIV should be able to attend school with children who are HIV negative or would not buy fresh vegetables from a shopkeeper who has HIV.



## 12.5.2 Experience with Prior HIV Testing

Forty-nine percent of women have ever been tested for HIV, and almost all of these women received their test results. Nineteen percent of women were tested for HIV in the 12 months preceding the survey and received the results of the most recent test (Table 12.6 and Figure 12.4). Eleven percent of women have been tested for HIV once in their life, 12% have been tested twice, and 27% have been tested three or more times (Table 12.7).

**Trends:** The percentage of women who have ever been tested for HIV and received the results increased from 13% in 2012 to 48% in 2023 (Figure 12.5).

### Patterns by background characteristics

- The percentage of women who have ever been tested for HIV and received results increases with increasing education, from 40% among those with no education or a primary education to 64% among those with a professional primary/middle education or a higher education (Figure 12.6).

**Figure 12.4 HIV testing**

Percentage of women age 15–49

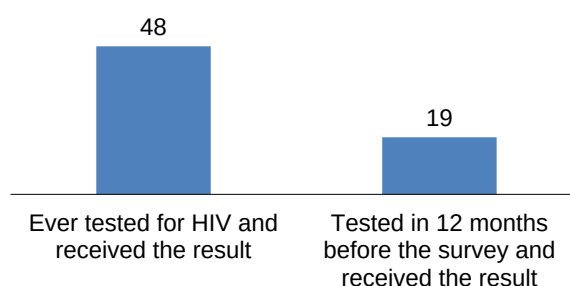


**Figure 12.5 Trends in HIV testing**

Percentage of women age 15–49 who have ever been tested for HIV and received the results

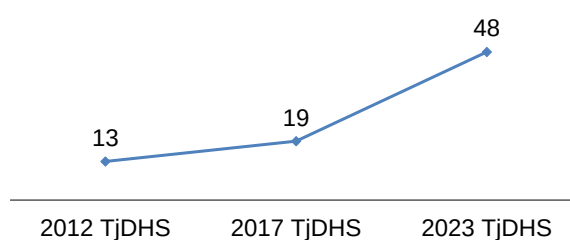
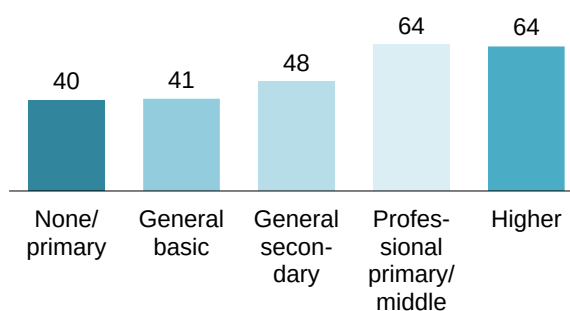


**Figure 12.6 HIV testing by education**

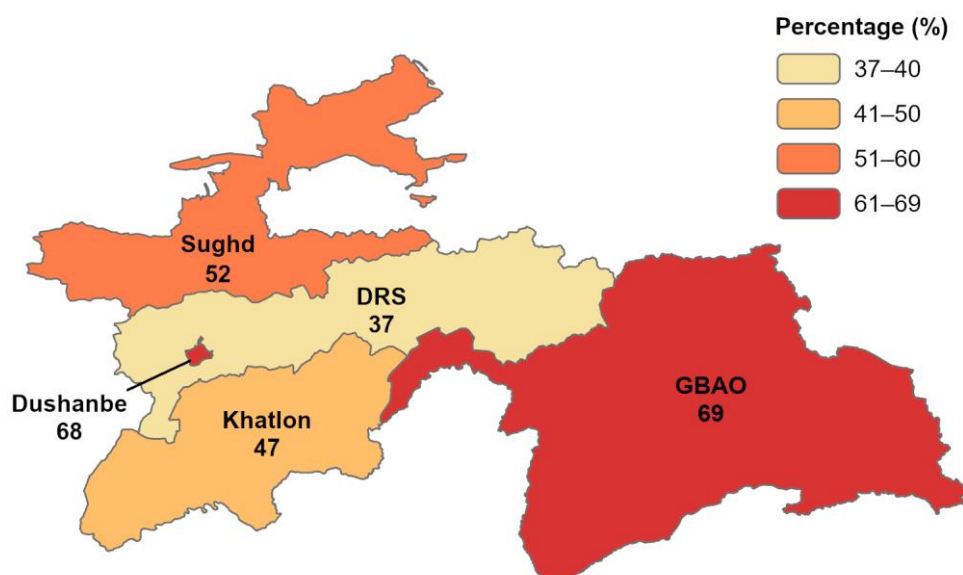
Percentage of women age 15–49 who have ever been tested for HIV and received results



- By region, the percentage of women who have ever been tested and received results is higher in GBAO (69%) and Dushanbe (68%) than in Sughd (52%), Khatlon (47%), and DRS (37%) (**Map 12.1**).

**Map 12.1 HIV testing among women by region**

*Percentage of women age 15–49 who have ever been tested for HIV and received the results*



- The percentage of women who have been tested for HIV in the past 12 months and received the results is higher among those age 20–24 (31%) than among those in the other age groups (**Table 12.6**).

### *Knowledge and Coverage of Self-testing*

Eighteen percent of women have ever heard of HIV self-test kits. However, only 6% of women have used an HIV self-test kit (**Table 12.8**). The percentage of women who have heard about and used HIV self-test kits is higher among those with a professional primary/middle education (31% and 11%, respectively) than among those in the other education groups. Knowledge of HIV self-test kits increases with increasing household wealth (from 13% in the lowest wealth quintile to 25% in the highest quintile), but personal use varies little according to wealth (5%–6%).

## **12.6 SELF-REPORTING OF SEXUALLY TRANSMITTED INFECTIONS**

### **Sexually transmitted infections (STIs) and symptoms**

Respondents who have ever had sex were asked whether they had an STI or symptoms of an STI (a bad-smelling, abnormal discharge from the vagina or a genital sore or ulcer) in the 12 months before the survey.

**Sample:** Women age 15–49 who have ever had sex

Eight percent of women who had ever had sexual intercourse reported having had a sexually transmitted infection (STI) and/or STI symptoms in the 12 months preceding the survey (**Table 12.9**). The percentage of women who reported having had an STI and/or symptoms of an STI is higher among those who have never been married (11%) than among those who are currently married (8%) or divorced, separated, or widowed (7%). The percentage of women who reported ever having had an STI and/or symptoms of an STI is much higher among those from GBAO (18%) than among those from other regions.

## 12.7 KNOWLEDGE AND BEHAVIOR RELATED TO HIV AND AIDS AMONG YOUNG WOMEN

This section addresses HIV-related knowledge among young women age 15–24 and also assesses the extent to which young women engage in behaviors that may place them at risk of acquiring HIV.

### 12.7.1 Knowledge about HIV Prevention

#### Knowledge about HIV prevention

Knowing that consistent use of condoms during sexual intercourse and having just one uninfected faithful partner can reduce the chances of getting HIV, knowing that a healthy-looking person can have HIV, and rejecting two major misconceptions about HIV transmission: HIV can be transmitted by mosquito bites and a person can become infected by sharing food with a person who has HIV.

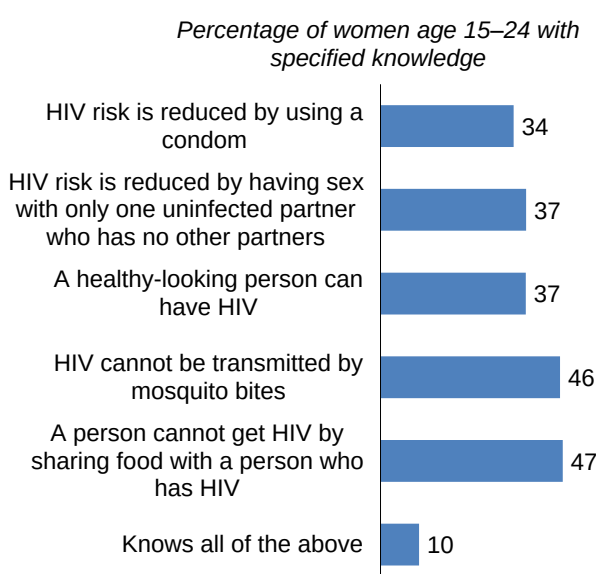
**Sample:** Women age 15–24

Knowledge of how HIV is transmitted is crucial in enabling people to avoid HIV infection, and this is especially true for young people, who are often at greater risk because they may have shorter relationships with more partners or engage in other risky behaviors. Only 10% of women age 15–24 are knowledgeable about HIV prevention (Table 12.10 and Figure 12.7).

#### Patterns by background characteristics

- Twelve percent of ever-married young women have knowledge about HIV prevention, as compared with 8% of never-married young women.
- A higher percentage of young women in Dushanbe (13%), Sughd (14%), and GBAO (17%) than in DRS (5%) and Khatlon (8%) have knowledge about HIV prevention.
- The percentage of young women who have knowledge about HIV prevention is higher among those with a professional primary/middle education (17%) than among those in the other education groups (7–14%).

**Figure 12.7 Knowledge about HIV prevention among young women**



### 12.7.2 First Sex

Young women who initiate sex at an early age are typically at higher risk of becoming pregnant or contracting an STI than young women who initiate sex later. Consistent condom use can reduce such risks. Less than 1% of women age 15–24 had sexual intercourse before age 15. A slightly higher percentage of young women (6%) had sexual intercourse before age 18 (Table 12.11).

## Patterns by background characteristics

- The percentage of young women who reported having sexual intercourse before age 18 increases from 9% among those with no education or a primary education to 13% among those with a general basic education and then decreases with increasing education.
- The percentage of young women who had sexual intercourse before age 18 is slightly higher in rural areas (6%) than in urban areas (4%).

### 12.7.3 Premarital Sex

Nearly all (more than 99%) never-married women age 15–24 have never had sexual intercourse (**Table 12.12**).

### 12.7.4 Multiple Sexual Partners

Less than 1% of women age 15–24 had two or more sexual partners in the past 12 months, and less than 1% had sex with a person who neither was their husband nor lived with them (**Table 12.13**).

### 12.7.5 Recent HIV Testing

Seeking an HIV test may be more difficult for young people than adults because many young people lack experience in accessing health services for themselves and because there are often barriers to young people obtaining services. Thirty-eight percent of women age 15–24 who had sex in the 12 months preceding the survey were tested for HIV in the past 12 months and received the results of the most recent test (**Table 12.14**).

**Trends:** The percentage of sexually active young women who were tested for HIV in the past 12 months and received the results of the most recent test increased from 10% in 2012 to 19% in 2017 and 38% in 2023.

## LIST OF TABLES

For more information on knowledge, attitudes, and behavior related to HIV and AIDS, see the following tables:

- **Table 12.1 Knowledge of HIV or AIDS**
- **Table 12.2 Knowledge of and attitudes about medicines to treat HIV or prevent HIV transmission**
- **Table 12.3 Discriminatory attitudes towards people living with HIV**
- **Table 12.4 Multiple sexual partners and higher-risk sexual intercourse in the past 12 months**
- **Table 12.5 Pregnant women tested for HIV**
- **Table 12.6 Coverage of prior HIV testing**
- **Table 12.7 Number of times tested for HIV in lifetime**
- **Table 12.8 Knowledge and coverage of self-testing for HIV**
- **Table 12.9 Self-reported prevalence of sexually transmitted infections (STIs) and STI symptoms**
- **Table 12.10 Knowledge about HIV prevention among young women**
- **Table 12.11 Age at first sexual intercourse among young women**
- **Table 12.12 Premarital sexual intercourse among young women**
- **Table 12.13 Multiple sexual partners and higher-risk sexual intercourse in the past 12 months among young women**
- **Table 12.14 Recent HIV tests among young women**

**Table 12.1 Knowledge of HIV or AIDS**

Percentage of women age 15–49 who have heard of HIV or AIDS, according to background characteristics, Tajikistan DHS 2023

| Background characteristic  | Has heard of HIV or AIDS | Number of women |
|----------------------------|--------------------------|-----------------|
| <b>Age</b>                 |                          |                 |
| 15–24                      | 73.8                     | 3,327           |
| 15–19                      | 66.8                     | 1,710           |
| 20–24                      | 81.1                     | 1,616           |
| 25–29                      | 80.2                     | 1,559           |
| 30–39                      | 79.5                     | 2,980           |
| 40–49                      | 78.5                     | 2,014           |
| <b>Marital status</b>      |                          |                 |
| Never married              | 66.9                     | 1,964           |
| Ever had sex               | 71.7                     | 50              |
| Never had sex              | 66.8                     | 1,914           |
| Married/living together    | 80.1                     | 7,392           |
| Divorced/separated/widowed | 80.1                     | 522             |
| <b>Residence</b>           |                          |                 |
| Urban                      | 86.9                     | 2,705           |
| Rural                      | 73.9                     | 7,174           |
| <b>Region</b>              |                          |                 |
| Dushanbe                   | 94.3                     | 1,077           |
| GBAO                       | 89.9                     | 157             |
| Sughd                      | 83.7                     | 2,780           |
| DRS                        | 62.1                     | 2,356           |
| Khatlon                    | 77.2                     | 3,509           |
| <b>FTF districts</b>       | 75.7                     | 1,937           |
| <b>Education</b>           |                          |                 |
| None/primary               | 65.0                     | 443             |
| General basic              | 72.2                     | 3,271           |
| General secondary          | 76.9                     | 4,230           |
| Professional               |                          |                 |
| primary/middle             | 89.6                     | 778             |
| Higher                     | 91.4                     | 1,157           |
| <b>Wealth quintile</b>     |                          |                 |
| Lowest                     | 65.5                     | 1,842           |
| Second                     | 74.7                     | 1,967           |
| Middle                     | 75.6                     | 1,966           |
| Fourth                     | 78.4                     | 1,964           |
| Highest                    | 91.2                     | 2,140           |
| Total                      | 77.5                     | 9,879           |

**Table 12.2 Knowledge of and attitudes about medicines to treat HIV or prevent HIV transmission**

Percentage of women age 15–49 who have heard of antiretroviral medicines (ARVs) that treat HIV, percentage who know that the risk of mother-to-child transmission (MTCT) of HIV can be reduced by the mother taking special drugs, and percentage who have heard of preexposure prophylaxis (PrEP), and among women age 15–49 who have heard of PrEP, percentage who approve of people who take PrEP to prevent getting HIV, according to background characteristics, Tajikistan DHS 2023

| Background characteristic      | Percentage who have heard of ARVs that treat HIV | Percentage who know that the risk of MTCT can be reduced by mother taking special drugs | Percentage who have heard of PrEP | Number of respondents | Percentage who approve of people who take PrEP to prevent getting HIV | Number of respondents who have heard of PrEP |
|--------------------------------|--------------------------------------------------|-----------------------------------------------------------------------------------------|-----------------------------------|-----------------------|-----------------------------------------------------------------------|----------------------------------------------|
| <b>Age</b>                     |                                                  |                                                                                         |                                   |                       |                                                                       |                                              |
| 15–24                          | 23.5                                             | 20.2                                                                                    | 20.6                              | 3,327                 | 56.5                                                                  | 685                                          |
| 15–19                          | 19.6                                             | 17.8                                                                                    | 17.5                              | 1,710                 | 52.4                                                                  | 299                                          |
| 20–24                          | 27.5                                             | 22.7                                                                                    | 23.8                              | 1,616                 | 59.7                                                                  | 385                                          |
| 25–29                          | 44.0                                             | 32.5                                                                                    | 32.0                              | 1,559                 | 53.1                                                                  | 499                                          |
| 30–39                          | 41.6                                             | 31.6                                                                                    | 28.9                              | 2,980                 | 56.1                                                                  | 862                                          |
| 40–49                          | 42.2                                             | 29.4                                                                                    | 30.6                              | 2,014                 | 56.0                                                                  | 616                                          |
| <b>Marital status</b>          |                                                  |                                                                                         |                                   |                       |                                                                       |                                              |
| Never married                  | 21.7                                             | 17.6                                                                                    | 18.0                              | 1,964                 | 52.9                                                                  | 355                                          |
| Ever had sex                   | 46.5                                             | 29.3                                                                                    | 36.4                              | 50                    | *                                                                     | 18                                           |
| Never had sex                  | 21.0                                             | 17.3                                                                                    | 17.6                              | 1,914                 | 52.9                                                                  | 336                                          |
| Married/living together        | 39.2                                             | 29.7                                                                                    | 28.8                              | 7,392                 | 56.9                                                                  | 2,128                                        |
| Divorced/separated/<br>widowed | 44.7                                             | 32.7                                                                                    | 34.3                              | 522                   | 45.3                                                                  | 179                                          |
| <b>Residence</b>               |                                                  |                                                                                         |                                   |                       |                                                                       |                                              |
| Urban                          | 43.6                                             | 31.2                                                                                    | 33.9                              | 2,705                 | 56.9                                                                  | 917                                          |
| Rural                          | 33.1                                             | 26.0                                                                                    | 24.3                              | 7,174                 | 55.0                                                                  | 1,744                                        |
| <b>Education</b>               |                                                  |                                                                                         |                                   |                       |                                                                       |                                              |
| None/primary                   | 29.7                                             | 19.6                                                                                    | 21.0                              | 443                   | 42.6                                                                  | 93                                           |
| General basic                  | 31.0                                             | 23.0                                                                                    | 21.4                              | 3,271                 | 51.4                                                                  | 702                                          |
| General secondary              | 33.1                                             | 25.9                                                                                    | 25.3                              | 4,230                 | 57.6                                                                  | 1,072                                        |
| Professional                   |                                                  |                                                                                         |                                   |                       |                                                                       |                                              |
| primary/middle                 | 51.1                                             | 39.8                                                                                    | 40.7                              | 778                   | 60.1                                                                  | 317                                          |
| Higher                         | 52.8                                             | 40.2                                                                                    | 41.3                              | 1,157                 | 57.0                                                                  | 478                                          |
| Total                          | 36.0                                             | 27.4                                                                                    | 26.9                              | 9,879                 | 55.6                                                                  | 2,662                                        |

Note: An asterisk indicates that a figure is based on fewer than 25 unweighted cases and has been suppressed.

**Table 12.3 Discriminatory attitudes towards people living with HIV**

Among women age 15–49 who have heard of HIV or AIDS, percentage who do not think that children living with HIV should be able to attend school with children who are HIV negative, percentage who would not buy fresh vegetables from a shopkeeper who has HIV, and percentage with discriminatory attitudes towards people living with HIV, according to background characteristics, Tajikistan DHS 2023

| Background characteristic      | Percentage who do not think that children living with HIV should be able to attend school with children who are HIV negative | Percentage who would not buy fresh vegetables from a shopkeeper who has HIV | Percentage with discriminatory attitudes towards people living with HIV <sup>1</sup> | Number of women who have heard of HIV or AIDS |
|--------------------------------|------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------|--------------------------------------------------------------------------------------|-----------------------------------------------|
| <b>Age</b>                     |                                                                                                                              |                                                                             |                                                                                      |                                               |
| 15–24                          | 66.3                                                                                                                         | 70.7                                                                        | 73.4                                                                                 | 2,454                                         |
| 15–19                          | 65.6                                                                                                                         | 70.9                                                                        | 73.5                                                                                 | 1,142                                         |
| 20–24                          | 67.0                                                                                                                         | 70.6                                                                        | 73.3                                                                                 | 1,311                                         |
| 25–29                          | 63.7                                                                                                                         | 66.4                                                                        | 70.0                                                                                 | 1,250                                         |
| 30–39                          | 67.4                                                                                                                         | 68.8                                                                        | 72.6                                                                                 | 2,369                                         |
| 40–49                          | 65.8                                                                                                                         | 69.1                                                                        | 72.4                                                                                 | 1,581                                         |
| <b>Marital status</b>          |                                                                                                                              |                                                                             |                                                                                      |                                               |
| Never married                  | 63.0                                                                                                                         | 68.3                                                                        | 71.1                                                                                 | 1,315                                         |
| Ever had sex                   | (46.0)                                                                                                                       | (55.6)                                                                      | (64.0)                                                                               | 36                                            |
| Never had sex                  | 63.5                                                                                                                         | 68.7                                                                        | 71.3                                                                                 | 1,279                                         |
| Married/living together        | 66.8                                                                                                                         | 69.4                                                                        | 72.8                                                                                 | 5,921                                         |
| Divorced/separated/<br>widowed | 66.0                                                                                                                         | 67.3                                                                        | 69.8                                                                                 | 418                                           |
| <b>Residence</b>               |                                                                                                                              |                                                                             |                                                                                      |                                               |
| Urban                          | 56.9                                                                                                                         | 61.0                                                                        | 64.7                                                                                 | 2,352                                         |
| Rural                          | 70.2                                                                                                                         | 72.7                                                                        | 75.8                                                                                 | 5,302                                         |
| <b>Region</b>                  |                                                                                                                              |                                                                             |                                                                                      |                                               |
| Dushanbe                       | 44.1                                                                                                                         | 47.9                                                                        | 52.1                                                                                 | 1,016                                         |
| GBAO                           | 43.3                                                                                                                         | 46.6                                                                        | 49.9                                                                                 | 141                                           |
| Sughd                          | 70.2                                                                                                                         | 74.8                                                                        | 78.1                                                                                 | 2,326                                         |
| DRS                            | 72.9                                                                                                                         | 74.0                                                                        | 77.1                                                                                 | 1,463                                         |
| Khatlon                        | 68.3                                                                                                                         | 70.6                                                                        | 73.6                                                                                 | 2,707                                         |
| <b>FTF districts</b>           | 69.7                                                                                                                         | 74.0                                                                        | 76.0                                                                                 | 1,466                                         |
| <b>Education</b>               |                                                                                                                              |                                                                             |                                                                                      |                                               |
| None/primary                   | 74.9                                                                                                                         | 77.7                                                                        | 79.6                                                                                 | 288                                           |
| General basic                  | 68.1                                                                                                                         | 71.1                                                                        | 74.9                                                                                 | 2,361                                         |
| General secondary              | 69.2                                                                                                                         | 72.1                                                                        | 74.9                                                                                 | 3,251                                         |
| Professional                   |                                                                                                                              |                                                                             |                                                                                      |                                               |
| primary/middle                 | 58.4                                                                                                                         | 62.3                                                                        | 64.6                                                                                 | 696                                           |
| Higher                         | 54.8                                                                                                                         | 57.4                                                                        | 62.0                                                                                 | 1,057                                         |
| <b>Wealth quintile</b>         |                                                                                                                              |                                                                             |                                                                                      |                                               |
| Lowest                         | 73.5                                                                                                                         | 73.6                                                                        | 77.3                                                                                 | 1,207                                         |
| Second                         | 69.4                                                                                                                         | 72.7                                                                        | 75.3                                                                                 | 1,468                                         |
| Middle                         | 72.6                                                                                                                         | 74.7                                                                        | 78.1                                                                                 | 1,486                                         |
| Fourth                         | 65.9                                                                                                                         | 69.7                                                                        | 72.3                                                                                 | 1,540                                         |
| Highest                        | 54.4                                                                                                                         | 58.8                                                                        | 62.9                                                                                 | 1,952                                         |
| Total                          | 66.1                                                                                                                         | 69.1                                                                        | 72.4                                                                                 | 7,654                                         |

Note: Figures in parentheses are based on 25–49 unweighted cases.

<sup>1</sup> Percentage who do not think that children living with HIV should be able to attend school with children who are HIV negative and/or would not buy fresh vegetables from a shopkeeper who has HIV

**Table 12.4 Multiple sexual partners and higher-risk sexual intercourse in the past 12 months**

Among all women age 15–49, percentage who had sexual intercourse with more than one sexual partner in the past 12 months and percentage who had intercourse in the past 12 months with a person who neither was their husband nor lived with them; among women having more than one partner in the past 12 months, percentage reporting that a condom was used during most recent intercourse; among women who had sexual intercourse in the past 12 months with a person who neither was their husband nor lived with them, percentage who used a condom during most recent sexual intercourse with such a partner; and among women who ever had sexual intercourse, mean number of sexual partners during their lifetime, according to background characteristics, Tajikistan DHS 2023

| Background characteristic  | All women                                                                                                            |                             |                 | Women who had 2+ partners in the past 12 months                              |                 | Women who had intercourse in the past 12 months with a person who neither was their husband nor lived with them |                 | Women who ever had sexual intercourse <sup>1</sup> |                 |
|----------------------------|----------------------------------------------------------------------------------------------------------------------|-----------------------------|-----------------|------------------------------------------------------------------------------|-----------------|-----------------------------------------------------------------------------------------------------------------|-----------------|----------------------------------------------------|-----------------|
|                            | Percentage who had intercourse in the past 12 months with a person who neither was their husband nor lived with them |                             | Number of women | Percentage who reported using a condom during most recent sexual intercourse | Number of women | Percentage who reported using a condom during most recent sexual intercourse with such a partner                | Number of women | Mean number of sexual partners in lifetime         | Number of women |
|                            | Percentage who had 2+ partners in the past 12 months                                                                 | husband nor lived with them |                 |                                                                              |                 |                                                                                                                 |                 |                                                    |                 |
| <b>Age</b>                 |                                                                                                                      |                             |                 |                                                                              |                 |                                                                                                                 |                 |                                                    |                 |
| 15–24                      | 0.2                                                                                                                  | 0.1                         | 3,327           | *                                                                            | 6               | *                                                                                                               | 3               | 1.0                                                | 1,551           |
| 15–19                      | 0.0                                                                                                                  | 0.0                         | 1,710           | *                                                                            | 0               | *                                                                                                               | 1               | 1.0                                                | 223             |
| 20–24                      | 0.4                                                                                                                  | 0.1                         | 1,616           | *                                                                            | 6               | *                                                                                                               | 2               | 1.1                                                | 1,328           |
| 25–29                      | 0.4                                                                                                                  | 0.1                         | 1,559           | *                                                                            | 6               | *                                                                                                               | 2               | 1.0                                                | 1,504           |
| 30–39                      | 0.3                                                                                                                  | 0.1                         | 2,980           | *                                                                            | 9               | *                                                                                                               | 3               | 1.1                                                | 2,923           |
| 40–49                      | 0.4                                                                                                                  | 0.3                         | 2,014           | *                                                                            | 9               | *                                                                                                               | 7               | 1.1                                                | 1,980           |
| <b>Marital status</b>      |                                                                                                                      |                             |                 |                                                                              |                 |                                                                                                                 |                 |                                                    |                 |
| Never married              | 0.0                                                                                                                  | 0.1                         | 1,964           | *                                                                            | 0               | *                                                                                                               | 2               | 1.2                                                | 49              |
| Married/living together    | 0.4                                                                                                                  | 0.1                         | 7,392           | (9.9)                                                                        | 29              | *                                                                                                               | 5               | 1.1                                                | 7,390           |
| Divorced/separated/widowed | 0.1                                                                                                                  | 1.3                         | 522             | *                                                                            | 1               | *                                                                                                               | 7               | 1.1                                                | 520             |
| <b>Residence</b>           |                                                                                                                      |                             |                 |                                                                              |                 |                                                                                                                 |                 |                                                    |                 |
| Urban                      | 0.5                                                                                                                  | 0.4                         | 2,705           | *                                                                            | 13              | *                                                                                                               | 11              | 1.1                                                | 2,088           |
| Rural                      | 0.2                                                                                                                  | 0.1                         | 7,174           | *                                                                            | 17              | *                                                                                                               | 4               | 1.1                                                | 5,871           |
| <b>Region</b>              |                                                                                                                      |                             |                 |                                                                              |                 |                                                                                                                 |                 |                                                    |                 |
| Dushanbe                   | 0.5                                                                                                                  | 0.4                         | 1,077           | *                                                                            | 5               | *                                                                                                               | 5               | 1.1                                                | 795             |
| GBAO                       | 0.4                                                                                                                  | 1.2                         | 157             | *                                                                            | 1               | *                                                                                                               | 2               | 1.1                                                | 117             |
| Sughd                      | 0.2                                                                                                                  | 0.1                         | 2,780           | *                                                                            | 6               | *                                                                                                               | 2               | 1.1                                                | 2,284           |
| DRS                        | 0.3                                                                                                                  | 0.1                         | 2,356           | *                                                                            | 7               | *                                                                                                               | 2               | 1.1                                                | 1,918           |
| Khatlon                    | 0.3                                                                                                                  | 0.1                         | 3,509           | *                                                                            | 11              | *                                                                                                               | 4               | 1.0                                                | 2,846           |
| <b>FTF districts</b>       | 0.2                                                                                                                  | 0.0                         | 1,937           | *                                                                            | 4               | *                                                                                                               | 1               | 1.0                                                | 1,580           |
| <b>Education</b>           |                                                                                                                      |                             |                 |                                                                              |                 |                                                                                                                 |                 |                                                    |                 |
| None/primary               | 0.4                                                                                                                  | 0.0                         | 443             | *                                                                            | 2               | *                                                                                                               | 0               | 1.1                                                | 391             |
| General basic              | 0.4                                                                                                                  | 0.0                         | 3,271           | *                                                                            | 12              | *                                                                                                               | 1               | 1.1                                                | 2,455           |
| General secondary          | 0.2                                                                                                                  | 0.1                         | 4,230           | *                                                                            | 9               | *                                                                                                               | 6               | 1.0                                                | 3,596           |
| Professional               |                                                                                                                      |                             |                 |                                                                              |                 |                                                                                                                 |                 |                                                    |                 |
| primary/middle             | 0.2                                                                                                                  | 0.3                         | 778             | *                                                                            | 2               | *                                                                                                               | 2               | 1.0                                                | 602             |
| Higher                     | 0.4                                                                                                                  | 0.4                         | 1,157           | *                                                                            | 5               | *                                                                                                               | 5               | 1.1                                                | 915             |
| <b>Wealth quintile</b>     |                                                                                                                      |                             |                 |                                                                              |                 |                                                                                                                 |                 |                                                    |                 |
| Lowest                     | 0.2                                                                                                                  | 0.1                         | 1,842           | *                                                                            | 3               | *                                                                                                               | 2               | 1.1                                                | 1,516           |
| Second                     | 0.3                                                                                                                  | 0.0                         | 1,967           | *                                                                            | 6               | *                                                                                                               | 0               | 1.1                                                | 1,553           |
| Middle                     | 0.2                                                                                                                  | 0.1                         | 1,966           | *                                                                            | 5               | *                                                                                                               | 2               | 1.1                                                | 1,605           |
| Fourth                     | 0.2                                                                                                                  | 0.0                         | 1,964           | *                                                                            | 4               | *                                                                                                               | 0               | 1.0                                                | 1,647           |
| Highest                    | 0.5                                                                                                                  | 0.5                         | 2,140           | *                                                                            | 12              | *                                                                                                               | 10              | 1.1                                                | 1,638           |
| <b>Total</b>               | 0.3                                                                                                                  | 0.1                         | 9,879           | (10.1)                                                                       | 29              | (25.7)                                                                                                          | 15              | 1.1                                                | 7,959           |

Note: Figures in parentheses are based on 25–49 unweighted cases. An asterisk indicates that a figure is based on fewer than 25 unweighted cases and has been suppressed.

<sup>1</sup> Means are calculated excluding respondents who gave non-numeric responses.



**Table 12.5 Pregnant women tested for HIV**

Among all women age 15–49 who gave birth in the 2 years preceding the survey, percentage who received an HIV test during antenatal care (ANC) for their most recent birth by whether they received their results and percentage who received an HIV test during ANC or labor for their most recent birth by whether they received their results, according to background characteristics, Tajikistan DHS 2023

| Background characteristic  | Percentage who were tested for HIV during ANC and who: |                         | Percentage who had an HIV test during ANC or labor and who: <sup>1</sup> |                         | Number of women who gave birth in the past 2 years <sup>2</sup> |
|----------------------------|--------------------------------------------------------|-------------------------|--------------------------------------------------------------------------|-------------------------|-----------------------------------------------------------------|
|                            | Received results                                       | Did not receive results | Received results                                                         | Did not receive results |                                                                 |
| <b>Age</b>                 |                                                        |                         |                                                                          |                         |                                                                 |
| 15–24                      | 60.9                                                   | 1.4                     | 71.0                                                                     | 0.7                     | 822                                                             |
| 15–19                      | (70.9)                                                 | (0.0)                   | (81.2)                                                                   | (0.0)                   | 44                                                              |
| 20–24                      | 60.3                                                   | 1.4                     | 70.4                                                                     | 0.8                     | 778                                                             |
| 25–29                      | 57.3                                                   | 1.3                     | 67.0                                                                     | 0.9                     | 642                                                             |
| 30–39                      | 62.0                                                   | 1.3                     | 70.8                                                                     | 1.4                     | 559                                                             |
| 40–49                      | (59.2)                                                 | (0.0)                   | (70.9)                                                                   | (0.0)                   | 43                                                              |
| <b>Marital status</b>      |                                                        |                         |                                                                          |                         |                                                                 |
| Never married              | *                                                      | *                       | *                                                                        | *                       | 3                                                               |
| Married/living together    | 60.0                                                   | 1.3                     | 69.7                                                                     | 0.9                     | 2,026                                                           |
| Divorced/separated/widowed | (58.8)                                                 | (1.9)                   | (64.4)                                                                   | (1.9)                   | 37                                                              |
| <b>Residence</b>           |                                                        |                         |                                                                          |                         |                                                                 |
| Urban                      | 68.9                                                   | 2.0                     | 78.6                                                                     | 1.3                     | 536                                                             |
| Rural                      | 57.0                                                   | 1.0                     | 66.5                                                                     | 0.8                     | 1,530                                                           |
| <b>Region</b>              |                                                        |                         |                                                                          |                         |                                                                 |
| Dushanbe                   | 77.4                                                   | 2.5                     | 84.5                                                                     | 0.8                     | 208                                                             |
| GBAO                       | 77.1                                                   | 0.0                     | 87.2                                                                     | 0.0                     | 25                                                              |
| Sughd                      | 69.2                                                   | 0.4                     | 76.7                                                                     | 0.0                     | 576                                                             |
| DRS                        | 52.4                                                   | 0.9                     | 57.0                                                                     | 0.9                     | 472                                                             |
| Khatlon                    | 52.8                                                   | 2.0                     | 67.7                                                                     | 1.7                     | 785                                                             |
| <b>FTF districts</b>       | 56.4                                                   | 2.6                     | 65.4                                                                     | 1.9                     | 471                                                             |
| <b>Education</b>           |                                                        |                         |                                                                          |                         |                                                                 |
| None/primary               | 43.2                                                   | 0.7                     | 48.7                                                                     | 0.7                     | 103                                                             |
| General basic              | 56.3                                                   | 1.0                     | 63.2                                                                     | 0.9                     | 545                                                             |
| General secondary          | 58.7                                                   | 1.7                     | 69.3                                                                     | 1.1                     | 934                                                             |
| Professional               |                                                        |                         |                                                                          |                         |                                                                 |
| primary/middle             | 69.8                                                   | 1.5                     | 80.8                                                                     | 1.3                     | 217                                                             |
| Higher                     | 71.0                                                   | 0.4                     | 83.2                                                                     | 0.3                     | 266                                                             |
| <b>Wealth quintile</b>     |                                                        |                         |                                                                          |                         |                                                                 |
| Lowest                     | 42.7                                                   | 0.4                     | 53.8                                                                     | 0.8                     | 389                                                             |
| Second                     | 57.1                                                   | 1.8                     | 66.7                                                                     | 1.8                     | 410                                                             |
| Middle                     | 61.7                                                   | 1.9                     | 72.1                                                                     | 0.9                     | 419                                                             |
| Fourth                     | 63.4                                                   | 0.4                     | 72.3                                                                     | 0.4                     | 434                                                             |
| Highest                    | 74.1                                                   | 2.0                     | 82.4                                                                     | 0.9                     | 414                                                             |
| <b>Total</b>               | 60.1                                                   | 1.3                     | 69.7                                                                     | 0.9                     | 2,066                                                           |

Note: Figures in parentheses are based on 25–49 unweighted cases. An asterisk indicates that a figure is based on fewer than 25 unweighted cases and has been suppressed.

<sup>1</sup> Women were asked whether they received an HIV test during labor only if they gave birth in a health facility.

<sup>2</sup> Denominator for percentages includes women who did not receive antenatal care for their most recent birth in the past 2 years.

**Table 12.6 Coverage of prior HIV testing**

Percent distribution of women age 15–49 by HIV testing status and by whether they received the results of the most recent test, percentage of women ever tested, and percentage of women who were tested in the past 12 months and received the results of the most recent test, according to background characteristics, Tajikistan DHS 2023

| Background characteristic  | Percent distribution of women by testing status and by whether they received the results of the most recent test |                                      |                           | Total | Percent-age ever tested | Percent-age who have been tested for HIV in the past 12 months and received the results of the most recent test | Number of women |
|----------------------------|------------------------------------------------------------------------------------------------------------------|--------------------------------------|---------------------------|-------|-------------------------|-----------------------------------------------------------------------------------------------------------------|-----------------|
|                            | Ever tested and received results                                                                                 | Ever tested, did not receive results | Never tested <sup>1</sup> |       |                         |                                                                                                                 |                 |
| <b>Age</b>                 |                                                                                                                  |                                      |                           |       |                         |                                                                                                                 |                 |
| 15–24                      | 35.9                                                                                                             | 0.6                                  | 63.5                      | 100.0 | 36.5                    | 21.0                                                                                                            | 3,327           |
| 15–19                      | 16.3                                                                                                             | 0.1                                  | 83.7                      | 100.0 | 16.3                    | 11.8                                                                                                            | 1,710           |
| 20–24                      | 56.6                                                                                                             | 1.1                                  | 42.2                      | 100.0 | 57.8                    | 30.8                                                                                                            | 1,616           |
| 25–29                      | 63.4                                                                                                             | 1.3                                  | 35.4                      | 100.0 | 64.6                    | 24.2                                                                                                            | 1,559           |
| 30–39                      | 56.9                                                                                                             | 0.8                                  | 42.4                      | 100.0 | 57.6                    | 16.9                                                                                                            | 2,980           |
| 40–49                      | 44.9                                                                                                             | 0.5                                  | 54.6                      | 100.0 | 45.4                    | 13.4                                                                                                            | 2,014           |
| <b>Marital status</b>      |                                                                                                                  |                                      |                           |       |                         |                                                                                                                 |                 |
| Never married              | 13.9                                                                                                             | 0.1                                  | 86.0                      | 100.0 | 14.0                    | 7.7                                                                                                             | 1,964           |
| Ever had sex               | 27.9                                                                                                             | 0.0                                  | 72.1                      | 100.0 | 27.9                    | 4.0                                                                                                             | 50              |
| Never had sex              | 13.6                                                                                                             | 0.1                                  | 86.3                      | 100.0 | 13.7                    | 7.8                                                                                                             | 1,914           |
| Married/living together    | 57.7                                                                                                             | 0.9                                  | 41.3                      | 100.0 | 58.7                    | 22.0                                                                                                            | 7,392           |
| Divorced/separated/widowed | 45.7                                                                                                             | 0.4                                  | 53.9                      | 100.0 | 46.1                    | 14.4                                                                                                            | 522             |
| <b>Residence</b>           |                                                                                                                  |                                      |                           |       |                         |                                                                                                                 |                 |
| Urban                      | 57.5                                                                                                             | 0.9                                  | 41.6                      | 100.0 | 58.4                    | 23.3                                                                                                            | 2,705           |
| Rural                      | 44.9                                                                                                             | 0.7                                  | 54.4                      | 100.0 | 45.6                    | 17.0                                                                                                            | 7,174           |
| <b>Region</b>              |                                                                                                                  |                                      |                           |       |                         |                                                                                                                 |                 |
| Dushanbe                   | 68.1                                                                                                             | 1.0                                  | 30.9                      | 100.0 | 69.1                    | 25.8                                                                                                            | 1,077           |
| GBAO                       | 68.6                                                                                                             | 0.1                                  | 31.2                      | 100.0 | 68.8                    | 36.6                                                                                                            | 157             |
| Sughd                      | 51.8                                                                                                             | 0.2                                  | 48.0                      | 100.0 | 52.0                    | 21.3                                                                                                            | 2,780           |
| DRS                        | 36.6                                                                                                             | 0.7                                  | 62.7                      | 100.0 | 37.3                    | 14.7                                                                                                            | 2,356           |
| Khatlon                    | 46.7                                                                                                             | 1.1                                  | 52.2                      | 100.0 | 47.8                    | 16.4                                                                                                            | 3,509           |
| <b>FTF districts</b>       | 43.5                                                                                                             | 1.4                                  | 55.1                      | 100.0 | 44.9                    | 12.4                                                                                                            | 1,937           |
| <b>Education</b>           |                                                                                                                  |                                      |                           |       |                         |                                                                                                                 |                 |
| None/primary               | 40.0                                                                                                             | 0.4                                  | 59.6                      | 100.0 | 40.4                    | 13.2                                                                                                            | 443             |
| General basic              | 40.6                                                                                                             | 0.6                                  | 58.8                      | 100.0 | 41.2                    | 13.0                                                                                                            | 3,271           |
| General secondary          | 48.1                                                                                                             | 0.8                                  | 51.1                      | 100.0 | 48.9                    | 18.3                                                                                                            | 4,230           |
| Professional               |                                                                                                                  |                                      |                           |       |                         |                                                                                                                 |                 |
| primary/middle             | 64.4                                                                                                             | 0.8                                  | 34.8                      | 100.0 | 65.2                    | 34.7                                                                                                            | 778             |
| Higher                     | 63.7                                                                                                             | 1.0                                  | 35.3                      | 100.0 | 64.7                    | 28.0                                                                                                            | 1,157           |
| <b>Wealth quintile</b>     |                                                                                                                  |                                      |                           |       |                         |                                                                                                                 |                 |
| Lowest                     | 36.2                                                                                                             | 0.4                                  | 63.4                      | 100.0 | 36.6                    | 12.3                                                                                                            | 1,842           |
| Second                     | 43.4                                                                                                             | 1.0                                  | 55.5                      | 100.0 | 44.5                    | 16.6                                                                                                            | 1,967           |
| Middle                     | 47.6                                                                                                             | 0.5                                  | 51.9                      | 100.0 | 48.1                    | 18.4                                                                                                            | 1,966           |
| Fourth                     | 50.6                                                                                                             | 0.8                                  | 48.6                      | 100.0 | 51.4                    | 20.4                                                                                                            | 1,964           |
| Highest                    | 62.2                                                                                                             | 0.9                                  | 36.9                      | 100.0 | 63.1                    | 25.1                                                                                                            | 2,140           |
| <b>Total</b>               | 48.4                                                                                                             | 0.7                                  | 50.9                      | 100.0 | 49.1                    | 18.7                                                                                                            | 9,879           |

<sup>1</sup> Includes respondents who have not heard of HIV or who refused to answer questions on testing

**Table 12.7 Number of times tested for HIV in lifetime**

Percent distribution of women age 15–49 by number of times they have been tested for HIV in their lifetime, according to age, Tajikistan DHS 2023

| Age          | Number of times tested for HIV in lifetime |      |      |      |      |       |     | Never tested | Total | Number of respondents |
|--------------|--------------------------------------------|------|------|------|------|-------|-----|--------------|-------|-----------------------|
|              | 1                                          | 2    | 3    | 4    | 5–9  | 10–19 | 20+ |              |       |                       |
| 15–24        | 14.1                                       | 11.9 | 4.8  | 3.0  | 2.6  | 0.1   | 0.0 | 63.5         | 100.0 | 3,327                 |
| 15–19        | 10.7                                       | 4.2  | 1.0  | 0.3  | 0.1  | 0.0   | 0.0 | 83.7         | 100.0 | 1,710                 |
| 20–24        | 17.7                                       | 20.1 | 8.9  | 5.8  | 5.2  | 0.1   | 0.0 | 42.2         | 100.0 | 1,616                 |
| 25–29        | 10.4                                       | 16.6 | 15.9 | 11.4 | 9.6  | 0.7   | 0.0 | 35.4         | 100.0 | 1,559                 |
| 30–39        | 10.1                                       | 10.1 | 10.1 | 11.9 | 14.2 | 1.1   | 0.2 | 42.4         | 100.0 | 2,980                 |
| 40–49        | 7.0                                        | 9.7  | 8.8  | 7.7  | 11.0 | 1.0   | 0.3 | 54.6         | 100.0 | 2,014                 |
| <b>Total</b> | 10.9                                       | 11.7 | 9.0  | 7.9  | 8.9  | 0.7   | 0.1 | 50.9         | 100.0 | 9,879                 |

**Table 12.8 Knowledge and coverage of self-testing for HIV**

Percentage of women age 15–49 who have ever heard of HIV self-test kits, and percentage who have ever used an HIV self-test kit, according to background characteristics, Tajikistan DHS 2023

| Background characteristic | Ever heard of HIV self-test kits | Ever used an HIV self-test kit | Number of women |
|---------------------------|----------------------------------|--------------------------------|-----------------|
| <b>Age</b>                |                                  |                                |                 |
| 15–19                     | 9.5                              | 1.8                            | 1,710           |
| 20–24                     | 16.6                             | 6.3                            | 1,616           |
| 25–29                     | 19.5                             | 7.2                            | 1,559           |
| 30–34                     | 20.6                             | 6.2                            | 1,545           |
| 35–39                     | 19.5                             | 7.7                            | 1,435           |
| 40–44                     | 20.9                             | 4.6                            | 1,096           |
| 45–49                     | 19.0                             | 5.4                            | 917             |
| <b>Residence</b>          |                                  |                                |                 |
| Urban                     | 23.0                             | 6.0                            | 2,705           |
| Rural                     | 15.5                             | 5.4                            | 7,174           |
| <b>Education</b>          |                                  |                                |                 |
| None/primary              | 12.7                             | 5.3                            | 443             |
| General basic             | 14.2                             | 3.8                            | 3,271           |
| General secondary         | 15.8                             | 5.4                            | 4,230           |
| Professional              |                                  |                                |                 |
| primary/middle            | 30.6                             | 10.5                           | 778             |
| Higher                    | 26.7                             | 8.0                            | 1,157           |
| <b>Wealth quintile</b>    |                                  |                                |                 |
| Lowest                    | 12.5                             | 5.9                            | 1,842           |
| Second                    | 14.9                             | 6.0                            | 1,967           |
| Middle                    | 15.4                             | 5.2                            | 1,966           |
| Fourth                    | 19.1                             | 4.7                            | 1,964           |
| Highest                   | 25.1                             | 6.1                            | 2,140           |
| Total                     | 17.6                             | 5.6                            | 9,879           |

**Table 12.9 Self-reported prevalence of sexually transmitted infections (STIs) and STI symptoms**

Among women age 15–49 who ever had sexual intercourse, percentage reporting having an STI and/or symptoms of an STI in the past 12 months, according to background characteristics, Tajikistan DHS 2023

| Background characteristic  | Percentage of women who reported having in the past 12 months: |                                         |                       |                                     | Number of women who ever had sexual intercourse |
|----------------------------|----------------------------------------------------------------|-----------------------------------------|-----------------------|-------------------------------------|-------------------------------------------------|
|                            | STI                                                            | Bad-smelling/abnormal genital discharge | Genital sore or ulcer | STI/genital discharge/sore or ulcer |                                                 |
| <b>Age</b>                 |                                                                |                                         |                       |                                     |                                                 |
| 15–24                      | 1.5                                                            | 4.3                                     | 1.6                   | 5.7                                 | 1,552                                           |
| 15–19                      | 4.4                                                            | 6.2                                     | 3.2                   | 7.3                                 | 224                                             |
| 20–24                      | 1.0                                                            | 4.0                                     | 1.4                   | 5.4                                 | 1,328                                           |
| 25–29                      | 1.3                                                            | 6.3                                     | 3.1                   | 8.2                                 | 1,505                                           |
| 30–39                      | 1.1                                                            | 7.1                                     | 2.3                   | 8.4                                 | 2,924                                           |
| 40–49                      | 1.4                                                            | 6.6                                     | 3.6                   | 8.7                                 | 1,982                                           |
| <b>Marital status</b>      |                                                                |                                         |                       |                                     |                                                 |
| Never married              | 0.0                                                            | 4.9                                     | 6.7                   | 11.3                                | 50                                              |
| Married/living together    | 1.3                                                            | 6.3                                     | 2.7                   | 8.0                                 | 7,392                                           |
| Divorced/separated/widowed | 1.5                                                            | 5.6                                     | 2.0                   | 6.6                                 | 521                                             |
| <b>Residence</b>           |                                                                |                                         |                       |                                     |                                                 |
| Urban                      | 1.6                                                            | 4.7                                     | 2.4                   | 6.8                                 | 2,093                                           |
| Rural                      | 1.2                                                            | 6.8                                     | 2.7                   | 8.3                                 | 5,871                                           |
| <b>Region</b>              |                                                                |                                         |                       |                                     |                                                 |
| Dushanbe                   | 2.0                                                            | 3.2                                     | 2.8                   | 6.5                                 | 795                                             |
| GBAO                       | 1.1                                                            | 15.1                                    | 7.0                   | 17.8                                | 117                                             |
| Sughd                      | 1.3                                                            | 6.1                                     | 2.5                   | 7.5                                 | 2,284                                           |
| DRS                        | 0.9                                                            | 5.0                                     | 1.9                   | 6.3                                 | 1,922                                           |
| Khatlon                    | 1.4                                                            | 7.8                                     | 3.0                   | 9.3                                 | 2,846                                           |
| <b>FTF districts</b>       | 1.9                                                            | 11.5                                    | 4.6                   | 13.3                                | 1,580                                           |
| <b>Education</b>           |                                                                |                                         |                       |                                     |                                                 |
| None/primary               | 1.5                                                            | 7.7                                     | 2.3                   | 9.3                                 | 391                                             |
| General basic              | 1.6                                                            | 7.8                                     | 3.2                   | 9.6                                 | 2,458                                           |
| General secondary          | 1.1                                                            | 5.9                                     | 2.4                   | 7.4                                 | 3,597                                           |
| Professional               |                                                                |                                         |                       |                                     |                                                 |
| primary/middle             | 0.8                                                            | 4.2                                     | 1.4                   | 4.9                                 | 603                                             |
| Higher                     | 1.8                                                            | 4.4                                     | 3.0                   | 6.8                                 | 915                                             |
| <b>Wealth quintile</b>     |                                                                |                                         |                       |                                     |                                                 |
| Lowest                     | 0.7                                                            | 6.3                                     | 2.3                   | 7.3                                 | 1,516                                           |
| Second                     | 1.2                                                            | 8.1                                     | 2.3                   | 9.7                                 | 1,553                                           |
| Middle                     | 1.2                                                            | 6.8                                     | 2.9                   | 8.6                                 | 1,605                                           |
| Fourth                     | 1.8                                                            | 5.6                                     | 3.0                   | 7.1                                 | 1,647                                           |
| Highest                    | 1.6                                                            | 4.8                                     | 2.6                   | 6.9                                 | 1,644                                           |
| <b>Total</b>               | 1.3                                                            | 6.3                                     | 2.6                   | 7.9                                 | 7,964                                           |

**Table 12.10 Knowledge about HIV prevention among young women**

Percentages of young women age 15–24 who, in response to prompted questions, say that people can reduce their risk of getting HIV by using condoms every time they have sexual intercourse and by having one sex partner who is not infected and has no other partners, that a healthy-looking person can have HIV, that HIV cannot be transmitted by mosquito bites, and that a person cannot get HIV by sharing food with a person who has HIV, and percentage with knowledge about HIV prevention, according to background characteristics, Tajikistan DHS 2023

| Background characteristic | Percentage who know:                      |                                                                       |                                       |                                             |                                                                   |                                                             | Number of women |
|---------------------------|-------------------------------------------|-----------------------------------------------------------------------|---------------------------------------|---------------------------------------------|-------------------------------------------------------------------|-------------------------------------------------------------|-----------------|
|                           | People can reduce their chance of HIV by: |                                                                       |                                       | HIV cannot be transmitted by mosquito bites | A person cannot get HIV by sharing food with a person who has HIV | Percentage with knowledge about HIV prevention <sup>1</sup> |                 |
|                           | Using a condom every time they have sex   | Having sex with only one uninfected partner who has no other partners | A healthy-looking person can have HIV |                                             |                                                                   |                                                             |                 |
| <b>Age</b>                |                                           |                                                                       |                                       |                                             |                                                                   |                                                             |                 |
| 15–19                     | 25.9                                      | 30.3                                                                  | 33.5                                  | 42.4                                        | 41.5                                                              | 7.5                                                         | 1,710           |
| 15–17                     | 20.3                                      | 25.5                                                                  | 28.9                                  | 39.8                                        | 38.4                                                              | 5.9                                                         | 1,071           |
| 18–19                     | 35.1                                      | 38.4                                                                  | 41.2                                  | 46.8                                        | 46.7                                                              | 10.3                                                        | 639             |
| 20–24                     | 43.0                                      | 45.0                                                                  | 41.4                                  | 50.0                                        | 52.3                                                              | 12.4                                                        | 1,616           |
| 20–22                     | 42.8                                      | 44.2                                                                  | 42.3                                  | 48.1                                        | 51.7                                                              | 12.5                                                        | 939             |
| 23–24                     | 43.2                                      | 45.9                                                                  | 40.1                                  | 52.8                                        | 53.2                                                              | 12.2                                                        | 677             |
| <b>Marital status</b>     |                                           |                                                                       |                                       |                                             |                                                                   |                                                             |                 |
| Never married             | 26.1                                      | 29.1                                                                  | 33.2                                  | 41.6                                        | 41.5                                                              | 7.7                                                         | 1,780           |
| Ever had sex              | *                                         | *                                                                     | *                                     | *                                           | *                                                                 | *                                                           | 6               |
| Never had sex             | 25.9                                      | 29.0                                                                  | 33.2                                  | 41.7                                        | 41.5                                                              | 7.8                                                         | 1,774           |
| Ever married              | 43.5                                      | 47.0                                                                  | 42.1                                  | 51.3                                        | 52.9                                                              | 12.4                                                        | 1,546           |
| <b>Residence</b>          |                                           |                                                                       |                                       |                                             |                                                                   |                                                             |                 |
| Urban                     | 37.1                                      | 40.4                                                                  | 45.4                                  | 50.4                                        | 55.5                                                              | 10.7                                                        | 908             |
| Rural                     | 33.1                                      | 36.3                                                                  | 34.3                                  | 44.5                                        | 43.5                                                              | 9.6                                                         | 2,419           |
| <b>Region</b>             |                                           |                                                                       |                                       |                                             |                                                                   |                                                             |                 |
| Dushanbe                  | 42.0                                      | 40.9                                                                  | 58.0                                  | 56.8                                        | 63.0                                                              | 13.4                                                        | 383             |
| GBAO                      | 47.2                                      | 43.8                                                                  | 46.0                                  | 69.2                                        | 64.0                                                              | 16.8                                                        | 42              |
| Sughd                     | 40.4                                      | 43.8                                                                  | 47.6                                  | 48.1                                        | 48.6                                                              | 14.4                                                        | 900             |
| DRS                       | 21.3                                      | 21.3                                                                  | 17.1                                  | 37.5                                        | 39.7                                                              | 5.4                                                         | 794             |
| Khatlon                   | 35.1                                      | 41.9                                                                  | 36.1                                  | 46.1                                        | 44.3                                                              | 8.1                                                         | 1,209           |
| <b>FTF districts</b>      | 27.6                                      | 33.3                                                                  | 32.6                                  | 38.2                                        | 36.9                                                              | 4.6                                                         | 687             |
| <b>Education</b>          |                                           |                                                                       |                                       |                                             |                                                                   |                                                             |                 |
| None/primary              | 35.6                                      | 39.4                                                                  | 26.4                                  | 36.8                                        | 45.3                                                              | 9.7                                                         | 87              |
| General basic             | 22.2                                      | 25.3                                                                  | 27.6                                  | 39.5                                        | 39.0                                                              | 6.8                                                         | 1,118           |
| General secondary         | 35.4                                      | 37.9                                                                  | 36.8                                  | 45.8                                        | 45.7                                                              | 9.4                                                         | 1,400           |
| Professional              |                                           |                                                                       |                                       |                                             |                                                                   |                                                             |                 |
| primary/middle            | 51.0                                      | 54.2                                                                  | 54.4                                  | 57.0                                        | 58.6                                                              | 17.2                                                        | 330             |
| Higher                    | 49.5                                      | 55.5                                                                  | 54.9                                  | 59.0                                        | 63.0                                                              | 14.3                                                        | 392             |
| <b>Wealth quintile</b>    |                                           |                                                                       |                                       |                                             |                                                                   |                                                             |                 |
| Lowest                    | 19.8                                      | 25.2                                                                  | 17.5                                  | 40.5                                        | 38.2                                                              | 6.6                                                         | 557             |
| Second                    | 26.6                                      | 33.4                                                                  | 33.2                                  | 43.6                                        | 43.8                                                              | 7.2                                                         | 679             |
| Middle                    | 40.4                                      | 42.2                                                                  | 39.3                                  | 45.3                                        | 43.3                                                              | 10.8                                                        | 682             |
| Fourth                    | 39.9                                      | 40.3                                                                  | 40.7                                  | 45.7                                        | 47.3                                                              | 11.5                                                        | 662             |
| Highest                   | 41.2                                      | 43.2                                                                  | 51.0                                  | 53.7                                        | 58.6                                                              | 12.5                                                        | 746             |
| Total                     | 34.2                                      | 37.4                                                                  | 37.3                                  | 46.1                                        | 46.8                                                              | 9.9                                                         | 3,327           |

Note: An asterisk indicates that a figure is based on fewer than 25 unweighted cases and has been suppressed.

<sup>1</sup> Knowledge about HIV prevention means knowing that consistent use of condoms during sexual intercourse and having just one uninfected faithful partner can reduce the chance of getting HIV, knowing that a healthy-looking person can have HIV, and rejecting two major misconceptions about HIV transmission: HIV can be transmitted by mosquito bites and a person can become infected by sharing food with a person who has HIV.

**Table 12.11 Age at first sexual intercourse among young women**

Percentage of young women age 15–24 who had sexual intercourse before age 15 and percentage of young women age 18–24 who had sexual intercourse before age 18, according to background characteristics, Tajikistan DHS 2023

| Background characteristic   | Women age 15–24                                     |                 | Women age 18–24                                     |                 |
|-----------------------------|-----------------------------------------------------|-----------------|-----------------------------------------------------|-----------------|
|                             | Percentage who had sexual intercourse before age 15 | Number of women | Percentage who had sexual intercourse before age 18 | Number of women |
| <b>Age</b>                  |                                                     |                 |                                                     |                 |
| 15–19                       | 0.1                                                 | 1,710           | na                                                  | na              |
| 15–17                       | 0.0                                                 | 1,071           | na                                                  | na              |
| 18–19                       | 0.4                                                 | 639             | 4.5                                                 | 639             |
| 20–24                       | 0.3                                                 | 1,616           | 5.9                                                 | 1,616           |
| 20–22                       | 0.3                                                 | 939             | 5.9                                                 | 939             |
| 23–24                       | 0.2                                                 | 677             | 6.0                                                 | 677             |
| <b>Residence</b>            |                                                     |                 |                                                     |                 |
| Urban                       | 0.1                                                 | 908             | 4.1                                                 | 622             |
| Rural                       | 0.2                                                 | 2,419           | 6.1                                                 | 1,633           |
| <b>Education</b>            |                                                     |                 |                                                     |                 |
| None/primary                | 0.0                                                 | 87              | 8.9                                                 | 74              |
| General basic               | 0.1                                                 | 1,118           | 12.7                                                | 403             |
| General secondary           | 0.3                                                 | 1,400           | 5.1                                                 | 1,101           |
| Professional primary/middle | 0.0                                                 | 330             | 1.8                                                 | 290             |
| Higher                      | 0.4                                                 | 392             | 1.2                                                 | 387             |
| Total                       | 0.2                                                 | 3,327           | 5.5                                                 | 2,255           |

na = not applicable

**Table 12.12 Premarital sexual intercourse among young women**

Among never-married women age 15–24, percentage who have never had sexual intercourse, according to background characteristics, Tajikistan DHS 2023

| Background characteristic   | Percentage who have never had sexual intercourse | Number of never-married women |
|-----------------------------|--------------------------------------------------|-------------------------------|
| <b>Age</b>                  |                                                  |                               |
| 15–19                       | 99.9                                             | 1,487                         |
| 15–17                       | 100.0                                            | 1,063                         |
| 18–19                       | 99.8                                             | 424                           |
| 20–24                       | 98.3                                             | 293                           |
| 20–22                       | 98.6                                             | 224                           |
| 23–24                       | 97.4                                             | 69                            |
| <b>Residence</b>            |                                                  |                               |
| Urban                       | 99.8                                             | 557                           |
| Rural                       | 99.6                                             | 1,223                         |
| <b>Education</b>            |                                                  |                               |
| None/primary                | (94.7)                                           | 30                            |
| General basic               | 100.0                                            | 780                           |
| General secondary           | 99.6                                             | 604                           |
| Professional primary/middle | 99.0                                             | 161                           |
| Higher                      | 99.9                                             | 206                           |
| Total                       | 99.7                                             | 1,780                         |

Note: Figures in parentheses are based on 25–49 unweighted cases.

**Table 12.13 Multiple sexual partners and higher-risk sexual intercourse in the past 12 months among young women**

Among young women age 15–24, percentage who had sexual intercourse with more than one sexual partner in the past 12 months and percentage who had intercourse in the past 12 months with a person who neither was their husband nor lived with them, according to background characteristics, Tajikistan DHS 2023

| Background characteristic   | Percentage who had 2+ partners in the past 12 months | Percentage who had intercourse in the past 12 months with a person who neither was their husband nor lived with them | Number of women |
|-----------------------------|------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------|-----------------|
| <b>Age</b>                  |                                                      |                                                                                                                      |                 |
| 15–19                       | 0.0                                                  | 0.0                                                                                                                  | 1,710           |
| 15–17                       | 0.0                                                  | 0.0                                                                                                                  | 1,071           |
| 18–19                       | 0.0                                                  | 0.1                                                                                                                  | 639             |
| 20–24                       | 0.4                                                  | 0.1                                                                                                                  | 1,616           |
| 20–22                       | 0.5                                                  | 0.1                                                                                                                  | 939             |
| 23–24                       | 0.2                                                  | 0.1                                                                                                                  | 677             |
| <b>Marital status</b>       |                                                      |                                                                                                                      |                 |
| Never married               | 0.0                                                  | 0.1                                                                                                                  | 1,780           |
| Ever married                | 0.4                                                  | 0.1                                                                                                                  | 1,546           |
| <b>Residence</b>            |                                                      |                                                                                                                      |                 |
| Urban                       | 0.1                                                  | 0.2                                                                                                                  | 908             |
| Rural                       | 0.2                                                  | 0.1                                                                                                                  | 2,419           |
| <b>Education</b>            |                                                      |                                                                                                                      |                 |
| None/primary                | 0.0                                                  | 0.0                                                                                                                  | 87              |
| General basic               | 0.4                                                  | 0.0                                                                                                                  | 1,118           |
| General secondary           | 0.1                                                  | 0.2                                                                                                                  | 1,400           |
| Professional primary/middle | 0.0                                                  | 0.2                                                                                                                  | 330             |
| Higher                      | 0.0                                                  | 0.0                                                                                                                  | 392             |
| Total                       | 0.2                                                  | 0.1                                                                                                                  | 3,327           |

**Table 12.14 Recent HIV tests among young women**

Among young women age 15–24 who have had sexual intercourse in the past 12 months, percentage who were tested for HIV in the past 12 months and received the results of the most recent test, according to background characteristics, Tajikistan DHS 2023

| Background characteristic | Percentage who have been tested for HIV in the past 12 months and received the results of the most recent test | Number of women |
|---------------------------|----------------------------------------------------------------------------------------------------------------|-----------------|
| <b>Age</b>                |                                                                                                                |                 |
| 15–19                     | 47.7                                                                                                           | 219             |
| 15–17                     | *                                                                                                              | 8               |
| 18–19                     | 47.6                                                                                                           | 211             |
| 20–24                     | 36.5                                                                                                           | 1,235           |
| 20–22                     | 39.1                                                                                                           | 679             |
| 23–24                     | 33.3                                                                                                           | 556             |
| <b>Marital status</b>     |                                                                                                                |                 |
| Never married             | *                                                                                                              | 3               |
| Ever married              | 38.3                                                                                                           | 1,452           |
| Total                     | 38.2                                                                                                           | 1,454           |

Note: An asterisk indicates that a figure is based on fewer than 25 unweighted cases and has been suppressed.

### Key Findings

- **Experience of violence:** 12% of women in Tajikistan age 15–49 have experienced physical violence since age 15, and 2% have ever experienced sexual violence. One percent of women who have ever been pregnant have experienced violence during pregnancy.
- **Controlling behaviors:** 80% of women who have ever had a husband/intimate partner have experienced controlling behaviors from their husband/intimate partner, and 25% have experienced three or more controlling behaviors.
- **Intimate partner violence by current or most recent husband/partner:** 16% of women who have ever had a husband or intimate partner have experienced physical, sexual, or emotional violence by their current or most recent partner.
- **Violence by any intimate partner in the past 12 months:** 14% of women who have ever had one or more husbands or intimate partners experienced emotional, physical, or sexual violence by a husband or intimate partner in the past 12 months.
- **Injuries due to intimate partner violence:** 31% of women who have ever experienced violence committed by their current or most recent husband/intimate partner have sustained injuries.
- **Help seeking:** Only 23% of women who have ever experienced physical or sexual violence sought help or told someone.

Gender-based violence is defined by the United Nations as any act of violence that results in physical, sexual, or psychological harm or suffering to women, girls, men, and boys, as well as threats of such acts, coercion, or the arbitrary deprivation of liberty. Increasing research has highlighted the health burdens, intergenerational effects, and demographic consequences of such violence (United Nations 2006).

A common form of gender-based violence is intimate partner violence, which refers to behavior within an intimate relationship that causes physical, sexual, or psychological harm and includes acts of physical aggression, sexual coercion, psychological abuse, and controlling behavior. This definition of intimate partner violence covers violence by both current and former spouses and partners.<sup>1</sup> This chapter focuses on intimate partner violence and other forms of domestic violence.

Historically, The DHS Program has collected detailed information only on intimate partner violence experienced by ever-married women, defined as women who are currently married or living with a man as if married and women who were formerly married or lived with a man as if married. More recently, the questionnaire module used to capture intimate partner violence in a DHS survey was revised to also capture intimate partner violence experienced by never-married women who reported that they currently or

<sup>1</sup> <https://apps.who.int/violence-info/intimate-partner-violence>.



formerly had an intimate partner. In the 2023 Tajikistan DHS, the revised version of the domestic violence questionnaire module was used for the first time, and therefore indicators on intimate partner violence are reported for women who have ever had a husband or other intimate partner. In the context of the revised questionnaire module and this report, the term “boyfriend” excludes anyone reported as an intimate partner. Given these changes, when examining trends in intimate partner violence, only the estimates provided separately for ever-married women should be compared with corresponding estimates from previous surveys.

The 2023 TjDHS implemented the module of questions on domestic violence in accordance with the World Health Organization’s guidelines on the ethical collection of information on domestic violence (WHO 2001). Only one eligible woman per household was randomly selected for the module, and the module was not implemented if privacy could not be obtained. Of the 6,787 women age 15–49 who were eligible for the module, 6,448 were successfully interviewed; 309 could not complete the module due to privacy concerns and 30 were not interviewed for other reasons. Special weights were used to adjust for the selection of only one woman per household and to ensure that the domestic violence subsample was nationally representative.

### 13.1 MEASUREMENT OF VIOLENCE

#### Terminology for this chapter

**Husband:** a man with whom a woman is married or living with as if married.

**Intimate partner:** a man with whom a never-married woman is in a relationship that involves physical and/or emotional intimacy and for which the relationship is or has the expectation of being longer lasting. As defined for the purposes of this chapter, an intimate partner is not a husband or a man a woman is living with and is also not a boyfriend with whom her relationship is casual or a man with whom she has a one-time encounter.

**Husband/intimate partner:** the current husband for currently married women; the most recent husband for divorced, separated, or widowed women; the current intimate partner for never-married women who currently have an intimate partner; and the most recent intimate partner for never-married women who do not currently have an intimate partner but had one in the past.

**Boyfriend:** a man with whom a woman has a casual relationship and who she did not mention as an intimate partner.

In the 2023 TjDHS, information was obtained from women age 15–49 on their experience of violence committed by any perpetrator, including current and former husbands or other intimate partners. To capture intimate partner violence, ever-married women were asked about their experience of violence committed by their current and former husbands/live-in partners, and, if applicable, never-married women were asked about their experience of violence committed by their current and former intimate partners. More specifically, intimate partner violence was measured by asking women if their current or former husband/intimate partner ever did the following to them:

- **Physical violence:** push you, shake you, or throw something at you; slap you; twist your arm or pull your hair; punch you with his fist or with something that could hurt you; kick you, drag you, or beat you up; choke you or burn you on purpose; or attack you with a knife, gun, or other weapon
- **Sexual violence:** physically force you to have sexual intercourse with him when you did not want to, physically force you to perform any other sexual acts you did not want to, or force you with threats or in any other way to perform sexual acts you did not want to
- **Emotional violence:** say or do something to humiliate you in front of others, threaten to hurt or harm you or someone you care about, or insult you or make you feel bad about yourself

In addition to the questions on different forms of intimate partner violence, information was also obtained from all women about physical violence committed by anyone other than any husband/intimate partner since they were age 15 by asking if anyone had hit, slapped, kicked, or done something else to hurt them physically. Similarly, women were asked if they had experienced sexual violence committed by anyone other than any husband/intimate partner. Specifically, they were asked if at any time in their life, as a child or as an adult, they were forced in any way to have sexual intercourse or to perform any other sexual acts when they did not want to. Additionally, women who had ever been pregnant were asked about their experience of physical violence during any pregnancy.

## 13.2 WOMEN'S EXPERIENCE OF PHYSICAL VIOLENCE

### Physical violence by any perpetrator

Percentage of women who have experienced any physical violence (committed by a husband, intimate partner, or anyone else) since age 15 and in the 12 months before the survey.

**Sample:** Women age 15–49

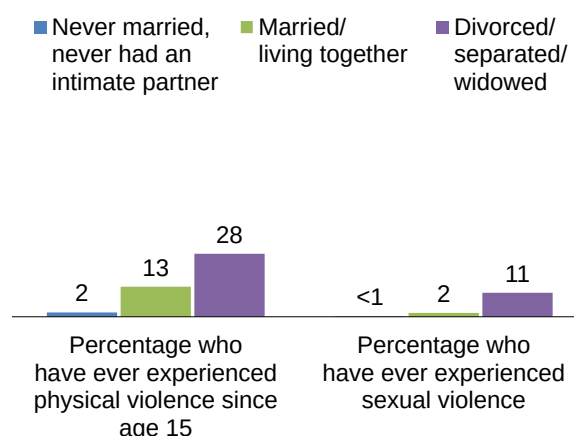
Twelve percent of women age 15–49 have experienced physical violence since age 15, including 9% who experienced physical violence often or sometimes in the 12 months preceding the survey (**Table 13.1**). Only 2% of women who have never been married and never had an intimate partner reported experiencing physical violence since age 15 (**Table 13.1**); however, 3% of these women refused to answer whether they had experienced physical violence since age 15 (data not shown separately).

**Trends:** The percentage of women who have experienced physical violence since age 15 has decreased over the past decade, from 19% in 2012 to 12% in 2023. However, the data suggest that this pattern has not been uniform over the decade, with the percentage increasing from 19% to 24% between 2012 and 2017 and then falling sharply to 12% in 2023.

### Patterns by background characteristics

- The percentage of women who have experienced physical violence since age 15 increases sharply from 4% among those age 15–19 to 17% among those age 30–39 before dropping to 13% among those age 40–49 (**Table 13.1**).
- By region, women's experience of physical violence since age 15 varies from a low of 7% in Dushanbe to a high of 18% in Khatlon.
- Twenty-eight percent of divorced, separated, or widowed women; 13% of currently married women; and 2% of women who have never been married and never had an intimate partner reported experiencing physical violence since age 15 (**Figure 13.1**).
- Women's experience of physical violence since age 15 is generally lower among those with more education, declining from 14% among those with no education or a primary education to 12% among those with a higher education. The difference between educational groups is more noticeable with respect to experience of violence during the past 12 months, with the percentage declining from 11% among those with no education to 8% among those with a higher education.

**Figure 13.1 Women's experience of violence by marital status**



### 13.2.1 Perpetrators of Physical Violence

Among women who had ever been married or had an intimate partner and who had experienced physical violence since age 15, 83% reported their current husband or intimate partner as the perpetrator. The next most common perpetrator mentioned by these women was their former husband or intimate partner (17%). Two percent of all women who reported any physical violence since age 15 mentioned experiencing violence by a mother or stepmother, and 2% reported violence by a sibling (**Table 13.2**).

### 13.2.2 Experience of Physical Violence during Pregnancy

#### Physical violence during pregnancy

Percentage of women who have experienced physical violence (committed by a husband, intimate partner, or anyone else) during any pregnancy.

**Sample:** Women age 15–49 who have ever been pregnant

Among women age 15–49 who had ever been pregnant, 1% reported experiencing physical violence while pregnant (**Table 13.3**).

#### Patterns by background characteristics

- Among women who had ever been married, the prevalence of physical violence during pregnancy was much higher among those who were divorced, separated or widowed (5%) than among those who were currently married (1%).

## 13.3 EXPERIENCE OF SEXUAL VIOLENCE

#### Sexual violence by any perpetrator

Percentage of women who have experienced any sexual violence (committed by a husband, intimate partner, or anyone else) ever and in the 12 months before the survey.

**Sample:** Women age 15–49

### 13.3.1 Prevalence of Sexual Violence

Two percent of women age 15–19 have ever experienced sexual violence by any perpetrator, and 1% experienced such violence in the past 12 months (**Table 13.4**). Notably, while less than 1% of never-married women reported any sexual violence, 3% of them refused to answer the question regarding sexual violence (data not shown separately<sup>2</sup>).

**Trends:** The percentage of women who have ever experienced sexual violence has decreased over the past decade, from 4% in 2012 to 2% in 2017 and 2023. Trends in experience of sexual violence in the past 12 months are similar, with a slight decline from 2012 to 2017 and no subsequent change (**Table 13.4**).

#### Patterns by background characteristics

- The percentage of women who have ever experienced sexual violence increases with age, from 0% among those age 15–19 to 3% among those age 30–39 and age 40–49. The pattern with respect to experience of sexual violence in the past 12 months is similar (**Table 13.4**).
- The percentage of women who have ever experienced sexual violence is broadly similar across regions, ranging from 1% in Dushanbe and Districts of Republican Subordination (DRS) to 2% in

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<sup>2</sup> Nonresponse for sexual violence by an intimate partner is not available.

Sughd and Khatlon. Again, the pattern with respect to experience of sexual violence in the past 12 months is similar.

- Two percent of women who have ever been married reported ever experiencing sexual violence, as compared with less than 1% of those who have never been married. A higher percentage of divorced, separated, or widowed women (11%) than currently married women (2%) reported ever experiencing sexual violence.
- The percentage of women who have ever experienced sexual violence is higher among those who are employed for cash (5%) than among those who are employed but not for cash (3%) and those who are not employed (1%). Two percent of women who are employed for either cash or not for cash experienced sexual violence in the past 12 months, compared with 1% of those who are not employed.

### 13.3.2 Perpetrators of Sexual Violence

Among women who had ever been married or had an intimate partner and had experienced sexual violence, 84% reported their current husband or intimate partner as the perpetrator, and 19% reported a former husband or intimate partner. Among all women age 15–49 who had experienced sexual violence, 7% reported a current or former boyfriend as the perpetrator (**Table 13.5**).

### 13.3.3 Experience of Sexual Violence by a Non-intimate Partner

Less than 1% of women age 15–49 had experienced sexual violence from someone other than a current or former husband or intimate partner. Notably, however, although the figures are still very low, the percentage of women reporting sexual violence by a non-intimate partner is higher among those age 20–24 and 30–39 than among those in the other age groups (**Table 13.6**).

**Table 13.6** also shows data on nonresponse to the question regarding experience of sexual violence committed by a non-intimate partner. Overall, 2% of women refused to answer the question. The percentage was highest among women who had never been married (3%) and women in Khatlon (4%).

### 13.3.4 Age at First Experience of Sexual Violence

**Table 13.7** shows that 1% of women age 15–49 had experienced sexual violence by any perpetrator by age 22; no women had experienced such violence at age 15 or younger. While the differences are relatively small, the percentages of women experiencing sexual violence at specific ages are higher if the perpetrator was a current or former husband or intimate partner than if he was a non-intimate partner.

## 13.4 EXPERIENCE OF DIFFERENT FORMS OF VIOLENCE

Physical violence or sexual violence may not occur in isolation; rather, women may experience a combination of forms of violence, and these combinations of violence can have a long-lasting negative effect on women's lives, health, and well-being. Among all women, 10% have experienced physical violence only, less than 1% have experienced sexual violence only, and 2% have experienced both physical and sexual violence. Overall, 12% of women have experienced either physical or sexual violence. The percentage of women who have experienced physical or sexual violence increases from 4% among those age 15–19 to a peak of 18% among those age 30–39 before falling to 13% among those age 40–49 (**Table 13.8**).

## 13.5 FORMS OF CONTROLLING BEHAVIORS AND INTIMATE PARTNER VIOLENCE

### Controlling behavior

Percentage of women whose current or most recent husband/intimate partner demonstrates one or more controlling behaviors.

**Sample:** Women age 15–49 who ever had a husband or an intimate partner

### Intimate partner violence

Percentage of women who have experienced any of the specified acts of physical, sexual, or emotional violence committed by their current or most recent husband/intimate partner, ever and in the 12 months preceding the survey.

**Sample:** Women age 15–49 who ever had a husband or an intimate partner

### 13.5.1 Prevalence of Controlling Behaviors and Intimate Partner Violence

Controlling behaviors can be important warning signs of difficulties in intimate relationships and may be correlated with intimate partner violence. While specific types of controlling behaviors may be important to examine, the combination is often more significant.

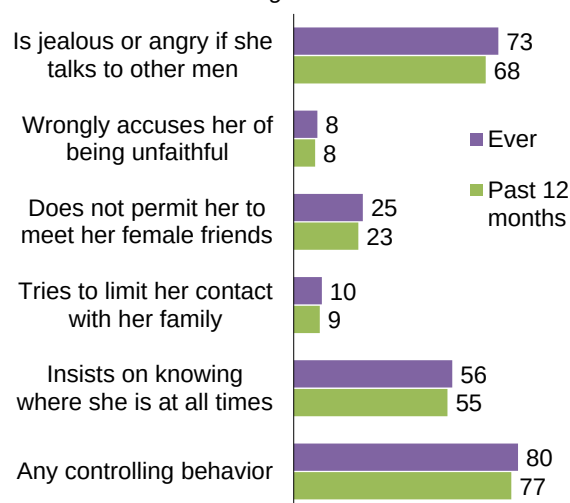
#### Controlling Behaviors

The 2023 TjDHS results show that 80% of women age 15–49 who have ever had a husband/intimate partner have experienced at least one controlling behavior from their husband/intimate partner, and 77% experienced at least one such behavior in the past 12 months (**Table 13.9**). The most common controlling behaviors reported by women were jealousy or anger if they talk to other men (73%) and insisting on knowing where they are at all times (56%). Twenty-five percent of women reported that their husband/intimate partner does not permit them to meet their female friends, 10% said that he has tried to limit their contact with their family, and 8% reported that he had wrongly accused them of being unfaithful (**Figure 13.2**). Overall, 25% of women reported experiencing at least three of the specified behaviors (**Table 13.10**).

**Trends:** The percentage of ever-married women who have experienced three or more controlling behaviors from their current or most recent husband/partner increased from 19% in 2012 to 29% in 2017 before decreasing to 25% in 2023.

**Figure 13.2 Forms of controlling behaviors**

*Percentage of women age 15–49 who have ever had a husband/intimate partner and have experienced specific types of controlling behaviors*



#### Patterns by background characteristics

- The percentage of women whose husband or intimate partner had ever displayed three or more controlling behaviors was highest among those age 15–19 (30%) and lowest among those age 40–49 (21%) (**Table 13.10**).
- By region, the percentage of women reporting that their husband or intimate partner had ever displayed three or more controlling behaviors ranges from 18% in Gorno-Badakhshan Autonomous

Oblast (GBAO) to 28% in DRS. There are large differences by region for the individual controlling behaviors as well. For example, 42% of women in GBAO reported that their husbands were jealous or angry if they talked to other men, as compared with more than 70% in Dushanbe (73%), Khatlon (76%), and Sughd (78%).

- Twenty-two percent of women with a general secondary education reported experiencing three or more controlling behaviors, as compared with 30% of women with no education or a primary education. The percentage of women who reported that their husband/intimate partner wrongly accused them of being unfaithful and insisted on knowing where they are at all times is highest among those with a higher education.
- The percentage of women who reported ever experiencing three or more controlling behaviors increases from 22% among those in the lowest wealth quintile to 26% those in the highest quintile.
- Ten percent of women who are never afraid of their husband/intimate partner reported experiencing three or more controlling behaviors, compared with 21% of those who are sometimes afraid of their husband/partner and 42% of those who are afraid of their husband/intimate partner most of the time.

### *Violence by Current or Most Recent Husband/Intimate Partner*

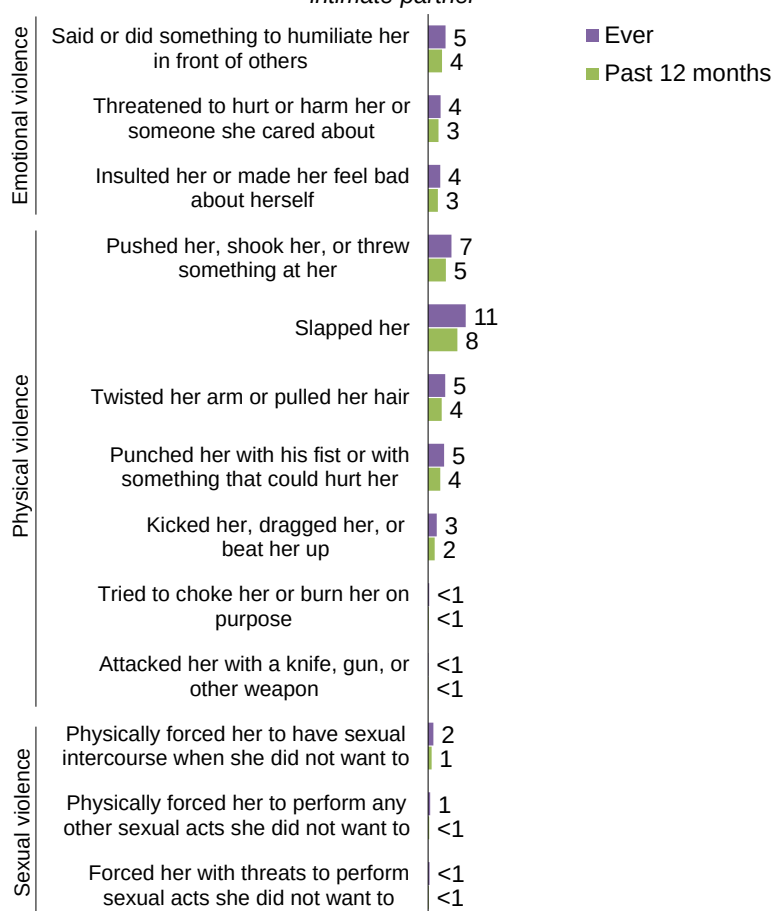
Fourteen percent of women who have ever had a husband/intimate partner reported having experienced physical violence from their current or most recent husband/intimate partner, including 11% who experienced physical violence in the past 12 months; 2% reported having ever experienced sexual violence, including 1% who experienced such violence in the past 12 months; and 7% reported having experienced emotional violence, including 6% who experienced such violence in the past 12 months. Overall, 16% of women have experienced one or more forms of physical, sexual, or emotional violence from their current or most recent husband/intimate partner, including 14% in the past 12 months (**Table 13.9**).

Women who had experienced physical violence most commonly reported being slapped (11%), those who had experienced sexual violence most often reported being physically forced to have sexual intercourse when they did not want to (2%), and those who had experienced emotional violence most commonly reported that their husband or partner said or did something to humiliate them in front of others (5%) (**Figure 13.3**).

**Trends:** Over the past decade, levels of reported physical, sexual, and emotional violence have declined in Tajikistan. However, the decline has not been consistent across this period, with an increase between 2012 and 2017 followed by a sharp decrease between 2017 and 2023. In 2012, 24% of women reported experiencing physical, sexual, or emotional violence perpetrated by their husbands. This percentage increased to 31% in 2017 and then declined to 16% in 2023. The overall decline is mostly due to large decreases in the percentage of women reporting both physical and emotional violence.

**Figure 13.3 Forms of intimate partner violence**

*Percentage of women age 15–49 who have ever had a husband/intimate partner and have experienced specific acts of violence by their most recent husband/intimate partner*



#### Patterns by background characteristics

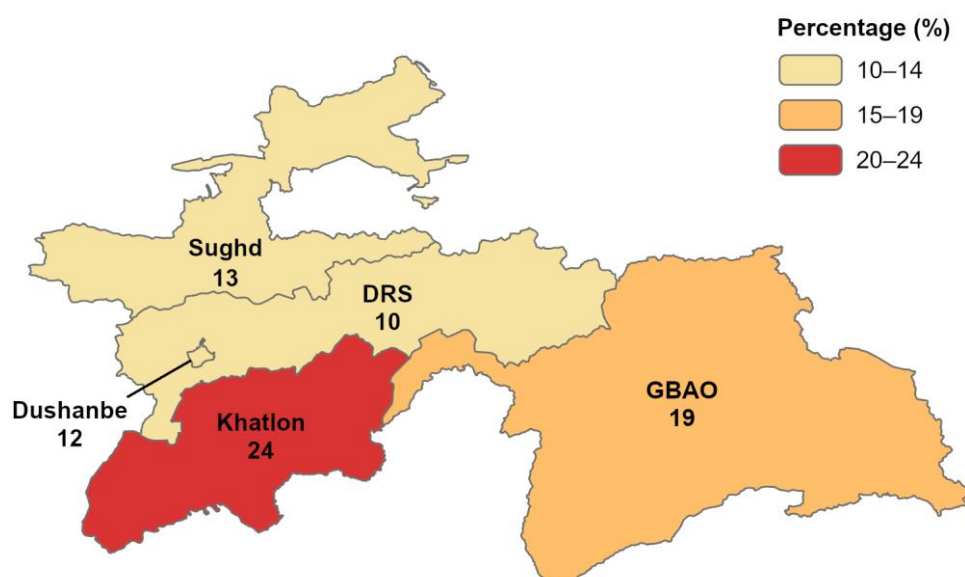
- The percentage of women who have experienced physical, sexual, or emotional violence from their current or most recent husband/intimate partner is lowest among those age 20–24 (12%) and highest among those age 30–39 (20%) (**Table 13.11**).



- There is considerable variation by region in women's experience of intimate partner violence; 10% of women in DRS have experienced physical, sexual, or emotional violence from their current or most recent husband/intimate partner, as compared with 24% of women in Khatlon (**Map 13.1**).

### Map 13.1 Intimate partner violence by region

*Percentage of women age 15–49 who ever had a husband/intimate partner and have ever experienced physical, sexual, or emotional violence committed by their most recent husband/intimate partner*



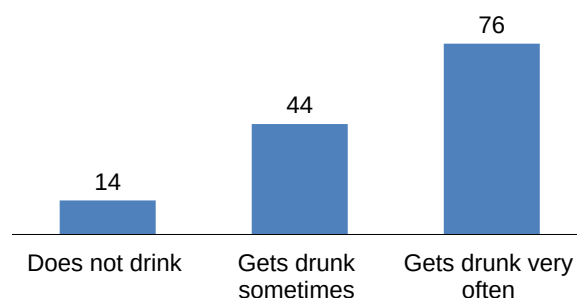
- Thirty-one percent of women who are divorced, separated, or widowed have experienced any of the three forms of violence, more than twice the percentage among women who are currently married or living with their partner (15%).

### Patterns by husband's/intimate partner's characteristics and women's empowerment indicators

- The likelihood of experiencing physical, sexual, or emotional violence increases with husbands'/intimate partners' alcohol consumption. Fourteen percent of women whose husband/intimate partner does not drink have ever experienced any of the three types of violence, as compared with 44% of those whose husband/intimate partner is sometimes drunk and 76% of those whose husband/intimate partner is often drunk (**Figure 13.4** and **Table 13.12**).
- Women's experience of physical, sexual, or emotional violence increases with their husbands'/intimate partners' education. Twelve percent of women whose husband/intimate partner has no education or a primary education have experienced physical, sexual or emotional violence, compared with 18%–19% of women whose husband/intimate partner has a professional primary/middle or higher education.

### Figure 13.4 Intimate partner violence by husband's/intimate partner's alcohol consumption

*Percentage of women who have ever had a husband/intimate partner and have ever experienced emotional, physical, or sexual violence by their most recent husband/intimate partner*





- There is a strong relationship between the number of controlling behaviors displayed by a woman's husband or intimate partner and her experience of physical, sexual, or emotional violence. The percentage of women who have experienced any of the three types of violence increases from 3% among those whose husband or intimate partner displays no controlling behaviors to 13% among those whose husband displays one or two behaviors, 30% among those whose husband displays three or four behaviors, and 73% among those whose husband displays all five behaviors.
- The percentage of women who are victims of intimate partner violence is much higher among those who reported that their fathers beat their mothers (50%) than among those who reported that their fathers did not beat their mothers (14%).
- Five percent of women who are never afraid of their husband/intimate partner have ever experienced violence, compared with 14% of those who are sometimes afraid and 30% of those who are afraid most of the time.

### 13.5.2 Intimate Partner Violence in the Past 12 Months Perpetrated by Any Husband/Intimate Partner

#### **Intimate partner violence by any partner in the past 12 months**

Percentage of women who experienced any of the specified acts of physical, sexual, or emotional violence committed by any husband or any intimate partner in the 12 months preceding the survey. These indicators correspond to SDG 5.2.1.

**Sample:** Women age 15–49 who ever had a husband or an intimate partner

Fourteen percent of women who have ever had one or more husbands/intimate partners experienced physical, sexual, or emotional violence by a husband/intimate partner in the past 12 months; 6% experienced emotional violence, 11% experienced physical violence, and 1% experienced sexual violence (Table 13.13).

## 13.6 INJURIES TO WOMEN DUE TO INTIMATE PARTNER VIOLENCE

#### **Injuries due to intimate partner violence**

Percentage of women who have the following types of injuries from intimate partner violence: cuts, bruises, or aches; eye injuries, sprains, dislocations, or burns; or deep wounds, broken bones, broken teeth, or any other serious injury.

**Sample:** Women age 15–49 who have experienced physical or sexual violence committed by their current or most recent husband or intimate partner

Thirty-one percent of women age 15–49 who have ever experienced physical or sexual violence by their current or most recent husband/intimate partner have sustained injuries. The most commonly reported injuries are cuts, bruises, or aches (30%); 12% of women experienced eye injuries, sprains, dislocations, or burns, and 4% experienced deep wounds, broken bones, broken teeth, or any other serious injury (Table 13.14).

## 13.7 VIOLENCE INITIATED BY WOMEN AGAINST THEIR HUSBAND/INTIMATE PARTNER

#### **Initiation of physical violence by women**

Percentage of women who have ever hit, slapped, kicked, or done anything else to physically hurt their current or most recent husband/intimate partner at times when he was not already beating or physically hurting them.

**Sample:** Women age 15–49 who ever had a husband or an intimate partner

One percent of women age 15–49 who have ever had a husband/intimate partner have ever initiated physical violence against their current or most recent husband/intimate partner when he was not already beating or physically hurting them. One percent initiated such violence in the past 12 months. Three percent of women who have themselves experienced intimate partner physical violence have ever initiated such violence, as compared with less than 1% of women who have not experienced physical intimate partner violence (**Table 13.15**).

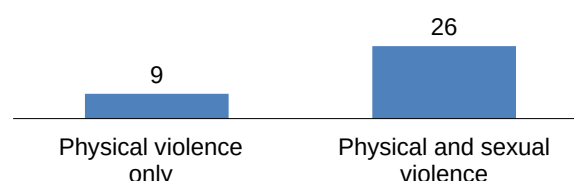
**Table 13.16** presents data on initiation of physical violence by women against their husband/intimate partner by the husband's/intimate partner's characteristics and women's empowerment indicators.

### 13.8 HELP SEEKING AMONG WOMEN WHO HAVE EXPERIENCED VIOLENCE

Overall, only 23% of women age 15–49 who have ever experienced physical or sexual violence sought help to stop the violence or told someone about it. The percentage of women who have sought help is higher among those who have experienced both physical and sexual violence (26%) than among those who have experienced only physical violence (9%) (**Table 13.17** and **Figure 13.5**).

**Figure 13.5 Help seeking by type of violence experienced**

*Percentage of women age 15–49 who have experienced physical or sexual violence and sought help*



#### Patterns by background characteristics

- More women from urban areas (16%) sought help than women from rural areas (9%). Similarly, more women from urban (15%) than rural (11%) areas told someone about the violence.
- Help-seeking behavior varies greatly by region: 7% of women living in Khatlon sought help, as compared with 27% of those living in Dushanbe. In other regions, the percentage of women who sought help ranged from 11% to 15%.
- Help seeking does not vary consistently with household wealth or education. Notably, however, more women from households in the highest wealth quintile sought help (18%) than women from households in the other quintiles.

#### Sources for Help

Among women who have experienced physical or sexual violence and sought help, the most common source of help is their own family (64%), followed by their husband's/intimate partner's family (43%). Few women sought help from a friend (7%), a lawyer (5%), or the police (3%) (**Table 13.18**).

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- **Table 13.4** Experience of sexual violence by any perpetrator
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- **Table 13.17** Help seeking to stop violence
- **Table 13.18** Sources for help to stop the violence

**Table 13.1 Experience of physical violence by any perpetrator**

Percentage of women age 15–49 who have experienced physical violence by any perpetrator since age 15 and percentage who experienced physical violence by any perpetrator in the 12 months preceding the survey, according to background characteristics, Tajikistan DHS 2023

| Background characteristic  | Percentage who have experienced physical violence since age 15 <sup>1</sup> | Percentage who experienced physical violence in the past 12 months |           |                                 | Number of women |
|----------------------------|-----------------------------------------------------------------------------|--------------------------------------------------------------------|-----------|---------------------------------|-----------------|
|                            |                                                                             | Often                                                              | Sometimes | Often or sometimes <sup>2</sup> |                 |
| <b>Age</b>                 |                                                                             |                                                                    |           |                                 |                 |
| 15–19                      | 3.6                                                                         | 0.2                                                                | 3.1       | 3.3                             | 1,091           |
| 20–24                      | 9.3                                                                         | 0.9                                                                | 7.4       | 8.3                             | 1,039           |
| 25–29                      | 11.7                                                                        | 2.1                                                                | 8.0       | 10.1                            | 1,031           |
| 30–39                      | 17.3                                                                        | 2.5                                                                | 10.0      | 12.6                            | 1,963           |
| 40–49                      | 13.1                                                                        | 1.7                                                                | 7.6       | 9.3                             | 1,324           |
| <b>Residence</b>           |                                                                             |                                                                    |           |                                 |                 |
| Urban                      | 11.1                                                                        | 1.4                                                                | 6.6       | 8.1                             | 1,760           |
| Rural                      | 12.2                                                                        | 1.7                                                                | 8.0       | 9.7                             | 4,688           |
| <b>Region</b>              |                                                                             |                                                                    |           |                                 |                 |
| Dushanbe                   | 7.4                                                                         | 1.2                                                                | 3.5       | 4.7                             | 703             |
| GBAO                       | 16.0                                                                        | 0.4                                                                | 10.6      | 11.0                            | 101             |
| Sughd                      | 8.9                                                                         | 1.3                                                                | 4.0       | 5.3                             | 1,810           |
| DRS                        | 8.3                                                                         | 1.0                                                                | 4.7       | 5.7                             | 1,533           |
| Khatlon                    | 18.0                                                                        | 2.5                                                                | 13.5      | 16.0                            | 2,301           |
| <b>FTF districts</b>       | 12.2                                                                        | 1.3                                                                | 9.5       | 10.8                            | 1,293           |
| <b>Marital status</b>      |                                                                             |                                                                    |           |                                 |                 |
| Never married              | 1.9                                                                         | 0.0                                                                | 1.4       | 1.5                             | 1,215           |
| Never had intimate partner | 1.9                                                                         | 0.0                                                                | 1.4       | 1.4                             | 1,207           |
| Ever had intimate partner  | *                                                                           | *                                                                  | *         | *                               | 8               |
| Ever married               | 14.3                                                                        | 2.0                                                                | 9.0       | 11.1                            | 5,233           |
| Married or living together | 13.3                                                                        | 1.5                                                                | 9.1       | 10.7                            | 4,890           |
| Divorced/separated/widowed | 27.9                                                                        | 8.9                                                                | 7.9       | 16.8                            | 342             |
| <b>Education</b>           |                                                                             |                                                                    |           |                                 |                 |
| None/primary               | 13.5                                                                        | 5.2                                                                | 6.1       | 11.3                            | 275             |
| General basic              | 13.1                                                                        | 1.7                                                                | 8.8       | 10.5                            | 2,112           |
| General secondary          | 10.6                                                                        | 1.4                                                                | 7.2       | 8.5                             | 2,803           |
| Professional               |                                                                             |                                                                    |           |                                 |                 |
| primary/middle             | 13.8                                                                        | 2.4                                                                | 6.8       | 9.2                             | 506             |
| Higher                     | 11.7                                                                        | 0.7                                                                | 7.0       | 7.8                             | 752             |
| <b>Wealth quintile</b>     |                                                                             |                                                                    |           |                                 |                 |
| Lowest                     | 11.8                                                                        | 2.0                                                                | 8.1       | 10.1                            | 1,173           |
| Second                     | 12.9                                                                        | 2.4                                                                | 8.2       | 10.7                            | 1,284           |
| Middle                     | 13.6                                                                        | 1.7                                                                | 9.6       | 11.3                            | 1,285           |
| Fourth                     | 11.4                                                                        | 0.8                                                                | 7.4       | 8.2                             | 1,304           |
| Highest                    | 10.1                                                                        | 1.3                                                                | 5.0       | 6.3                             | 1,402           |
| <b>Total</b>               | 11.9                                                                        | 1.6                                                                | 7.6       | 9.3                             | 6,448           |

Note: An asterisk indicates that a figure is based on fewer than 25 unweighted cases and has been suppressed.

<sup>1</sup> Includes physical violence in the past 12 months. For women who were married or living together before age 15 and reported violence only by their husband and for never-married women who had an intimate partner before age 15 and reported violence only by their intimate partner, the violence could have occurred before age 15.

<sup>2</sup> Includes women who reported physical violence in the past 12 months but for whom frequency is not known

**Table 13.2 Persons committing physical violence**

Among women age 15–49 who have experienced physical violence since age 15, percentage who report specific persons who committed the violence, by the respondent's partnership status, Tajikistan DHS 2023

| Person                                                              | Partnership status                         |                                              | Total |
|---------------------------------------------------------------------|--------------------------------------------|----------------------------------------------|-------|
|                                                                     | Ever married/<br>ever had intimate partner | Never married/<br>never had intimate partner |       |
| Current husband/intimate partner                                    | 83.3                                       | na                                           | 80.8  |
| Former husband/intimate partner                                     | 17.4                                       | na                                           | 16.9  |
| Current boyfriend                                                   | nc                                         | nc                                           | nc    |
| Former boyfriend                                                    | 0.0                                        | *                                            | 0.3   |
| Father/stepfather                                                   | 0.7                                        | *                                            | 0.6   |
| Mother/stepmother                                                   | 1.0                                        | *                                            | 2.1   |
| Sister/brother                                                      | 0.9                                        | *                                            | 2.3   |
| Daughter/son                                                        | 0.0                                        | *                                            | 0.0   |
| Other relative                                                      | 0.4                                        | *                                            | 0.4   |
| Mother-in-law                                                       | 0.1                                        | na                                           | 0.1   |
| Father-in-law                                                       | nc                                         | nc                                           | nc    |
| Other in-law                                                        | 0.2                                        | na                                           | 0.2   |
| Teacher                                                             | 0.0                                        | *                                            | 1.2   |
| Schoolmate/classmate                                                | 0.3                                        | *                                            | 0.3   |
| Employer/someone at work                                            | nc                                         | nc                                           | nc    |
| Police/soldier                                                      | nc                                         | nc                                           | nc    |
| Number of women who have experienced physical violence since age 15 | 747                                        | 23                                           | 770   |

Note: The term husband includes a partner with whom a woman is living as if married. Percentages may add to more than 100% since women can report more than one perpetrator. An asterisk indicates that a figure is based on fewer than 25 unweighted cases and has been suppressed.

na = not applicable

nc = no cases

**Table 13.3 Experience of violence during pregnancy**

Among women age 15–49 who have ever been pregnant, percentage who have ever experienced physical violence during pregnancy, according to background characteristics, Tajikistan DHS 2023

| Background characteristic        | Percentage who experienced violence during pregnancy | Number of women who have ever been pregnant |
|----------------------------------|------------------------------------------------------|---------------------------------------------|
| <b>Age</b>                       |                                                      |                                             |
| 15–19                            | 0.0                                                  | 91                                          |
| 20–24                            | 0.2                                                  | 726                                         |
| 25–29                            | 0.7                                                  | 966                                         |
| 30–39                            | 1.1                                                  | 1,876                                       |
| 40–49                            | 0.9                                                  | 1,257                                       |
| <b>Residence</b>                 |                                                      |                                             |
| Urban                            | 1.4                                                  | 1,281                                       |
| Rural                            | 0.6                                                  | 3,635                                       |
| <b>Region</b>                    |                                                      |                                             |
| Dushanbe                         | 2.1                                                  | 501                                         |
| GBAO                             | 2.0                                                  | 74                                          |
| Sughd                            | 0.8                                                  | 1,406                                       |
| DRS                              | 1.4                                                  | 1,175                                       |
| Khatlon                          | 0.1                                                  | 1,760                                       |
| <b>FTF districts</b>             | 0.0                                                  | 1,000                                       |
| <b>Marital status</b>            |                                                      |                                             |
| Never married                    | *                                                    | 19                                          |
| Never had intimate partner       | *                                                    | 17                                          |
| Ever had intimate partner        | *                                                    | 2                                           |
| Ever married                     | 0.8                                                  | 4,897                                       |
| Married or living together       | 0.5                                                  | 4,614                                       |
| Divorced/separated/widowed       | 5.4                                                  | 283                                         |
| <b>Number of living children</b> |                                                      |                                             |
| 0                                | 0.1                                                  | 197                                         |
| 1–2                              | 1.1                                                  | 1,905                                       |
| 3–4                              | 0.8                                                  | 2,432                                       |
| 5+                               | 0.3                                                  | 383                                         |
| <b>Education</b>                 |                                                      |                                             |
| None/primary                     | 1.5                                                  | 230                                         |
| General basic                    | 1.3                                                  | 1,509                                       |
| General secondary                | 0.4                                                  | 2,277                                       |
| Professional                     |                                                      |                                             |
| primary/middle                   | 1.0                                                  | 364                                         |
| Higher                           | 0.8                                                  | 536                                         |
| <b>Wealth quintile</b>           |                                                      |                                             |
| Lowest                           | 0.6                                                  | 945                                         |
| Second                           | 0.8                                                  | 999                                         |
| Middle                           | 0.7                                                  | 939                                         |
| Fourth                           | 0.4                                                  | 1,032                                       |
| Highest                          | 1.7                                                  | 1,001                                       |
| Total                            | 0.8                                                  | 4,916                                       |

Note: An asterisk indicates that a figure is based on fewer than 25 unweighted cases and has been suppressed.

**Table 13.4 Experience of sexual violence by any perpetrator**

Percentage of women age 15–49 who have ever experienced sexual violence by any perpetrator and percentage who experienced sexual violence by any perpetrator in the 12 months preceding the survey, according to background characteristics, Tajikistan DHS 2023

| Background characteristic  | Percentage who have experienced sexual violence by any perpetrator: |                       | Number of women |
|----------------------------|---------------------------------------------------------------------|-----------------------|-----------------|
|                            | Ever <sup>1</sup>                                                   | In the past 12 months |                 |
| <b>Age</b>                 |                                                                     |                       |                 |
| 15–19                      | 0.0                                                                 | 0.0                   | 1,091           |
| 20–24                      | 1.3                                                                 | 1.0                   | 1,039           |
| 25–29                      | 2.0                                                                 | 1.1                   | 1,031           |
| 30–39                      | 2.8                                                                 | 1.5                   | 1,963           |
| 40–49                      | 2.5                                                                 | 1.2                   | 1,324           |
| <b>Residence</b>           |                                                                     |                       |                 |
| Urban                      | 1.9                                                                 | 1.2                   | 1,760           |
| Rural                      | 1.9                                                                 | 1.0                   | 4,688           |
| <b>Region</b>              |                                                                     |                       |                 |
| Dushanbe                   | 1.3                                                                 | 0.6                   | 703             |
| GBAO                       | 1.8                                                                 | 1.0                   | 101             |
| Sughd                      | 2.1                                                                 | 0.7                   | 1,810           |
| DRS                        | 1.3                                                                 | 0.8                   | 1,533           |
| Khatlon                    | 2.2                                                                 | 1.6                   | 2,301           |
| <b>FTF districts</b>       | 0.3                                                                 | 0.3                   | 1,293           |
| <b>Marital status</b>      |                                                                     |                       |                 |
| Never married              | 0.2                                                                 | 0.0                   | 1,215           |
| Never had intimate partner | 0.1                                                                 | 0.0                   | 1,207           |
| Ever had intimate partner  | *                                                                   | *                     | 8               |
| Ever married               | 2.3                                                                 | 1.3                   | 5,233           |
| Married or living together | 1.7                                                                 | 1.2                   | 4,890           |
| Divorced/separated/widowed | 10.6                                                                | 2.5                   | 342             |
| <b>Employment</b>          |                                                                     |                       |                 |
| Employed for cash          | 4.6                                                                 | 2.4                   | 1,307           |
| Employed not for cash      | 2.9                                                                 | 1.9                   | 196             |
| Not employed               | 1.1                                                                 | 0.7                   | 4,945           |
| <b>Education</b>           |                                                                     |                       |                 |
| None/primary               | 1.1                                                                 | 1.1                   | 275             |
| General basic              | 1.9                                                                 | 1.0                   | 2,112           |
| General secondary          | 1.9                                                                 | 1.2                   | 2,803           |
| Professional               |                                                                     |                       |                 |
| primary/middle             | 2.1                                                                 | 0.8                   | 506             |
| Higher                     | 1.6                                                                 | 1.0                   | 752             |
| <b>Wealth quintile</b>     |                                                                     |                       |                 |
| Lowest                     | 1.9                                                                 | 1.1                   | 1,173           |
| Second                     | 1.4                                                                 | 0.8                   | 1,284           |
| Middle                     | 2.6                                                                 | 1.2                   | 1,285           |
| Fourth                     | 1.9                                                                 | 1.4                   | 1,304           |
| Highest                    | 1.6                                                                 | 0.9                   | 1,402           |
| <b>Total</b>               | 1.9                                                                 | 1.1                   | 6,448           |

Note: An asterisk indicates that a figure is based on fewer than 25 unweighted cases and has been suppressed.

<sup>1</sup> Includes experience of sexual violence in the past 12 months

**Table 13.5 Persons committing sexual violence**

Among women age 15–49 who have experienced sexual violence, percentage who report specific persons who committed the violence, according to respondent's partnership status, Tajikistan DHS 2023

| Person                                               | Partnership status                         |                                              | Total |
|------------------------------------------------------|--------------------------------------------|----------------------------------------------|-------|
|                                                      | Ever married/<br>ever had intimate partner | Never married/<br>never had intimate partner |       |
| Current husband/intimate partner                     | 84.4                                       | na                                           | 83.1  |
| Former husband/intimate partner                      | 19.2                                       | na                                           | 18.9  |
| Current/former boyfriend                             | 5.1                                        | *                                            | 6.5   |
| Number of women who have experienced sexual violence | 119                                        | 2                                            | 120   |

Note: The term husband includes a partner with whom a woman is living as if married. Percentages may add to more than 100% since women can report more than one perpetrator. An asterisk indicates that a figure is based on fewer than 25 unweighted cases and has been suppressed.  
na = not applicable



**Table 13.6 Experience of sexual violence by any non-intimate partner**

Percentage of women age 15–49 who have ever experienced sexual violence by someone who is not a husband or intimate partner, and percentage who refused to answer whether they experienced sexual violence by someone other than a husband/intimate partner, according to background characteristics, Tajikistan DHS 2023

| Background characteristic   | Percentage who have experienced sexual violence by someone other than a husband/intimate partner |                   | Number of women |
|-----------------------------|--------------------------------------------------------------------------------------------------|-------------------|-----------------|
|                             | Ever <sup>1</sup>                                                                                | Refused to answer |                 |
| <b>Age</b>                  |                                                                                                  |                   |                 |
| 15–19                       | 0.0                                                                                              | 2.8               | 1,091           |
| 20–24                       | 0.3                                                                                              | 2.2               | 1,039           |
| 25–29                       | 0.0                                                                                              | 3.0               | 1,031           |
| 30–39                       | 0.2                                                                                              | 1.9               | 1,963           |
| 40–49                       | 0.1                                                                                              | 1.2               | 1,324           |
| <b>Residence</b>            |                                                                                                  |                   |                 |
| Urban                       | 0.1                                                                                              | 2.0               | 1,760           |
| Rural                       | 0.1                                                                                              | 2.2               | 4,688           |
| <b>Region</b>               |                                                                                                  |                   |                 |
| Dushanbe                    | 0.0                                                                                              | 0.8               | 703             |
| GBAO                        | 0.0                                                                                              | 0.7               | 101             |
| Sughd                       | 0.4                                                                                              | 2.4               | 1,810           |
| DRS                         | 0.0                                                                                              | 0.3               | 1,533           |
| Khatlon                     | 0.0                                                                                              | 3.6               | 2,301           |
| <b>FTF districts</b>        | 0.0                                                                                              | 3.4               | 1,293           |
| <b>Marital status</b>       |                                                                                                  |                   |                 |
| Never married               | 0.1                                                                                              | 3.4               | 1,215           |
| Never had intimate partner  | 0.1                                                                                              | 3.4               | 1,207           |
| Ever had intimate partner   | *                                                                                                | *                 | 8               |
| Ever married                | 0.1                                                                                              | 1.8               | 5,233           |
| Married or living together  | 0.1                                                                                              | 1.8               | 4,890           |
| Divorced/separated/widowed  | 0.8                                                                                              | 2.1               | 342             |
| <b>Education</b>            |                                                                                                  |                   |                 |
| None/primary                | 0.0                                                                                              | 0.9               | 275             |
| General basic               | 0.1                                                                                              | 2.0               | 2,112           |
| General secondary           | 0.2                                                                                              | 2.4               | 2,803           |
| Professional primary/middle | 0.0                                                                                              | 2.3               | 506             |
| Higher                      | 0.0                                                                                              | 1.8               | 752             |
| <b>Wealth quintile</b>      |                                                                                                  |                   |                 |
| Lowest                      | 0.2                                                                                              | 2.0               | 1,173           |
| Second                      | 0.0                                                                                              | 3.0               | 1,284           |
| Middle                      | 0.3                                                                                              | 3.0               | 1,285           |
| Fourth                      | 0.0                                                                                              | 1.0               | 1,304           |
| Highest                     | 0.1                                                                                              | 1.7               | 1,402           |
| <b>Total</b>                | 0.1                                                                                              | 2.1               | 6,448           |

Note: The term husband includes a partner with whom a woman is living as if married. An asterisk indicates that a figure is based on fewer than 25 unweighted cases and has been suppressed.

<sup>1</sup> Includes experience of violence in the past 12 months

**Table 13.7 Age at first experience of sexual violence**

Percentage of women age 15–49 who experienced sexual violence by specific exact ages, according to current age and type of perpetrator, Tajikistan DHS 2023

| Background characteristic                     | Percentage who first experienced sexual violence by exact age: |     |     |     |     | Percentage who have not experienced sexual violence | Number of women |
|-----------------------------------------------|----------------------------------------------------------------|-----|-----|-----|-----|-----------------------------------------------------|-----------------|
|                                               | 10                                                             | 12  | 15  | 18  | 22  |                                                     |                 |
| <b>Age</b>                                    |                                                                |     |     |     |     |                                                     |                 |
| 15–19                                         | 0.0                                                            | 0.0 | 0.0 | na  | na  | 100.0                                               | 1,091           |
| 20–24                                         | 0.0                                                            | 0.0 | 0.0 | 0.0 | na  | 98.7                                                | 1,039           |
| 25–29                                         | 0.0                                                            | 0.0 | 0.0 | 0.2 | 0.9 | 98.0                                                | 1,031           |
| 30–39                                         | 0.0                                                            | 0.0 | 0.0 | 0.1 | 1.0 | 97.2                                                | 1,963           |
| 40–49                                         | 0.0                                                            | 0.0 | 0.1 | 0.5 | 1.3 | 97.5                                                | 1,324           |
| 18–29                                         | 0.0                                                            | 0.0 | 0.0 | 0.1 | na  | 98.7                                                | 2,486           |
| Total                                         | 0.0                                                            | 0.0 | 0.0 | 0.2 | 0.9 | 98.1                                                | 6,448           |
| <b>Type of perpetrator</b>                    |                                                                |     |     |     |     |                                                     |                 |
| Any husband/<br>intimate partner <sup>1</sup> | 0.0                                                            | 0.0 | 0.0 | 0.2 | 1.1 | 97.7                                                | 5,241           |
| Any non-intimate<br>partner <sup>2</sup>      | 0.0                                                            | 0.0 | 0.0 | 0.0 | 0.1 | 97.8                                                | 6,448           |

Note: The term husband includes a partner with whom a woman is living as if married.

na = not applicable

<sup>1</sup> Includes only ever-married women and never-married women who have ever had an intimate partner

<sup>2</sup> Includes all women

**Table 13.8 Experience of different forms of violence**

Percentage of women age 15–49 who have ever experienced different forms of violence by current age, Tajikistan DHS 2023

| Age   | Physical violence only | Sexual violence only | Physical and sexual violence | Physical or sexual violence | Number of women |
|-------|------------------------|----------------------|------------------------------|-----------------------------|-----------------|
| 15–19 | 3.6                    | 0.0                  | 0.0                          | 3.6                         | 1,091           |
| 15–17 | 2.1                    | 0.0                  | 0.0                          | 2.1                         | 676             |
| 18–19 | 6.1                    | 0.0                  | 0.0                          | 6.1                         | 415             |
| 20–24 | 8.5                    | 0.4                  | 0.8                          | 9.7                         | 1,039           |
| 25–29 | 10.5                   | 0.7                  | 1.2                          | 12.4                        | 1,031           |
| 30–39 | 15.0                   | 0.5                  | 2.3                          | 17.7                        | 1,963           |
| 40–49 | 10.8                   | 0.2                  | 2.3                          | 13.3                        | 1,324           |
| Total | 10.4                   | 0.4                  | 1.5                          | 12.3                        | 6,448           |

**Table 13.9 Forms of controlling behaviors and intimate partner violence**

Percentage of women age 15–49 who have ever had a husband or intimate partner and have experienced controlling behaviors and various forms of intimate partner violence ever or in the 12 months preceding the survey perpetrated by a husband or intimate partner, Tajikistan DHS 2023

| Type of violence experienced                                                                                              | Ever experienced | Experienced in the past 12 months | Frequency in the past 12 months |           |
|---------------------------------------------------------------------------------------------------------------------------|------------------|-----------------------------------|---------------------------------|-----------|
|                                                                                                                           |                  |                                   | Often                           | Sometimes |
| CONTROLLING BEHAVIORS AND INTIMATE PARTNER VIOLENCE PERPETRATED BY THE CURRENT OR MOST RECENT HUSBAND OR INTIMATE PARTNER |                  |                                   |                                 |           |
| Controlling behavior                                                                                                      |                  |                                   |                                 |           |
| Any controlling behavior                                                                                                  | 79.8             | 77.4                              | 40.7                            | 36.7      |
| Is jealous or angry if she talks to other men                                                                             | 72.8             | 68.3                              | 29.1                            | 39.2      |
| Wrongly accuses her of being unfaithful                                                                                   | 8.4              | 7.6                               | 2.6                             | 5.0       |
| Does not permit her to meet her female friends                                                                            | 24.6             | 23.0                              | 9.2                             | 13.7      |
| Tries to limit her contact with her family                                                                                | 10.0             | 9.3                               | 2.0                             | 7.3       |
| Insists on knowing where she is at all times                                                                              | 56.4             | 54.7                              | 28.5                            | 26.2      |
| Physical violence                                                                                                         |                  |                                   |                                 |           |
| Any physical violence                                                                                                     | 13.5             | 10.9                              | 2.0                             | 8.9       |
| Pushed her, shook her, or threw something at her                                                                          | 6.7              | 5.1                               | 1.0                             | 4.1       |
| Slapped her                                                                                                               | 10.8             | 8.4                               | 1.2                             | 7.2       |
| Twisted her arm or pulled her hair                                                                                        | 4.9              | 3.9                               | 0.8                             | 3.1       |
| Punched her with his fist or with something that could hurt her                                                           | 4.6              | 3.5                               | 0.5                             | 3.1       |
| Kicked her, dragged her, or beat her up                                                                                   | 2.5              | 1.9                               | 0.4                             | 1.4       |
| Tried to choke her or burn her on purpose                                                                                 | 0.3              | 0.2                               | 0.1                             | 0.1       |
| Attacked her with a knife, gun, or other weapon                                                                           | 0.1              | 0.1                               | 0.0                             | 0.0       |
| Sexual violence                                                                                                           |                  |                                   |                                 |           |
| Any sexual violence                                                                                                       | 1.9              | 1.3                               | 0.2                             | 1.1       |
| Physically forced her to have sexual intercourse with him when she did not want to                                        | 1.5              | 1.0                               | 0.2                             | 0.8       |
| Physically forced her to perform any other sexual acts she did not want to                                                | 0.6              | 0.3                               | 0.1                             | 0.3       |
| Forced her with threats or in any other way to perform sexual acts she did not want to                                    | 0.4              | 0.2                               | 0.0                             | 0.2       |
| Emotional violence                                                                                                        |                  |                                   |                                 |           |
| Any emotional violence                                                                                                    | 7.0              | 6.0                               | 1.5                             | 4.5       |
| Said or did something to humiliate her in front of others                                                                 | 5.0              | 4.0                               | 1.2                             | 2.8       |
| Threatened to hurt or harm her or someone she cared about                                                                 | 3.6              | 3.0                               | 0.4                             | 2.6       |
| Insulted her or made her feel bad about herself                                                                           | 3.5              | 2.8                               | 0.4                             | 2.4       |
| At least three forms of controlling behaviors                                                                             | 24.7             | 24.1                              | 15.7                            | 8.4       |
| Any form of physical or sexual violence                                                                                   | 13.9             | 11.3                              | 2.2                             | 9.1       |
| Any form of emotional or physical or sexual violence                                                                      | 16.4             | 13.9                              | 3.1                             | 10.8      |
| INTIMATE PARTNER VIOLENCE PERPETRATED BY ANY CURRENT OR PREVIOUS HUSBAND OR INTIMATE PARTNER                              |                  |                                   |                                 |           |
| Physical violence                                                                                                         | 13.9             | 10.9                              | na                              | na        |
| Sexual violence                                                                                                           | 2.2              | 1.3                               | na                              | na        |
| Emotional violence                                                                                                        | 7.3              | 6.0                               | na                              | na        |
| Any form of physical or sexual violence                                                                                   | 14.3             | 11.3                              | na                              | na        |
| Any form of emotional or physical or sexual violence                                                                      | 16.8             | 13.9                              | na                              | na        |
| Number of ever-married or never-married women who ever had an intimate partner                                            | 5,241            | 5,241                             | 5,241                           | 5,241     |

Note: The term husband includes a partner with whom a woman is living as if married. Husband/intimate partner refers to the current husband for currently married women; the most recent husband for divorced, separated, or widowed women; the current intimate partner for never-married women who currently have an intimate partner; and the most recent intimate partner for never-married women who do not currently have an intimate partner but had one in the past.

na = not available

**Table 13.10 Controlling behaviors of husband/intimate partner by background characteristics**

Percentage of women age 15–49 who have ever had a husband or intimate partner whose husband/intimate partner has ever demonstrated specific types of controlling behaviors, according to background characteristics, Tajikistan DHS 2023

| Background characteristic                       | Percentage of women whose husband/intimate partner: |                                         |                                                |                                            |                                              |                                              |                                         | Number of women who ever had a husband/intimate partner |
|-------------------------------------------------|-----------------------------------------------------|-----------------------------------------|------------------------------------------------|--------------------------------------------|----------------------------------------------|----------------------------------------------|-----------------------------------------|---------------------------------------------------------|
|                                                 | Is jealous or angry if she talks to other men       | Wrongly accuses her of being unfaithful | Does not permit her to meet her female friends | Tries to limit her contact with her family | Insists on knowing where she is at all times | Displays 3 or more of the specific behaviors | Displays none of the specific behaviors |                                                         |
| <b>Age</b>                                      |                                                     |                                         |                                                |                                            |                                              |                                              |                                         |                                                         |
| 15–19                                           | 81.1                                                | 3.5                                     | 28.4                                           | 12.9                                       | 62.4                                         | 30.0                                         | 13.6                                    | 170                                                     |
| 20–24                                           | 78.1                                                | 7.1                                     | 27.1                                           | 9.5                                        | 57.8                                         | 25.7                                         | 16.6                                    | 862                                                     |
| 25–29                                           | 77.3                                                | 8.1                                     | 23.8                                           | 10.2                                       | 57.3                                         | 25.1                                         | 16.9                                    | 994                                                     |
| 30–39                                           | 72.8                                                | 9.5                                     | 26.4                                           | 10.5                                       | 57.3                                         | 26.0                                         | 19.8                                    | 1,921                                                   |
| 40–49                                           | 64.6                                                | 8.2                                     | 20.4                                           | 9.1                                        | 52.7                                         | 20.9                                         | 26.7                                    | 1,294                                                   |
| <b>Residence</b>                                |                                                     |                                         |                                                |                                            |                                              |                                              |                                         |                                                         |
| Urban                                           | 72.9                                                | 9.0                                     | 27.6                                           | 9.5                                        | 54.8                                         | 26.3                                         | 20.0                                    | 1,355                                                   |
| Rural                                           | 72.7                                                | 8.1                                     | 23.6                                           | 10.2                                       | 57.0                                         | 24.1                                         | 20.3                                    | 3,886                                                   |
| <b>Region</b>                                   |                                                     |                                         |                                                |                                            |                                              |                                              |                                         |                                                         |
| Dushanbe                                        | 72.6                                                | 8.2                                     | 28.6                                           | 8.2                                        | 51.5                                         | 24.2                                         | 21.5                                    | 529                                                     |
| GBAO                                            | 41.7                                                | 9.7                                     | 26.1                                           | 5.0                                        | 53.3                                         | 18.3                                         | 35.7                                    | 78                                                      |
| Sughd                                           | 77.9                                                | 4.5                                     | 21.0                                           | 6.1                                        | 73.7                                         | 19.3                                         | 10.1                                    | 1,492                                                   |
| DRS                                             | 64.5                                                | 4.9                                     | 22.2                                           | 13.4                                       | 42.2                                         | 27.6                                         | 32.0                                    | 1,259                                                   |
| Khatlon                                         | 75.5                                                | 13.7                                    | 27.9                                           | 11.6                                       | 53.7                                         | 27.4                                         | 19.4                                    | 1,884                                                   |
| <b>FTF districts</b>                            | 74.2                                                | 9.6                                     | 25.1                                           | 4.7                                        | 50.9                                         | 22.8                                         | 19.7                                    | 1,072                                                   |
| <b>Marital status</b>                           |                                                     |                                         |                                                |                                            |                                              |                                              |                                         |                                                         |
| Never married                                   | *                                                   | *                                       | *                                              | *                                          | *                                            | *                                            | *                                       | 8                                                       |
| Currently has intimate partner                  | *                                                   | *                                       | *                                              | *                                          | *                                            | *                                            | *                                       | 7                                                       |
| Had intimate partner                            | *                                                   | *                                       | *                                              | *                                          | *                                            | *                                            | *                                       | 2                                                       |
| Ever married                                    | 72.8                                                | 8.3                                     | 24.6                                           | 10.0                                       | 56.5                                         | 24.7                                         | 20.2                                    | 5,233                                                   |
| Currently married or living together            | 74.1                                                | 7.6                                     | 24.6                                           | 9.4                                        | 57.1                                         | 24.3                                         | 19.0                                    | 4,890                                                   |
| Divorced/separated/widowed                      | 54.7                                                | 19.5                                    | 25.1                                           | 18.5                                       | 47.8                                         | 29.7                                         | 37.4                                    | 342                                                     |
| <b>Education</b>                                |                                                     |                                         |                                                |                                            |                                              |                                              |                                         |                                                         |
| None/primary                                    | 70.2                                                | 10.3                                    | 30.2                                           | 16.0                                       | 54.4                                         | 29.8                                         | 24.0                                    | 243                                                     |
| General basic                                   | 72.0                                                | 8.8                                     | 26.7                                           | 8.2                                        | 54.6                                         | 26.4                                         | 21.5                                    | 1,597                                                   |
| General secondary                               | 72.1                                                | 7.2                                     | 21.5                                           | 10.2                                       | 56.4                                         | 22.0                                         | 20.1                                    | 2,416                                                   |
| Professional                                    |                                                     |                                         |                                                |                                            |                                              |                                              |                                         |                                                         |
| primary/middle                                  | 76.5                                                | 8.7                                     | 23.9                                           | 9.9                                        | 56.9                                         | 24.5                                         | 18.2                                    | 396                                                     |
| Higher                                          | 76.2                                                | 10.6                                    | 29.7                                           | 11.8                                       | 61.9                                         | 28.6                                         | 17.3                                    | 588                                                     |
| <b>Wealth quintile</b>                          |                                                     |                                         |                                                |                                            |                                              |                                              |                                         |                                                         |
| Lowest                                          | 72.4                                                | 9.6                                     | 22.9                                           | 7.8                                        | 48.8                                         | 21.9                                         | 21.2                                    | 1,007                                                   |
| Second                                          | 72.4                                                | 9.7                                     | 24.7                                           | 10.6                                       | 56.6                                         | 24.7                                         | 20.2                                    | 1,041                                                   |
| Middle                                          | 71.5                                                | 8.3                                     | 26.1                                           | 10.8                                       | 60.0                                         | 25.9                                         | 20.0                                    | 1,020                                                   |
| Fourth                                          | 72.7                                                | 6.4                                     | 21.2                                           | 12.3                                       | 60.1                                         | 24.3                                         | 20.8                                    | 1,110                                                   |
| Highest                                         | 74.8                                                | 7.9                                     | 28.4                                           | 8.4                                        | 56.2                                         | 26.4                                         | 18.9                                    | 1,062                                                   |
| <b>Woman afraid of husband/intimate partner</b> |                                                     |                                         |                                                |                                            |                                              |                                              |                                         |                                                         |
| Afraid most of the time                         | 89.1                                                | 16.1                                    | 40.3                                           | 16.9                                       | 78.4                                         | 42.1                                         | 5.6                                     | 1,268                                                   |
| Sometimes afraid                                | 71.3                                                | 6.4                                     | 21.3                                           | 8.9                                        | 52.0                                         | 21.3                                         | 21.3                                    | 3,221                                                   |
| Never afraid                                    | 51.6                                                | 3.8                                     | 12.5                                           | 3.3                                        | 38.1                                         | 9.7                                          | 40.2                                    | 752                                                     |
| <b>Total</b>                                    | 72.8                                                | 8.4                                     | 24.6                                           | 10.0                                       | 56.4                                         | 24.7                                         | 20.2                                    | 5,241                                                   |

Note: The term husband includes a partner with whom a woman is living as if married. Husband/intimate partner refers to the current husband for currently married women; the most recent husband for divorced, separated, or widowed women; the current intimate partner for never-married women who currently have an intimate partner; and the most recent intimate partner for never-married women who do not currently have an intimate partner but had one in the past. An asterisk indicates that a figure is based on fewer than 25 unweighted cases and has been suppressed.

**Table 13.11 Intimate partner violence by background characteristics**

Percentage of women age 15–49 who have ever had a husband or intimate partner and have ever experienced emotional, physical, or sexual violence committed by their current or most recent husband/intimate partner, according to background characteristics, Tajikistan DHS 2023

| Background characteristic            | Emotional violence | Physical violence | Sexual violence | Physical and sexual | Physical and sexual and emotional | Physical or sexual | Physical or sexual or emotional | Number of women who ever had a husband/intimate partner |
|--------------------------------------|--------------------|-------------------|-----------------|---------------------|-----------------------------------|--------------------|---------------------------------|---------------------------------------------------------|
| <b>Age</b>                           |                    |                   |                 |                     |                                   |                    |                                 |                                                         |
| 15–19                                | 3.2                | 11.7              | 0.1             | 0.1                 | 0.1                               | 11.7               | 12.5                            | 170                                                     |
| 20–24                                | 3.6                | 10.7              | 1.5             | 1.0                 | 0.9                               | 11.2               | 11.9                            | 862                                                     |
| 25–29                                | 6.8                | 11.5              | 1.7             | 0.9                 | 0.5                               | 12.3               | 15.9                            | 994                                                     |
| 30–39                                | 9.1                | 16.7              | 2.3             | 2.0                 | 1.6                               | 17.0               | 19.5                            | 1,921                                                   |
| 40–49                                | 6.8                | 12.4              | 2.0             | 1.8                 | 1.1                               | 12.6               | 15.6                            | 1,294                                                   |
| <b>Residence</b>                     |                    |                   |                 |                     |                                   |                    |                                 |                                                         |
| Urban                                | 8.3                | 13.1              | 2.1             | 1.8                 | 1.4                               | 13.4               | 16.4                            | 1,355                                                   |
| Rural                                | 6.6                | 13.6              | 1.8             | 1.4                 | 1.0                               | 14.0               | 16.4                            | 3,886                                                   |
| <b>Region</b>                        |                    |                   |                 |                     |                                   |                    |                                 |                                                         |
| Dushanbe                             | 7.8                | 8.2               | 1.6             | 1.0                 | 1.0                               | 8.8                | 12.2                            | 529                                                     |
| GBAO                                 | 8.2                | 17.6              | 1.5             | 1.0                 | 0.7                               | 18.1               | 19.2                            | 78                                                      |
| Sughd                                | 7.2                | 9.9               | 2.2             | 1.8                 | 1.5                               | 10.2               | 13.4                            | 1,492                                                   |
| DRS                                  | 5.0                | 8.1               | 1.2             | 0.9                 | 0.8                               | 8.3                | 10.0                            | 1,259                                                   |
| Khatlon                              | 7.9                | 21.3              | 2.3             | 1.8                 | 1.0                               | 21.7               | 24.1                            | 1,884                                                   |
| <b>FTF districts</b>                 | 2.5                | 14.7              | 0.3             | 0.1                 | 0.1                               | 14.9               | 16.0                            | 1,072                                                   |
| <b>Marital status</b>                |                    |                   |                 |                     |                                   |                    |                                 |                                                         |
| Never married                        | *                  | *                 | *               | *                   | *                                 | *                  | *                               | 8                                                       |
| Currently has intimate partner       | *                  | *                 | *               | *                   | *                                 | *                  | *                               | 7                                                       |
| Had intimate partner                 | *                  | *                 | *               | *                   | *                                 | *                  | *                               | 2                                                       |
| Ever married                         | 7.0                | 13.5              | 1.9             | 1.5                 | 1.1                               | 13.9               | 16.4                            | 5,233                                                   |
| Currently married or living together | 6.0                | 12.6              | 1.4             | 1.1                 | 0.6                               | 12.9               | 15.4                            | 4,890                                                   |
| Divorced/separated/widowed           | 20.8               | 26.5              | 9.5             | 8.0                 | 8.0                               | 28.0               | 31.1                            | 342                                                     |
| <b>Employment</b>                    |                    |                   |                 |                     |                                   |                    |                                 |                                                         |
| Employed for cash                    | 14.3               | 19.9              | 4.7             | 4.1                 | 3.4                               | 20.5               | 24.3                            | 1,131                                                   |
| Employed not for cash                | 6.4                | 16.2              | 3.3             | 2.7                 | 0.5                               | 16.8               | 21.4                            | 174                                                     |
| Not employed                         | 5.0                | 11.5              | 1.1             | 0.7                 | 0.5                               | 11.9               | 13.9                            | 3,936                                                   |
| <b>Education</b>                     |                    |                   |                 |                     |                                   |                    |                                 |                                                         |
| None/primary                         | 8.3                | 14.6              | 1.2             | 1.2                 | 1.2                               | 14.6               | 17.3                            | 243                                                     |
| General basic                        | 8.1                | 15.3              | 2.1             | 1.9                 | 1.6                               | 15.5               | 18.4                            | 1,597                                                   |
| General secondary                    | 5.1                | 11.9              | 1.9             | 1.3                 | 0.7                               | 12.5               | 14.5                            | 2,416                                                   |
| Professional                         |                    |                   |                 |                     |                                   |                    |                                 |                                                         |
| primary/middle                       | 9.8                | 14.9              | 2.1             | 1.6                 | 1.5                               | 15.3               | 17.6                            | 396                                                     |
| Higher                               | 9.5                | 13.7              | 1.6             | 1.4                 | 1.0                               | 13.8               | 17.6                            | 588                                                     |
| <b>Wealth quintile</b>               |                    |                   |                 |                     |                                   |                    |                                 |                                                         |
| Lowest                               | 7.1                | 13.1              | 1.9             | 1.4                 | 1.1                               | 13.5               | 16.5                            | 1,007                                                   |
| Second                               | 7.7                | 15.3              | 1.7             | 1.3                 | 1.3                               | 15.7               | 18.4                            | 1,041                                                   |
| Middle                               | 6.5                | 15.2              | 2.3             | 1.9                 | 1.1                               | 15.7               | 18.1                            | 1,020                                                   |
| Fourth                               | 6.0                | 12.1              | 1.8             | 1.5                 | 0.6                               | 12.5               | 14.3                            | 1,110                                                   |
| Highest                              | 7.8                | 11.9              | 1.8             | 1.5                 | 1.3                               | 12.2               | 14.8                            | 1,062                                                   |
| <b>Total</b>                         | 7.0                | 13.5              | 1.9             | 1.5                 | 1.1                               | 13.9               | 16.4                            | 5,241                                                   |

Note: The term husband includes a partner with whom a woman is living as if married. Husband/intimate partner refers to the current husband for currently married women; the most recent husband for divorced, separated, or widowed women; the current intimate partner for never-married women who currently have an intimate partner; and the most recent intimate partner for never-married women who do not currently have an intimate partner but had one in the past. An asterisk indicates that a figure is based on fewer than 25 unweighted cases and has been suppressed.

**Table 13.12 Intimate partner violence by husband's/intimate partner's characteristics and women's empowerment indicators**

Percentage of women age 15–49 who have ever had a husband or intimate partner and have ever experienced emotional, physical, or sexual violence committed by their current or most recent husband/intimate partner, according to the husband's/intimate partner's characteristics and women's empowerment indicators, Tajikistan DHS 2023

| Background characteristic                                                                | Emotional violence | Physical violence | Sexual violence | Physical and sexual | Physical and sexual and emotional | Physical or sexual | Physical or sexual or emotional | Number of women who ever had a husband/intimate partner |
|------------------------------------------------------------------------------------------|--------------------|-------------------|-----------------|---------------------|-----------------------------------|--------------------|---------------------------------|---------------------------------------------------------|
| <b>Husband's/intimate partner's alcohol consumption</b>                                  |                    |                   |                 |                     |                                   |                    |                                 |                                                         |
| Does not drink alcohol                                                                   | 5.1                | 11.0              | 0.9             | 0.6                 | 0.3                               | 11.3               | 13.5                            | 4,806                                                   |
| Drinks alcohol but is never drunk                                                        | *                  | *                 | *               | *                   | *                                 | *                  | *                               | 4                                                       |
| Is sometimes drunk                                                                       | 26.6               | 37.3              | 11.4            | 10.5                | 8.6                               | 38.1               | 43.9                            | 372                                                     |
| Is often drunk                                                                           | 39.6               | 69.3              | 24.8            | 21.5                | 14.8                              | 72.5               | 75.9                            | 59                                                      |
| <b>Husband's education<sup>1</sup></b>                                                   |                    |                   |                 |                     |                                   |                    |                                 |                                                         |
| None/primary                                                                             | 3.9                | 12.1              | 0.0             | 0.0                 | 0.0                               | 12.1               | 12.1                            | 80                                                      |
| General basic                                                                            | 9.0                | 11.6              | 3.1             | 2.4                 | 1.8                               | 12.3               | 16.1                            | 641                                                     |
| General secondary                                                                        | 5.7                | 13.2              | 1.9             | 1.4                 | 1.0                               | 13.6               | 15.7                            | 2,757                                                   |
| Professional primary/middle                                                              | 8.2                | 15.3              | 1.8             | 1.8                 | 1.2                               | 15.3               | 18.9                            | 345                                                     |
| Higher                                                                                   | 8.5                | 14.7              | 1.6             | 1.4                 | 1.0                               | 14.9               | 17.5                            | 1,417                                                   |
| <b>Spousal education difference<sup>1</sup></b>                                          |                    |                   |                 |                     |                                   |                    |                                 |                                                         |
| Husband has more education                                                               | 7.8                | 15.3              | 1.5             | 1.3                 | 0.8                               | 15.5               | 18.5                            | 2,236                                                   |
| Wife has more education                                                                  | 5.7                | 11.2              | 1.7             | 1.4                 | 0.8                               | 11.5               | 13.9                            | 748                                                     |
| Both have equal education                                                                | 4.1                | 10.0              | 1.2             | 0.7                 | 0.3                               | 10.5               | 12.3                            | 1,900                                                   |
| Neither has any education                                                                | *                  | *                 | *               | *                   | *                                 | *                  | *                               | 5                                                       |
| <b>Spousal age difference<sup>1</sup></b>                                                |                    |                   |                 |                     |                                   |                    |                                 |                                                         |
| Wife older                                                                               | 8.0                | 13.6              | 2.3             | 2.2                 | 1.9                               | 13.7               | 15.7                            | 212                                                     |
| Wife is same age                                                                         | 6.4                | 15.9              | 0.7             | 0.7                 | 0.2                               | 15.9               | 17.8                            | 403                                                     |
| Wife 1–4 years younger                                                                   | 5.5                | 11.6              | 1.1             | 0.8                 | 0.5                               | 11.9               | 14.0                            | 2,403                                                   |
| Wife 5–9 years younger                                                                   | 5.4                | 12.0              | 1.1             | 0.8                 | 0.3                               | 12.3               | 15.3                            | 1,561                                                   |
| Wife 10 or more years younger                                                            | 11.1               | 18.2              | 4.8             | 3.9                 | 2.6                               | 19.1               | 22.6                            | 311                                                     |
| <b>Number of decisions in which woman participates<sup>2</sup></b>                       |                    |                   |                 |                     |                                   |                    |                                 |                                                         |
| 0                                                                                        | 5.4                | 11.7              | 0.7             | 0.5                 | 0.3                               | 11.9               | 14.3                            | 1,929                                                   |
| 1–2                                                                                      | 6.6                | 13.0              | 1.5             | 1.3                 | 1.0                               | 13.2               | 15.4                            | 1,229                                                   |
| 3                                                                                        | 6.3                | 13.3              | 2.0             | 1.5                 | 0.6                               | 13.8               | 16.5                            | 1,732                                                   |
| <b>Number of controlling behaviors displayed by husband/intimate partner<sup>3</sup></b> |                    |                   |                 |                     |                                   |                    |                                 |                                                         |
| 0                                                                                        | 0.8                | 2.2               | 0.4             | 0.0                 | 0.0                               | 2.5                | 3.0                             | 1,060                                                   |
| 1–2                                                                                      | 3.0                | 11.1              | 1.3             | 0.9                 | 0.3                               | 11.5               | 12.7                            | 2,888                                                   |
| 3–4                                                                                      | 14.3               | 24.8              | 3.9             | 3.5                 | 3.0                               | 25.2               | 29.9                            | 1,120                                                   |
| 5                                                                                        | 64.6               | 50.2              | 8.7             | 8.2                 | 8.2                               | 50.8               | 72.5                            | 172                                                     |
| <b>Number of reasons for which wife beating is justified<sup>4</sup></b>                 |                    |                   |                 |                     |                                   |                    |                                 |                                                         |
| 0                                                                                        | 4.3                | 7.4               | 1.3             | 1.0                 | 0.6                               | 7.7                | 9.2                             | 2,429                                                   |
| 1–2                                                                                      | 9.0                | 14.2              | 2.6             | 1.8                 | 1.4                               | 15.1               | 19.7                            | 805                                                     |
| 3–4                                                                                      | 9.1                | 20.5              | 2.6             | 2.6                 | 2.0                               | 20.5               | 22.7                            | 1,139                                                   |
| 5                                                                                        | 10.1               | 20.7              | 2.0             | 1.3                 | 1.0                               | 21.4               | 25.1                            | 868                                                     |
| <b>Woman's father beat mother</b>                                                        |                    |                   |                 |                     |                                   |                    |                                 |                                                         |
| Yes                                                                                      | 27.3               | 43.2              | 7.0             | 6.3                 | 4.8                               | 43.8               | 50.0                            | 326                                                     |
| No                                                                                       | 5.7                | 11.3              | 1.5             | 1.2                 | 0.8                               | 11.7               | 13.9                            | 4,537                                                   |
| Don't know                                                                               | 5.1                | 13.8              | 2.3             | 1.3                 | 1.1                               | 14.8               | 17.0                            | 378                                                     |
| <b>Woman afraid of husband/intimate partner</b>                                          |                    |                   |                 |                     |                                   |                    |                                 |                                                         |
| Afraid most of the time                                                                  | 15.6               | 26.3              | 4.6             | 4.1                 | 3.5                               | 26.7               | 30.4                            | 1,268                                                   |
| Sometimes afraid                                                                         | 4.8                | 10.8              | 1.2             | 0.8                 | 0.4                               | 11.2               | 13.5                            | 3,221                                                   |
| Never afraid                                                                             | 1.9                | 3.5               | 0.3             | 0.2                 | 0.2                               | 3.5                | 5.0                             | 752                                                     |
| Total                                                                                    | 7.0                | 13.5              | 1.9             | 1.5                 | 1.1                               | 13.9               | 16.4                            | 5,241                                                   |

Note: The term husband includes a partner with whom a woman is living as if married. Husband/intimate partner refers to the current husband for currently married women; the most recent husband for divorced, separated, or widowed women; the current intimate partner for never-married women who currently have an intimate partner; and the most recent intimate partner for never-married women who do not currently have an intimate partner but had one in the past. Total includes 1 woman whose husband's education and spousal education difference are missing. An asterisk indicates that a figure is based on fewer than 25 unweighted cases and has been suppressed.

<sup>1</sup> Includes only currently married women

<sup>2</sup> According to the wife's report. Includes only currently married women. See Table 14.7 for list of decisions.

<sup>3</sup> According to the woman's report. See Table 13.9 for list of behaviors.

<sup>4</sup> According to the woman's report. See Table 14.8 for list of reasons.

**Table 13.13 Violence by any husband or intimate partner in the past 12 months**

Percentage of women age 15–49 who have ever had a husband or intimate partner and experienced emotional, physical, or sexual violence by any husband/intimate partner in the past 12 months, according to background characteristics, Tajikistan DHS 2023

| Background characteristic            | Emotional violence | Physical violence | Sexual violence | Physical and sexual | Physical and sexual and emotional | Physical or sexual | Physical or sexual or emotional | Number of women who ever had a husband/intimate partner |
|--------------------------------------|--------------------|-------------------|-----------------|---------------------|-----------------------------------|--------------------|---------------------------------|---------------------------------------------------------|
| <b>Age</b>                           |                    |                   |                 |                     |                                   |                    |                                 |                                                         |
| 15–19                                | 3.2                | 11.7              | 0.1             | 0.1                 | 0.1                               | 11.7               | 12.5                            | 170                                                     |
| 20–24                                | 3.0                | 9.3               | 1.2             | 0.7                 | 0.6                               | 9.8                | 10.6                            | 862                                                     |
| 25–29                                | 6.3                | 10.3              | 1.2             | 0.7                 | 0.4                               | 10.8               | 14.3                            | 994                                                     |
| 30–39                                | 7.9                | 12.8              | 1.5             | 1.1                 | 0.8                               | 13.2               | 16.5                            | 1,921                                                   |
| 40–49                                | 5.3                | 9.6               | 1.3             | 1.2                 | 0.4                               | 9.7                | 12.2                            | 1,294                                                   |
| <b>Residence</b>                     |                    |                   |                 |                     |                                   |                    |                                 |                                                         |
| Urban                                | 6.8                | 10.3              | 1.6             | 1.2                 | 0.9                               | 10.7               | 13.8                            | 1,355                                                   |
| Rural                                | 5.7                | 11.1              | 1.2             | 0.9                 | 0.5                               | 11.5               | 13.9                            | 3,886                                                   |
| <b>Region</b>                        |                    |                   |                 |                     |                                   |                    |                                 |                                                         |
| Dushanbe                             | 6.4                | 6.1               | 0.9             | 0.3                 | 0.2                               | 6.6                | 10.2                            | 529                                                     |
| GBAO                                 | 5.8                | 13.0              | 1.3             | 0.5                 | 0.3                               | 13.8               | 15.1                            | 78                                                      |
| Sughd                                | 5.4                | 6.1               | 0.9             | 0.7                 | 0.4                               | 6.4                | 9.5                             | 1,492                                                   |
| DRS                                  | 4.0                | 6.3               | 0.9             | 0.7                 | 0.5                               | 6.6                | 8.1                             | 1,259                                                   |
| Khatlon                              | 7.7                | 19.0              | 2.0             | 1.5                 | 0.9                               | 19.5               | 22.2                            | 1,884                                                   |
| <b>FTF districts</b>                 | 2.2                | 13.0              | 0.3             | 0.1                 | 0.1                               | 13.2               | 14.2                            | 1,072                                                   |
| <b>Marital status</b>                |                    |                   |                 |                     |                                   |                    |                                 |                                                         |
| Never married                        | *                  | *                 | *               | *                   | *                                 | *                  | *                               | 8                                                       |
| Currently has intimate partner       | *                  | *                 | *               | *                   | *                                 | *                  | *                               | 7                                                       |
| Had intimate partner                 | *                  | *                 | *               | *                   | *                                 | *                  | *                               | 2                                                       |
| Ever married                         | 6.0                | 10.9              | 1.3             | 0.9                 | 0.6                               | 11.3               | 13.9                            | 5,233                                                   |
| Currently married or living together | 5.6                | 10.6              | 1.2             | 0.8                 | 0.4                               | 10.9               | 13.6                            | 4,890                                                   |
| Divorced/separated/widowed           | 11.4               | 16.0              | 2.5             | 2.3                 | 2.3                               | 16.2               | 18.2                            | 342                                                     |
| <b>Education</b>                     |                    |                   |                 |                     |                                   |                    |                                 |                                                         |
| None/primary                         | 7.1                | 12.7              | 1.2             | 1.2                 | 1.2                               | 12.7               | 14.9                            | 243                                                     |
| General basic                        | 7.2                | 13.1              | 1.3             | 1.1                 | 0.9                               | 13.2               | 16.2                            | 1,597                                                   |
| General secondary                    | 4.2                | 9.7               | 1.4             | 0.9                 | 0.4                               | 10.1               | 12.1                            | 2,416                                                   |
| Professional                         |                    |                   |                 |                     |                                   |                    |                                 |                                                         |
| primary/middle                       | 8.4                | 10.6              | 1.1             | 0.1                 | 0.0                               | 11.5               | 14.6                            | 396                                                     |
| Higher                               | 8.0                | 9.5               | 1.3             | 0.9                 | 0.6                               | 9.9                | 14.0                            | 588                                                     |
| <b>Wealth quintile</b>               |                    |                   |                 |                     |                                   |                    |                                 |                                                         |
| Lowest                               | 5.8                | 11.3              | 1.3             | 0.8                 | 0.5                               | 11.7               | 14.5                            | 1,007                                                   |
| Second                               | 6.8                | 13.2              | 0.9             | 0.6                 | 0.6                               | 13.5               | 16.2                            | 1,041                                                   |
| Middle                               | 6.0                | 13.0              | 1.5             | 1.3                 | 0.6                               | 13.1               | 15.7                            | 1,020                                                   |
| Fourth                               | 5.2                | 9.4               | 1.6             | 1.0                 | 0.4                               | 10.0               | 11.6                            | 1,110                                                   |
| Highest                              | 6.2                | 8.0               | 1.2             | 0.9                 | 0.8                               | 8.3                | 11.6                            | 1,062                                                   |
| <b>Total</b>                         | 6.0                | 10.9              | 1.3             | 0.9                 | 0.6                               | 11.3               | 13.9                            | 5,241                                                   |

Note: The term husband includes a partner with whom a woman is living as if married. Any husband/intimate partner includes all current, most recent, and former husbands for ever-married women and all current, most recent, and former intimate partners for never-married women. An asterisk indicates that a figure is based on fewer than 25 unweighted cases and has been suppressed.

**Table 13.14 Injuries to women due to intimate partner violence**

Among women age 15–49 who have ever had a husband or intimate partner and have experienced violence committed by their current or most recent husband/intimate partner, percentage who have been injured as a result of the violence, by types of injuries, according to type of violence, Tajikistan DHS 2023

| Type of violence experienced                   | Cuts, bruises, or aches | Eye injuries, sprains, dislocations, or burns | Deep wounds, broken bones, broken teeth, or any other serious injury | Any of these injuries | Number of women who have experienced specified type of violence |
|------------------------------------------------|-------------------------|-----------------------------------------------|----------------------------------------------------------------------|-----------------------|-----------------------------------------------------------------|
| <b>Physical violence<sup>1</sup></b>           |                         |                                               |                                                                      |                       |                                                                 |
| Ever <sup>2</sup>                              | 30.7                    | 11.8                                          | 3.7                                                                  | 31.8                  | 707                                                             |
| Past 12 months                                 | 29.8                    | 11.1                                          | 3.3                                                                  | 31.0                  | 572                                                             |
| <b>Sexual violence</b>                         |                         |                                               |                                                                      |                       |                                                                 |
| Ever <sup>2</sup>                              | 50.4                    | 19.0                                          | 6.5                                                                  | 50.7                  | 100                                                             |
| Past 12 months                                 | 39.1                    | 13.2                                          | 2.2                                                                  | 39.6                  | 68                                                              |
| <b>Physical or sexual violence<sup>1</sup></b> |                         |                                               |                                                                      |                       |                                                                 |
| Ever <sup>2</sup>                              | 29.8                    | 11.5                                          | 3.5                                                                  | 30.9                  | 728                                                             |
| Past 12 months                                 | 28.8                    | 10.8                                          | 3.2                                                                  | 30.1                  | 590                                                             |

Note: The term husband includes a partner with whom a woman is living as if married. Husband/intimate partner refers to the current husband for currently married women; the most recent husband for divorced, separated, or widowed women; the current intimate partner for never-married women who currently have an intimate partner; and the most recent intimate partner for never-married women who do not currently have an intimate partner but had one in the past.

<sup>1</sup> Excludes women who reported violence only in response to a direct question on violence during pregnancy

<sup>2</sup> Includes in the past 12 months



**Table 13.15 Violence by women against their husband/intimate partner by women's background characteristics**

Percentage of women age 15–49 who have ever had a husband or intimate partner and have committed physical violence against their current or most recent husband/intimate partner when he was not already beating or physically hurting them, ever and in the past 12 months, according to women's own experience of intimate partner violence and background characteristics, Tajikistan DHS 2023

| Background characteristic                                       | Percentage who committed physical violence against their husband/intimate partner |                | Number of women who ever had a husband/intimate partner |
|-----------------------------------------------------------------|-----------------------------------------------------------------------------------|----------------|---------------------------------------------------------|
|                                                                 | Ever <sup>1</sup>                                                                 | Past 12 months |                                                         |
| <b>Women's experience of physical intimate partner violence</b> |                                                                                   |                |                                                         |
| Ever <sup>1</sup>                                               | 2.8                                                                               | 2.6            | 707                                                     |
| In the past 12 months                                           | 3.3                                                                               | 3.2            | 572                                                     |
| Never                                                           | 0.2                                                                               | 0.2            | 4,534                                                   |
| <b>Age</b>                                                      |                                                                                   |                |                                                         |
| 15–19                                                           | 0.1                                                                               | 0.1            | 170                                                     |
| 20–24                                                           | 0.7                                                                               | 0.7            | 862                                                     |
| 25–29                                                           | 0.1                                                                               | 0.1            | 994                                                     |
| 30–39                                                           | 0.9                                                                               | 0.8            | 1,921                                                   |
| 40–49                                                           | 0.4                                                                               | 0.4            | 1,294                                                   |
| <b>Residence</b>                                                |                                                                                   |                |                                                         |
| Urban                                                           | 0.7                                                                               | 0.5            | 1,355                                                   |
| Rural                                                           | 0.5                                                                               | 0.5            | 3,886                                                   |
| <b>Region</b>                                                   |                                                                                   |                |                                                         |
| Dushanbe                                                        | 0.7                                                                               | 0.6            | 529                                                     |
| GBAO                                                            | 2.0                                                                               | 1.7            | 78                                                      |
| Sughd                                                           | 0.3                                                                               | 0.2            | 1,492                                                   |
| DRS                                                             | 0.5                                                                               | 0.4            | 1,259                                                   |
| Khatlon                                                         | 0.7                                                                               | 0.7            | 1,884                                                   |
| <b>FTF districts</b>                                            | 0.2                                                                               | 0.2            | 1,072                                                   |
| <b>Marital status</b>                                           |                                                                                   |                |                                                         |
| Never married                                                   | *                                                                                 | *              | 8                                                       |
| Currently has intimate partner                                  | *                                                                                 | *              | 7                                                       |
| Had intimate partner                                            | *                                                                                 | *              | 2                                                       |
| Ever married                                                    | 0.5                                                                               | 0.5            | 5,233                                                   |
| Currently married or living together                            | 0.6                                                                               | 0.5            | 4,890                                                   |
| Divorced/separated/widowed                                      | 0.1                                                                               | 0.0            | 342                                                     |
| <b>Employment</b>                                               |                                                                                   |                |                                                         |
| Employed for cash                                               | 1.4                                                                               | 1.3            | 1,131                                                   |
| Employed not for cash                                           | 0.0                                                                               | 0.0            | 174                                                     |
| Not employed                                                    | 0.3                                                                               | 0.3            | 3,936                                                   |
| <b>Education</b>                                                |                                                                                   |                |                                                         |
| None/primary                                                    | 0.5                                                                               | 0.5            | 243                                                     |
| General basic                                                   | 0.4                                                                               | 0.4            | 1,597                                                   |
| General secondary                                               | 0.5                                                                               | 0.4            | 2,416                                                   |
| Professional primary/middle                                     | 0.5                                                                               | 0.5            | 396                                                     |
| Higher                                                          | 1.5                                                                               | 1.4            | 588                                                     |
| <b>Wealth quintile</b>                                          |                                                                                   |                |                                                         |
| Lowest                                                          | 0.1                                                                               | 0.1            | 1,007                                                   |
| Second                                                          | 0.3                                                                               | 0.3            | 1,041                                                   |
| Middle                                                          | 1.4                                                                               | 1.4            | 1,020                                                   |
| Fourth                                                          | 0.6                                                                               | 0.5            | 1,110                                                   |
| Highest                                                         | 0.3                                                                               | 0.3            | 1,062                                                   |
| Total                                                           | 0.5                                                                               | 0.5            | 5,241                                                   |

Note: The term husband includes a partner with whom a woman is living as if married. Husband/intimate partner refers to the current husband for currently married women; the most recent husband for divorced, separated, or widowed women; the current intimate partner for never-married women who currently have an intimate partner; and the most recent intimate partner for never-married women who do not currently have an intimate partner but had one in the past. An asterisk indicates that a figure is based on fewer than 25 unweighted cases and has been suppressed.

<sup>1</sup> Includes in the past 12 months

**Table 13.16 Violence by women against their husband/intimate partner by husband's/intimate partner's characteristics and women's empowerment indicators**

Percentage of women age 15–49 who have ever had a husband or intimate partner and have committed physical violence against their current or most recent husband/intimate partner when he was not already beating or physically hurting them, ever and in the past 12 months, according to their husband's/intimate partner's characteristics and women's empowerment indicators, Tajikistan DHS 2023

| Background characteristic                                                                | Percentage who committed physical violence against their husband/intimate partner |                | Number of women who ever had a husband/intimate partner |
|------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|----------------|---------------------------------------------------------|
|                                                                                          | Ever <sup>1</sup>                                                                 | Past 12 months |                                                         |
| <b>Husband's/intimate partner's alcohol consumption</b>                                  |                                                                                   |                |                                                         |
| Does not drink alcohol                                                                   | 0.4                                                                               | 0.4            | 4,806                                                   |
| Drinks alcohol but is never drunk                                                        | *                                                                                 | *              | 4                                                       |
| Is sometimes drunk                                                                       | 2.4                                                                               | 2.0            | 372                                                     |
| Is often drunk                                                                           | 2.8                                                                               | 2.4            | 59                                                      |
| <b>Husband's education<sup>2</sup></b>                                                   |                                                                                   |                |                                                         |
| None/primary                                                                             | 0.0                                                                               | 0.0            | 80                                                      |
| General basic                                                                            | 0.9                                                                               | 0.8            | 641                                                     |
| General secondary                                                                        | 0.4                                                                               | 0.3            | 2,757                                                   |
| Professional primary/middle                                                              | 1.3                                                                               | 1.3            | 345                                                     |
| Higher                                                                                   | 0.6                                                                               | 0.5            | 1,417                                                   |
| <b>Spousal education difference<sup>2</sup></b>                                          |                                                                                   |                |                                                         |
| Husband has more education                                                               | 0.5                                                                               | 0.5            | 2,236                                                   |
| Wife has more education                                                                  | 1.3                                                                               | 1.3            | 748                                                     |
| Both have equal education                                                                | 0.4                                                                               | 0.3            | 1,900                                                   |
| Neither has any education                                                                | *                                                                                 | *              | 5                                                       |
| <b>Spousal age difference<sup>2</sup></b>                                                |                                                                                   |                |                                                         |
| Wife older                                                                               | 1.4                                                                               | 1.4            | 212                                                     |
| Wife is same age                                                                         | 0.4                                                                               | 0.4            | 403                                                     |
| Wife 1–4 years younger                                                                   | 0.5                                                                               | 0.5            | 2,403                                                   |
| Wife 5–9 years younger                                                                   | 0.6                                                                               | 0.5            | 1,561                                                   |
| Wife 10 or more years younger                                                            | 1.2                                                                               | 1.0            | 311                                                     |
| <b>Number of decisions in which woman participates<sup>3</sup></b>                       |                                                                                   |                |                                                         |
| 0                                                                                        | 0.5                                                                               | 0.5            | 1,929                                                   |
| 1–2                                                                                      | 0.7                                                                               | 0.7            | 1,229                                                   |
| 3                                                                                        | 0.6                                                                               | 0.5            | 1,732                                                   |
| <b>Number of controlling behaviors displayed by husband/intimate partner<sup>4</sup></b> |                                                                                   |                |                                                         |
| 0                                                                                        | 0.2                                                                               | 0.1            | 1,060                                                   |
| 1–2                                                                                      | 0.3                                                                               | 0.3            | 2,888                                                   |
| 3–4                                                                                      | 1.4                                                                               | 1.3            | 1,120                                                   |
| 5                                                                                        | 1.4                                                                               | 1.2            | 172                                                     |
| <b>Number of reasons for which wife beating is justified<sup>5</sup></b>                 |                                                                                   |                |                                                         |
| 0                                                                                        | 0.2                                                                               | 0.1            | 2,429                                                   |
| 1–2                                                                                      | 1.3                                                                               | 1.3            | 805                                                     |
| 3–4                                                                                      | 0.8                                                                               | 0.8            | 1,139                                                   |
| 5                                                                                        | 0.4                                                                               | 0.4            | 868                                                     |
| <b>Woman's father beat mother</b>                                                        |                                                                                   |                |                                                         |
| Yes                                                                                      | 4.5                                                                               | 4.2            | 326                                                     |
| No                                                                                       | 0.3                                                                               | 0.2            | 4,537                                                   |
| Don't know                                                                               | 0.7                                                                               | 0.6            | 378                                                     |
| <b>Woman afraid of husband/intimate partner</b>                                          |                                                                                   |                |                                                         |
| Afraid most of the time                                                                  | 1.9                                                                               | 1.8            | 1,268                                                   |
| Sometimes afraid                                                                         | 0.1                                                                               | 0.1            | 3,221                                                   |
| Never afraid                                                                             | 0.1                                                                               | 0.0            | 752                                                     |
| Total                                                                                    | 0.5                                                                               | 0.5            | 5,241                                                   |

Note: The term husband includes a partner with whom a woman is living as if married. Husband/intimate partner refers to the current husband for currently married women; the most recent husband for divorced, separated, or widowed women; the current intimate partner for never-married women who currently have an intimate partner; and the most recent intimate partner for never-married women who do not currently have an intimate partner but had one in the past. Total includes 1 woman whose husband's education and spousal education difference are missing. An asterisk indicates that a figure is based on fewer than 25 unweighted cases and has been suppressed.

<sup>1</sup> Includes in the past 12 months

<sup>2</sup> Includes only currently married women

<sup>3</sup> According to the wife's report. Includes only currently married women. See Table 14.7 for list of decisions.

<sup>4</sup> According to the woman's report. See Table 13.9 for list of behaviors.

<sup>5</sup> According to the woman's report. See Table 14.8 for list of reasons.

**Table 13.17 Help seeking to stop violence**

Percent distribution of women age 15–49 who have ever experienced physical or sexual violence by their help-seeking behavior, according to type of violence and background characteristics, Tajikistan DHS 2023

| Type of violence/<br>background characteristic | Sought help<br>to stop<br>violence | Never<br>sought help<br>but told<br>someone | Never<br>sought help,<br>never told<br>anyone | Total | Number of<br>women who<br>have ever<br>experienced<br>any<br>physical or<br>sexual<br>violence |
|------------------------------------------------|------------------------------------|---------------------------------------------|-----------------------------------------------|-------|------------------------------------------------------------------------------------------------|
| <b>Type of violence experienced</b>            |                                    |                                             |                                               |       |                                                                                                |
| Physical only                                  | 9.0                                | 10.2                                        | 80.8                                          | 100.0 | 673                                                                                            |
| Sexual only                                    | *                                  | *                                           | *                                             | 100.0 | 23                                                                                             |
| Both physical and sexual                       | 26.3                               | 20.9                                        | 52.9                                          | 100.0 | 97                                                                                             |
| <b>Age</b>                                     |                                    |                                             |                                               |       |                                                                                                |
| 15–19                                          | *                                  | *                                           | *                                             | 100.0 | 40                                                                                             |
| 20–24                                          | 10.7                               | 10.6                                        | 78.7                                          | 100.0 | 101                                                                                            |
| 25–29                                          | 12.7                               | 10.8                                        | 76.5                                          | 100.0 | 128                                                                                            |
| 30–39                                          | 9.1                                | 12.3                                        | 78.6                                          | 100.0 | 348                                                                                            |
| 40–49                                          | 10.8                               | 14.1                                        | 75.1                                          | 100.0 | 176                                                                                            |
| <b>Residence</b>                               |                                    |                                             |                                               |       |                                                                                                |
| Urban                                          | 16.3                               | 15.2                                        | 68.5                                          | 100.0 | 200                                                                                            |
| Rural                                          | 9.4                                | 10.8                                        | 79.8                                          | 100.0 | 593                                                                                            |
| <b>Region</b>                                  |                                    |                                             |                                               |       |                                                                                                |
| Dushanbe                                       | 27.4                               | 24.2                                        | 48.4                                          | 100.0 | 54                                                                                             |
| GBAO                                           | 11.1                               | 19.0                                        | 69.9                                          | 100.0 | 17                                                                                             |
| Sughd                                          | 14.5                               | 19.4                                        | 66.0                                          | 100.0 | 169                                                                                            |
| DRS                                            | 13.2                               | 11.6                                        | 75.2                                          | 100.0 | 131                                                                                            |
| Khatlon                                        | 7.0                                | 7.1                                         | 85.9                                          | 100.0 | 422                                                                                            |
| <b>FTF districts</b>                           |                                    |                                             |                                               |       |                                                                                                |
|                                                | 5.0                                | 7.1                                         | 87.9                                          | 100.0 | 159                                                                                            |
| <b>Marital status</b>                          |                                    |                                             |                                               |       |                                                                                                |
| Never married                                  | *                                  | *                                           | *                                             | 100.0 | 24                                                                                             |
| Never had intimate partner                     | *                                  | *                                           | *                                             | 100.0 | 23                                                                                             |
| Ever had intimate partner                      | *                                  | *                                           | *                                             | 100.0 | 0                                                                                              |
| Ever married                                   | 10.1                               | 11.7                                        | 78.2                                          | 100.0 | 770                                                                                            |
| Married or living together                     | 6.8                                | 11.1                                        | 82.1                                          | 100.0 | 668                                                                                            |
| Divorced/separated/<br>widowed                 | 31.2                               | 16.1                                        | 52.6                                          | 100.0 | 101                                                                                            |
| <b>Employment</b>                              |                                    |                                             |                                               |       |                                                                                                |
| Employed for cash                              | 12.8                               | 14.1                                        | 73.1                                          | 100.0 | 247                                                                                            |
| Employed not for cash                          | *                                  | *                                           | *                                             | 100.0 | 29                                                                                             |
| Not employed                                   | 10.4                               | 10.2                                        | 79.4                                          | 100.0 | 517                                                                                            |
| <b>Education</b>                               |                                    |                                             |                                               |       |                                                                                                |
| None/primary                                   | (22.4)                             | (5.7)                                       | (71.9)                                        | 100.0 | 37                                                                                             |
| General basic                                  | 13.4                               | 12.5                                        | 74.1                                          | 100.0 | 281                                                                                            |
| General secondary                              | 7.9                                | 11.4                                        | 80.7                                          | 100.0 | 315                                                                                            |
| Professional                                   |                                    |                                             |                                               |       |                                                                                                |
| primary/middle                                 | 6.1                                | 17.0                                        | 77.0                                          | 100.0 | 71                                                                                             |
| Higher                                         | 14.6                               | 10.3                                        | 75.1                                          | 100.0 | 89                                                                                             |
| <b>Wealth quintile</b>                         |                                    |                                             |                                               |       |                                                                                                |
| Lowest                                         | 13.0                               | 8.5                                         | 78.4                                          | 100.0 | 143                                                                                            |
| Second                                         | 10.5                               | 8.9                                         | 80.6                                          | 100.0 | 169                                                                                            |
| Middle                                         | 8.6                                | 14.6                                        | 76.8                                          | 100.0 | 183                                                                                            |
| Fourth                                         | 6.8                                | 10.1                                        | 83.1                                          | 100.0 | 153                                                                                            |
| Highest                                        | 17.8                               | 17.2                                        | 65.0                                          | 100.0 | 144                                                                                            |
| Total                                          | 11.1                               | 11.9                                        | 77.0                                          | 100.0 | 793                                                                                            |

Note: Figures in parentheses are based on 25–49 unweighted cases. An asterisk indicates that a figure is based on fewer than 25 unweighted cases and has been suppressed.

**Table 13.18 Sources for help to stop the violence**

Percentage of women age 15–49 who have experienced physical or sexual violence and sought help by sources from which they sought help, according to the type of violence that women reported, Tajikistan DHS 2023

| Source                               | Type of violence experienced |             |                          |                             |
|--------------------------------------|------------------------------|-------------|--------------------------|-----------------------------|
|                                      | Physical only                | Sexual only | Both physical and sexual | Physical or sexual violence |
| Own family                           | 67.1                         | *           | (62.5)                   | 64.1                        |
| Husband's/intimate partner's family  | 40.9                         | *           | (43.5)                   | 43.2                        |
| Current/former boyfriend             | 0.4                          | *           | (0.0)                    | 0.2                         |
| Friend                               | 6.2                          | *           | (11.1)                   | 7.4                         |
| Neighbor                             | 1.2                          | *           | (3.0)                    | 1.7                         |
| Religious leader                     | 0.6                          | *           | (0.0)                    | 0.4                         |
| Police                               | 1.5                          | *           | (5.2)                    | 2.5                         |
| Lawyer                               | 5.8                          | *           | (3.6)                    | 5.0                         |
| Other                                | 0.0                          | *           | (3.5)                    | 1.0                         |
| Number of women who have sought help | 61                           | 2           | 25                       | 88                          |

Note: Women can report more than one source from which they sought help. Figures in parentheses are based on 25–49 unweighted cases. An asterisk indicates that a figure is based on fewer than 25 unweighted cases and has been suppressed.



### Key Findings

- **Employment:** 23% of currently married women age 15–49 are employed. The majority of women who are employed are paid in cash only (80%), and another 5% are paid in cash and in-kind.
- **Control over earnings:** 77% of currently married women with cash earnings participate in decisions about the use of their earnings; 31% decide on their own, and 46% decide jointly with their husbands.
- **Ownership of property:** 63% of women own a house alone or jointly with someone else. Over half of women who own a house have a title or deed with their name on it (54%).
- **Ownership and use of mobile phones and bank accounts:** Only 2% of women have a bank account that they use; 65% of women own a mobile phone. Only 14% of women used a mobile phone for financial transactions in the past 12 months.
- **Participation in decision making:** 36% of currently married women participate in three specific household decisions either alone or jointly with their husbands; 39% do not participate in any of the three decisions.
- **Attitudes toward wife beating:** Just under half of women (48%) agree with at least one justification for wife beating.
- **Negotiating sexual relations:** 62% of currently married women can say no to their husband if they do not want to have sexual intercourse, and 53% can ask their husband to use a condom.
- **Decision making regarding sexual and reproductive health:** 33% of currently married women say that they make their own informed decisions regarding sexual and reproductive health.

This chapter explores women's empowerment in terms of employment, earnings, control over earnings, and magnitude of earnings relative to those of their partners. The chapter also examines women's ownership of assets including houses and mobile phones as well as their use of bank accounts and mobile-money-service providers. In addition, responses to specific questions are used to define three different indicators of women's empowerment: women's participation in household decision making, women's attitudes towards wife beating, and women's participation in decision making regarding sexual and reproductive health.

## 14.1 MARRIED WOMEN'S EMPLOYMENT

### Employment

Respondents are considered to be employed if they have done any work other than their housework in the 12 months before the survey.

**Sample:** Currently married women age 15–49

### Earning cash for employment

Respondents are asked if they are paid for their labor in cash or in-kind. Only those who receive payment in cash only or in cash and in-kind are considered to earn cash for their employment.

**Sample:** Currently married women age 15–49 employed in the 12 months before the survey

Less than a quarter (23%) of currently married women age 15–49 in Tajikistan were employed in the 12 months prior to the survey. Among those employed, 80% are paid in cash only and 5% are paid both in cash and in-kind. Thirteen percent of currently married women who are employed are not paid at all (**Table 14.1**).

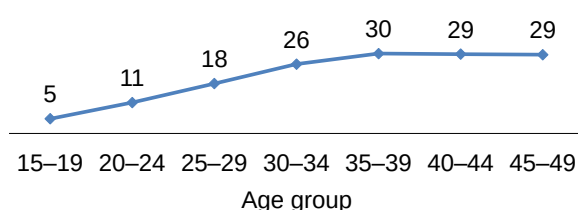
**Trends:** The percentage of currently married women employed in the past 12 months has declined since 2017, from 25% to 23%; however, the percentage earning only cash has increased, from 74% to 80%.

### Patterns by background characteristics

- Employment among currently married women generally increases with age; 5% of women age 15–19 are employed, as compared with 30% of those age 35–39 and 29% of those age 40–49 (**Figure 14.1**).
- The percentage of women who are paid for their work in cash only is highest among those age 40–44 (86%).

**Figure 14.1 Employment by age**

*Percentage of currently married women who were employed at any time in the 12 months before the survey*



## 14.2 CONTROL OVER WOMEN'S EARNINGS

### Control over one's own cash earnings

Respondents are considered to have control over their own earnings if they participate in decisions alone or jointly with their spouse about how their own earnings will be used.

**Sample:** Currently married women age 15–49 who received cash earnings for employment during the 12 months before the survey

Seventy-seven percent of currently married women age 15–49 with cash earnings decide on their own or jointly with their husbands how their earnings will be used. Thirty-one percent decide on their own how to use earnings, while 46% decide jointly with their husbands. Twenty-one percent of women report that their husband is the main decision maker, and 2% say that the primary decision maker is someone other than themselves or their husband (**Table 14.2.1** and **Figure 14.2**).

Eight percent of currently married women with cash earnings earn more than their husbands, and similarly 8% earn the same as their husbands. Eighty percent of women earn less than their husbands.

**Trends:** The percentage of women who decide on their own or jointly with their husband how they will use their earnings declined from 81% in 2012 to 71% in 2017 before increasing to 77% in 2023. The percentage of women earning more than their husbands increased from 8% in 2012 to 11% in 2017 before decreasing again to 8% in 2023.

#### Patterns by background characteristics

- The percentage of women who decide on their own how their cash earnings will be used increases from 22% among those age 20–24 to 34% among those age 35–39 and 40–44.
- The percentage of women who participate alone or jointly with their husbands in decisions about how their cash earnings are used varies from a low of 60% in Khatlon to a high of 93% in Dushanbe.
- Women’s participation in decisions about their own earnings tends to increase with increasing household wealth; 26% of women in the lowest wealth quintile decide on their own how their cash earnings will be used, as compared with 42% of women in the highest wealth quintile.
- Among currently married women who earn cash, the percentage who earn more than their husbands ranges from a low of 7% in Sughd to a high of 26% in Gorno-Badakhshan Autonomous Oblast (GBAO) (**Table 14.2.1**).

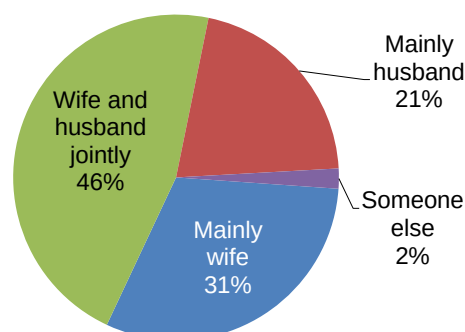
### 14.3 CONTROL OVER MEN’S EARNINGS

Seven percent of currently married women age 15–49 whose husbands have cash earnings report that they are the main decision maker about how their husband’s cash earnings are used, while 49% report that their husband mainly decides how his earnings are used. Notably, the likelihood of joint decision making by the wife and husband is lower for decisions about use of the husband’s earnings (38%) than about use of the wife’s earnings (46%).

The percentage of women who report that their husband mainly decides how his earnings are used is inversely proportional to educational level; 59% of women with no education or a primary education say that their husband decides how his earnings are used, as compared with 39% of women with a higher education (**Table 14.2.2**).

**Figure 14.2 Control over women’s earnings**

*Percent distribution of currently married women with cash earnings in the 12 months before the survey*





## 14.4 WOMEN'S OWNERSHIP OF ASSETS

### 14.4.1 Ownership of a House and Documentation of Ownership

#### Ownership of a house

Respondents who own a house, whether alone or jointly with their spouse, someone else, or both their spouse and someone else.

#### Documentation of ownership of a house

Respondents whose name is on the title/deed or other government-recognized document.

**Sample:** Women age 15–49

Overall, 63% of women age 15–49 own a house alone and/or jointly. Among them, 5% own a house alone, 56% own a house jointly with someone else, and 1% own a house both alone and jointly. Thirty-eight percent report they do not own a house (**Table 14.3** and **Figure 14.3**).

Documentation of ownership of a house is important with respect to security of tenure as well as the ability to leverage or liquidate the asset if needed. Among women who own a house, 54% possess a title or deed for the house with their name on it; 39% do not possess a title or deed (**Table 14.4**).

#### Patterns by background characteristics

- The percentage of women who do not own a house decreases with age, from 58% among those age 15–19 to 20% among those age 45–49 (**Table 14.4**).
- House ownership among women is most common in Sughd (72%) and least common in GBAO (51%).
- The percentage of women who own a house does not increase in a linear fashion with increasing household wealth; the percentage is higher among women in the third and fourth wealth quintiles (68% and 72%, respectively) than among women in the lower quintiles (52%–58%) or the highest quintile (61%).

### 14.4.2 Ownership and Use of Mobile Phones and Bank Accounts

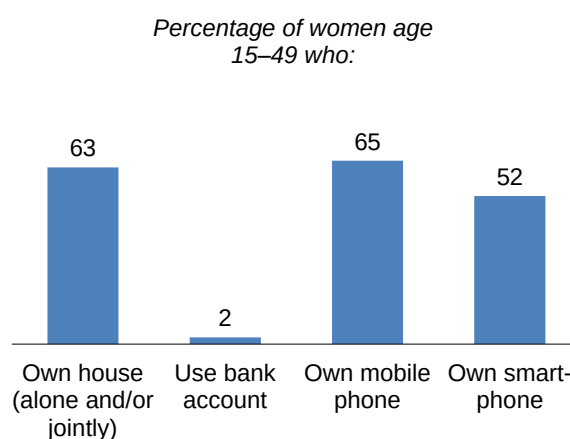
#### Use of bank accounts or mobile-money-service providers

Respondents who have and use a bank account or who used a mobile phone for financial transactions in the 12 months before the survey.

**Sample:** Women age 15–49

Ownership of a bank account and a mobile phone are reflections of autonomy and financial independence. Women interviewed in the 2023 TjDHS were asked if they used an account in a bank or other financial institution and whether they owned a mobile phone. Very few women (2%) in Tajikistan have an account in a bank or other financial institution that they use. Sixty-five percent own a mobile phone (**Table 14.5** and **Figure 14.3**).

**Figure 14.3 Ownership of assets**



Women who own a mobile phone were asked if they use it for financial transactions. Among those who own a mobile phone, only 14% say that they used it for financial transactions in the past 12 months (**Table 14.5**).

#### Patterns by background characteristics

- Mobile phone ownership is higher in urban areas (79%) than in rural areas (60%). Among women who own a mobile phone, use of the phone for financial transactions is twice as high among urban women (23%) as among rural women (11%).
- By region, mobile phone ownership is highest in Dushanbe (87%) and lowest in Districts of Republican Subordination (DRS) and Khatlon (57% and 58%, respectively). Among women who own a mobile phone, the percentage who use the phone for financial transactions ranges from 7% in Khatlon to 34% in Dushanbe.
- Mobile phone ownership rises with increasing education and household wealth. Notably, 92% of women with a higher education have a mobile phone, a larger percentage than any other subgroup of women. Use of mobile phones for financial transactions also increases with increasing education and household wealth.
- Use of bank accounts is rare among women in all groups. Ownership and use of a bank account is more prevalent among women in Dushanbe (11%) and women with a higher education (9%) than among women in other subgroups.

## 14.5 PARTICIPATION IN DECISION MAKING

### Participation in major household decisions

Women are considered to participate in household decisions if they make decisions alone or jointly with their husband in all three of the following areas: (1) their own health care, (2) major household purchases, and (3) visits to their family or relatives.

**Sample:** Currently married women age 15–49

The 2023 TjDHS sought information from currently married women on their participation in three types of household decisions: their own health care, major household purchases, and visits to their family or relatives. Over half of married women (55%) participate in decisions regarding their own health, either mainly themselves (13%) or jointly with their husbands (42%); 41% participate in decisions on major household purchases, either mainly themselves (7%) or with their husbands (34%); and 51% participate in decisions to visit their families and relatives, either mainly themselves (12%) or with their husbands (39%) (**Table 14.6**). Thirty-six percent of women participate in all three specified household decisions either alone or jointly with their husbands. Thirty-nine percent of women do not participate in any of the three decisions (**Table 14.7**).

#### Patterns by background characteristics

- The percentage of women who participate in all three decisions increases steadily with age, from 16% among those age 15–19 to 52% among those age 45–49 (**Table 14.7**).
- Participation in all three decisions is higher among women who are employed for cash (45%) than among women who are not employed (34%) and women who are employed but do not earn cash (31%).
- By region, women's participation in all three decisions varies from a low of 21% in Sughd to a high of 58% in Dushanbe.
- Women's participation in all three decisions increases with increasing household wealth, from 30% among women in the lowest and second wealth quintiles to 45% among those in the highest quintile.

## 14.6 ATTITUDES TOWARD WIFE BEATING

### Attitudes toward wife beating

Respondents are asked if they agree that a husband is justified in hitting or beating his wife under each of the following five circumstances: she burns the food, she argues with him, she goes out without telling him, she neglects the children, and she refuses to have sex with him. If respondents answer “yes” in at least one circumstance, they are considered to have attitudes justifying wife beating.

**Sample:** Women age 15–49

In Tajikistan, 48% of women age 15–49 agree that a husband is justified in beating his wife in at least one of the five specified circumstances; 40% agree that wife beating is justified if she argues with her husband, 40% agree that it is justified if she goes out without telling him, and 37% agree that it is justified if she neglects the children. A smaller percentage of women agree that wife beating is justified if she burns the food (20%) or refuses to have sex with him (22%) (**Table 14.8** and **Figure 14.4**).

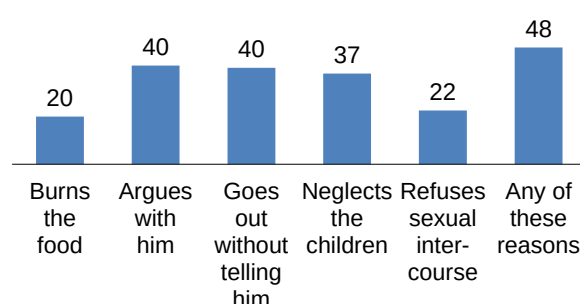
**Trends:** The percentage of women who agree with one or more justifications for wife beating decreased from 64% in 2017 to 48% in 2023.

### Patterns by background characteristics

- The belief that wife beating is justified is slightly lower among women who are not employed (47%) and those who are employed and paid in cash (49%) than among those who are employed but are not paid in cash (54%).
- The belief that wife beating is justified is lower among never-married women than among ever-married women; only 28% of women who have never been married agree that wife beating is justified in at least one of the five specified circumstances, as compared with 54% of married women and 40% of divorced, separated, or widowed women.
- More women in rural areas (51%) than urban areas (39%) agree with at least one reason for wife beating.
- Agreement with at least one reason for wife beating varies greatly by region, ranging from a low of 29% among women in GBAO and DRS to a high of 64% among women in Khatlon.
- Agreement with wife beating generally declines with increasing education and household wealth.

**Figure 14.4 Attitudes towards wife beating**

*Percentage of women age 15–49 who agree that a husband is justified in beating his wife for specific reasons*



## 14.7 NEGOTIATING SEXUAL RELATIONS

To assess attitudes toward negotiating safer sexual relations with husbands, women were asked whether they thought that a wife is justified in refusing to have sexual intercourse with her husband if she knows he has sex with other women and asking that he use a condom if she knows he has a sexually transmitted infection (STI).

Over half (55%) of women agree that a wife is justified in refusing to have sexual intercourse with her husband if her husband has other partners, and 49% agree that she is justified in asking her husband to wear a condom if he has an STI (**Table 14.9**).

To assess the ability of women to actually negotiate safer sexual relations with their husband, women were asked whether they could say no to their husband if they do not want to have sexual intercourse and whether they could ask their husband to use a condom. Sixty-two percent of women reported that they can say no to their husband if they do not want to have sex, and 53% reported that they can ask their husband to use a condom (**Table 14.10**).

### Patterns by background characteristics

- Currently married women's ability to negotiate safer sex varies only minimally by age. Sixty percent of women age 15–24 report that they can say no to their husband if they do not want to have sexual intercourse, as compared with 64% of women age 40–49.
- Women's ability to negotiate safer sex with their husband varies by region. The percentage of women who can say no to their husband if they do not want to have sexual intercourse ranges from 54% in Khatlon to 75% in GBAO, and the percentage who can ask their husband to use a condom varies from 43% in Khatlon to 68% in GBAO.
- The percentage of women who say that they can negotiate safer sex with their husband is higher in urban than rural areas.

## 14.8 WOMEN'S PARTICIPATION IN DECISION MAKING REGARDING SEXUAL AND REPRODUCTIVE HEALTH

### **Informed decision making on sexual relations, contraceptive use, and reproductive health**

Women are considered to make their own informed decisions on sexual relations, contraceptive use, and reproductive health if (1) they can say no to their husband if they do not want to have sexual intercourse, (2) they make decisions about use of family planning alone or jointly with their husband, and (3) they make decisions about their own health care alone or jointly with their husband.

**Sample:** Currently married women age 15–49

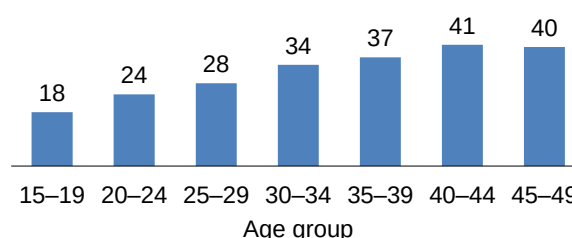
One-third (33%) of currently married women age 15–49 report making their own decisions regarding sexual relations, contraceptive use, and reproductive care (**Table 14.11**).

## Patterns by background characteristics

- The percentage of currently married women who report making their own decisions regarding sexual relations, contraceptive use, and reproductive care increases from 18% among those age 15–19 to 40% among those age 45–49 (**Figure 14.5**).
- By region, the percentage of women who report making their own decisions regarding sexual relations, contraceptive use, and reproductive care ranges from 23% in Khatlon to 58% in GBAO.
- Women's participation in decision making regarding sexual and reproductive health generally increases with increasing education and household wealth. Twenty-four percent of women with no education or a primary education report making their own decisions regarding sexual relations, contraceptive use, and reproductive care, as compared with 45% of women with a higher education. Similarly, 27% of women in the lowest wealth quintile report making their own decisions, compared with 45% of women in the highest quintile.

**Figure 14.5 Women's participation in decision making regarding sexual and reproductive health by age**

*Percentage of currently married women who make their own informed decisions about sexual relations, contraceptive use, and reproductive health care*



## LIST OF TABLES

For more information on women's empowerment, see the following tables:

- **Table 14.1** Employment and cash earnings of currently married women
- **Table 14.2.1** Control over women's cash earnings and relative magnitude of women's cash earnings
- **Table 14.2.2** Control over men's cash earnings
- **Table 14.3** House ownership
- **Table 14.4** House ownership and documentation of ownership
- **Table 14.5** Ownership and use of mobile phones and bank accounts
- **Table 14.6** Participation in decision making
- **Table 14.7** Women's participation in decision making according to background characteristics
- **Table 14.8** Attitude toward wife beating
- **Table 14.9** Attitudes toward negotiating safer sexual relations with husband
- **Table 14.10** Ability to negotiate sexual relations with husband
- **Table 14.11** Women's participation in decision making regarding sexual and reproductive health

**Table 14.1 Employment and cash earnings of currently married women**

Percentage of currently married women age 15–49 who were employed at any time in the past 12 months and percent distribution of currently married women employed in the past 12 months by type of earnings, according to age, Tajikistan DHS 2023

| Age   | Among currently married women:        |                 | Percent distribution of currently married women employed in the past 12 months, by type of earnings |                  |              |          | Total | Number of women |
|-------|---------------------------------------|-----------------|-----------------------------------------------------------------------------------------------------|------------------|--------------|----------|-------|-----------------|
|       | Percentage employed in past 12 months | Number of women | Cash only                                                                                           | Cash and in-kind | In-kind only | Not paid |       |                 |
| 15–19 | 5.4                                   | 220             | *                                                                                                   | *                | *            | *        | 100.0 | 12              |
| 20–24 | 11.4                                  | 1,281           | 80.7                                                                                                | 5.3              | 0.6          | 13.4     | 100.0 | 146             |
| 25–29 | 18.4                                  | 1,437           | 77.6                                                                                                | 3.7              | 2.5          | 16.2     | 100.0 | 265             |
| 30–34 | 25.6                                  | 1,407           | 76.3                                                                                                | 7.6              | 3.1          | 13.0     | 100.0 | 360             |
| 35–39 | 29.5                                  | 1,291           | 81.6                                                                                                | 4.8              | 1.4          | 12.1     | 100.0 | 381             |
| 40–44 | 29.3                                  | 974             | 85.9                                                                                                | 3.0              | 2.5          | 8.6      | 100.0 | 285             |
| 45–49 | 29.1                                  | 781             | 79.9                                                                                                | 3.9              | 3.8          | 12.4     | 100.0 | 228             |
| Total | 22.7                                  | 7,392           | 80.1                                                                                                | 4.9              | 2.4          | 12.6     | 100.0 | 1,676           |

Note: An asterisk indicates that a figure is based on fewer than 25 unweighted cases and has been suppressed.

**Table 14.2.1 Control over women's cash earnings and relative magnitude of women's cash earnings**

Percent distribution of currently married women age 15–49 who received cash earnings for employment in the 12 months preceding the survey by person who decides how wife's cash earnings are used and by whether she earned more or less than her husband, according to background characteristics, Tajikistan DHS 2023

| Background characteristic        | Person who decides how the wife's cash earnings are used: |                          |                |       |       | Wife's cash earnings compared with husband's cash earnings: |        |                |                         |            | Total | Number of women |
|----------------------------------|-----------------------------------------------------------|--------------------------|----------------|-------|-------|-------------------------------------------------------------|--------|----------------|-------------------------|------------|-------|-----------------|
|                                  | Mainly wife                                               | Wife and husband jointly | Mainly husband | Other | Total | More                                                        | Less   | About the same | Husband has no earnings | Don't know |       |                 |
| <b>Age</b>                       |                                                           |                          |                |       |       |                                                             |        |                |                         |            |       |                 |
| 15–19                            | *                                                         | *                        | *              | *     | *     | *                                                           | *      | *              | *                       | *          | 100.0 | 9               |
| 20–24                            | 21.8                                                      | 47.5                     | 28.7           | 2.0   | 100.0 | 8.5                                                         | 82.9   | 5.8            | 1.8                     | 1.0        | 100.0 | 125             |
| 25–29                            | 26.2                                                      | 45.8                     | 22.2           | 5.7   | 100.0 | 3.9                                                         | 86.2   | 5.2            | 1.1                     | 3.6        | 100.0 | 215             |
| 30–34                            | 31.8                                                      | 44.6                     | 22.1           | 1.5   | 100.0 | 5.9                                                         | 79.3   | 8.4            | 1.5                     | 4.9        | 100.0 | 302             |
| 35–39                            | 33.9                                                      | 47.1                     | 18.1           | 0.8   | 100.0 | 7.9                                                         | 79.9   | 6.1            | 2.4                     | 3.7        | 100.0 | 329             |
| 40–44                            | 34.3                                                      | 45.3                     | 20.3           | 0.1   | 100.0 | 11.3                                                        | 76.5   | 9.0            | 1.4                     | 1.8        | 100.0 | 254             |
| 45–49                            | 30.9                                                      | 50.3                     | 18.8           | 0.0   | 100.0 | 13.9                                                        | 73.1   | 11.5           | 1.6                     | 0.0        | 100.0 | 191             |
| <b>Number of living children</b> |                                                           |                          |                |       |       |                                                             |        |                |                         |            |       |                 |
| 0                                | 28.3                                                      | 43.4                     | 25.7           | 2.6   | 100.0 | 11.1                                                        | 78.5   | 6.6            | 1.0                     | 2.8        | 100.0 | 92              |
| 1–2                              | 31.0                                                      | 47.3                     | 19.6           | 2.1   | 100.0 | 9.8                                                         | 78.9   | 8.1            | 1.3                     | 2.0        | 100.0 | 485             |
| 3–4                              | 32.0                                                      | 45.7                     | 21.1           | 1.3   | 100.0 | 6.6                                                         | 80.6   | 7.5            | 1.7                     | 3.6        | 100.0 | 761             |
| 5+                               | 25.7                                                      | 50.6                     | 23.4           | 0.3   | 100.0 | 11.4                                                        | 74.3   | 8.3            | 4.2                     | 1.8        | 100.0 | 86              |
| <b>Residence</b>                 |                                                           |                          |                |       |       |                                                             |        |                |                         |            |       |                 |
| Urban                            | 39.4                                                      | 44.0                     | 15.7           | 0.9   | 100.0 | 9.4                                                         | 78.5   | 9.0            | 1.0                     | 2.1        | 100.0 | 517             |
| Rural                            | 26.2                                                      | 47.7                     | 24.1           | 2.0   | 100.0 | 7.7                                                         | 80.1   | 6.9            | 2.1                     | 3.3        | 100.0 | 907             |
| <b>Region</b>                    |                                                           |                          |                |       |       |                                                             |        |                |                         |            |       |                 |
| Dushanbe                         | 47.9                                                      | 45.4                     | 5.8            | 0.9   | 100.0 | 9.2                                                         | 78.6   | 8.0            | 1.3                     | 2.9        | 100.0 | 207             |
| GBAO                             | 25.5                                                      | 62.2                     | 11.9           | 0.5   | 100.0 | 25.6                                                        | 58.6   | 14.5           | 1.4                     | 0.0        | 100.0 | 47              |
| Sughd                            | 34.0                                                      | 50.3                     | 14.5           | 1.2   | 100.0 | 6.6                                                         | 88.7   | 3.9            | 0.6                     | 0.2        | 100.0 | 522             |
| DRS                              | 28.2                                                      | 49.7                     | 21.2           | 0.9   | 100.0 | 7.6                                                         | 70.2   | 17.8           | 3.3                     | 1.1        | 100.0 | 226             |
| Khatlon                          | 21.2                                                      | 38.5                     | 37.5           | 2.8   | 100.0 | 8.4                                                         | 75.9   | 5.9            | 2.3                     | 7.5        | 100.0 | 423             |
| <b>FTF districts</b>             | 23.4                                                      | 26.5                     | 45.7           | 4.4   | 100.0 | 4.8                                                         | 73.4   | 5.4            | 2.0                     | 14.4       | 100.0 | 163             |
| <b>Education</b>                 |                                                           |                          |                |       |       |                                                             |        |                |                         |            |       |                 |
| None/primary                     | (25.2)                                                    | (55.8)                   | (14.1)         | (5.0) | 100.0 | (15.1)                                                      | (67.4) | (8.9)          | (6.0)                   | (2.7)      | 100.0 | 44              |
| General basic                    | 31.0                                                      | 45.1                     | 23.0           | 1.0   | 100.0 | 7.2                                                         | 77.2   | 9.2            | 2.1                     | 4.3        | 100.0 | 300             |
| General secondary                | 31.7                                                      | 42.3                     | 24.3           | 1.7   | 100.0 | 7.2                                                         | 80.8   | 7.0            | 1.6                     | 3.3        | 100.0 | 436             |
| Professional primary/middle      | 28.6                                                      | 50.9                     | 18.5           | 2.0   | 100.0 | 11.7                                                        | 81.7   | 4.0            | 1.2                     | 1.3        | 100.0 | 212             |
| Higher                           | 32.1                                                      | 48.2                     | 18.4           | 1.3   | 100.0 | 7.8                                                         | 79.9   | 8.9            | 1.2                     | 2.2        | 100.0 | 433             |
| <b>Wealth quintile</b>           |                                                           |                          |                |       |       |                                                             |        |                |                         |            |       |                 |
| Lowest                           | 26.2                                                      | 40.5                     | 31.0           | 2.3   | 100.0 | 12.4                                                        | 69.0   | 5.9            | 4.8                     | 7.9        | 100.0 | 176             |
| Second                           | 18.8                                                      | 52.4                     | 24.7           | 4.0   | 100.0 | 7.7                                                         | 82.6   | 6.7            | 1.0                     | 2.0        | 100.0 | 238             |
| Middle                           | 25.1                                                      | 45.4                     | 28.1           | 1.4   | 100.0 | 8.9                                                         | 77.8   | 8.0            | 2.1                     | 3.2        | 100.0 | 216             |
| Fourth                           | 31.2                                                      | 49.4                     | 18.2           | 1.2   | 100.0 | 5.6                                                         | 83.7   | 8.3            | 1.1                     | 1.3        | 100.0 | 337             |
| Highest                          | 41.8                                                      | 43.7                     | 14.1           | 0.4   | 100.0 | 8.7                                                         | 79.6   | 8.2            | 1.0                     | 2.4        | 100.0 | 458             |
| <b>Total</b>                     | 31.0                                                      | 46.4                     | 21.0           | 1.6   | 100.0 | 8.3                                                         | 79.5   | 7.7            | 1.7                     | 2.9        | 100.0 | 1,425           |

Note: The term husband includes a partner with whom a woman is living as if married. Figures in parentheses are based on 25–49 unweighted cases. An asterisk indicates that a figure is based on fewer than 25 unweighted cases and has been suppressed.

**Table 14.2.2 Control over men's cash earnings**

Percent distribution of currently married women age 15–49 whose husbands receive cash earnings by person who decides how husband's cash earnings are used, according to background characteristics, Tajikistan DHS 2023

| Background characteristic        | Mainly wife | Wife and husband jointly | Mainly husband | Other | Total | Number of women |
|----------------------------------|-------------|--------------------------|----------------|-------|-------|-----------------|
| <b>Age</b>                       |             |                          |                |       |       |                 |
| 15–19                            | 2.3         | 23.0                     | 52.3           | 22.3  | 100.0 | 218             |
| 20–24                            | 3.4         | 32.9                     | 51.5           | 12.2  | 100.0 | 1,268           |
| 25–29                            | 4.3         | 32.4                     | 52.9           | 10.4  | 100.0 | 1,431           |
| 30–34                            | 8.0         | 36.2                     | 50.2           | 5.7   | 100.0 | 1,398           |
| 35–39                            | 8.2         | 42.2                     | 46.8           | 2.8   | 100.0 | 1,281           |
| 40–44                            | 8.5         | 46.6                     | 44.5           | 0.3   | 100.0 | 970             |
| 45–49                            | 9.7         | 48.2                     | 41.9           | 0.1   | 100.0 | 771             |
| <b>Number of living children</b> |             |                          |                |       |       |                 |
| 0                                | 3.9         | 29.4                     | 55.1           | 11.6  | 100.0 | 683             |
| 1–2                              | 6.2         | 36.2                     | 48.8           | 8.9   | 100.0 | 2,546           |
| 3–4                              | 7.2         | 40.5                     | 47.9           | 4.4   | 100.0 | 3,533           |
| 5+                               | 8.3         | 43.1                     | 46.9           | 1.7   | 100.0 | 575             |
| <b>Residence</b>                 |             |                          |                |       |       |                 |
| Urban                            | 8.7         | 40.5                     | 47.2           | 3.6   | 100.0 | 1,857           |
| Rural                            | 5.9         | 37.4                     | 49.4           | 7.4   | 100.0 | 5,480           |
| <b>Region</b>                    |             |                          |                |       |       |                 |
| Dushanbe                         | 12.9        | 47.8                     | 36.7           | 2.5   | 100.0 | 701             |
| GBAO                             | 9.0         | 61.0                     | 28.1           | 1.9   | 100.0 | 108             |
| Sughd                            | 3.8         | 34.8                     | 54.1           | 7.2   | 100.0 | 2,149           |
| DRS                              | 5.0         | 50.7                     | 38.4           | 5.9   | 100.0 | 1,769           |
| Khatlon                          | 8.2         | 28.8                     | 55.5           | 7.4   | 100.0 | 2,610           |
| <b>FTF districts</b>             | 10.1        | 25.1                     | 55.2           | 9.6   | 100.0 | 1,466           |
| <b>Education</b>                 |             |                          |                |       |       |                 |
| None/primary                     | 9.6         | 27.4                     | 58.6           | 4.4   | 100.0 | 358             |
| General basic                    | 7.0         | 37.0                     | 50.3           | 5.6   | 100.0 | 2,262           |
| General secondary                | 5.9         | 36.8                     | 49.6           | 7.6   | 100.0 | 3,365           |
| Professional primary/middle      | 4.4         | 43.9                     | 45.0           | 6.7   | 100.0 | 547             |
| Higher                           | 8.5         | 47.9                     | 39.3           | 4.3   | 100.0 | 805             |
| <b>Wealth quintile</b>           |             |                          |                |       |       |                 |
| Lowest                           | 8.0         | 26.6                     | 56.4           | 9.0   | 100.0 | 1,373           |
| Second                           | 6.1         | 35.4                     | 52.6           | 5.9   | 100.0 | 1,438           |
| Middle                           | 5.5         | 40.8                     | 45.7           | 8.0   | 100.0 | 1,503           |
| Fourth                           | 4.5         | 43.8                     | 45.6           | 6.1   | 100.0 | 1,561           |
| Highest                          | 9.3         | 43.0                     | 44.5           | 3.3   | 100.0 | 1,462           |
| <b>Total</b>                     | 6.6         | 38.2                     | 48.8           | 6.4   | 100.0 | 7,337           |

Note: The term husband includes a partner with whom a woman is living as if married.

**Table 14.3 House ownership**

Percent distribution of women age 15–49 by house ownership status, according to current marital status, Tajikistan DHS 2023

| Ownership status                      | Never married | Married/living together | Divorced/separated | Widowed | Total |
|---------------------------------------|---------------|-------------------------|--------------------|---------|-------|
| Alone                                 | 1.9           | 4.4                     | 21.2               | 50.9    | 5.2   |
| Jointly with husband only             | na            | 37.7                    | 0.6                | 2.8     | 28.3  |
| Jointly with someone else only        | 36.0          | 10.5                    | 25.7               | 19.6    | 16.3  |
| Jointly with husband and someone else | na            | 15.0                    | 3.6                | 2.9     | 11.4  |
| Both alone and jointly                | 1.8           | 1.1                     | 3.8                | 0.0     | 1.3   |
| Does not own                          | 60.3          | 31.3                    | 45.1               | 23.8    | 37.5  |
| <b>Total</b>                          | 100.0         | 100.0                   | 100.0              | 100.0   | 100.0 |
| <b>Number of women</b>                | 1,964         | 7,392                   | 385                | 137     | 9,879 |

Note: The term husband includes a partner with whom a woman is living as if married.  
na = not applicable



**Table 14.4 House ownership and documentation of ownership**

Percent distribution of women age 15–49 by ownership of a house, and among women who own a house, percent distribution by whether the house owned has a title/deed and whether or not the woman's name appears on the title/deed, according to background characteristics, Tajikistan DHS 2023

| Background characteristic | Percentage who own a house: |                      |                              | Percent-<br>age who<br>do not<br>own a<br>house | Total | Number<br>of women | House has a<br>title/deed <sup>1</sup> :            |                                                         | Does not<br>have a<br>title/deed <sup>1</sup> | Don't<br>know <sup>3</sup> | Total | Number<br>of women<br>who own<br>a house <sup>4</sup> |
|---------------------------|-----------------------------|----------------------|------------------------------|-------------------------------------------------|-------|--------------------|-----------------------------------------------------|---------------------------------------------------------|-----------------------------------------------|----------------------------|-------|-------------------------------------------------------|
|                           | Alone                       | Jointly <sup>2</sup> | Both<br>alone and<br>jointly |                                                 |       |                    | Woman's<br>name is<br>on<br>title/deed <sup>1</sup> | Woman's<br>name is<br>not on<br>title/deed <sup>1</sup> |                                               |                            |       |                                                       |
| <b>Age</b>                |                             |                      |                              |                                                 |       |                    |                                                     |                                                         |                                               |                            |       |                                                       |
| 15–19                     | 0.9                         | 38.9                 | 1.8                          | 58.4                                            | 100.0 | 1,710              | 49.3                                                | 1.4                                                     | 40.2                                          | 9.1                        | 100.0 | 711                                                   |
| 20–24                     | 2.3                         | 48.0                 | 1.4                          | 48.3                                            | 100.0 | 1,616              | 42.4                                                | 2.0                                                     | 47.0                                          | 8.6                        | 100.0 | 836                                                   |
| 25–29                     | 3.4                         | 55.0                 | 1.9                          | 39.8                                            | 100.0 | 1,559              | 49.1                                                | 1.6                                                     | 42.0                                          | 7.3                        | 100.0 | 938                                                   |
| 30–34                     | 5.4                         | 62.5                 | 1.5                          | 30.5                                            | 100.0 | 1,545              | 51.0                                                | 1.2                                                     | 42.6                                          | 5.3                        | 100.0 | 1,073                                                 |
| 35–39                     | 7.2                         | 62.4                 | 1.1                          | 29.3                                            | 100.0 | 1,435              | 61.0                                                | 1.2                                                     | 34.0                                          | 3.8                        | 100.0 | 1,015                                                 |
| 40–44                     | 10.5                        | 67.5                 | 0.5                          | 21.5                                            | 100.0 | 1,096              | 61.0                                                | 0.6                                                     | 35.5                                          | 3.0                        | 100.0 | 861                                                   |
| 45–49                     | 11.2                        | 68.6                 | 0.6                          | 19.6                                            | 100.0 | 917                | 66.9                                                | 0.8                                                     | 30.0                                          | 2.3                        | 100.0 | 738                                                   |
| <b>Residence</b>          |                             |                      |                              |                                                 |       |                    |                                                     |                                                         |                                               |                            |       |                                                       |
| Urban                     | 7.6                         | 48.5                 | 0.5                          | 43.4                                            | 100.0 | 2,705              | 54.9                                                | 1.5                                                     | 40.7                                          | 2.8                        | 100.0 | 1,531                                                 |
| Rural                     | 4.3                         | 58.8                 | 1.6                          | 35.3                                            | 100.0 | 7,174              | 54.1                                                | 1.2                                                     | 38.3                                          | 6.5                        | 100.0 | 4,640                                                 |
| <b>Region</b>             |                             |                      |                              |                                                 |       |                    |                                                     |                                                         |                                               |                            |       |                                                       |
| Dushanbe                  | 8.6                         | 46.7                 | 0.5                          | 44.2                                            | 100.0 | 1,077              | 53.7                                                | 1.8                                                     | 40.9                                          | 3.6                        | 100.0 | 601                                                   |
| GBAO                      | 1.9                         | 49.0                 | 0.1                          | 48.9                                            | 100.0 | 157                | 87.4                                                | 1.2                                                     | 7.3                                           | 4.1                        | 100.0 | 80                                                    |
| Sughd                     | 1.9                         | 69.8                 | 0.7                          | 27.6                                            | 100.0 | 2,780              | 58.3                                                | 1.5                                                     | 32.8                                          | 7.4                        | 100.0 | 2,013                                                 |
| DRS                       | 5.0                         | 58.0                 | 2.5                          | 34.4                                            | 100.0 | 2,356              | 54.3                                                | 1.8                                                     | 39.4                                          | 4.5                        | 100.0 | 1,546                                                 |
| Khatlon                   | 6.9                         | 46.8                 | 1.3                          | 45.0                                            | 100.0 | 3,509              | 48.9                                                | 0.4                                                     | 45.6                                          | 5.1                        | 100.0 | 1,931                                                 |
| <b>FTF districts</b>      | 2.5                         | 61.2                 | 2.2                          | 34.1                                            | 100.0 | 1,937              | 40.1                                                | 0.2                                                     | 53.7                                          | 5.9                        | 100.0 | 1,277                                                 |
| <b>Education</b>          |                             |                      |                              |                                                 |       |                    |                                                     |                                                         |                                               |                            |       |                                                       |
| None/primary              | 3.5                         | 55.1                 | 2.3                          | 39.1                                            | 100.0 | 443                | 43.9                                                | 1.3                                                     | 47.1                                          | 7.7                        | 100.0 | 270                                                   |
| General basic             | 5.2                         | 54.4                 | 2.0                          | 38.4                                            | 100.0 | 3,271              | 53.3                                                | 1.2                                                     | 39.3                                          | 6.2                        | 100.0 | 2,014                                                 |
| General secondary         | 4.2                         | 59.0                 | 0.9                          | 35.8                                            | 100.0 | 4,230              | 54.7                                                | 1.2                                                     | 39.0                                          | 5.2                        | 100.0 | 2,717                                                 |
| Professional              |                             |                      |                              |                                                 |       |                    |                                                     |                                                         |                                               |                            |       |                                                       |
| primary/middle            | 5.9                         | 48.3                 | 1.2                          | 44.6                                            | 100.0 | 778                | 57.0                                                | 1.6                                                     | 33.6                                          | 7.7                        | 100.0 | 431                                                   |
| Higher                    | 8.6                         | 54.8                 | 0.5                          | 36.1                                            | 100.0 | 1,157              | 57.7                                                | 1.4                                                     | 37.6                                          | 3.2                        | 100.0 | 740                                                   |
| <b>Wealth quintile</b>    |                             |                      |                              |                                                 |       |                    |                                                     |                                                         |                                               |                            |       |                                                       |
| Lowest                    | 4.4                         | 45.7                 | 1.7                          | 48.2                                            | 100.0 | 1,842              | 49.0                                                | 0.9                                                     | 40.7                                          | 9.4                        | 100.0 | 955                                                   |
| Second                    | 3.8                         | 52.3                 | 2.2                          | 41.8                                            | 100.0 | 1,967              | 53.3                                                | 1.7                                                     | 37.5                                          | 7.5                        | 100.0 | 1,145                                                 |
| Middle                    | 4.7                         | 62.0                 | 1.3                          | 31.9                                            | 100.0 | 1,966              | 58.0                                                | 1.2                                                     | 36.3                                          | 4.6                        | 100.0 | 1,338                                                 |
| Fourth                    | 4.7                         | 66.3                 | 1.2                          | 27.7                                            | 100.0 | 1,964              | 54.9                                                | 1.1                                                     | 40.2                                          | 3.8                        | 100.0 | 1,419                                                 |
| Highest                   | 7.9                         | 53.1                 | 0.4                          | 38.6                                            | 100.0 | 2,140              | 54.6                                                | 1.3                                                     | 40.1                                          | 3.9                        | 100.0 | 1,314                                                 |
| <b>Total</b>              | 5.2                         | 56.0                 | 1.3                          | 37.5                                            | 100.0 | 9,879              | 54.3                                                | 1.3                                                     | 38.9                                          | 5.6                        | 100.0 | 6,171                                                 |

<sup>1</sup> Title/deed or other government-recognized document

<sup>2</sup> Jointly with husband, someone else, or both a husband and someone else

<sup>3</sup> Includes women who have a house with a title/deed or other government-recognized document, but they do not know if their name is on it, and women who do not know if there is a title/deed or other government-recognized document for the house

<sup>4</sup> Includes women who own a house alone, jointly with their husband only, jointly with someone else only, jointly with their husband and someone else, or both alone and jointly

**Table 14.5 Ownership and use of mobile phones and bank accounts**

Percentage of women age 15–49 who own any mobile phone, percentage who own a smartphone, and percentage who used a mobile phone to make financial transactions in the past 12 months; percentage of women who have and use a bank account and percentage who deposited or withdrew money from their own bank account in the past 12 months; and percentage of women who have and use a bank account or used a mobile phone for financial transactions in the past 12 months, according to background characteristics, Tajikistan DHS 2023

| Background characteristic   | Mobile phone ownership:             |                                 | Percentage who used a mobile phone for financial transactions in the past 12 months <sup>1</sup> | Bank account ownership and use:            |                                                                                         | Percentage who have and use a bank account or used a mobile phone for financial transactions in the past 12 months | Number of women |
|-----------------------------|-------------------------------------|---------------------------------|--------------------------------------------------------------------------------------------------|--------------------------------------------|-----------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------|-----------------|
|                             | Percentage who own any mobile phone | Percentage who own a smartphone |                                                                                                  | Percentage who have and use a bank account | Percentage who deposited or withdrew money from their own account in the past 12 months |                                                                                                                    |                 |
| <b>Age</b>                  |                                     |                                 |                                                                                                  |                                            |                                                                                         |                                                                                                                    |                 |
| 15–19                       | 30.3                                | 26.7                            | 4.1                                                                                              | 0.7                                        | 0.5                                                                                     | 4.5                                                                                                                | 1,710           |
| 20–24                       | 55.7                                | 47.2                            | 11.1                                                                                             | 1.6                                        | 1.3                                                                                     | 11.6                                                                                                               | 1,616           |
| 25–29                       | 65.1                                | 52.0                            | 13.0                                                                                             | 2.6                                        | 1.7                                                                                     | 14.0                                                                                                               | 1,559           |
| 30–34                       | 76.5                                | 61.1                            | 17.5                                                                                             | 2.8                                        | 2.2                                                                                     | 18.4                                                                                                               | 1,545           |
| 35–39                       | 79.4                                | 62.4                            | 17.8                                                                                             | 3.3                                        | 2.1                                                                                     | 18.9                                                                                                               | 1,435           |
| 40–44                       | 81.1                                | 65.2                            | 22.7                                                                                             | 3.3                                        | 2.8                                                                                     | 23.4                                                                                                               | 1,096           |
| 45–49                       | 84.0                                | 64.7                            | 19.9                                                                                             | 3.6                                        | 2.7                                                                                     | 21.0                                                                                                               | 917             |
| <b>Residence</b>            |                                     |                                 |                                                                                                  |                                            |                                                                                         |                                                                                                                    |                 |
| Urban                       | 78.7                                | 66.6                            | 23.4                                                                                             | 6.1                                        | 5.1                                                                                     | 24.6                                                                                                               | 2,705           |
| Rural                       | 59.7                                | 47.0                            | 10.8                                                                                             | 1.0                                        | 0.5                                                                                     | 11.4                                                                                                               | 7,174           |
| <b>Region</b>               |                                     |                                 |                                                                                                  |                                            |                                                                                         |                                                                                                                    |                 |
| Dushanbe                    | 87.0                                | 73.4                            | 34.0                                                                                             | 11.0                                       | 9.8                                                                                     | 35.4                                                                                                               | 1,077           |
| GBAO                        | 82.7                                | 73.2                            | 19.7                                                                                             | 6.7                                        | 4.9                                                                                     | 22.0                                                                                                               | 157             |
| Sughd                       | 70.5                                | 59.2                            | 16.8                                                                                             | 1.8                                        | 1.1                                                                                     | 17.8                                                                                                               | 2,780           |
| DRS                         | 57.4                                | 44.7                            | 12.9                                                                                             | 0.6                                        | 0.2                                                                                     | 13.2                                                                                                               | 2,356           |
| Khatlon                     | 57.9                                | 44.8                            | 6.9                                                                                              | 1.3                                        | 0.9                                                                                     | 7.6                                                                                                                | 3,509           |
| <b>FTF districts</b>        | 51.7                                | 42.2                            | 6.8                                                                                              | 0.9                                        | 0.7                                                                                     | 7.2                                                                                                                | 1,937           |
| <b>Education</b>            |                                     |                                 |                                                                                                  |                                            |                                                                                         |                                                                                                                    |                 |
| None/primary                | 52.4                                | 36.7                            | 8.5                                                                                              | 0.8                                        | 0.4                                                                                     | 9.0                                                                                                                | 443             |
| General basic               | 55.0                                | 41.0                            | 10.1                                                                                             | 1.3                                        | 0.9                                                                                     | 10.8                                                                                                               | 3,271           |
| General secondary           | 63.3                                | 50.2                            | 10.6                                                                                             | 1.7                                        | 1.1                                                                                     | 11.3                                                                                                               | 4,230           |
| Professional primary/middle | 82.8                                | 73.3                            | 19.2                                                                                             | 2.6                                        | 2.1                                                                                     | 19.7                                                                                                               | 778             |
| Higher                      | 91.7                                | 84.8                            | 38.3                                                                                             | 8.9                                        | 7.2                                                                                     | 40.0                                                                                                               | 1,157           |
| <b>Wealth quintile</b>      |                                     |                                 |                                                                                                  |                                            |                                                                                         |                                                                                                                    |                 |
| Lowest                      | 51.0                                | 31.1                            | 5.4                                                                                              | 0.2                                        | 0.2                                                                                     | 5.5                                                                                                                | 1,842           |
| Second                      | 57.3                                | 44.3                            | 6.8                                                                                              | 1.3                                        | 0.6                                                                                     | 7.8                                                                                                                | 1,967           |
| Middle                      | 59.7                                | 48.5                            | 10.6                                                                                             | 1.0                                        | 0.4                                                                                     | 11.3                                                                                                               | 1,966           |
| Fourth                      | 70.0                                | 60.8                            | 17.0                                                                                             | 1.9                                        | 1.0                                                                                     | 17.9                                                                                                               | 1,964           |
| Highest                     | 84.1                                | 74.2                            | 29.7                                                                                             | 7.2                                        | 6.2                                                                                     | 30.8                                                                                                               | 2,140           |
| <b>Total</b>                | 64.9                                | 52.4                            | 14.3                                                                                             | 2.4                                        | 1.8                                                                                     | 15.1                                                                                                               | 9,879           |

<sup>1</sup> Respondents were asked about use of a mobile phone for financial transactions whether or not they owned a mobile phone.

**Table 14.6 Participation in decision making**

Percent distribution of currently married women age 15–49 by person who usually makes decisions about various issues, Tajikistan DHS 2023

| Decision                          | Mainly wife | Wife and husband jointly | Mainly husband | Some-one else | Other | Total | Number of women |
|-----------------------------------|-------------|--------------------------|----------------|---------------|-------|-------|-----------------|
| Own health care                   | 13.2        | 41.9                     | 39.7           | 3.3           | 1.8   | 100.0 | 7,392           |
| Major household purchases         | 6.6         | 33.9                     | 44.9           | 9.9           | 4.7   | 100.0 | 7,392           |
| Visits to her family or relatives | 11.6        | 39.3                     | 37.8           | 8.4           | 3.0   | 100.0 | 7,392           |

Note: The term husband includes a partner with whom a woman is living as if married.

**Table 14.7 Women's participation in decision making according to background characteristics**

Percentage of currently married women age 15–49 who usually make specific decisions either alone or jointly with their husband, according to background characteristics, Tajikistan DHS 2023

| Background characteristic          | Specific decisions      |                                  |                                   | All three decisions | None of the three decisions | Number of women |
|------------------------------------|-------------------------|----------------------------------|-----------------------------------|---------------------|-----------------------------|-----------------|
|                                    | Woman's own health care | Making major household purchases | Visits to her family or relatives |                     |                             |                 |
| <b>Age</b>                         |                         |                                  |                                   |                     |                             |                 |
| 15–19                              | 38.7                    | 19.4                             | 28.8                              | 16.4                | 59.1                        | 220             |
| 20–24                              | 45.6                    | 27.1                             | 37.4                              | 23.1                | 49.0                        | 1,281           |
| 25–29                              | 47.7                    | 32.2                             | 40.7                              | 27.6                | 47.5                        | 1,437           |
| 30–34                              | 55.3                    | 41.0                             | 52.9                              | 35.3                | 37.1                        | 1,407           |
| 35–39                              | 61.3                    | 48.6                             | 57.9                              | 43.1                | 33.4                        | 1,291           |
| 40–44                              | 64.3                    | 51.2                             | 63.7                              | 46.1                | 28.4                        | 974             |
| 45–49                              | 66.7                    | 56.1                             | 66.5                              | 52.0                | 27.6                        | 781             |
| <b>Employment (past 12 months)</b> |                         |                                  |                                   |                     |                             |                 |
| Not employed                       | 50.8                    | 38.1                             | 46.9                              | 33.6                | 43.6                        | 5,716           |
| Employed for cash                  | 71.0                    | 51.1                             | 65.8                              | 45.0                | 22.1                        | 1,425           |
| Employed not for cash              | 62.5                    | 35.1                             | 56.8                              | 31.0                | 31.1                        | 251             |
| <b>Number of living children</b>   |                         |                                  |                                   |                     |                             |                 |
| 0                                  | 44.3                    | 27.5                             | 36.1                              | 23.7                | 51.0                        | 687             |
| 1–2                                | 52.7                    | 37.1                             | 46.9                              | 32.5                | 42.3                        | 2,572           |
| 3–4                                | 58.3                    | 43.7                             | 55.1                              | 38.7                | 35.4                        | 3,550           |
| 5+                                 | 58.7                    | 51.2                             | 59.8                              | 45.3                | 33.0                        | 584             |
| <b>Residence</b>                   |                         |                                  |                                   |                     |                             |                 |
| Urban                              | 61.8                    | 47.6                             | 57.5                              | 42.1                | 32.5                        | 1,870           |
| Rural                              | 52.8                    | 38.1                             | 48.6                              | 33.5                | 41.3                        | 5,522           |
| <b>Region</b>                      |                         |                                  |                                   |                     |                             |                 |
| Dushanbe                           | 76.3                    | 65.5                             | 72.2                              | 58.1                | 16.5                        | 708             |
| GBAO                               | 83.3                    | 62.6                             | 76.3                              | 56.7                | 11.7                        | 109             |
| Sughd                              | 55.9                    | 25.0                             | 49.3                              | 20.6                | 37.2                        | 2,160           |
| DRS                                | 63.6                    | 54.1                             | 58.1                              | 51.5                | 33.3                        | 1,782           |
| Khatlon                            | 41.7                    | 36.5                             | 40.5                              | 30.4                | 51.7                        | 2,634           |
| <b>FTF districts</b>               | 37.3                    | 32.6                             | 34.1                              | 27.9                | 57.7                        | 1,482           |
| <b>Education</b>                   |                         |                                  |                                   |                     |                             |                 |
| None/primary                       | 48.0                    | 35.4                             | 44.0                              | 27.8                | 43.5                        | 364             |
| General basic                      | 52.4                    | 42.1                             | 48.9                              | 37.0                | 41.2                        | 2,276           |
| General secondary                  | 53.1                    | 37.8                             | 49.6                              | 33.1                | 41.0                        | 3,391           |
| Professional primary/middle        | 62.6                    | 41.0                             | 56.6                              | 38.2                | 33.7                        | 551             |
| Higher                             | 68.8                    | 49.7                             | 60.5                              | 44.4                | 26.5                        | 811             |
| <b>Wealth quintile</b>             |                         |                                  |                                   |                     |                             |                 |
| Lowest                             | 44.4                    | 32.8                             | 40.5                              | 29.5                | 51.4                        | 1,390           |
| Second                             | 48.6                    | 34.6                             | 45.5                              | 29.6                | 44.7                        | 1,451           |
| Middle                             | 55.8                    | 42.3                             | 52.4                              | 36.6                | 36.9                        | 1,512           |
| Fourth                             | 58.6                    | 41.9                             | 53.4                              | 37.0                | 35.9                        | 1,566           |
| Highest                            | 67.0                    | 50.4                             | 61.7                              | 45.1                | 27.3                        | 1,474           |
| <b>Total</b>                       | 55.1                    | 40.5                             | 50.9                              | 35.7                | 39.1                        | 7,392           |

Note: The term husband includes a partner with whom a woman is living as if married.

**Table 14.8 Attitude toward wife beating**

Percentage of all women age 15–49 who agree that a husband is justified in hitting or beating his wife for specific reasons, according to background characteristics, Tajikistan DHS 2023

| Background characteristic          | Husband is justified in hitting or beating his wife if she: |                       |                 |                                             |                | Percentage who agree with at least one specified reason | Number of women |
|------------------------------------|-------------------------------------------------------------|-----------------------|-----------------|---------------------------------------------|----------------|---------------------------------------------------------|-----------------|
|                                    | Goes out without telling him                                | Neglects the children | Argues with him | Refuses to have sexual intercourse with him | Burns the food |                                                         |                 |
| <b>Age</b>                         |                                                             |                       |                 |                                             |                |                                                         |                 |
| 15–19                              | 23.3                                                        | 21.3                  | 23.1            | 9.3                                         | 10.9           | 30.5                                                    | 1,710           |
| 20–24                              | 39.6                                                        | 37.9                  | 40.4            | 22.4                                        | 18.7           | 47.2                                                    | 1,616           |
| 25–29                              | 44.2                                                        | 42.6                  | 45.4            | 27.0                                        | 24.2           | 53.2                                                    | 1,559           |
| 30–34                              | 45.3                                                        | 42.1                  | 45.4            | 26.9                                        | 23.1           | 53.8                                                    | 1,545           |
| 35–39                              | 45.7                                                        | 41.7                  | 47.1            | 24.6                                        | 21.4           | 55.0                                                    | 1,435           |
| 40–44                              | 41.2                                                        | 39.6                  | 44.2            | 24.3                                        | 19.9           | 49.9                                                    | 1,096           |
| 45–49                              | 40.0                                                        | 37.2                  | 41.0            | 22.0                                        | 19.0           | 48.3                                                    | 917             |
| <b>Employment (past 12 months)</b> |                                                             |                       |                 |                                             |                |                                                         |                 |
| Not employed                       | 39.7                                                        | 37.7                  | 40.5            | 22.7                                        | 20.2           | 47.3                                                    | 7,589           |
| Employed for cash                  | 38.9                                                        | 35.2                  | 40.1            | 20.7                                        | 17.2           | 48.7                                                    | 1,976           |
| Employed not for cash              | 37.8                                                        | 34.2                  | 39.8            | 14.7                                        | 16.9           | 53.7                                                    | 314             |
| <b>Number of living children</b>   |                                                             |                       |                 |                                             |                |                                                         |                 |
| 0                                  | 28.2                                                        | 25.9                  | 27.9            | 13.3                                        | 13.1           | 35.7                                                    | 2,732           |
| 1–2                                | 42.0                                                        | 39.1                  | 43.7            | 24.1                                        | 21.1           | 50.4                                                    | 2,874           |
| 3–4                                | 45.1                                                        | 42.8                  | 46.4            | 25.7                                        | 21.9           | 53.8                                                    | 3,678           |
| 5+                                 | 44.7                                                        | 43.5                  | 45.3            | 29.7                                        | 25.8           | 53.6                                                    | 595             |
| <b>Marital status</b>              |                                                             |                       |                 |                                             |                |                                                         |                 |
| Never married                      | 21.7                                                        | 19.9                  | 21.8            | 8.2                                         | 10.1           | 28.4                                                    | 1,964           |
| Married or living together         | 44.6                                                        | 42.3                  | 45.9            | 26.0                                        | 22.5           | 53.5                                                    | 7,392           |
| Divorced/separated/widowed         | 33.7                                                        | 28.1                  | 32.6            | 17.7                                        | 11.2           | 39.7                                                    | 522             |
| <b>Residence</b>                   |                                                             |                       |                 |                                             |                |                                                         |                 |
| Urban                              | 31.5                                                        | 29.4                  | 32.3            | 15.6                                        | 13.4           | 39.3                                                    | 2,705           |
| Rural                              | 42.5                                                        | 40.0                  | 43.5            | 24.5                                        | 21.7           | 51.0                                                    | 7,174           |
| <b>Region</b>                      |                                                             |                       |                 |                                             |                |                                                         |                 |
| Dushanbe                           | 24.3                                                        | 22.1                  | 23.9            | 10.0                                        | 7.2            | 31.3                                                    | 1,077           |
| GBAO                               | 16.9                                                        | 15.6                  | 14.5            | 8.7                                         | 5.4            | 28.6                                                    | 157             |
| Sughd                              | 36.2                                                        | 35.1                  | 42.9            | 9.8                                         | 10.7           | 51.4                                                    | 2,780           |
| DRS                                | 25.6                                                        | 19.0                  | 22.1            | 12.7                                        | 9.8            | 29.0                                                    | 2,356           |
| Khatlon                            | 57.2                                                        | 56.4                  | 57.0            | 42.3                                        | 37.2           | 63.5                                                    | 3,509           |
| <b>FTF districts</b>               | 54.7                                                        | 54.8                  | 54.4            | 39.4                                        | 36.1           | 60.9                                                    | 1,937           |
| <b>Education</b>                   |                                                             |                       |                 |                                             |                |                                                         |                 |
| None/primary                       | 48.3                                                        | 49.8                  | 46.5            | 29.3                                        | 23.5           | 56.4                                                    | 443             |
| General basic                      | 39.5                                                        | 36.7                  | 38.5            | 21.8                                        | 19.9           | 46.1                                                    | 3,271           |
| General secondary                  | 41.2                                                        | 39.5                  | 43.9            | 24.0                                        | 21.1           | 50.8                                                    | 4,230           |
| Professional primary/middle        | 35.1                                                        | 31.8                  | 35.0            | 17.5                                        | 15.0           | 42.0                                                    | 778             |
| Higher                             | 32.8                                                        | 28.2                  | 34.7            | 15.9                                        | 13.6           | 42.4                                                    | 1,157           |
| <b>Wealth quintile</b>             |                                                             |                       |                 |                                             |                |                                                         |                 |
| Lowest                             | 46.1                                                        | 45.1                  | 46.4            | 30.0                                        | 29.3           | 53.8                                                    | 1,842           |
| Second                             | 45.3                                                        | 43.8                  | 47.6            | 27.7                                        | 25.1           | 54.3                                                    | 1,967           |
| Middle                             | 41.8                                                        | 38.7                  | 41.3            | 24.2                                        | 19.1           | 49.4                                                    | 1,966           |
| Fourth                             | 37.5                                                        | 33.4                  | 38.0            | 17.4                                        | 14.7           | 46.3                                                    | 1,964           |
| Highest                            | 28.2                                                        | 25.9                  | 30.1            | 12.2                                        | 10.5           | 36.5                                                    | 2,140           |
| <b>Total</b>                       | 39.5                                                        | 37.1                  | 40.4            | 22.0                                        | 19.5           | 47.8                                                    | 9,879           |

Note: The term husband includes a partner with whom a woman is living as if married.

**Table 14.9 Attitudes toward negotiating safer sexual relations with husband**

Percentage of women age 15–49 who believe that a woman is justified in refusing to have sexual intercourse with her husband if she knows that he has sexual intercourse with other women, and percentage who believe that a woman is justified in asking that they use a condom if she knows that her husband has a sexually transmitted infection (STI), according to background characteristics, Tajikistan DHS 2023

| Background characteristic   | Woman is justified in:                                                                        |                                                                        | Number of women |
|-----------------------------|-----------------------------------------------------------------------------------------------|------------------------------------------------------------------------|-----------------|
|                             | Refusing to have sexual intercourse with her husband if she knows he has sex with other women | Asking that they use a condom if she knows that her husband has an STI |                 |
| <b>Age</b>                  |                                                                                               |                                                                        |                 |
| 15–24                       | 42.5                                                                                          | 37.1                                                                   | 3,327           |
| 15–19                       | 31.1                                                                                          | 27.9                                                                   | 1,710           |
| 20–24                       | 54.6                                                                                          | 46.7                                                                   | 1,616           |
| 25–29                       | 60.7                                                                                          | 50.6                                                                   | 1,559           |
| 30–39                       | 61.6                                                                                          | 55.8                                                                   | 2,980           |
| 40–49                       | 62.2                                                                                          | 56.1                                                                   | 2,014           |
| <b>Marital status</b>       |                                                                                               |                                                                        |                 |
| Never married               | 31.2                                                                                          | 29.3                                                                   | 1,964           |
| Ever had sex                | 38.0                                                                                          | 33.0                                                                   | 50              |
| Never had sex               | 31.1                                                                                          | 29.2                                                                   | 1,914           |
| Married/living together     | 61.3                                                                                          | 53.8                                                                   | 7,392           |
| Divorced/separated/widowed  | 58.1                                                                                          | 49.8                                                                   | 522             |
| <b>Residence</b>            |                                                                                               |                                                                        |                 |
| Urban                       | 60.5                                                                                          | 57.0                                                                   | 2,705           |
| Rural                       | 53.1                                                                                          | 45.6                                                                   | 7,174           |
| <b>Region</b>               |                                                                                               |                                                                        |                 |
| Dushanbe                    | 62.5                                                                                          | 63.6                                                                   | 1,077           |
| GBAO                        | 74.6                                                                                          | 62.8                                                                   | 157             |
| Sughd                       | 63.6                                                                                          | 58.3                                                                   | 2,780           |
| DRS                         | 57.9                                                                                          | 51.6                                                                   | 2,356           |
| Khatlon                     | 43.4                                                                                          | 34.0                                                                   | 3,509           |
| <b>FTF districts</b>        | 38.0                                                                                          | 30.7                                                                   | 1,937           |
| <b>Education</b>            |                                                                                               |                                                                        |                 |
| None/primary                | 48.7                                                                                          | 47.8                                                                   | 443             |
| General basic               | 51.6                                                                                          | 45.4                                                                   | 3,271           |
| General secondary           | 54.3                                                                                          | 46.1                                                                   | 4,230           |
| Professional primary/middle | 65.5                                                                                          | 61.0                                                                   | 778             |
| Higher                      | 63.8                                                                                          | 59.9                                                                   | 1,157           |
| <b>Wealth quintile</b>      |                                                                                               |                                                                        |                 |
| Lowest                      | 49.7                                                                                          | 37.3                                                                   | 1,842           |
| Second                      | 52.9                                                                                          | 46.9                                                                   | 1,967           |
| Middle                      | 51.6                                                                                          | 45.0                                                                   | 1,966           |
| Fourth                      | 57.2                                                                                          | 52.2                                                                   | 1,964           |
| Highest                     | 63.3                                                                                          | 60.5                                                                   | 2,140           |
| <b>Total</b>                | 55.2                                                                                          | 48.7                                                                   | 9,879           |

**Table 14.10 Ability to negotiate sexual relations with husband**

Percentage of currently married women age 15–49 who can say no to their husband if they do not want to have sexual intercourse, and percentage who can ask their husband to use a condom if they wanted to, according to background characteristics, Tajikistan DHS 2023

| Background characteristic   | Percentage who can say no to their husband if they do not want to have sexual intercourse | Percentage who can ask their husband to use a condom | Number of women |
|-----------------------------|-------------------------------------------------------------------------------------------|------------------------------------------------------|-----------------|
| <b>Age</b>                  |                                                                                           |                                                      |                 |
| 15–24                       | 59.7                                                                                      | 50.7                                                 | 1,501           |
| 15–19                       | 60.6                                                                                      | 45.9                                                 | 220             |
| 20–24                       | 59.6                                                                                      | 51.6                                                 | 1,281           |
| 25–29                       | 60.6                                                                                      | 53.2                                                 | 1,437           |
| 30–39                       | 63.5                                                                                      | 54.4                                                 | 2,698           |
| 40–49                       | 63.6                                                                                      | 53.4                                                 | 1,756           |
| <b>Residence</b>            |                                                                                           |                                                      |                 |
| Urban                       | 68.0                                                                                      | 58.4                                                 | 1,870           |
| Rural                       | 60.3                                                                                      | 51.4                                                 | 5,522           |
| <b>Region</b>               |                                                                                           |                                                      |                 |
| Dushanbe                    | 69.5                                                                                      | 65.5                                                 | 708             |
| GBAO                        | 75.1                                                                                      | 67.7                                                 | 109             |
| Sughd                       | 70.5                                                                                      | 54.3                                                 | 2,160           |
| DRS                         | 60.1                                                                                      | 61.3                                                 | 1,782           |
| Khatlon                     | 54.4                                                                                      | 42.8                                                 | 2,634           |
| <b>FTF districts</b>        | 45.1                                                                                      | 38.8                                                 | 1,482           |
| <b>Education</b>            |                                                                                           |                                                      |                 |
| None/primary                | 56.2                                                                                      | 48.2                                                 | 364             |
| General basic               | 61.8                                                                                      | 55.1                                                 | 2,276           |
| General secondary           | 59.0                                                                                      | 48.3                                                 | 3,391           |
| Professional primary/middle | 73.7                                                                                      | 61.6                                                 | 551             |
| Higher                      | 71.6                                                                                      | 64.7                                                 | 811             |
| <b>Wealth quintile</b>      |                                                                                           |                                                      |                 |
| Lowest                      | 59.9                                                                                      | 49.5                                                 | 1,390           |
| Second                      | 60.2                                                                                      | 50.4                                                 | 1,451           |
| Middle                      | 58.3                                                                                      | 46.9                                                 | 1,512           |
| Fourth                      | 60.9                                                                                      | 54.0                                                 | 1,566           |
| Highest                     | 71.7                                                                                      | 64.9                                                 | 1,474           |
| <b>Total</b>                | 62.2                                                                                      | 53.2                                                 | 7,392           |

Note: The term husband includes a partner with whom a woman is living as if married.

**Table 14.11 Women's participation in decision making regarding sexual and reproductive health**

Percentage of currently married women age 15–49 who make their own informed decisions regarding sexual relations, contraceptive use, and reproductive health care, according to background characteristics, Tajikistan DHS 2023

| Background characteristic          | Percentage who make decisions regarding sexual relations, contraceptive use, and reproductive care <sup>1</sup> | Number of currently married women |
|------------------------------------|-----------------------------------------------------------------------------------------------------------------|-----------------------------------|
| <b>Age</b>                         |                                                                                                                 |                                   |
| 15–19                              | 18.1                                                                                                            | 220                               |
| 20–24                              | 24.1                                                                                                            | 1,281                             |
| 25–29                              | 27.8                                                                                                            | 1,437                             |
| 30–34                              | 34.0                                                                                                            | 1,407                             |
| 35–39                              | 36.5                                                                                                            | 1,291                             |
| 40–44                              | 40.7                                                                                                            | 974                               |
| 45–49                              | 40.0                                                                                                            | 781                               |
| <b>Employment (past 12 months)</b> |                                                                                                                 |                                   |
| Not employed                       | 28.5                                                                                                            | 5,716                             |
| Employed for cash                  | 47.6                                                                                                            | 1,425                             |
| Employed not for cash              | 39.1                                                                                                            | 251                               |
| <b>Residence</b>                   |                                                                                                                 |                                   |
| Urban                              | 39.0                                                                                                            | 1,870                             |
| Rural                              | 30.4                                                                                                            | 5,522                             |
| <b>Region</b>                      |                                                                                                                 |                                   |
| Dushanbe                           | 49.0                                                                                                            | 708                               |
| GBAO                               | 58.2                                                                                                            | 109                               |
| Sughd                              | 37.9                                                                                                            | 2,160                             |
| DRS                                | 31.8                                                                                                            | 1,782                             |
| Khatlon                            | 23.1                                                                                                            | 2,634                             |
| <b>FTF districts</b>               | 19.0                                                                                                            | 1,482                             |
| <b>Education</b>                   |                                                                                                                 |                                   |
| None/primary                       | 23.5                                                                                                            | 364                               |
| General basic                      | 30.6                                                                                                            | 2,276                             |
| General secondary                  | 30.4                                                                                                            | 3,391                             |
| Professional primary/middle        | 42.2                                                                                                            | 551                               |
| Higher                             | 44.5                                                                                                            | 811                               |
| <b>Wealth quintile</b>             |                                                                                                                 |                                   |
| Lowest                             | 27.3                                                                                                            | 1,390                             |
| Second                             | 28.8                                                                                                            | 1,451                             |
| Middle                             | 30.7                                                                                                            | 1,512                             |
| Fourth                             | 31.1                                                                                                            | 1,566                             |
| Highest                            | 44.6                                                                                                            | 1,474                             |
| <b>Total</b>                       | 32.5                                                                                                            | 7,392                             |

<sup>1</sup> Percentages of currently married women who make decisions regarding sexual relations, contraceptive use, and health care are presented in Table 14.10, Table 7.15, and Table 14.7, respectively.

## Key Findings

- **Drinking water sources, availability, and treatment:** 93% of de jure household members have at least basic drinking water service, 52% report that they have had sufficient quantities of drinking water in the past month, and 93% use an appropriate treatment method to make their water safer to drink.
- **Sanitation:** Nearly all household members use an improved sanitation facility (99%), and none engage in open defecation.
- **Management of excreta:** 98% of household members manage and dispose of their excreta safely.
- **Disposal of children's stools:** 14% of children's stools are disposed of appropriately.
- **Handwashing:** Overall, 79% of the household population has access to a basic handwashing facility.
- **Menstrual hygiene:** 76% of women use cloth during their menstruation; nearly all women (98%) were able to wash and change in privacy during their most recent menstruation.

The extent to which households have access to and use safe drinking water and sanitation facilities and engage in hygienic practices has profound implications for the health, safety, and overall well-being of the population. This chapter presents information on source of drinking water, type of sanitation facility, disposal of excreta (including disposal of young children's stools), handwashing, and menstrual hygiene.

## 15.1 DRINKING WATER SOURCES, AVAILABILITY, AND TREATMENT

**Improved sources of drinking water**

Include piped water, public taps, standpipes, tube wells, boreholes, protected dug wells and springs, rainwater, water delivered via a tanker truck or a cart with a small tank, and bottled water.

**Sample:** Households and de jure population

In Tajikistan, 94% of the de jure population has access to an improved source of drinking water (**Table 15.1**). The majority of household residents have drinking water piped into their dwelling, yard, or plot (63%). Nine percent obtain water through tube wells or boreholes and 8% through public taps or standpipes. Only 1% of the population uses drinking water from an unimproved source, while 5% uses surface water.

Higher percentages of the population in rural areas use unimproved sources and surface water (2% and 7%, respectively) than the population in urban areas (less than 1% each).

**Trends:** The percentage of the population with access to an improved source of drinking water has increased gradually over the years, from 81% in 2012 and 84% in 2017 to 94% in 2023.



The percentage of the population with water on the premises has increased substantially over the past decade, from 46% in 2012 to 66% in 2017 and 88% in 2023.

### 15.1.1 Drinking Water Service Ladder

#### Drinking water service ladder

##### Safely managed

Drinking water from an improved water source that is located on the premises, available when needed, and free from fecal and priority chemical contamination.

##### Basic

Drinking water from an improved source, provided either water is on the premises or round-trip collection time is 30 minutes or less.

##### Limited

Drinking water from an improved source, and round-trip collection time is more than 30 minutes.

##### Unimproved

Drinking water from an unprotected dug well or unprotected spring.

##### Surface water

Drinking water directly from a river, dam, lake, pond, stream, canal, or irrigation canal.

**Sample:** De jure population

Building off the classification of drinking water sources as improved or unimproved, the Joint Monitoring Programme for Water Supply, Sanitation and Hygiene (JMP) has devised a five-rung drinking water service ladder to benchmark and compare progress towards achieving Sustainable Development Goal (SDG) targets (WHO/UNICEF 2018). The 2023 TjDHS captured information on four out of the five rungs; because the survey did not include testing drinking water for fecal or chemical contamination, safely managed and basic drinking water services cannot be distinguished and are grouped together in **Table 15.2** as “at least basic service.”

Ninety-three percent of the de jure population has access to at least basic drinking water service (**Table 15.2** and **Figure 15.1**).

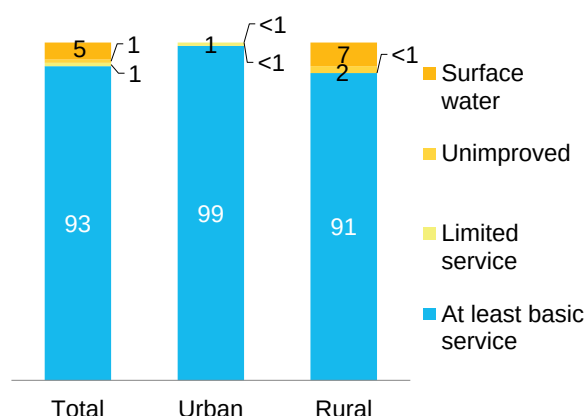
**Trends:** The population living in households with at least basic water service increased from 78% in 2012 and 84% in 2017 to 93% in 2023.

#### Patterns by background characteristics

- A higher percentage of the urban population than the rural population has access to at least basic drinking water service (99% versus 91%), while a higher percentage of the rural population uses surface water (7% versus less than 1%).

**Figure 15.1 Household population drinking water service by residence**

Percent distribution of de jure population by drinking water service ladder



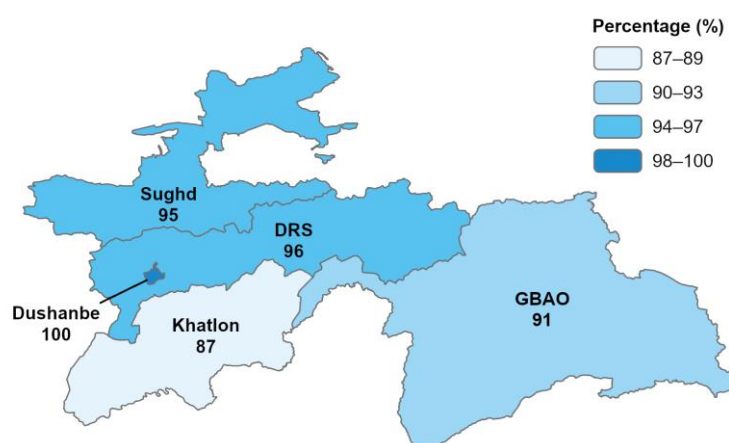
- All residents in Dushanbe have access to at least basic drinking water service (**Map 15.1**).

- Six percent of the population living in Gorno-Badakhshan Autonomous Oblast (GBAO) uses an unimproved drinking water source. Twelve percent of the population in Khatlon uses surface water.

- Access to at least basic drinking water service increases from 85% among the population in the lowest wealth quintile to almost 100% among the population in the highest quintile.

**Map 15.1 At least basic drinking water service by region**

*Percentage of household population with at least basic drinking water service*



### 15.1.2 Person Collecting Drinking Water

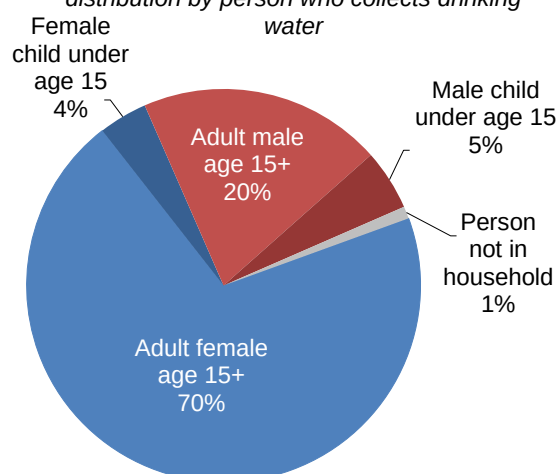
Twelve percent of the de jure population lives in households without drinking water on the premises (**Table 15.3**), and the majority of these residents use unimproved water sources (69%). In households without drinking water on the premises, water is usually collected by an adult female age 15 or older (70%), followed by an adult male age 15 or older (20%), a male child under age 15 (5%), and a female child under age 15 (4%) (**Figure 15.2**).

#### Patterns by background characteristics

- Fifteen percent of the rural population lives in a household without drinking water on the premises, as compared with 6% of the urban population. The variation in participation in drinking water collection between adult females and adult males is larger in rural areas (72% and 18%, respectively) than in urban areas (55% and 36%, respectively).
- By region, the percentage of the population living in households without drinking water on the premises is lowest in Dushanbe (less than 1%) and highest in Sughd (26%).
- In GBAO, there is almost equal participation by adult females and adult males in collection of drinking water (48% and 47%, respectively), while in Khatlon 89% of adult females and only 4% of males collect water.
- The percentage of the de jure population without drinking water on the premises decreases with increasing household wealth, from 24% in the lowest wealth quintile to 2% in the highest wealth quintile.

**Figure 15.2 Person collecting drinking water**

*Among de jure household population without drinking water on premises, percent distribution by person who collects drinking water*



### 15.1.3 Availability of Drinking Water

#### Availability of sufficient drinking water

Percentage of the population with sufficient quantities of drinking water in the past month.

**Sample:** De jure population

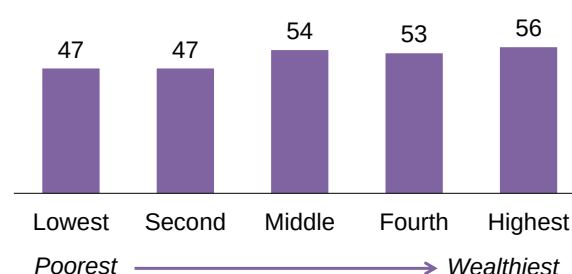
Only 52% of the population has sufficient quantities of drinking water (Table 15.4).

#### Patterns by background characteristics

- The percentage of the population reporting sufficient quantities of drinking water is the same in rural and urban areas (52%).
- Sixty-eight percent of the population in Dushanbe has sufficient drinking water, as compared with 44% in Sughd.
- Just over half of improved water sources (52%) are available in sufficient quantities, compared with 40% of unimproved sources.
- The percentage of the population with sufficient quantities of drinking water increases from 47% in the lowest and second wealth quintiles to 56% in the highest quintile (Figure 15.3).

**Figure 15.3 Availability of sufficient quantities of drinking water by household wealth**

*Percentage of household population with sufficient quantities of drinking water in the past month*



### 15.1.4 Treatment of Drinking Water

In Tajikistan, 93% of the population uses an appropriate method (boiling, bleaching, filtering, or solar disinfecting) to treat household drinking water. Boiling water is by far the most common method of water treatment (92%). The percentage of the population using appropriate water treatment methods is high across all drinking water sources. The percentage of the population using an appropriate method is much lower in GBAO (39%) than in the other regions (89%–98%) (Table 15.5).

**Trends:** The percentage of the population using appropriate drinking water treatment methods increased from 85% in 2012 to 93% in 2017 and 2023.

## 15.2 SANITATION

#### Improved sanitation facilities

Include flush/pour flush toilets that flush water and waste to a piped sewer system, septic tank, pit latrine, or unknown destination; ventilated improved pit (VIP) latrines; pit latrines with slabs; and composting toilets.

**Sample:** Households and de jure population

Nearly the entire de jure population in Tajikistan reported having an improved sanitation facility (99%) (Table 15.6). Most sanitation facilities are pit latrines with slabs (80%) and are located in the household's own yard or plot (83%) rather than in the dwelling (17%). Only 2% of the population reported having an unimproved sanitation facility, and no open defecation was reported.

**Trends:** The percentage of the population with an improved sanitation facility has remained high over the past decade, ranging from 97% in 2012 to 99% in 2017 and 2023.

## 15.2.1 Sanitation Service Ladder

### Sanitation service ladder

#### Safely managed

Use of improved facilities that are not shared with other households and where excreta are safely disposed of in situ or transported and treated off-site.

#### Basic

Use of improved facilities that are not shared with other households.

#### Limited

Use of improved facilities shared by two or more households.

#### Unimproved

Use of pit latrines without a slab or platform, hanging latrines, or bucket latrines.

#### Open defecation

Disposal of human feces in fields, forests, bushes, open bodies of water, beaches, or other open spaces or with solid waste.

**Sample:** De jure population

The JMP has also devised a five-rung sanitation service ladder to benchmark and compare progress towards achieving SDG targets related to sanitation. The 2023 TjDHS captured information about all five rungs. However, for those households whose excreta were taken off-site, it is not possible to know if they were treated appropriately; therefore, safely managed and basic sanitation services are grouped together in **Table 15.7** as “at least basic service.”

Overall, 97% of the population has at least basic sanitation service, 1% has limited service, and 2% has unimproved service; no open defecation was reported (**Figure 15.4**).

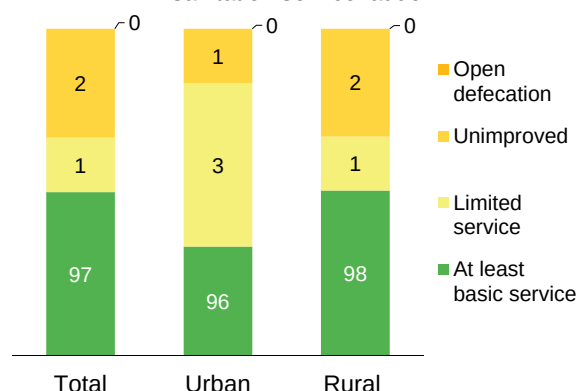
**Trends:** The percentage of the population with at least basic sanitation service increased from 94% in 2012 to 97% in 2017 and 2023.

### Patterns by background characteristics

- By region, the percentage of the population with at least basic service is lowest in GBAO (93%) and highest in Khatlon (98%).
- The percentage of the population with at least basic sanitation service is high in both rural (98%) and urban (96%) areas and across wealth quintiles (97–98%).

**Figure 15.4 Household population sanitation service by residence**

*Percent distribution of de jure population by sanitation service ladder*



## 15.2.2 Removal and Disposal of Excreta

### Disposal of excreta from on-site facilities

#### Excreta safely disposed of in situ

Includes septic tanks and latrines in which waste is buried in a covered pit, waste is never emptied, and it is unknown if waste is ever emptied.

#### Excreta disposed of unsafely

Includes septic tanks and latrines in which waste is emptied to uncovered pits, open ground, a water body, or other locations.

#### Excreta removed for treatment

Includes septic tanks and latrines in which waste is removed by a service provider to a treatment plant or an unknown location or is removed by a non-service provider to an unknown location.

**Sample:** De jure population with on-site sanitation facilities (septic tanks, pit latrines, and composting toilets)

Information on the disposal of excreta from sanitation facilities that are not connected to a sewer system is essential for assessing the percentage of the population using safely managed sanitation services.

Overall, 91% of the population with improved, on-site sanitation facilities had excreta safely disposed of in situ. For 8% of the population with on-site sanitation facilities, excreta were removed for treatment, while less than 1% had excreta disposed of unsafely (**Table 15.8**).

**Table 15.9** presents information on appropriate management of household excreta. Nearly all residents (98%) live in households that appropriately manage household excreta; 15% have sanitation facilities connected to a sewer, 79% safely dispose of excreta on-site, and 4% have excreta removed for treatment off-site.

### Patterns by background characteristics

- Appropriate management of household excreta is high in both urban (99%) and rural (97%) areas, in all regions (95%–99%), and across wealth quintiles (96%–99%).
- Fifty-four percent of the urban population lives in households with sanitation facilities that are connected to a sewer, as compared with only 1% of the rural population.
- Eighty-one percent of the population in Dushanbe lives in households with sanitation facilities connected to a sewer, compared with less than 10% of the population in the other regions.

## 15.3 DISPOSAL OF CHILDREN'S STOOLS

### Appropriate disposal of children's stools

The child's last stools were put or rinsed into a toilet or latrine, or the child used a toilet or latrine.

**Sample:** Youngest children under age 2 living with their mother

Proper disposal of human waste is important to prevent diseases transmitted through feces. Only 14% of children under age 2 living with their mother had their last stool disposed of appropriately. Ten percent of children's last stools were put/rinsed into a toilet or latrine, an appropriate method of disposal, while 84% were thrown into the garbage and 2% were buried, the two most common inappropriate methods (**Table 15.10**).

## 15.4 HANDWASHING

### Handwashing facilities

#### Basic

Availability of a handwashing facility on the premises with soap and water.

#### Limited

Availability of a handwashing facility on the premises without soap and water.

**Sample:** De jure population for whom a place for handwashing was observed or with no place for handwashing in dwelling, yard, or plot; excludes the de jure population for whom permission to see the facility was not granted

Handwashing is an important step in monitoring hygiene and preventing the spread of disease. Rather than asking direct questions on the practice of handwashing, which can be subject to overreporting, interviewers asked to see the place where members of the household most often washed their hands. A place for washing hands was observed for 96% of the de jure population (**Table 15.11**). Of the handwashing places observed, 89% were in a fixed location and 8% were mobile.

According to the definitions of handwashing facilities developed by the JMP, 79% of the population had a basic handwashing facility and 17% had a limited handwashing facility.

## 15.5 MENSTRUAL HYGIENE

### Appropriate menstrual hygiene materials

Reusable sanitary pads, disposable sanitary pads, tampons, menstrual cup, cloth, toilet paper, and/or cotton wool.

**Sample:** Women age 15–49 with a menstrual period in the past year

### Privacy and use of appropriate menstrual hygiene materials

Percentage of women who were able to wash and change in privacy and who used appropriate materials during their most recent menstruation.

**Sample:** Women age 15–49 with a menstrual period in the past year who were home during their most recent menstrual period

Using appropriate menstrual hygiene materials is important for women's health in general and their menstrual health in particular. In the 2023 TjDHS, women age 15–49 were asked what materials they use for menstrual hygiene. Seventy-six percent of women use cloth, 24% use disposable pads, 8% use reusable pads, and 2% use tampons (**Table 15.12**).

Women were also asked if they were able to wash and change in privacy during their most recent menstrual period; nearly all respondents (98%) reported that they were able to do so. Overall, 98% of women were able to wash and change in privacy and used appropriate materials during their most recent menstrual period (**Table 15.12**).

### Patterns by background characteristics

- A higher percentage of women in urban than rural areas use disposable pads (36% versus 19%) and reusable pads (16% versus 5%), while a higher percentage of women in rural areas use cloth (81% versus 62%).
- The percentage of women reporting that they can wash or change in privacy varies only minimally by age, residence, region, education, and wealth.

## LIST OF TABLES

For more information on water and sanitation characteristics, see the following tables:

- **Table 15.1**    **Household drinking water**
- **Table 15.2**    **Drinking water service ladder**
- **Table 15.3**    **Person collecting drinking water**
- **Table 15.4**    **Availability of sufficient drinking water**
- **Table 15.5**    **Treatment of household drinking water**
- **Table 15.6**    **Household sanitation facilities**
- **Table 15.7**    **Sanitation service ladder**
- **Table 15.8**    **Emptying and removal of waste from on-site sanitation facilities**
- **Table 15.9**    **Management of household excreta**
- **Table 15.10**   **Disposal of children's stools**
- **Table 15.11**   **Handwashing**
- **Table 15.12**   **Menstrual hygiene**

**Table 15.1 Household drinking water**

Percent distribution of households and de jure population by source of drinking water and by time to obtain drinking water, according to residence, Tajikistan DHS 2023

| Characteristic                                    | Households |       |       | Population |        |        |
|---------------------------------------------------|------------|-------|-------|------------|--------|--------|
|                                                   | Urban      | Rural | Total | Urban      | Rural  | Total  |
| <b>Source of drinking water</b>                   |            |       |       |            |        |        |
| <b>Improved source</b>                            | 99.8       | 91.4  | 93.9  | 99.7       | 91.3   | 93.5   |
| Piped into dwelling/yard/plot                     | 88.1       | 53.6  | 63.9  | 87.8       | 53.6   | 62.5   |
| Piped to neighbor                                 | 0.8        | 4.7   | 3.5   | 0.9        | 4.3    | 3.4    |
| Public tap/standpipe                              | 5.9        | 9.2   | 8.2   | 6.1        | 8.8    | 8.1    |
| Tube well or borehole                             | 3.0        | 10.9  | 8.6   | 3.2        | 10.9   | 8.9    |
| Protected dug well                                | 1.4        | 8.4   | 6.3   | 1.3        | 8.6    | 6.7    |
| Protected spring                                  | 0.0        | 1.6   | 1.1   | 0.0        | 1.5    | 1.1    |
| Tanker truck/cart with small tank                 | 0.5        | 3.1   | 2.3   | 0.5        | 3.5    | 2.7    |
| Bottled water                                     | 0.0        | 0.0   | 0.0   | 0.0        | 0.0    | 0.0    |
| <b>Unimproved source</b>                          | 0.2        | 2.0   | 1.4   | 0.2        | 1.9    | 1.4    |
| Unprotected dug well                              | 0.0        | 0.1   | 0.1   | 0.0        | 0.1    | 0.1    |
| Unprotected spring                                | 0.1        | 1.5   | 1.0   | 0.1        | 1.3    | 1.0    |
| Other                                             | 0.1        | 0.4   | 0.3   | 0.1        | 0.4    | 0.3    |
| <b>Surface water</b>                              | 0.1        | 6.6   | 4.7   | 0.1        | 6.8    | 5.1    |
| Total                                             | 100.0      | 100.0 | 100.0 | 100.0      | 100.0  | 100.0  |
| <b>Time to obtain drinking water (round trip)</b> |            |       |       |            |        |        |
| Water on premises <sup>1</sup>                    | 94.6       | 84.5  | 87.5  | 94.3       | 85.2   | 87.6   |
| 30 minutes or less                                | 4.6        | 14.8  | 11.8  | 4.7        | 14.3   | 11.8   |
| More than 30 minutes                              | 0.7        | 0.6   | 0.6   | 0.9        | 0.5    | 0.6    |
| Don't know                                        | 0.2        | 0.0   | 0.1   | 0.1        | 0.0    | 0.1    |
| Total                                             | 100.0      | 100.0 | 100.0 | 100.0      | 100.0  | 100.0  |
| Number of households/<br>population               | 2,393      | 5,642 | 8,035 | 11,813     | 33,480 | 45,294 |

<sup>1</sup> Includes water piped to a neighbor and those reporting a round-trip collection time of zero minutes

**Table 15.2 Drinking water service ladder**

Percent distribution of de jure population by drinking water service ladder, according to background characteristics, Tajikistan DHS 2023

| Background characteristic | At least basic service <sup>1</sup> | Limited service <sup>2</sup> | Unimproved <sup>3</sup> | Surface water | Total | Number of persons |
|---------------------------|-------------------------------------|------------------------------|-------------------------|---------------|-------|-------------------|
| <b>Residence</b>          |                                     |                              |                         |               |       |                   |
| Urban                     | 98.7                                | 1.0                          | 0.2                     | 0.1           | 100.0 | 11,813            |
| Rural                     | 90.9                                | 0.4                          | 1.9                     | 6.8           | 100.0 | 33,480            |
| <b>Region</b>             |                                     |                              |                         |               |       |                   |
| Dushanbe                  | 100.0                               | 0.0                          | 0.0                     | 0.0           | 100.0 | 4,506             |
| GBAO                      | 90.7                                | 0.3                          | 6.2                     | 2.9           | 100.0 | 810               |
| Sughd                     | 95.0                                | 2.0                          | 3.0                     | 0.0           | 100.0 | 12,706            |
| DRS                       | 96.2                                | 0.0                          | 0.9                     | 2.9           | 100.0 | 10,677            |
| Khatlon                   | 87.4                                | 0.0                          | 0.8                     | 11.8          | 100.0 | 16,596            |
| <b>FTF districts</b>      | 79.1                                | 0.0                          | 0.7                     | 20.1          | 100.0 | 9,209             |
| <b>Wealth quintile</b>    |                                     |                              |                         |               |       |                   |
| Lowest                    | 84.7                                | 1.5                          | 2.4                     | 11.5          | 100.0 | 9,054             |
| Second                    | 91.5                                | 0.6                          | 2.1                     | 5.8           | 100.0 | 9,067             |
| Middle                    | 91.1                                | 0.3                          | 2.2                     | 6.4           | 100.0 | 9,057             |
| Fourth                    | 97.5                                | 0.4                          | 0.5                     | 1.6           | 100.0 | 9,058             |
| Highest                   | 99.8                                | 0.0                          | 0.1                     | 0.1           | 100.0 | 9,056             |
| Total                     | 92.9                                | 0.6                          | 1.4                     | 5.1           | 100.0 | 45,294            |

Note: Service ladder concept/definitions are based on the WHO/UNICEF Joint Monitoring Programme for Water Supply, Sanitation and Hygiene (JMP).

<sup>1</sup> Defined as drinking water from an improved source, provided either water is on the premises or round-trip collection time is 30 minutes or less. Includes safely managed drinking water, which is not shown separately.

<sup>2</sup> Drinking water from an improved source, and round-trip collection time is more than 30 minutes or is unknown

<sup>3</sup> Drinking water from an unprotected dug well or unprotected spring



**Table 15.3 Person collecting drinking water**

Percentage of de jure population in households without drinking water on premises, and percent distribution of de jure population in households without drinking water on premises by the person who usually collects drinking water used in the household, according to background characteristics, Tajikistan DHS 2023

| Background characteristic       | Percent-age of de jure population without drinking water on premises <sup>1</sup> | Number of persons | Person who usually collects drinking water |                            |                           |                         |                         | Total | Number of persons without drinking water on premises <sup>1</sup> |
|---------------------------------|-----------------------------------------------------------------------------------|-------------------|--------------------------------------------|----------------------------|---------------------------|-------------------------|-------------------------|-------|-------------------------------------------------------------------|
|                                 |                                                                                   |                   | Adult female age 15 or older               | Adult male age 15 or older | Female child under age 15 | Male child under age 15 | Person not in household |       |                                                                   |
| <b>Residence</b>                |                                                                                   |                   |                                            |                            |                           |                         |                         |       |                                                                   |
| Urban                           | 5.7                                                                               | 11,813            | 55.3                                       | 36.1                       | 4.0                       | 4.2                     | 0.4                     | 100.0 | 671                                                               |
| Rural                           | 14.8                                                                              | 33,480            | 72.2                                       | 17.8                       | 4.4                       | 4.9                     | 0.7                     | 100.0 | 4,941                                                             |
| <b>Region</b>                   |                                                                                   |                   |                                            |                            |                           |                         |                         |       |                                                                   |
| Dushanbe                        | 0.2                                                                               | 4,506             | *                                          | *                          | *                         | *                       | *                       | 100.0 | 7                                                                 |
| GBAO                            | 19.2                                                                              | 810               | 47.7                                       | 46.5                       | 0.0                       | 5.6                     | 0.2                     | 100.0 | 156                                                               |
| Sughd                           | 25.5                                                                              | 12,706            | 60.3                                       | 27.7                       | 4.7                       | 6.5                     | 0.7                     | 100.0 | 3,242                                                             |
| DRS                             | 4.6                                                                               | 10,677            | 76.6                                       | 15.7                       | 3.0                       | 2.6                     | 2.1                     | 100.0 | 492                                                               |
| Khatlon                         | 10.3                                                                              | 16,596            | 89.0                                       | 4.1                        | 4.4                       | 2.3                     | 0.2                     | 100.0 | 1,716                                                             |
| <b>FTF districts</b>            | 12.6                                                                              | 9,209             | 86.8                                       | 5.8                        | 3.8                       | 3.3                     | 0.2                     | 100.0 | 1,165                                                             |
| <b>Source of drinking water</b> |                                                                                   |                   |                                            |                            |                           |                         |                         |       |                                                                   |
| Improved                        | 9.8                                                                               | 42,341            | 67.3                                       | 22.7                       | 3.9                       | 5.4                     | 0.7                     | 100.0 | 4,150                                                             |
| Unimproved                      | 69.2                                                                              | 653               | 60.5                                       | 25.6                       | 5.9                       | 7.3                     | 0.6                     | 100.0 | 452                                                               |
| Surface                         | 43.9                                                                              | 2,300             | 86.6                                       | 6.4                        | 5.4                       | 1.3                     | 0.3                     | 100.0 | 1,010                                                             |
| <b>Wealth quintile</b>          |                                                                                   |                   |                                            |                            |                           |                         |                         |       |                                                                   |
| Lowest                          | 23.7                                                                              | 9,054             | 74.2                                       | 18.7                       | 3.4                       | 3.3                     | 0.4                     | 100.0 | 2,149                                                             |
| Second                          | 16.9                                                                              | 9,067             | 67.6                                       | 20.3                       | 3.8                       | 8.0                     | 0.2                     | 100.0 | 1,533                                                             |
| Middle                          | 13.3                                                                              | 9,057             | 65.5                                       | 23.5                       | 4.8                       | 4.8                     | 1.4                     | 100.0 | 1,202                                                             |
| Fourth                          | 6.5                                                                               | 9,058             | 69.3                                       | 17.9                       | 8.2                       | 3.5                     | 1.1                     | 100.0 | 591                                                               |
| Highest                         | 1.5                                                                               | 9,056             | 81.1                                       | 14.6                       | 4.3                       | 0.0                     | 0.0                     | 100.0 | 138                                                               |
| <b>Total</b>                    | 12.4                                                                              | 45,294            | 70.2                                       | 20.0                       | 4.3                       | 4.8                     | 0.6                     | 100.0 | 5,612                                                             |

Note: An asterisk indicates that a figure is based on fewer than 25 unweighted cases and has been suppressed.

<sup>1</sup> Excludes water piped to a neighbor and those reporting a round-trip collection time of zero minutes

**Table 15.4 Availability of sufficient drinking water**

Percentage of de jure population with sufficient quantities of drinking water when needed, according to background characteristics, Tajikistan DHS 2023

| Background characteristic                         | Percentage with drinking water available in sufficient quantities <sup>1</sup> | Number of persons |
|---------------------------------------------------|--------------------------------------------------------------------------------|-------------------|
| <b>Residence</b>                                  |                                                                                |                   |
| Urban                                             | 51.5                                                                           | 11,813            |
| Rural                                             | 51.6                                                                           | 33,480            |
| <b>Region</b>                                     |                                                                                |                   |
| Dushanbe                                          | 67.5                                                                           | 4,506             |
| GBAO                                              | 51.7                                                                           | 810               |
| Sughd                                             | 44.0                                                                           | 12,706            |
| DRS                                               | 59.9                                                                           | 10,677            |
| Khatlon                                           | 47.8                                                                           | 16,596            |
| <b>FTF districts</b>                              | 55.6                                                                           | 9,209             |
| <b>Source of drinking water</b>                   |                                                                                |                   |
| Improved                                          | 52.3                                                                           | 42,341            |
| Unimproved                                        | 39.6                                                                           | 653               |
| Surface                                           | 41.6                                                                           | 2,300             |
| <b>Time to obtain drinking water (round trip)</b> |                                                                                |                   |
| Water on premises <sup>1</sup>                    | 53.3                                                                           | 39,681            |
| 30 minutes or less                                | 40.3                                                                           | 5,325             |
| More than 30 minutes                              | 15.4                                                                           | 263               |
| Don't know                                        | 39.7                                                                           | 24                |
| <b>Wealth quintile</b>                            |                                                                                |                   |
| Lowest                                            | 47.4                                                                           | 9,054             |
| Second                                            | 47.4                                                                           | 9,067             |
| Middle                                            | 54.4                                                                           | 9,057             |
| Fourth                                            | 53.2                                                                           | 9,058             |
| Highest                                           | 55.5                                                                           | 9,056             |
| <b>Total</b>                                      | 51.6                                                                           | 45,294            |

<sup>1</sup> Defined as having sufficient quantities of drinking water in the past month

<sup>2</sup> Includes water piped to a neighbor and those reporting a round-trip collection time of zero minutes

**Table 15.5 Treatment of household drinking water**

Percentage of de jure population using various methods to treat drinking water, and percentage using an appropriate treatment method, according to background characteristics, Tajikistan DHS 2023

| Background characteristic       | Boiled | Bleach/<br>chlorine<br>added | Strained<br>through<br>cloth | Ceramic,<br>sand, or<br>other filter | Solar<br>disinfection | Let stand<br>and settle | Other | No<br>treatment | Percentage<br>using an<br>appropriate<br>treatment method <sup>1</sup> | Number of<br>persons |
|---------------------------------|--------|------------------------------|------------------------------|--------------------------------------|-----------------------|-------------------------|-------|-----------------|------------------------------------------------------------------------|----------------------|
| <b>Residence</b>                |        |                              |                              |                                      |                       |                         |       |                 |                                                                        |                      |
| Urban                           | 92.9   | 0.0                          | 0.3                          | 3.7                                  | 0.0                   | 15.7                    | 0.2   | 4.6             | 93.9                                                                   | 11,813               |
| Rural                           | 92.0   | 0.0                          | 1.2                          | 0.3                                  | 0.0                   | 19.9                    | 0.0   | 5.5             | 92.0                                                                   | 33,480               |
| <b>Region</b>                   |        |                              |                              |                                      |                       |                         |       |                 |                                                                        |                      |
| Dushanbe                        | 90.8   | 0.0                          | 0.1                          | 6.3                                  | 0.0                   | 13.0                    | 0.5   | 4.9             | 92.9                                                                   | 4,506                |
| GBAO                            | 39.0   | 0.0                          | 0.5                          | 0.3                                  | 0.0                   | 0.3                     | 0.0   | 59.9            | 39.3                                                                   | 810                  |
| Sughd                           | 98.1   | 0.0                          | 1.3                          | 1.3                                  | 0.0                   | 22.5                    | 0.0   | 0.9             | 98.2                                                                   | 12,706               |
| DRS                             | 88.6   | 0.0                          | 0.1                          | 0.7                                  | 0.0                   | 11.8                    | 0.0   | 9.1             | 88.9                                                                   | 10,677               |
| Khatlon                         | 93.0   | 0.0                          | 1.5                          | 0.1                                  | 0.0                   | 23.0                    | 0.0   | 3.6             | 93.0                                                                   | 16,596               |
| <b>FTF districts</b>            | 96.2   | 0.0                          | 2.6                          | 0.0                                  | 0.0                   | 22.0                    | 0.0   | 1.8             | 96.2                                                                   | 9,209                |
| <b>Source of drinking water</b> |        |                              |                              |                                      |                       |                         |       |                 |                                                                        |                      |
| Improved                        | 92.2   | 0.0                          | 0.8                          | 1.2                                  | 0.0                   | 17.5                    | 0.0   | 5.5             | 92.5                                                                   | 42,341               |
| Unimproved                      | 94.0   | 0.0                          | 0.0                          | 0.0                                  | 0.0                   | 23.9                    | 0.0   | 4.8             | 94.0                                                                   | 653                  |
| Surface                         | 91.5   | 0.0                          | 3.8                          | 2.1                                  | 0.0                   | 40.8                    | 0.0   | 1.6             | 92.2                                                                   | 2,300                |
| <b>Wealth quintile</b>          |        |                              |                              |                                      |                       |                         |       |                 |                                                                        |                      |
| Lowest                          | 89.6   | 0.0                          | 1.6                          | 0.1                                  | 0.0                   | 20.6                    | 0.0   | 7.0             | 89.6                                                                   | 9,054                |
| Second                          | 91.9   | 0.0                          | 0.9                          | 0.1                                  | 0.0                   | 19.0                    | 0.0   | 5.1             | 91.9                                                                   | 9,067                |
| Middle                          | 93.2   | 0.0                          | 1.5                          | 0.4                                  | 0.0                   | 17.6                    | 0.0   | 4.7             | 93.3                                                                   | 9,057                |
| Fourth                          | 94.0   | 0.0                          | 0.4                          | 0.8                                  | 0.0                   | 20.3                    | 0.0   | 4.5             | 94.3                                                                   | 9,058                |
| Highest                         | 92.4   | 0.0                          | 0.2                          | 4.7                                  | 0.0                   | 16.7                    | 0.2   | 5.0             | 93.5                                                                   | 9,056                |
| <b>Total</b>                    | 92.2   | 0.0                          | 0.9                          | 1.2                                  | 0.0                   | 18.8                    | 0.0   | 5.3             | 92.5                                                                   | 45,294               |

Note: Respondents may report multiple treatment methods, so the sum of treatment may exceed 100%. In GBAO, 0.1% of the population reported "don't know," which is not shown separately.

<sup>1</sup> Appropriate water treatment methods are boiling, bleaching, filtering, and solar disinfecting.

**Table 15.6 Household sanitation facilities**

Percent distribution of households and de jure population by type of toilet/latrine facilities, and percent distribution of households and de jure population with a toilet/latrine facility by location of the facility, according to residence, Tajikistan DHS 2023

| Type and location of toilet/latrine facility                   | Households |       |       | Population |        |        |
|----------------------------------------------------------------|------------|-------|-------|------------|--------|--------|
|                                                                | Urban      | Rural | Total | Urban      | Rural  | Total  |
| <b>Improved sanitation facility</b>                            | 99.5       | 98.1  | 98.5  | 99.4       | 98.2   | 98.5   |
| Flush/pour flush to piped sewer system                         | 58.8       | 0.9   | 18.1  | 54.1       | 0.9    | 14.8   |
| Flush/pour flush to septic tank                                | 1.0        | 0.5   | 0.6   | 1.0        | 0.4    | 0.6    |
| Flush/pour flush to pit latrine                                | 3.2        | 1.1   | 1.7   | 3.5        | 1.0    | 1.6    |
| Flush/pour flush, don't know where                             | 0.0        | 0.1   | 0.1   | 0.0        | 0.1    | 0.1    |
| Ventilated improved pit (VIP) latrine                          | 0.0        | 0.3   | 0.2   | 0.0        | 0.3    | 0.2    |
| Pit latrine with slab                                          | 36.2       | 92.7  | 75.9  | 40.5       | 93.2   | 79.5   |
| Composting toilet                                              | 0.2        | 2.5   | 1.8   | 0.2        | 2.3    | 1.8    |
| <b>Unimproved sanitation facility</b>                          | 0.5        | 1.9   | 1.5   | 0.6        | 1.8    | 1.5    |
| Flush/pour flush not to sewer/septic tank/pit latrine          | 0.0        | 0.1   | 0.1   | 0.0        | 0.1    | 0.1    |
| Pit latrine without slab/open pit                              | 0.5        | 1.6   | 1.3   | 0.6        | 1.6    | 1.3    |
| Bucket                                                         | 0.0        | 0.1   | 0.1   | 0.0        | 0.1    | 0.1    |
| <b>Open defecation (no facility/bush/field)</b>                | 0.0        | 0.0   | 0.0   | 0.0        | 0.0    | 0.0    |
| <b>Total</b>                                                   | 100.0      | 100.0 | 100.0 | 100.0      | 100.0  | 100.0  |
| Number of households/population                                | 2,393      | 5,642 | 8,035 | 11,813     | 33,480 | 45,294 |
| <b>Location of toilet facility</b>                             |            |       |       |            |        |        |
| In own dwelling                                                | 56.8       | 5.0   | 20.5  | 51.7       | 4.5    | 16.8   |
| In own yard/plot                                               | 41.9       | 94.6  | 78.9  | 47.3       | 95.1   | 82.6   |
| Elsewhere                                                      | 1.2        | 0.4   | 0.7   | 1.1        | 0.4    | 0.5    |
| <b>Total</b>                                                   | 100.0      | 100.0 | 100.0 | 100.0      | 100.0  | 100.0  |
| Number of households/population with a toilet/latrine facility | 2,393      | 5,640 | 8,033 | 11,813     | 33,475 | 45,288 |

**Table 15.7 Sanitation service ladder**

Percent distribution of de jure population by type of sanitation service, according to background characteristics, Tajikistan DHS 2023

| Background characteristic | At least basic service <sup>1</sup> | Limited service <sup>2</sup> | Unimproved <sup>3</sup> | Open defecation | Total | Number of persons |
|---------------------------|-------------------------------------|------------------------------|-------------------------|-----------------|-------|-------------------|
| <b>Residence</b>          |                                     |                              |                         |                 |       |                   |
| Urban                     | 96.1                                | 3.3                          | 0.6                     | 0.0             | 100.0 | 11,813            |
| Rural                     | 97.6                                | 0.5                          | 1.8                     | 0.0             | 100.0 | 33,480            |
| <b>Region</b>             |                                     |                              |                         |                 |       |                   |
| Dushanbe                  | 96.4                                | 2.8                          | 0.8                     | 0.0             | 100.0 | 4,506             |
| GBAO                      | 93.3                                | 5.5                          | 0.5                     | 0.7             | 100.0 | 810               |
| Sughd                     | 97.2                                | 1.0                          | 1.8                     | 0.0             | 100.0 | 12,706            |
| DRS                       | 96.4                                | 0.9                          | 2.7                     | 0.0             | 100.0 | 10,677            |
| Khatlon                   | 98.2                                | 1.1                          | 0.7                     | 0.0             | 100.0 | 16,596            |
| <b>FTF districts</b>      | 98.8                                | 0.7                          | 0.4                     | 0.0             | 100.0 | 9,209             |
| <b>Wealth quintile</b>    |                                     |                              |                         |                 |       |                   |
| Lowest                    | 97.1                                | 0.9                          | 1.9                     | 0.0             | 100.0 | 9,054             |
| Second                    | 97.2                                | 0.9                          | 1.9                     | 0.0             | 100.0 | 9,067             |
| Middle                    | 97.1                                | 0.6                          | 2.3                     | 0.0             | 100.0 | 9,057             |
| Fourth                    | 97.5                                | 1.4                          | 1.1                     | 0.0             | 100.0 | 9,058             |
| Highest                   | 97.4                                | 2.4                          | 0.2                     | 0.0             | 100.0 | 9,056             |
| Total                     | 97.2                                | 1.3                          | 1.5                     | 0.0             | 100.0 | 45,294            |

Note: Service ladder concept/definitions are based on the WHO/UNICEF Joint Monitoring Programme for Water Supply, Sanitation and Hygiene (JMP).

<sup>1</sup> Defined as use of improved facilities that are not shared with other households. Includes safely managed sanitation service, which is not shown separately.

<sup>2</sup> Defined as use of improved facilities shared by two or more households

<sup>3</sup> Use of flush/pour flush toilet not to sewer, septic tank, or pit latrine; pit latrine without a slab/open pit; hanging toilet/latrine; or bucket

**Table 15.8 Emptying and removal of waste from on-site sanitation facilities**

Percent distribution of de jure population in households with septic tanks and improved latrines by method of emptying and removal, and percentage of the population with on-site sanitation facilities for which excreta were safely disposed of in situ, percentage with on-site sanitation facilities for which excreta were disposed of unsafely, and percentage with on-site sanitation facilities for which excreta were removed for treatment, according to background characteristics, Tajikistan DHS 2023

| Background characteristic              | Percent distribution of method of emptying and disposal of waste from septic tanks or other on-site sanitation facilities |                                                 |                         |                                                                 |                                  |               |                            | Percentage of population with on-site sanitation facilities for which: |                                                      |                                                |                                                 | Number of persons with improved on-site sanitation facilities |
|----------------------------------------|---------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------|-------------------------|-----------------------------------------------------------------|----------------------------------|---------------|----------------------------|------------------------------------------------------------------------|------------------------------------------------------|------------------------------------------------|-------------------------------------------------|---------------------------------------------------------------|
|                                        | Removed by a service provider to treatment plant                                                                          | Removed by a service provider, don't know where | Buried in a covered pit | Emptied to uncovered pit, open ground, water body, or elsewhere | Don't know where waste was taken | Never emptied | Don't know if ever emptied | Total                                                                  | Excreta were safely disposed of in situ <sup>1</sup> | Excreta were disposed of unsafely <sup>2</sup> | Excreta were removed for treatment <sup>3</sup> |                                                               |
| <b>Sanitation facility type</b>        |                                                                                                                           |                                                 |                         |                                                                 |                                  |               |                            |                                                                        |                                                      |                                                |                                                 |                                                               |
| Flush to septic tank                   | 0.0                                                                                                                       | 21.0                                            | 0.0                     | 0.0                                                             | 0.0                              | 74.9          | 4.1                        | 100.0                                                                  | 79.0                                                 | 0.0                                            | 21.0                                            | 256                                                           |
| Latrines and other improved facilities | 1.5                                                                                                                       | 6.4                                             | 4.4                     | 0.7                                                             | 0.4                              | 86.2          | 0.5                        | 100.0                                                                  | 91.1                                                 | 0.7                                            | 8.3                                             | 37,644                                                        |
| Flush to pit latrine                   | 2.6                                                                                                                       | 6.1                                             | 0.0                     | 0.0                                                             | 0.0                              | 87.1          | 4.2                        | 100.0                                                                  | 91.3                                                 | 0.0                                            | 8.7                                             | 746                                                           |
| Ventilated improved pit (VIP) latrine  | 5.0                                                                                                                       | 6.3                                             | 0.0                     | 0.0                                                             | 0.0                              | 88.7          | 0.0                        | 100.0                                                                  | 88.7                                                 | 0.0                                            | 11.3                                            | 89                                                            |
| Pit latrine with slab                  | 1.5                                                                                                                       | 6.1                                             | 3.5                     | 0.1                                                             | 0.4                              | 88.0          | 0.4                        | 100.0                                                                  | 91.9                                                 | 0.1                                            | 8.0                                             | 36,003                                                        |
| Composting toilet                      | 0.0                                                                                                                       | 20.0                                            | 50.7                    | 26.9                                                            | 0.0                              | 2.4           | 0.0                        | 100.0                                                                  | 53.1                                                 | 26.9                                           | 20.0                                            | 807                                                           |
| <b>Residence</b>                       |                                                                                                                           |                                                 |                         |                                                                 |                                  |               |                            |                                                                        |                                                      |                                                |                                                 |                                                               |
| Urban                                  | 3.8                                                                                                                       | 11.1                                            | 2.7                     | 0.3                                                             | 2.2                              | 78.2          | 1.6                        | 100.0                                                                  | 82.6                                                 | 0.3                                            | 17.2                                            | 5,346                                                         |
| Rural                                  | 1.1                                                                                                                       | 5.7                                             | 4.7                     | 0.8                                                             | 0.1                              | 87.4          | 0.3                        | 100.0                                                                  | 92.4                                                 | 0.8                                            | 6.9                                             | 32,554                                                        |
| <b>Region</b>                          |                                                                                                                           |                                                 |                         |                                                                 |                                  |               |                            |                                                                        |                                                      |                                                |                                                 |                                                               |
| Dushanbe                               | 5.2                                                                                                                       | 10.7                                            | 0.0                     | 0.0                                                             | 2.0                              | 78.3          | 3.9                        | 100.0                                                                  | 82.2                                                 | 0.0                                            | 17.8                                            | 811                                                           |
| GBAO                                   | 0.1                                                                                                                       | 0.3                                             | 0.0                     | 0.0                                                             | 0.0                              | 97.0          | 2.6                        | 100.0                                                                  | 99.6                                                 | 0.0                                            | 0.4                                             | 735                                                           |
| Sughd                                  | 1.6                                                                                                                       | 8.3                                             | 4.6                     | 2.3                                                             | 0.4                              | 82.3          | 0.5                        | 100.0                                                                  | 87.4                                                 | 2.3                                            | 10.3                                            | 11,278                                                        |
| DRS                                    | 2.2                                                                                                                       | 1.6                                             | 0.2                     | 0.0                                                             | 0.2                              | 95.5          | 0.3                        | 100.0                                                                  | 96.0                                                 | 0.0                                            | 4.0                                             | 9,729                                                         |
| Khatlon                                | 0.8                                                                                                                       | 8.3                                             | 7.4                     | 0.0                                                             | 0.5                              | 82.7          | 0.3                        | 100.0                                                                  | 90.5                                                 | 0.0                                            | 9.5                                             | 15,347                                                        |
| <b>FTF districts</b>                   | 1.1                                                                                                                       | 9.9                                             | 2.4                     | 0.0                                                             | 0.2                              | 86.0          | 0.4                        | 100.0                                                                  | 88.8                                                 | 0.0                                            | 11.2                                            | 8,847                                                         |
| <b>Wealth quintile</b>                 |                                                                                                                           |                                                 |                         |                                                                 |                                  |               |                            |                                                                        |                                                      |                                                |                                                 |                                                               |
| Lowest                                 | 0.3                                                                                                                       | 2.9                                             | 2.5                     | 0.3                                                             | 0.1                              | 93.6          | 0.3                        | 100.0                                                                  | 96.4                                                 | 0.3                                            | 3.3                                             | 8,861                                                         |
| Second                                 | 0.7                                                                                                                       | 5.2                                             | 5.9                     | 0.7                                                             | 0.0                              | 86.9          | 0.5                        | 100.0                                                                  | 93.3                                                 | 0.7                                            | 5.9                                             | 8,879                                                         |
| Middle                                 | 1.5                                                                                                                       | 7.6                                             | 6.0                     | 0.8                                                             | 0.1                              | 83.8          | 0.2                        | 100.0                                                                  | 90.0                                                 | 0.8                                            | 9.3                                             | 8,808                                                         |
| Fourth                                 | 2.7                                                                                                                       | 8.6                                             | 3.9                     | 0.9                                                             | 0.8                              | 82.6          | 0.6                        | 100.0                                                                  | 87.1                                                 | 0.9                                            | 12.0                                            | 8,733                                                         |
| Highest                                | 3.9                                                                                                                       | 11.7                                            | 2.1                     | 0.9                                                             | 2.5                              | 77.1          | 1.7                        | 100.0                                                                  | 81.0                                                 | 0.9                                            | 18.1                                            | 2,620                                                         |
| <b>Total</b>                           | 1.5                                                                                                                       | 6.5                                             | 4.4                     | 0.7                                                             | 0.4                              | 86.1          | 0.5                        | 100.0                                                                  | 91.0                                                 | 0.7                                            | 8.3                                             | 37,900                                                        |

Note: On-site sanitation facilities are those where excreta are stored in a septic tank, pit latrine, or composting toilet.

<sup>1</sup> Includes septic tanks and latrines in which waste was buried in a covered pit, never emptied, and don't know if ever emptied

<sup>2</sup> Includes septic tanks and latrines in which waste was emptied to uncovered pits, open ground, water body, or other locations

<sup>3</sup> Includes septic tanks and latrines in which waste was removed by a service provider to a treatment plant or an unknown location or was removed by a non-service provider to an unknown location

**Table 15.9 Management of household excreta**

Percent distribution of de jure population by management of excreta from household sanitation facilities, according to background characteristics, Tajikistan DHS 2023

| Background characteristic | Connected to sewer | Using improved on-site sanitation facilities                        |                                                               |                                           | Using improved sanitation facilities, on-site status unknown | Using unimproved sanitation facilities | Practicing open defecation | Total | Percentage connected to sewer, with safe disposal on-site, or with removal for treatment off-site | Number of persons |
|---------------------------|--------------------|---------------------------------------------------------------------|---------------------------------------------------------------|-------------------------------------------|--------------------------------------------------------------|----------------------------------------|----------------------------|-------|---------------------------------------------------------------------------------------------------|-------------------|
|                           |                    | Safe disposal in situ of excreta from on-site sanitation facilities | Unsafe disposal of excreta from on-site sanitation facilities | Removal of excreta for treatment off-site |                                                              |                                        |                            |       |                                                                                                   |                   |
| <b>Residence</b>          |                    |                                                                     |                                                               |                                           |                                                              |                                        |                            |       |                                                                                                   |                   |
| Urban                     | 54.1               | 38.2                                                                | 0.3                                                           | 6.8                                       | 0.0                                                          | 0.6                                    | 0.0                        | 100.0 | 99.1                                                                                              | 11,813            |
| Rural                     | 0.9                | 92.7                                                                | 1.1                                                           | 3.4                                       | 0.1                                                          | 1.8                                    | 0.0                        | 100.0 | 96.9                                                                                              | 33,480            |
| <b>Region</b>             |                    |                                                                     |                                                               |                                           |                                                              |                                        |                            |       |                                                                                                   |                   |
| Dushanbe                  | 81.3               | 14.9                                                                | 0.0                                                           | 3.0                                       | 0.0                                                          | 0.8                                    | 0.0                        | 100.0 | 99.2                                                                                              | 4,506             |
| GBAO                      | 7.9                | 90.5                                                                | 0.0                                                           | 0.3                                       | 0.0                                                          | 0.5                                    | 0.7                        | 100.0 | 98.8                                                                                              | 810               |
| Sughd                     | 9.4                | 78.6                                                                | 3.2                                                           | 7.0                                       | 0.0                                                          | 1.8                                    | 0.0                        | 100.0 | 95.0                                                                                              | 12,706            |
| DRS                       | 6.0                | 87.7                                                                | 0.0                                                           | 3.4                                       | 0.1                                                          | 2.7                                    | 0.0                        | 100.0 | 97.2                                                                                              | 10,677            |
| Khatlon                   | 6.7                | 89.1                                                                | 0.0                                                           | 3.3                                       | 0.2                                                          | 0.7                                    | 0.0                        | 100.0 | 99.1                                                                                              | 16,596            |
| <b>FTF districts</b>      | 3.5                | 93.8                                                                | 0.1                                                           | 2.2                                       | 0.0                                                          | 0.4                                    | 0.0                        | 100.0 | 99.5                                                                                              | 9,209             |
| <b>Wealth quintile</b>    |                    |                                                                     |                                                               |                                           |                                                              |                                        |                            |       |                                                                                                   |                   |
| Lowest                    | 0.1                | 95.7                                                                | 0.8                                                           | 1.3                                       | 0.1                                                          | 1.9                                    | 0.0                        | 100.0 | 97.1                                                                                              | 9,054             |
| Second                    | 0.2                | 94.8                                                                | 1.1                                                           | 2.0                                       | 0.0                                                          | 1.9                                    | 0.0                        | 100.0 | 97.0                                                                                              | 9,067             |
| Middle                    | 0.3                | 91.6                                                                | 1.2                                                           | 4.4                                       | 0.2                                                          | 2.3                                    | 0.0                        | 100.0 | 96.3                                                                                              | 9,057             |
| Fourth                    | 2.5                | 86.6                                                                | 1.2                                                           | 8.7                                       | 0.1                                                          | 1.1                                    | 0.0                        | 100.0 | 97.7                                                                                              | 9,058             |
| Highest                   | 70.8               | 23.6                                                                | 0.3                                                           | 5.0                                       | 0.1                                                          | 0.2                                    | 0.0                        | 100.0 | 99.4                                                                                              | 9,056             |
| <b>Total</b>              | 14.8               | 78.5                                                                | 0.9                                                           | 4.3                                       | 0.1                                                          | 1.5                                    | 0.0                        | 100.0 | 97.5                                                                                              | 45,294            |

Note: On-site sanitation facilities are those where excreta are stored in a septic tank, pit latrine, or composting toilet.

**Table 15.10 Disposal of children's stools**

Percent distribution of youngest children under age 2 living with their mother by the manner of disposal of the child's last fecal matter, and percentage of children whose stools are disposed of appropriately, according to background characteristics, Tajikistan DHS 2023

| Background characteristic                  | Manner of disposal of children's stools |                                   |        |                                |                     |       | Total | Percentage of children whose stools are disposed of appropriately <sup>1</sup> | Number of children |
|--------------------------------------------|-----------------------------------------|-----------------------------------|--------|--------------------------------|---------------------|-------|-------|--------------------------------------------------------------------------------|--------------------|
|                                            | Child used toilet or latrine            | Put/rinsed into toilet or latrine | Buried | Put/rinsed into drain or ditch | Thrown into garbage | Other |       |                                                                                |                    |
| <b>Age of child in months</b>              |                                         |                                   |        |                                |                     |       |       |                                                                                |                    |
| 0–1                                        | 0.0                                     | 5.8                               | 0.7    | 0.0                            | 93.5                | 0.0   | 100.0 | 5.8                                                                            | 197                |
| 2–3                                        | 1.1                                     | 7.5                               | 2.3    | 0.6                            | 87.0                | 1.4   | 100.0 | 8.7                                                                            | 193                |
| 4–5                                        | 0.7                                     | 8.4                               | 1.3    | 0.0                            | 88.6                | 1.0   | 100.0 | 9.1                                                                            | 214                |
| 6–8                                        | 0.0                                     | 9.9                               | 2.7    | 0.7                            | 86.7                | 0.0   | 100.0 | 9.9                                                                            | 226                |
| 9–11                                       | 1.4                                     | 10.6                              | 2.0    | 0.7                            | 84.4                | 0.9   | 100.0 | 12.0                                                                           | 318                |
| 12–17                                      | 2.6                                     | 12.0                              | 0.8    | 0.0                            | 84.1                | 0.6   | 100.0 | 14.6                                                                           | 489                |
| 18–23                                      | 10.3                                    | 13.5                              | 2.4    | 1.0                            | 72.1                | 0.8   | 100.0 | 23.7                                                                           | 407                |
| 6–23                                       | 4.1                                     | 11.8                              | 1.8    | 0.5                            | 81.2                | 0.6   | 100.0 | 15.9                                                                           | 1,440              |
| <b>Type of toilet facility<sup>2</sup></b> |                                         |                                   |        |                                |                     |       |       |                                                                                |                    |
| Improved sanitation facility               | 3.1                                     | 10.6                              | 1.7    | 0.4                            | 83.4                | 0.7   | 100.0 | 13.7                                                                           | 2,014              |
| Unimproved facility                        | (0.0)                                   | (0.0)                             | (0.0)  | (0.0)                          | (100.0)             | (0.0) | 100.0 | (0.0)                                                                          | 30                 |
| Open defecation                            | *                                       | *                                 | *      | *                              | *                   | *     | *     | *                                                                              | 0                  |
| <b>Residence</b>                           |                                         |                                   |        |                                |                     |       |       |                                                                                |                    |
| Urban                                      | 3.2                                     | 7.4                               | 1.7    | 0.5                            | 87.1                | 0.1   | 100.0 | 10.6                                                                           | 529                |
| Rural                                      | 3.0                                     | 11.5                              | 1.7    | 0.4                            | 82.5                | 0.9   | 100.0 | 14.5                                                                           | 1,515              |
| <b>Region</b>                              |                                         |                                   |        |                                |                     |       |       |                                                                                |                    |
| Dushanbe                                   | 4.5                                     | 7.1                               | 0.6    | 1.4                            | 86.5                | 0.0   | 100.0 | 11.5                                                                           | 206                |
| GBAO                                       | 1.6                                     | 21.7                              | 0.0    | 0.0                            | 76.7                | 0.0   | 100.0 | 23.3                                                                           | 24                 |
| Sughd                                      | 6.0                                     | 7.7                               | 4.6    | 0.5                            | 79.1                | 2.1   | 100.0 | 13.7                                                                           | 569                |
| DRS                                        | 3.2                                     | 8.9                               | 0.5    | 0.7                            | 86.5                | 0.2   | 100.0 | 12.1                                                                           | 464                |
| Khatlon                                    | 0.5                                     | 13.9                              | 0.7    | 0.0                            | 84.8                | 0.1   | 100.0 | 14.5                                                                           | 780                |
| FTF districts                              | 0.1                                     | 18.3                              | 0.8    | 0.0                            | 80.6                | 0.1   | 100.0 | 18.4                                                                           | 471                |
| <b>Mother's education</b>                  |                                         |                                   |        |                                |                     |       |       |                                                                                |                    |
| None/primary                               | 3.6                                     | 16.8                              | 4.1    | 0.0                            | 75.5                | 0.0   | 100.0 | 20.4                                                                           | 102                |
| General basic                              | 2.2                                     | 10.0                              | 1.0    | 0.3                            | 85.1                | 1.4   | 100.0 | 12.2                                                                           | 537                |
| General secondary                          | 4.0                                     | 11.6                              | 2.2    | 0.0                            | 81.8                | 0.4   | 100.0 | 15.6                                                                           | 926                |
| Professional                               |                                         |                                   |        |                                |                     |       |       |                                                                                |                    |
| primary/middle                             | 0.6                                     | 7.6                               | 0.6    | 3.1                            | 87.4                | 0.8   | 100.0 | 8.2                                                                            | 216                |
| Higher                                     | 3.3                                     | 7.2                               | 1.1    | 0.2                            | 87.5                | 0.6   | 100.0 | 10.6                                                                           | 263                |
| <b>Wealth quintile</b>                     |                                         |                                   |        |                                |                     |       |       |                                                                                |                    |
| Lowest                                     | 3.9                                     | 8.9                               | 2.0    | 0.0                            | 84.9                | 0.3   | 100.0 | 12.8                                                                           | 383                |
| Second                                     | 2.6                                     | 14.2                              | 1.5    | 0.4                            | 81.0                | 0.4   | 100.0 | 16.7                                                                           | 403                |
| Middle                                     | 3.3                                     | 12.5                              | 2.8    | 0.4                            | 80.8                | 0.2   | 100.0 | 15.8                                                                           | 417                |
| Fourth                                     | 2.6                                     | 9.5                               | 1.8    | 0.3                            | 84.0                | 1.8   | 100.0 | 12.2                                                                           | 431                |
| Highest                                    | 3.0                                     | 7.0                               | 0.3    | 1.2                            | 87.7                | 0.7   | 100.0 | 10.1                                                                           | 410                |
| Total                                      | 3.1                                     | 10.4                              | 1.7    | 0.4                            | 83.7                | 0.7   | 100.0 | 13.5                                                                           | 2,044              |

Note: Figures in parentheses are based on 25–49 unweighted cases. An asterisk indicates that a figure is based on fewer than 25 unweighted cases and has been suppressed.

<sup>1</sup> Children's stools are considered to be disposed of appropriately if the child used a toilet or latrine or if the fecal matter was put/rinsed into a toilet or latrine.

<sup>2</sup> See Table 15.6 for definition of categories.

**Table 15.11 Handwashing**

Percentage of the de jure population for whom the place most often used for washing hands was observed, by whether the location was fixed or mobile, and total percentage of the de jure population for whom the place for handwashing was observed; among the de jure population for whom the place for handwashing was observed, percentage with water available, percentage with soap available, and percentage with a cleansing agent other than soap available; percentage of the de jure population with a basic handwashing facility; and percentage with a limited handwashing facility, according to background characteristics, Tajikistan DHS 2023

| Background characteristic | Percentage of de jure population for whom place for washing hands was observed: |                                  |       | Number of persons | Place for handwashing observed and: |                             |                                                        | Number of persons for whom place for handwashing was observed | Percentage of de jure population with a basic handwashing facility <sup>3</sup> | Percentage of de jure population with a limited handwashing facility <sup>4</sup> | Number of persons for whom a place for handwashing was observed or with no place for handwashing in the dwelling, yard, or plot |
|---------------------------|---------------------------------------------------------------------------------|----------------------------------|-------|-------------------|-------------------------------------|-----------------------------|--------------------------------------------------------|---------------------------------------------------------------|---------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------|
|                           | Place for handwashing was a fixed place                                         | Place for handwashing was mobile | Total |                   | Water available                     | Soap available <sup>1</sup> | Cleansing agent other than soap available <sup>2</sup> |                                                               |                                                                                 |                                                                                   |                                                                                                                                 |
| <b>Residence</b>          |                                                                                 |                                  |       |                   |                                     |                             |                                                        |                                                               |                                                                                 |                                                                                   |                                                                                                                                 |
| Urban                     | 95.2                                                                            | 2.7                              | 97.8  | 11,813            | 97.2                                | 94.1                        | 0.2                                                    | 11,557                                                        | 90.6                                                                            | 7.4                                                                               | 11,794                                                                                                                          |
| Rural                     | 86.1                                                                            | 9.2                              | 95.3  | 33,480            | 92.5                                | 82.3                        | 0.9                                                    | 31,897                                                        | 74.9                                                                            | 20.8                                                                              | 33,357                                                                                                                          |
| <b>Region</b>             |                                                                                 |                                  |       |                   |                                     |                             |                                                        |                                                               |                                                                                 |                                                                                   |                                                                                                                                 |
| Dushanbe                  | 97.5                                                                            | 2.3                              | 99.8  | 4,506             | 99.4                                | 97.2                        | 0.2                                                    | 4,498                                                         | 96.6                                                                            | 3.4                                                                               | 4,498                                                                                                                           |
| GBAO                      | 99.9                                                                            | 0.1                              | 100.0 | 810               | 92.4                                | 73.8                        | 0.2                                                    | 810                                                           | 72.1                                                                            | 27.9                                                                              | 810                                                                                                                             |
| Sughd                     | 65.8                                                                            | 24.9                             | 90.7  | 12,706            | 97.0                                | 79.2                        | 0.1                                                    | 11,523                                                        | 71.4                                                                            | 19.7                                                                              | 12,655                                                                                                                          |
| DRS                       | 99.0                                                                            | 0.8                              | 99.8  | 10,677            | 94.3                                | 84.8                        | 0.6                                                    | 10,659                                                        | 83.7                                                                            | 16.3                                                                              | 10,659                                                                                                                          |
| Khatlon                   | 96.0                                                                            | 0.2                              | 96.2  | 16,596            | 89.6                                | 87.6                        | 1.4                                                    | 15,964                                                        | 77.3                                                                            | 19.3                                                                              | 16,529                                                                                                                          |
| <b>FTF districts</b>      | 95.7                                                                            | 0.0                              | 95.7  | 9,209             | 87.4                                | 83.5                        | 1.7                                                    | 8,812                                                         | 69.9                                                                            | 26.4                                                                              | 9,153                                                                                                                           |
| <b>Wealth quintile</b>    |                                                                                 |                                  |       |                   |                                     |                             |                                                        |                                                               |                                                                                 |                                                                                   |                                                                                                                                 |
| Lowest                    | 84.0                                                                            | 9.5                              | 93.6  | 9,054             | 84.0                                | 67.2                        | 2.0                                                    | 8,473                                                         | 56.0                                                                            | 38.3                                                                              | 8,985                                                                                                                           |
| Second                    | 85.5                                                                            | 10.1                             | 95.6  | 9,067             | 92.6                                | 79.5                        | 0.7                                                    | 8,667                                                         | 72.2                                                                            | 23.7                                                                              | 9,040                                                                                                                           |
| Middle                    | 86.8                                                                            | 8.5                              | 95.3  | 9,057             | 94.8                                | 88.8                        | 0.2                                                    | 8,627                                                         | 82.1                                                                            | 13.5                                                                              | 9,023                                                                                                                           |
| Fourth                    | 88.8                                                                            | 7.0                              | 95.8  | 9,058             | 98.0                                | 93.1                        | 0.3                                                    | 8,678                                                         | 88.1                                                                            | 7.7                                                                               | 9,057                                                                                                                           |
| Highest                   | 97.2                                                                            | 2.3                              | 99.5  | 9,056             | 99.0                                | 97.6                        | 0.3                                                    | 9,009                                                         | 96.3                                                                            | 3.3                                                                               | 9,045                                                                                                                           |
| <b>Total</b>              | 88.5                                                                            | 7.5                              | 95.9  | 45,294            | 93.8                                | 85.4                        | 0.7                                                    | 43,454                                                        | 79.0                                                                            | 17.3                                                                              | 45,151                                                                                                                          |

<sup>1</sup> Soap includes soap or detergent in bar, liquid, powder, or paste form.

<sup>2</sup> Cleansing agents other than soap include locally available materials such as ash, mud, or sand.

<sup>3</sup> The availability of a handwashing facility on premises with soap and water

<sup>4</sup> The availability of a handwashing facility on premises without soap and/or water



**Table 15.12 Menstrual hygiene**

Among women age 15–49 whose most recent menstrual period was in the past year, percentage who used specified materials to collect or absorb blood from the most recent menstrual period, and among women age 15–49 whose most recent menstrual period was in the past year and who were at home during their most recent menstrual period, percentage who were able to wash and change in privacy while at home and percentage who were able to both wash and change in privacy and who used appropriate materials during their most recent menstruation, according to background characteristics, Tajikistan DHS 2023

| Background characteristic   | Among women whose most recent menstrual period was in the past year, percentage who used the specified materials to collect or absorb blood from most recent menstrual period |                          |         |       |              |             |                 |         | Among women whose most recent menstrual period was in the past year and who were at home during their most recent menstrual period |                                                                |                                                                                                                                                                        |                 |
|-----------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------|---------|-------|--------------|-------------|-----------------|---------|------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------|
|                             | Reusable sanitary pads                                                                                                                                                        | Disposable sanitary pads | Tampons | Cloth | Toilet paper | Cotton wool | Under-wear only | Nothing | Number of women                                                                                                                    | Percent-<br>age able<br>to wash<br>and<br>change in<br>privacy | Percent-<br>age able<br>to wash<br>and<br>change in<br>privacy<br>and who<br>used<br>appropriate<br>materials<br>during<br>most<br>recent<br>menstruation <sup>1</sup> | Number of women |
| <b>Age</b>                  |                                                                                                                                                                               |                          |         |       |              |             |                 |         |                                                                                                                                    |                                                                |                                                                                                                                                                        |                 |
| 15–19                       | 9.1                                                                                                                                                                           | 32.6                     | 1.2     | 67.1  | 0.1          | 0.3         | 0.1             | 0.0     | 1,619                                                                                                                              | 97.1                                                           | 97.0                                                                                                                                                                   | 1,615           |
| 20–24                       | 7.9                                                                                                                                                                           | 27.1                     | 1.7     | 74.2  | 0.3          | 0.2         | 0.0             | 0.0     | 1,461                                                                                                                              | 98.5                                                           | 98.5                                                                                                                                                                   | 1,461           |
| 25–29                       | 8.2                                                                                                                                                                           | 21.9                     | 2.5     | 76.4  | 0.2          | 0.2         | 0.1             | 0.0     | 1,394                                                                                                                              | 98.0                                                           | 97.9                                                                                                                                                                   | 1,391           |
| 30–34                       | 7.4                                                                                                                                                                           | 20.3                     | 2.2     | 79.0  | 0.0          | 0.3         | 0.0             | 0.1     | 1,425                                                                                                                              | 98.7                                                           | 98.5                                                                                                                                                                   | 1,423           |
| 35–39                       | 7.1                                                                                                                                                                           | 19.5                     | 2.3     | 80.0  | 0.1          | 0.1         | 0.0             | 0.0     | 1,346                                                                                                                              | 98.1                                                           | 98.1                                                                                                                                                                   | 1,345           |
| 40–44                       | 7.2                                                                                                                                                                           | 20.5                     | 2.1     | 80.1  | 0.1          | 0.0         | 0.0             | 0.0     | 995                                                                                                                                | 98.0                                                           | 98.0                                                                                                                                                                   | 994             |
| 45–49                       | 8.8                                                                                                                                                                           | 17.7                     | 1.9     | 77.7  | 0.1          | 0.5         | 0.0             | 0.0     | 670                                                                                                                                | 99.6                                                           | 99.6                                                                                                                                                                   | 669             |
| <b>Residence</b>            |                                                                                                                                                                               |                          |         |       |              |             |                 |         |                                                                                                                                    |                                                                |                                                                                                                                                                        |                 |
| Urban                       | 15.6                                                                                                                                                                          | 35.6                     | 2.3     | 61.6  | 0.3          | 0.2         | 0.2             | 0.0     | 2,419                                                                                                                              | 98.4                                                           | 98.1                                                                                                                                                                   | 2,414           |
| Rural                       | 5.1                                                                                                                                                                           | 19.2                     | 1.8     | 81.1  | 0.1          | 0.2         | 0.0             | 0.0     | 6,490                                                                                                                              | 98.1                                                           | 98.1                                                                                                                                                                   | 6,483           |
| <b>Region</b>               |                                                                                                                                                                               |                          |         |       |              |             |                 |         |                                                                                                                                    |                                                                |                                                                                                                                                                        |                 |
| Dushanbe                    | 29.9                                                                                                                                                                          | 30.6                     | 1.3     | 61.7  | 0.6          | 0.3         | 0.0             | 0.0     | 969                                                                                                                                | 99.2                                                           | 99.2                                                                                                                                                                   | 968             |
| GBAO                        | 4.2                                                                                                                                                                           | 39.2                     | 0.0     | 69.2  | 0.0          | 0.2         | 0.0             | 0.0     | 140                                                                                                                                | 98.1                                                           | 98.1                                                                                                                                                                   | 139             |
| Sughd                       | 8.3                                                                                                                                                                           | 39.6                     | 1.5     | 57.9  | 0.0          | 0.1         | 0.0             | 0.0     | 2,425                                                                                                                              | 99.5                                                           | 99.5                                                                                                                                                                   | 2,422           |
| DRS                         | 7.7                                                                                                                                                                           | 23.4                     | 1.7     | 76.9  | 0.1          | 0.1         | 0.0             | 0.0     | 2,137                                                                                                                              | 97.1                                                           | 97.0                                                                                                                                                                   | 2,134           |
| Khatlon                     | 1.6                                                                                                                                                                           | 9.1                      | 2.7     | 93.0  | 0.1          | 0.4         | 0.2             | 0.0     | 3,238                                                                                                                              | 97.6                                                           | 97.5                                                                                                                                                                   | 3,235           |
| <b>FTF districts</b>        | 0.8                                                                                                                                                                           | 6.4                      | 3.6     | 94.4  | 0.1          | 0.3         | 0.0             | 0.0     | 1,801                                                                                                                              | 97.6                                                           | 97.6                                                                                                                                                                   | 1,799           |
| <b>Education</b>            |                                                                                                                                                                               |                          |         |       |              |             |                 |         |                                                                                                                                    |                                                                |                                                                                                                                                                        |                 |
| None/primary                | 6.7                                                                                                                                                                           | 9.5                      | 1.3     | 86.6  | 0.1          | 0.0         | 0.8             | 0.0     | 404                                                                                                                                | 95.6                                                           | 94.8                                                                                                                                                                   | 400             |
| General basic               | 5.7                                                                                                                                                                           | 20.6                     | 1.3     | 80.5  | 0.1          | 0.2         | 0.0             | 0.0     | 3,002                                                                                                                              | 97.4                                                           | 97.3                                                                                                                                                                   | 2,999           |
| General secondary           | 7.7                                                                                                                                                                           | 18.4                     | 2.3     | 79.2  | 0.2          | 0.3         | 0.0             | 0.0     | 3,738                                                                                                                              | 98.7                                                           | 98.7                                                                                                                                                                   | 3,734           |
| Professional primary/middle | 12.7                                                                                                                                                                          | 39.6                     | 1.8     | 61.3  | 0.0          | 0.0         | 0.3             | 0.0     | 704                                                                                                                                | 98.8                                                           | 98.5                                                                                                                                                                   | 703             |
| Higher                      | 12.7                                                                                                                                                                          | 45.5                     | 2.7     | 56.0  | 0.2          | 0.1         | 0.0             | 0.0     | 1,061                                                                                                                              | 99.1                                                           | 99.1                                                                                                                                                                   | 1,061           |
| <b>Wealth quintile</b>      |                                                                                                                                                                               |                          |         |       |              |             |                 |         |                                                                                                                                    |                                                                |                                                                                                                                                                        |                 |
| Lowest                      | 1.4                                                                                                                                                                           | 4.2                      | 2.3     | 95.2  | 0.1          | 0.2         | 0.0             | 0.1     | 1,665                                                                                                                              | 96.6                                                           | 96.5                                                                                                                                                                   | 1,661           |
| Second                      | 3.3                                                                                                                                                                           | 14.9                     | 2.0     | 86.0  | 0.0          | 0.1         | 0.1             | 0.0     | 1,782                                                                                                                              | 98.0                                                           | 97.8                                                                                                                                                                   | 1,779           |
| Middle                      | 4.7                                                                                                                                                                           | 22.5                     | 1.3     | 80.0  | 0.0          | 0.3         | 0.1             | 0.0     | 1,792                                                                                                                              | 98.5                                                           | 98.5                                                                                                                                                                   | 1,790           |
| Fourth                      | 10.2                                                                                                                                                                          | 31.2                     | 1.8     | 66.6  | 0.2          | 0.4         | 0.1             | 0.0     | 1,770                                                                                                                              | 98.9                                                           | 98.7                                                                                                                                                                   | 1,768           |
| Highest                     | 19.1                                                                                                                                                                          | 42.8                     | 2.3     | 53.9  | 0.4          | 0.1         | 0.0             | 0.0     | 1,900                                                                                                                              | 98.8                                                           | 98.8                                                                                                                                                                   | 1,900           |
| <b>Total</b>                | 8.0                                                                                                                                                                           | 23.6                     | 1.9     | 75.8  | 0.1          | 0.2         | 0.1             | 0.0     | 8,909                                                                                                                              | 98.2                                                           | 98.1                                                                                                                                                                   | 8,897           |

<sup>1</sup> Reusable sanitary pads, disposable sanitary pads, tampons, cloth, toilet paper, and/or cotton wool

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## A.1 INTRODUCTION

This section describes the objectives of the survey, the overall sample size, survey domains, and subsamples. The 2023 Tajikistan Demographic and Health Survey (2023 TjDHS) is the third DHS survey implemented in Tajikistan, following the 2012 and 2017 surveys. A nationally representative sample of 8,140 households was selected from 370 clusters. All women age 15–49 who were usual residents of the selected households or who slept in the households the night before the survey were eligible for interviews. The main objectives of the 2023 TjDHS were to provide up-to-date information on fertility and childhood mortality levels; fertility preferences; awareness, approval, and use of family planning methods; maternal and child health; knowledge of and attitudes toward HIV/AIDS and other sexually transmitted infections (STIs); and the health and nutritional status of women and their young children under age 5. In every household selected, all women age 15–49 and all children under age 5 were eligible for height and weight measurements and for anemia testing. One woman age 15–49 was randomly selected from each household for the domestic violence module and one child age 1–14 was randomly selected for the child discipline module. There was no male survey in the 2023 TjDHS.

There are five administrative regions in Tajikistan: Dushanbe City, Sughd, Khatlon, Districts of Republican Subordination (DRS), and Gorno-Badakhshan Autonomous Oblast (GBAO). The sample for the 2023 TjDHS was designed to produce representative results for the country as a whole, for urban and rural areas separately, and for each of the five administrative regions. Also, as in the previous TjDHS surveys, the sample was designed to allow certain indicators to be presented for the 12 districts in the Khatlon region covered under the Feed the Future program (FTF).

## A.2 SAMPLE FRAME

The sampling frame used for the 2023 TjDHS was the 2020 Tajikistan Population and Housing Census (TPHC), conducted by the Agency on Statistics under the President of the Republic of Tajikistan (Tajstat). As noted, Tajikistan is divided into five administrative regions; each region is subdivided into urban and rural areas, and there are 68 cities and rayons (districts) in total. Each city or rayon (district) is subdivided into census divisions, each census division into instruction areas, and each instruction area into enumeration areas (EAs).

The sampling frame for the 2023 TjDHS was a list of EAs covering all urban and rural areas of the country, with the primary sampling units (PSUs) being EAs in urban and rural areas. An EA is a geographical area, usually a city block, consisting of an adequate number of households; each EA served as a counting unit for the population census. The 2020 TPHC did not use EA maps. Urban EAs can be identified through a list of structures/households in the EA together with a description file. In rural areas, a PSU is a natural village if small or part of a large village. Rural PSUs can be identified with help from the village administration.

**Table A.1** shows the percent distribution of households by region and by type of residence. The table indicates that 32.6% of the households in Tajikistan are in urban areas. The size of the regions in Tajikistan varies substantially, with Khatlon and Sughd representing 32.0% and 31.2% of households, respectively, whereas GBAO represents only 2.3% of households. **Table A.2** presents the distribution of PSUs and their average size in number of households by region and by type of residence. There are in total 21,521 PSUs; among them, 3,612 are in urban areas and 17,909 are in rural areas. The average PSU size is 72 households; urban PSUs are larger (140 households on average) than rural PSUs (58 households on average).

**Table A.1 Households**

Distribution of residential households by region and residence, Tajikistan DHS 2023

| Region            | Residential households |                  |                  | Percentage urban | Percentage of households in the sampling frame |
|-------------------|------------------------|------------------|------------------|------------------|------------------------------------------------|
|                   | Urban                  | Rural            | Total            |                  |                                                |
| Dushanbe          | 184,456                |                  | 184,456          | 100.0            | 11.9                                           |
| GBAO              | 6,476                  | 29,388           | 35,864           | 18.1             | 2.3                                            |
| Sughd             | 154,284                | 329,826          | 484,110          | 31.9             | 31.2                                           |
| DRS               | 56,461                 | 292,909          | 349,370          | 16.2             | 22.5                                           |
| Khatlon           | 102,880                | 392,963          | 495,843          | 20.7             | 32.0                                           |
| <b>Tajikistan</b> | <b>504,557</b>         | <b>1,045,086</b> | <b>1,549,643</b> | <b>32.6</b>      | <b>100.0</b>                                   |

Source: 2020 TPHC, conducted by the Agency on Statistics under the President of the Republic of Tajikistan

**Table A.2 Enumeration areas and households**

Distribution of primary sampling units (PSUs) and average number of households per PSU in the sampling frame, by region and residence, Tajikistan DHS 2023

| Region            | Number of PSUs |               |               | Average PSU size |           |           |
|-------------------|----------------|---------------|---------------|------------------|-----------|-----------|
|                   | Urban          | Rural         | Total         | Urban            | Rural     | Total     |
| Dushanbe          | 1,122          |               | 1,122         | 164              |           | 164       |
| GBAO              | 38             | 516           | 554           | 170              | 57        | 65        |
| Sughd             | 1,082          | 5,001         | 6,083         | 143              | 66        | 80        |
| DRS               | 443            | 5,192         | 5,635         | 127              | 56        | 62        |
| Khatlon           | 927            | 7,200         | 8,127         | 111              | 55        | 61        |
| <b>Tajikistan</b> | <b>3,612</b>   | <b>17,909</b> | <b>21,521</b> | <b>140</b>       | <b>58</b> | <b>72</b> |

Source: 2020 TPHC, conducted by the Agency on Statistics under the President of the Republic of Tajikistan

### A.3 SAMPLE DESIGN AND IMPLEMENTATION

The 2023 TjDHS sample was selected through a stratified two-stage cluster sampling procedure. Each region was stratified into urban and rural areas; since Dushanbe has no rural areas, there were a total of nine sampling strata. Samples were selected independently in each stratum in two stages. Implicit stratification and proportional allocation were achieved at each of the lower administrative levels by sorting the sampling frame within each sampling stratum before sample selection, according to administrative units at different levels, and by using probability proportional to size selection in the first stage of sampling.

In the first stage, 370 PSUs were selected with probability proportional to PSU size and with independent selection in each sampling stratum according to the sample allocation shown in **Table A.3**. PSU size was the number of residential households in the PSU based on the 2020 TPHC. After the selection of PSUs and before the main data collection, a household listing operation was carried out in all of the selected PSUs, and the resulting list of households served as the sampling frame for the selection of households in the second stage.

In the second stage, a fixed number of 22 households per PSU were selected with equal probability systematic selection from the newly updated household listing. The survey interviewers were asked to interview only the preselected households. No replacements and no changes of the preselected households were allowed in the implementation stages in order to prevent bias. When a PSU had less than 22 households listed, all of the households were included in the sample. All women age 15–49 who were usual members of the selected households or who spent the night before the survey in the selected households were eligible for the female survey.

**Table A.3** shows the sample allocation of clusters and households by region and residence. **Table A.4** shows the expected number of completed interviews according to region and residence. Based on a fixed sample take of 22 households per cluster, 370 PSUs were selected, 166 in urban areas and 204 in rural

areas. The total number of households selected was 8,140 (3,652 in urban areas and 4,488 in rural areas). The survey was expected to result in about 10,718 completed interviews with women age 15–49 (4,180 in urban areas and 6,538 in rural areas).

**Table A.3 Sample allocation of clusters and households**

Sample allocation of clusters and households by region, according to residence, Tajikistan DHS 2023

| Region            | Number of clusters allocated |            |            | Number of households allocated |              |              |
|-------------------|------------------------------|------------|------------|--------------------------------|--------------|--------------|
|                   | Urban                        | Rural      | Total      | Urban                          | Rural        | Total        |
| Dushanbe          | 75                           |            | 75         | 1,650                          |              | 1,650        |
| GBAO              | 9                            | 33         | 42         | 198                            | 726          | 924          |
| Sughd             | 29                           | 51         | 80         | 638                            | 1,122        | 1,760        |
| DRS               | 17                           | 62         | 79         | 374                            | 1,364        | 1,738        |
| Khatlon           | 36                           | 58         | 94         | 792                            | 1,276        | 2,068        |
| <b>Tajikistan</b> | <b>166</b>                   | <b>204</b> | <b>370</b> | <b>3,652</b>                   | <b>4,488</b> | <b>8,140</b> |

**Table A.4 Sample allocation of completed interviews with women**

Sample allocation of expected number of completed interviews with women by region, according to residence, Tajikistan DHS 2023

| Region            | Expected number of interviews with women age 15–49 |              |               |
|-------------------|----------------------------------------------------|--------------|---------------|
|                   | Urban                                              | Rural        | Total         |
| Dushanbe          | 1,888                                              |              | 1,888         |
| GBAO              | 227                                                | 1,057        | 1,284         |
| Sughd             | 730                                                | 1,635        | 2,365         |
| DRS               | 428                                                | 1,987        | 2,415         |
| Khatlon           | 907                                                | 1,859        | 2,766         |
| <b>Tajikistan</b> | <b>4,180</b>                                       | <b>6,538</b> | <b>10,718</b> |

The sample calculations were based on the results of the 2017 TjDHS: the average number of women age 15–49 per household was 1.2 in urban areas and 1.5 in rural areas, the household completion rate was 96% in urban areas and 98% in rural areas, and the response rate among women was 99% in both urban and rural areas.

## A.4 SAMPLE PROBABILITIES AND SAMPLING WEIGHTS

Due to the nonproportional allocation of the sample to different regions and to their urban and rural areas and the possible differences in response rates, sampling weights will be required for any analysis using the 2023 TjDHS data to ensure the actual representativeness of the survey results at the national level as well as the domain level. Since the 2023 TjDHS sample was a two-stage stratified cluster sample, sampling weights were calculated based on sampling probabilities separately for each sampling stage and for each cluster. The following notations were used:

$P_{1hi}$ : first-stage sampling probability of the  $i^{\text{th}}$  cluster in stratum  $h$

$P_{2hi}$ : second-stage sampling probability within the  $i^{\text{th}}$  cluster (households)

$P_{hi}$ : overall sampling probability of any households in the  $i^{\text{th}}$  cluster in stratum  $h$

Let  $n_h$  be the number of clusters selected in stratum  $h$ ,  $M_{hi}$  the number of households in the  $i^{\text{th}}$  cluster according to the sampling frame, and  $\sum_i M_{hi}$  the total number of households in stratum  $h$ . The first stage's probability of selecting the  $i^{\text{th}}$  cluster in stratum  $h$  is calculated as follows:

$$P_{1hi} = \frac{n_h M_{hi}}{\sum_i M_{hi}}$$



Let  $L_{hi}$  be the number of households listed in the household listing operation in cluster  $i$  in stratum  $h$ , and let  $s_{hi}$  be the number of households selected in the cluster. The second stage's selection probability for each household in the cluster is calculated as follows:

$$P_{2hi} = \frac{s_{hi}}{L_{hi}}$$

The overall selection probability of each household in cluster  $i$  of stratum  $h$  is therefore the product of the two-stage selection probabilities:

$$P_{hi} = P_{1hi} \times P_{2hi}$$

The design weight for each household in cluster  $i$  of stratum  $h$  is the inverse of its overall selection probability:

$$W_{hi} = 1/P_{hi}$$

A spreadsheet containing all sampling parameters and selection probabilities was prepared to help calculate the design weights. Design weights were adjusted for household nonresponse and individual nonresponse to obtain the sampling weights for households and for women. Nonresponse was adjusted at the sampling stratum level. For household sampling weights, household design weights were multiplied by the inverse of household response rates according to stratum. For women's individual sampling weights, household sampling weights were multiplied by the inverse of women's individual response rates according to stratum. After adjustment for nonresponse, the sampling weights were normalized (by multiplying the sampling weight by the estimated total sampling fraction obtained from the survey for the household weight and the woman's weight) to obtain the final standard weights that appear in the data files. The normalization process was done so that the total number of unweighted cases was equal to the total number of weighted cases at the national level for both households and women. The normalized weights are relative weights that are valid for estimating means, proportions, ratios, and rates but are not valid for estimations based on pooled data or for estimating population totals.

## A.5 SURVEY RESULTS

**Table A.5** presents interview response rates in the 2023 TjDHS by urban and rural residence and region.

**Table A.5 Sample implementation**

Percent distribution of households and eligible women age 15–49 by results of the household and individual interviews, and household, eligible women, and overall women response rates, according to residence and region (unweighted), Tajikistan DHS 2023

| Result                                                        | Residence |        | Region        |       |       |       |         | Total  |
|---------------------------------------------------------------|-----------|--------|---------------|-------|-------|-------|---------|--------|
|                                                               | Urban     | Rural  | Dushan-<br>be | GBAO  | Sughd | DRS   | Khatlon |        |
| <b>Selected households</b>                                    |           |        |               |       |       |       |         |        |
| Completed (C)                                                 | 99.3      | 99.5   | 99.5          | 99.1  | 99.4  | 99.4  | 99.5    | 99.4   |
| Household present but no competent<br>respondent at home (HP) | 0.2       | 0.1    | 0.1           | 0.0   | 0.2   | 0.1   | 0.1     | 0.1    |
| Postponed (P)                                                 | 0.0       | 0.0    | 0.0           | 0.0   | 0.0   | 0.0   | 0.0     | 0.0    |
| Refused (R)                                                   | 0.1       | 0.0    | 0.1           | 0.1   | 0.0   | 0.0   | 0.1     | 0.1    |
| Dwelling not found (DNF)                                      | 0.0       | 0.0    | 0.0           | 0.1   | 0.0   | 0.0   | 0.0     | 0.0    |
| Household absent (HA)                                         | 0.3       | 0.3    | 0.1           | 0.7   | 0.4   | 0.3   | 0.3     | 0.3    |
| Dwelling vacant/address not a dwelling<br>(DV)                | 0.0       | 0.0    | 0.0           | 0.0   | 0.0   | 0.0   | 0.0     | 0.0    |
| Dwelling destroyed (DD)                                       | 0.0       | 0.0    | 0.1           | 0.0   | 0.0   | 0.0   | 0.0     | 0.0    |
| Other (O)                                                     | 0.0       | 0.0    | 0.0           | 0.0   | 0.0   | 0.0   | 0.0     | 0.0    |
| Total                                                         | 100.0     | 100.0  | 100.0         | 100.0 | 100.0 | 100.0 | 100.0   | 100.0  |
| Number of sampled households                                  | 7,897     | 10,173 | 3,670         | 1,749 | 3,890 | 4,022 | 4,739   | 18,070 |
| Household response rate (HRR) <sup>1</sup>                    | 99.7      | 99.9   | 99.8          | 99.8  | 99.8  | 99.8  | 99.9    | 99.8   |
| <b>Eligible women</b>                                         |           |        |               |       |       |       |         |        |
| Completed (EWC)                                               | 99.4      | 99.6   | 99.3          | 98.8  | 99.4  | 99.7  | 99.7    | 99.5   |
| Not at home (EWNH)                                            | 0.1       | 0.1    | 0.1           | 0.0   | 0.2   | 0.0   | 0.1     | 0.1    |
| Postponed (EWP)                                               | 0.1       | 0.0    | 0.1           | 0.0   | 0.0   | 0.0   | 0.0     | 0.0    |
| Refused (EWR)                                                 | 0.2       | 0.1    | 0.2           | 0.1   | 0.0   | 0.1   | 0.1     | 0.1    |
| Partly completed (EWPC)                                       | 0.0       | 0.0    | 0.0           | 0.0   | 0.0   | 0.0   | 0.0     | 0.0    |
| Incapacitated (EWI)                                           | 0.3       | 0.3    | 0.1           | 1.1   | 0.4   | 0.2   | 0.1     | 0.3    |
| Total                                                         | 100.0     | 100.0  | 100.0         | 100.0 | 100.0 | 100.0 | 100.0   | 100.0  |
| Number of women                                               | 4,245     | 5,685  | 2,020         | 825   | 2,130 | 2,284 | 2,671   | 9,930  |
| Eligible women response rate (EWRR) <sup>2</sup>              | 99.4      | 99.6   | 99.3          | 98.8  | 99.4  | 99.7  | 99.7    | 99.5   |
| Overall women response rate (OWRR) <sup>3</sup>               | 99.1      | 99.5   | 99.1          | 98.6  | 99.2  | 99.5  | 99.6    | 99.3   |

<sup>1</sup> Using the number of households falling into specific response categories, the household response rate (HRR) is calculated as:

$$\frac{100 * C}{C + HP + P + R + DNF}$$

<sup>2</sup> The eligible women response rate (EWRR) is equivalent to the percentage of interviews completed (EWC).

<sup>3</sup> The overall women response rate (OWRR) is calculated as:

$$OWRR = HRR * EWRR/100$$



The estimates from a sample survey are affected by two types of errors: nonsampling errors and sampling errors. Nonsampling errors are the results of mistakes made in implementing data collection and data processing, such as failure to locate and interview the correct household, misunderstanding of the questions on the part of either the interviewer or the respondent, and data entry errors. Although numerous efforts were made during the implementation of the 2023 Tajikistan Demographic and Health Survey (2023 TjDHS) to minimize this type of error, nonsampling errors are impossible to avoid and difficult to evaluate statistically.

Sampling errors, on the other hand, can be evaluated statistically. The sample of respondents selected in the 2023 TjDHS is only one of many samples that could have been selected from the same population, using the same design and sample size. Each of these samples would yield results that differ somewhat from the results of the actual sample selected. Sampling errors are a measure of the variability among all possible samples. Although the degree of variability is not known exactly, it can be estimated from the survey results.

Sampling error is usually measured in terms of the *standard error* for a particular statistic (mean, percentage, etc.), which is the square root of the variance. The standard error can be used to calculate confidence intervals within which the true value for the population can reasonably be assumed to fall. For example, for any given statistic calculated from a sample survey, the value of that statistic will fall within a range of plus or minus two times the standard error of that statistic in 95% of all possible samples of identical size and design.

If the sample of respondents had been selected by simple random sampling, it would have been possible to use straightforward formulas for calculating sampling errors. However, the 2023 TjDHS sample was the result of a multistage stratified cluster design, and, consequently, it was necessary to use more complex formulas. Sampling errors are computed in SAS programs developed by ICF. These programs use the Taylor linearization method to estimate variances for survey estimates that are means, proportions, or ratios. The Jackknife repeated replication method is used for variance estimation of more complex statistics such as fertility and mortality rates.

The Taylor linearization method treats any linear statistic such as a percentage or mean as a ratio estimate,  $r = y/x$ , where  $y$  represents the total sample value for variable  $y$  and  $x$  represents the total number of cases in the group or subgroup under consideration. The variance of  $r$  is computed using the formula given below, with the standard error being the square root of the variance:

$$SE^2(r) = var(r) = \frac{1-f}{x^2} \sum_{h=1}^H \left[ \frac{m_h}{m_h-1} \left( \sum_{i=1}^{m_h} z_{hi}^2 - \frac{z_h^2}{m_h} \right) \right]$$

in which

$$z_{hi} = y_{hi} - rx_{hi} \text{ and } z_h = y_h - rx_h$$

where  $h$  represents the stratum, which varies from 1 to  $H$ ;  
 $m_h$  is the total number of clusters selected in the  $h^{\text{th}}$  stratum;  
 $y_{hi}$  is the sum of the weighted values of variable  $y$  in the  $i^{\text{th}}$  cluster in the  $h^{\text{th}}$  stratum;  
 $x_{hi}$  is the sum of the weighted number of cases in the  $i^{\text{th}}$  cluster in the  $h^{\text{th}}$  stratum; and  
 $f$  is the overall sampling fraction, which is so small that it is ignored.

The Jackknife repeated replication method derives estimates of complex rates from each of several replications of the parent sample and calculates standard errors for these estimates using simple formulas. Each replication considers *all but one* cluster in the calculation of the estimates. Pseudo-independent replications are thus created. In the 2023 TjDHS, there were 370 non-empty clusters. Hence, 370 replications were created. The variance of a rate  $r$  is calculated as follows:

$$SE^2(r) = var(r) = \frac{1}{k(k-1)} \sum_{i=1}^k (r_i - r)^2$$

in which

$$r_i = kr - (k-1)r_{(i)}$$

where  $r$  is the estimate computed from the full sample of 370 clusters,  
 $r_{(i)}$  is the estimate computed from the reduced sample of 369 clusters ( $i^{\text{th}}$  cluster excluded),  
and  
 $k$  is the total number of clusters.

In addition to the standard error, the design effect (DEFT) for each estimate is calculated. The design effect is defined as the ratio between the standard error using the given sample design and the standard error that would result if a simple random sample had been used. A DEFT value of 1.0 indicates that the sample design is as efficient as a simple random sample, while a value greater than 1.0 indicates the increase in the sampling error due to the use of a more complex and less statistically efficient design. Relative standard errors and confidence limits for the estimates are also calculated.

Sampling errors for the 2023 TjDHS are calculated for selected variables considered to be of primary interest. The results are presented in this appendix for the country as a whole, for urban and rural areas separately, for each of the five regions, and for the Feed the Future (FTF) program areas. For each variable, the type of statistic (mean, proportion, or rate) and the base population are given in **Table B.1**. **Tables B.2** through **B.10** present the value of the statistic ( $R$ ), its standard error ( $SE$ ), the number of unweighted( $N$ ) and weighted( $WN$ ) cases, the design effect (DEFT), the relative standard error ( $SE/R$ ), and the 95% confidence limits ( $R \pm 2SE$ ) for each variable. The sampling errors for mortality rates are presented for the 5-year period preceding the survey for the national sample and the urban and rural samples and for the 10-year period preceding the survey at other domain levels. The DEFT is considered undefined when the standard error considering a simple random sample is zero (when the estimate is close to 0 or 1).

The confidence interval (e.g., as calculated for *mean number of children ever born to women age 15–49*) can be interpreted as follows: the overall average from the national sample is 2.115, and its standard error is 0.020. Therefore, to obtain the 95% confidence limits, one adds and subtracts twice the standard error to the sample estimate, that is,  $2.115 \pm 2 \times 0.020$ . There is a high probability (95%) that the *true* mean number of children ever born to women age 15–49 is between 2.076 and 2.154.

For the total sample, the value of the DEFT, averaged over all variables, is 1.51. This means that, due to multistage clustering of the sample, the average standard error is increased by a factor of 1.51 over that in an equivalent simple random sample.

**Table B.1 List of selected variables for sampling errors, Tajikistan DHS 2023**

| Variable                                                         | Estimate   | Base population                                                                                               |
|------------------------------------------------------------------|------------|---------------------------------------------------------------------------------------------------------------|
| HOUSEHOLDS AND POPULATION                                        |            |                                                                                                               |
| Electricity primary source of lighting                           | Proportion | De jure household population                                                                                  |
| Primary reliance on clean fuels and technology                   | Proportion | De jure household population                                                                                  |
| Births registered with civil authority                           | Proportion | De jure household population under 5                                                                          |
| Improved drinking water source                                   | Proportion | De jure household population                                                                                  |
| At least basic drinking water service                            | Proportion | De jure household population                                                                                  |
| Water available when needed                                      | Proportion | De jure household population                                                                                  |
| Improved sanitation facility                                     | Proportion | De jure household population                                                                                  |
| At least basic sanitation service                                | Proportion | De jure household population                                                                                  |
| Using open defecation                                            | Proportion | De jure household population                                                                                  |
| Using a handwashing facility with soap and water                 | Proportion | De jure household population for whom handwashing place was observed or with no on-site place for handwashing |
| WOMEN                                                            |            |                                                                                                               |
| Urban residence                                                  | Proportion | Women 15–49                                                                                                   |
| No education                                                     | Proportion | Women 15–49                                                                                                   |
| Secondary education or higher                                    | Proportion | Women 15–49                                                                                                   |
| Literacy                                                         | Proportion | Women 15–49                                                                                                   |
| Use of the internet in last 12 months                            | Proportion | Women 15–49                                                                                                   |
| Current tobacco use                                              | Proportion | Women 15–49                                                                                                   |
| Currently married/in union                                       | Proportion | Women 15–49                                                                                                   |
| Married before age 15                                            | Proportion | Women 25–49                                                                                                   |
| Married before age 18                                            | Proportion | Women 25–49                                                                                                   |
| Had sexual intercourse before age 18                             | Proportion | Women 20–49                                                                                                   |
| Age-specific fertility rate 15–19                                | Rate       | Woman-years of exposure to childbearing at age 15–19 in the 3 years preceding the survey                      |
| Total fertility rate (3 years)                                   | Rate       | Woman-years of exposure to childbearing                                                                       |
| Total abortion rate (3 years)                                    | Rate       | Woman-years of exposure to childbearing                                                                       |
| Currently pregnant                                               | Proportion | Women 15–49                                                                                                   |
| Mean number of children ever born to women age 40–49             | Mean       | Women 40–49                                                                                                   |
| Mean number of children ever born to women age 15–49             | Mean       | Women 15–49                                                                                                   |
| Mean number of living children among women age 15–49             | Mean       | Women 15–49                                                                                                   |
| Median birth interval                                            | Median     | Non-first births in the 5 years preceding the survey                                                          |
| First birth before age 18                                        | Proportion | Women 20–49                                                                                                   |
| Want to delay next birth at least 2 years                        | Proportion | Currently married women 15–49                                                                                 |
| Want no more children                                            | Proportion | Currently married women 15–49                                                                                 |
| Ideal number of children                                         | Mean       | Women 15–49 with numeric responses                                                                            |
| Total wanted fertility rate (3 years)                            | Rate       | Woman-years of exposure to childbearing                                                                       |
| Currently using any contraceptive method                         | Proportion | Currently married women 15–49                                                                                 |
| Currently using any modern method                                | Proportion | Currently married women 15–49                                                                                 |
| Currently using pill                                             | Proportion | Currently married women 15–49                                                                                 |
| Currently using injectables                                      | Proportion | Currently married women 15–49                                                                                 |
| Currently using male condom                                      | Proportion | Currently married women 15–49                                                                                 |
| Currently using any traditional method                           | Proportion | Currently married women 15–49                                                                                 |
| 12-month discontinuation rate due to method failure              | Rate       | Women 15–49                                                                                                   |
| 12-month discontinuation rate due to any reason                  | Rate       | Women 15–49                                                                                                   |
| 12-month discontinuation rate due to switching to another method | Rate       | Women 15–49                                                                                                   |
| Unmet need for spacing                                           | Proportion | Currently married women 15–49                                                                                 |
| Unmet need for limiting                                          | Proportion | Currently married women 15–49                                                                                 |
| Unmet need total                                                 | Proportion | Currently married women 15–49                                                                                 |
| Demand satisfied by modern methods (married women)               | Proportion | Currently married women 15–49                                                                                 |
| Demand satisfied by modern methods (all women)                   | Proportion | Women 15–49                                                                                                   |
| Participation in decision making about family planning           | Proportion | Currently married women 15–49                                                                                 |
| Not exposed to any of the eight media sources                    | Proportion | Women 15–49                                                                                                   |
| Neonatal mortality rate <sup>1</sup>                             | Rate       | Children exposed to the risk of mortality                                                                     |
| Postneonatal mortality rate <sup>1</sup>                         | Rate       | Children exposed to the risk of mortality                                                                     |
| Infant mortality rate <sup>1</sup>                               | Rate       | Children exposed to the risk of mortality                                                                     |
| Child mortality rate <sup>1</sup>                                | Rate       | Children exposed to the risk of mortality                                                                     |
| Under-5 mortality rate <sup>1</sup>                              | Rate       | Children exposed to the risk of mortality                                                                     |
| Perinatal mortality rate                                         | Rate       | Pregnancies of 28 or more weeks' duration among women 15–49 in the 5 years preceding the survey               |
| Stillbirth rate                                                  | Rate       | Pregnancies of 28 or more weeks' duration among women 15–49 in the 5 years preceding the survey               |
| Early neonatal mortality rate                                    | Rate       | Pregnancies of 28 or more weeks' duration among women 15–49 in the 5 years preceding the survey               |
| In any avoidable high-risk category                              | Proportion | Children born in the 5 years preceding the survey to women 15–49                                              |
| Received ANC from a skilled provider                             | Proportion | Women 15–49 who had a live birth in the 2 years preceding the survey                                          |
| 4+ ANC visits                                                    | Proportion | Women 15–49 who had a live birth in the 2 years preceding the survey                                          |
| 8+ ANC visits                                                    | Proportion | Women 15–49 who had a live birth in the 2 years preceding the survey                                          |
| Took any iron-containing supplements                             | Proportion | Women 15–49 who had a live birth in the 2 years preceding the survey                                          |
| Delivered in a health facility (live births)                     | Proportion | Live births in the 2 years preceding the survey                                                               |
| Delivered by C-section (live births)                             | Proportion | Live births in the 2 years preceding the survey                                                               |
| Delivered by a skilled provider (live births)                    | Proportion | Live births in the 2 years preceding the survey                                                               |
| Women with postnatal check during first 2 days                   | Proportion | Women 15–49 with a live birth in the 2 years preceding the survey                                             |
| Newborns with postnatal check during first 2 days                | Proportion | Most recent live births in the 2 years preceding the survey                                                   |
| Any problem accessing health care                                | Proportion | Women 15–49                                                                                                   |

Continued...

**Table B.1—Continued**

| Variable                                                                                                  | Estimate   | Base population                                                      |
|-----------------------------------------------------------------------------------------------------------|------------|----------------------------------------------------------------------|
| Received BCG vaccination                                                                                  | Proportion | Children 12–23 months                                                |
| Received DPT-HepB-Hib vaccination (3 doses)                                                               | Proportion | Children 12–23 months                                                |
| Received pneumococcal vaccination (2 doses)                                                               | Proportion | Children 12–23 months                                                |
| Received 12 vaccinations according to national schedule (12–23 months)                                    | Proportion | Children 12–23 months                                                |
| Received MR/MMR-1 vaccination (24–35 months)                                                              | Proportion | Children 24–35 months                                                |
| Received all basic vaccinations (24–35 months)                                                            | Proportion | Children 24–35 months                                                |
| Received 15 vaccinations according to national schedule (24–35 months)                                    | Proportion | Children 24–35 months                                                |
| Sought treatment for diarrhea                                                                             | Proportion | Children under 5 with diarrhea in last 2 weeks                       |
| Treated with ORS                                                                                          | Proportion | Children under 5 with diarrhea in last 2 weeks                       |
| Height-for-age (–3 SD)                                                                                    | Proportion | Children under 5 who were measured                                   |
| Height-for-age (–2 SD)                                                                                    | Proportion | Children under 5 who were measured                                   |
| Weight-for-height (–2 SD)                                                                                 | Proportion | Children under 5 who were measured                                   |
| Weight-for-height (+2 SD)                                                                                 | Proportion | Children under 5 who were measured                                   |
| Weight-for-age (–2 SD)                                                                                    | Proportion | Children under 5 who were measured                                   |
| Exclusive breastfeeding                                                                                   | Proportion | Youngest children 0–5 months living with their mother                |
| Minimum dietary diversity (children 6–23 months)                                                          | Proportion | Youngest children 6–23 months living with their mother               |
| Prevalence of anemia (children 6–59 months) (hemoglobin <11.0 g/dl)                                       | Proportion | Children 6–59 months who were tested                                 |
| Body mass index (BMI) <18.5                                                                               | Proportion | Women 20–49 who were measured                                        |
| Body mass index (BMI) ≥25                                                                                 | Proportion | Women 20–49 who were measured                                        |
| Body mass index-for-age (–2 SD)                                                                           | Proportion | Adolescent women 15–19 who were measured                             |
| Body mass index-for-age (+1 SD)                                                                           | Proportion | Adolescent women 15–19 who were measured                             |
| Minimum dietary diversity (women 15–49)                                                                   | Proportion | Women 15–49                                                          |
| Prevalence of any anemia (women 15–49)                                                                    | Proportion | Women 15–49 who were tested                                          |
| Prevalence of any anemia (nonpregnant women 15–49) (hemoglobin <12.0 g/dl)                                | Proportion | Nonpregnant women 15–49 who were tested                              |
| Prevalence of any anemia (pregnant women 15–49) (hemoglobin <11.0 g/dl)                                   | Proportion | Pregnant women 15–49 who were tested                                 |
| Child had fever in last 2 weeks                                                                           | Proportion | Child under 5                                                        |
| Child had blood taken from finger/heel                                                                    | Proportion | Child under 5 who had fever in the last 2 weeks                      |
| Discriminatory attitudes towards people with HIV                                                          | Proportion | Women 15–49 who have heard of HIV/AIDS                               |
| Condom use at last sex                                                                                    | Proportion | Women 15–49 with nonmarital, noncohabiting partner in last 12 months |
| Ever tested for HIV and received results of last test                                                     | Proportion | Women 15–49                                                          |
| Employed in last 12 months                                                                                | Proportion | Currently married women 15–49                                        |
| Employed in last 12 months but not paid                                                                   | Proportion | Currently married women 15–49 employed in last 12 months             |
| Mobile phone ownership                                                                                    | Proportion | Women 15–49                                                          |
| Have and use a bank account or mobile phone for financial transactions                                    | Proportion | Women 15–49                                                          |
| Participate in decision making (all three decisions)                                                      | Proportion | Currently married women 15–49                                        |
| Agree with at least one specified reason a husband is justified in wife beating                           | Proportion | Women 15–49                                                          |
| Make own decisions about sexual relations, contraceptive use, and reproductive care                       | Proportion | Currently married women 15–49                                        |
| Experienced physical violence since age 15 by any perpetrator                                             | Proportion | All women 15–49                                                      |
| Experienced sexual violence by any perpetrator ever                                                       | Proportion | All women 15–49                                                      |
| Experienced sexual violence by any non-intimate partner                                                   | Proportion | All women 15–49                                                      |
| Experienced physical/sexual/emotional violence by any husband or intimate partner ever                    | Proportion | Ever-married women 15–49                                             |
| Experienced physical/sexual/emotional violence by current or most recent husband or intimate partner ever | Proportion | Ever-married women 15–49                                             |
| Experienced physical/sexual violence by current or most recent husband or intimate partner ever           | Proportion | Ever-married women 15–49                                             |
| Experienced physical/sexual/emotional violence by any husband or intimate partner in the last 12 months   | Proportion | Ever-married women 15–49                                             |

<sup>1</sup> Mortality rates are calculated for the 5 years before the survey for the national, urban, and rural samples and for the 10 years before the survey for the regional samples.

**Table B.2 Sampling errors: Total sample, Tajikistan DHS 2023**

| Variable                                                         | Value<br>(R) | Standard<br>error<br>(SE) | Number of cases   |                  | Design<br>effect<br>(DEFT) | Relative<br>error<br>(SE/R) | Confidence limits |                  |
|------------------------------------------------------------------|--------------|---------------------------|-------------------|------------------|----------------------------|-----------------------------|-------------------|------------------|
|                                                                  |              |                           | Unweighted<br>(N) | Weighted<br>(WN) |                            |                             | Lower<br>(R-2SE)  | Upper<br>(R+2SE) |
| HOUSEHOLDS AND POPULATION                                        |              |                           |                   |                  |                            |                             |                   |                  |
| Electricity primary source of lighting                           | 0.985        | 0.005                     | 42,958            | 45,294           | 2.851                      | 0.005                       | 0.976             | 0.994            |
| Primary reliance on clean fuels and technology                   | 0.195        | 0.009                     | 42,958            | 45,294           | 1.896                      | 0.044                       | 0.178             | 0.213            |
| Births registered with civil authority                           | 0.968        | 0.003                     | 4,965             | 5,364            | 1.191                      | 0.004                       | 0.961             | 0.975            |
| Improved drinking water source                                   | 0.935        | 0.012                     | 42,958            | 45,294           | 3.853                      | 0.013                       | 0.911             | 0.958            |
| At least basic drinking water service                            | 0.929        | 0.012                     | 42,958            | 45,294           | 3.796                      | 0.013                       | 0.905             | 0.953            |
| Water available when needed                                      | 0.516        | 0.014                     | 42,958            | 45,294           | 2.275                      | 0.027                       | 0.488             | 0.544            |
| Improved sanitation facility                                     | 0.985        | 0.003                     | 42,958            | 45,294           | 1.883                      | 0.003                       | 0.979             | 0.991            |
| At least basic sanitation service                                | 0.972        | 0.004                     | 42,958            | 45,294           | 1.865                      | 0.004                       | 0.965             | 0.980            |
| Using open defecation                                            | 0.000        | 0.000                     | 42,958            | 45,294           | 0.709                      | 0.528                       | 0.000             | 0.000            |
| Using a handwashing facility with soap and water                 | 0.790        | 0.013                     | 42,853            | 45,151           | 2.588                      | 0.016                       | 0.764             | 0.816            |
| WOMEN                                                            |              |                           |                   |                  |                            |                             |                   |                  |
| Urban residence                                                  | 0.274        | 0.006                     | 9,879             | 9,879            | 1.340                      | 0.022                       | 0.262             | 0.286            |
| No education                                                     | 0.014        | 0.002                     | 9,879             | 9,879            | 1.509                      | 0.130                       | 0.010             | 0.017            |
| Secondary education or higher                                    | 0.955        | 0.004                     | 9,879             | 9,879            | 1.727                      | 0.004                       | 0.948             | 0.962            |
| Literacy                                                         | 0.964        | 0.003                     | 9,879             | 9,879            | 1.721                      | 0.003                       | 0.957             | 0.970            |
| Use of the internet in last 12 months                            | 0.444        | 0.013                     | 9,879             | 9,879            | 2.524                      | 0.028                       | 0.418             | 0.469            |
| Current tobacco use                                              | 0.022        | 0.002                     | 9,879             | 9,879            | 1.512                      | 0.102                       | 0.017             | 0.026            |
| Currently married/in union                                       | 0.748        | 0.005                     | 9,879             | 9,879            | 1.175                      | 0.007                       | 0.738             | 0.759            |
| Married before age 15                                            | 0.005        | 0.001                     | 6,599             | 6,552            | 1.075                      | 0.195                       | 0.003             | 0.006            |
| Married before age 18                                            | 0.136        | 0.006                     | 6,599             | 6,552            | 1.370                      | 0.042                       | 0.125             | 0.148            |
| Had sexual intercourse before age 18                             | 0.097        | 0.004                     | 8,165             | 8,169            | 1.367                      | 0.046                       | 0.088             | 0.106            |
| Age-specific fertility rate 15–19                                | 46.569       | 3.697                     | 4,741             | 4,783            | 1.187                      | 0.079                       | 39.176            | 53.963           |
| Total fertility rate (3 years)                                   | 3.468        | 0.077                     | 27,858            | 27,858           | 1.495                      | 0.022                       | 3.314             | 3.622            |
| Total abortion rate (3 years)                                    | 0.191        | 0.023                     | 27,858            | 27,858           | 1.412                      | 0.122                       | 0.144             | 0.238            |
| Currently pregnant                                               | 0.076        | 0.003                     | 9,879             | 9,879            | 1.258                      | 0.044                       | 0.069             | 0.083            |
| Mean number of children ever born to women age 40–49             | 3.283        | 0.048                     | 2,109             | 2,014            | 1.411                      | 0.015                       | 3.186             | 3.380            |
| Mean number of children ever born to women age 15–49             | 2.115        | 0.020                     | 9,879             | 9,879            | 1.135                      | 0.009                       | 2.076             | 2.154            |
| Mean number of living children among women age 15–49             | 2.051        | 0.019                     | 9,879             | 9,879            | 1.117                      | 0.009                       | 2.014             | 2.088            |
| Median birth interval                                            | 32.566       | 0.584                     | 3,623             | 3,753            | 1.342                      | 0.018                       | 31.398            | 33.733           |
| First birth before age 18                                        | 0.022        | 0.002                     | 8,165             | 8,169            | 1.191                      | 0.088                       | 0.018             | 0.026            |
| Want to delay next birth at least 2 years                        | 0.049        | 0.004                     | 7,203             | 7,392            | 1.581                      | 0.082                       | 0.041             | 0.057            |
| Want no more children                                            | 0.370        | 0.008                     | 7,203             | 7,392            | 1.430                      | 0.022                       | 0.353             | 0.386            |
| Ideal number of children                                         | 3.441        | 0.021                     | 9,698             | 9,686            | 1.692                      | 0.006                       | 3.398             | 3.483            |
| Total wanted fertility rate (3 years)                            | 3.223        | 0.070                     | 27,858            | 27,858           | 1.420                      | 0.022                       | 3.084             | 3.363            |
| Currently using any contraceptive method                         | 0.315        | 0.009                     | 7,203             | 7,392            | 1.591                      | 0.028                       | 0.297             | 0.332            |
| Currently using any modern method                                | 0.281        | 0.008                     | 7,203             | 7,392            | 1.527                      | 0.029                       | 0.265             | 0.297            |
| Currently using pill                                             | 0.020        | 0.002                     | 7,203             | 7,392            | 1.312                      | 0.108                       | 0.016             | 0.025            |
| Currently using injectables                                      | 0.010        | 0.002                     | 7,203             | 7,392            | 1.497                      | 0.175                       | 0.007             | 0.014            |
| Currently using male condom                                      | 0.037        | 0.003                     | 7,203             | 7,392            | 1.234                      | 0.074                       | 0.031             | 0.042            |
| Currently using any traditional method                           | 0.034        | 0.003                     | 7,203             | 7,392            | 1.287                      | 0.081                       | 0.029             | 0.040            |
| 12-month discontinuation rate due to method failure              | 0.920        | 1.399                     | 2,551             | 2,326            | 1.376                      | 1.521                       | 0.000             | 3.719            |
| 12-month discontinuation rate due to any reason                  | 35.751       | 0.288                     | 2,551             | 2,326            | 1.413                      | 0.008                       | 35.175            | 36.326           |
| 12-month discontinuation rate due to switching to another method | 7.244        | 0.743                     | 2,551             | 2,326            | 1.330                      | 0.103                       | 5.757             | 8.730            |
| Unmet need for spacing                                           | 0.130        | 0.005                     | 7,203             | 7,392            | 1.366                      | 0.042                       | 0.119             | 0.141            |
| Unmet need for limiting                                          | 0.076        | 0.004                     | 7,203             | 7,392            | 1.291                      | 0.053                       | 0.068             | 0.084            |
| Unmet need total                                                 | 0.206        | 0.006                     | 7,203             | 7,392            | 1.303                      | 0.030                       | 0.193             | 0.218            |
| Demand satisfied by modern methods (married women)               | 0.540        | 0.011                     | 3,841             | 3,847            | 1.396                      | 0.021                       | 0.517             | 0.562            |
| Demand satisfied by modern methods (all women)                   | 0.540        | 0.011                     | 3,879             | 3,876            | 1.426                      | 0.021                       | 0.517             | 0.563            |
| Participation in decision making about family planning           | 0.665        | 0.010                     | 7,203             | 7,392            | 1.762                      | 0.015                       | 0.645             | 0.684            |
| Not exposed to any of the eight media sources                    | 0.523        | 0.015                     | 9,879             | 9,879            | 2.908                      | 0.028                       | 0.494             | 0.553            |
| Neonatal mortality (0–4 years)                                   | 9.680        | 1.863                     | 5,084             | 5,259            | 1.229                      | 0.192                       | 5.954             | 13.407           |
| Postneonatal mortality (0–4 years)                               | 10.739       | 1.634                     | 5,063             | 5,232            | 1.155                      | 0.152                       | 7.470             | 14.008           |
| Infant mortality (0–4 years)                                     | 20.419       | 2.466                     | 5,086             | 5,260            | 1.188                      | 0.121                       | 15.488            | 25.351           |
| Child mortality (0–4 years)                                      | 3.830        | 0.967                     | 4,986             | 5,144            | 1.190                      | 0.252                       | 1.897             | 5.764            |
| Under-5 mortality (0–4 years)                                    | 24.172       | 2.687                     | 5,094             | 5,269            | 1.199                      | 0.111                       | 18.798            | 29.545           |
| Perinatal mortality rate                                         | 13.043       | 1.967                     | 5,101             | 5,276            | 1.232                      | 0.151                       | 9.109             | 16.977           |
| Stillbirth rate                                                  | 5.740        | 1.220                     | 5,101             | 5,276            | 1.176                      | 0.213                       | 3.299             | 8.180            |
| Early neonatal mortality rate                                    | 7.346        | 1.559                     | 5,068             | 5,246            | 1.260                      | 0.212                       | 4.228             | 10.463           |

Continued...



Table B.2—Continued

| Variable                                                                                                  | Value<br>(R) | Standard<br>error<br>(SE) | Number of cases   |                  | Design<br>effect<br>(DEFT) | Relative<br>error<br>(SE/R) | Confidence limits |                  |
|-----------------------------------------------------------------------------------------------------------|--------------|---------------------------|-------------------|------------------|----------------------------|-----------------------------|-------------------|------------------|
|                                                                                                           |              |                           | Unweighted<br>(N) | Weighted<br>(WN) |                            |                             | Lower<br>(R-2SE)  | Upper<br>(R+2SE) |
| In any avoidable high-risk category                                                                       | 0.415        | 0.008                     | 5,068             | 5,246            | 1.215                      | 0.019                       | 0.399             | 0.431            |
| Received ANC from a skilled provider                                                                      | 0.813        | 0.015                     | 1,985             | 2,066            | 1.751                      | 0.019                       | 0.782             | 0.843            |
| 4+ ANC visits                                                                                             | 0.621        | 0.018                     | 1,985             | 2,066            | 1.664                      | 0.029                       | 0.585             | 0.657            |
| 8+ ANC visits                                                                                             | 0.134        | 0.011                     | 1,985             | 2,066            | 1.461                      | 0.084                       | 0.111             | 0.156            |
| Took any iron-containing supplements                                                                      | 0.745        | 0.012                     | 1,985             | 2,066            | 1.238                      | 0.016                       | 0.721             | 0.770            |
| Delivered in a health facility (live births)                                                              | 0.947        | 0.007                     | 2,126             | 2,213            | 1.548                      | 0.008                       | 0.932             | 0.962            |
| Delivered by C-section (live births)                                                                      | 0.104        | 0.008                     | 2,126             | 2,213            | 1.213                      | 0.080                       | 0.087             | 0.121            |
| Delivered by a skilled provider (live births)                                                             | 0.976        | 0.004                     | 2,126             | 2,213            | 1.330                      | 0.004                       | 0.967             | 0.985            |
| Women with postnatal check during first 2 days                                                            | 0.892        | 0.008                     | 1,985             | 2,066            | 1.136                      | 0.009                       | 0.877             | 0.908            |
| Newborns with postnatal check during first 2 days                                                         | 0.851        | 0.010                     | 1,985             | 2,066            | 1.287                      | 0.012                       | 0.830             | 0.871            |
| Any problem accessing health care                                                                         | 0.173        | 0.009                     | 9,879             | 9,879            | 2.302                      | 0.051                       | 0.155             | 0.191            |
| Ever had vaccination card                                                                                 | 0.969        | 0.007                     | 967               | 1,006            | 1.162                      | 0.007                       | 0.956             | 0.982            |
| Received BCG vaccination                                                                                  | 0.932        | 0.011                     | 967               | 1,006            | 1.314                      | 0.011                       | 0.911             | 0.953            |
| Received DPT-HepB-Hib vaccination (3 doses)                                                               | 0.810        | 0.016                     | 967               | 1,006            | 1.290                      | 0.020                       | 0.777             | 0.842            |
| Received pneumococcal vaccination (2 doses)                                                               | 0.379        | 0.023                     | 967               | 1,006            | 1.508                      | 0.062                       | 0.333             | 0.426            |
| Received 12 vaccinations according to national schedule (12–23 months)                                    | 0.737        | 0.019                     | 967               | 1,006            | 1.337                      | 0.026                       | 0.699             | 0.774            |
| Received MR/MMR-1 vaccination (24–35 months)                                                              | 0.800        | 0.020                     | 930               | 958              | 1.507                      | 0.025                       | 0.761             | 0.840            |
| Received all basic vaccinations (24–35 months)                                                            | 0.707        | 0.022                     | 930               | 958              | 1.508                      | 0.032                       | 0.662             | 0.752            |
| Received 15 vaccinations according to national schedule (24–35 months)                                    | 0.625        | 0.024                     | 930               | 958              | 1.542                      | 0.039                       | 0.576             | 0.673            |
| Sought treatment for diarrhea                                                                             | 0.639        | 0.022                     | 824               | 839              | 1.252                      | 0.034                       | 0.595             | 0.682            |
| Treated with ORS                                                                                          | 0.633        | 0.024                     | 824               | 839              | 1.364                      | 0.038                       | 0.585             | 0.681            |
| Height-for-age (–3 SD)                                                                                    | 0.040        | 0.004                     | 4,914             | 5,298            | 1.403                      | 0.099                       | 0.032             | 0.048            |
| Height-for-age (–2 SD)                                                                                    | 0.137        | 0.007                     | 4,914             | 5,298            | 1.447                      | 0.053                       | 0.122             | 0.151            |
| Weight-for-height (–2 SD)                                                                                 | 0.064        | 0.006                     | 4,914             | 5,293            | 1.550                      | 0.089                       | 0.052             | 0.075            |
| Weight-for-height (+2 SD)                                                                                 | 0.046        | 0.004                     | 4,914             | 5,293            | 1.331                      | 0.091                       | 0.037             | 0.054            |
| Weight-for-age (–2 SD)                                                                                    | 0.052        | 0.004                     | 4,953             | 5,345            | 1.394                      | 0.087                       | 0.043             | 0.061            |
| Exclusive breastfeeding                                                                                   | 0.408        | 0.024                     | 571               | 604              | 1.185                      | 0.060                       | 0.359             | 0.457            |
| Minimum dietary diversity (children 6–23 months)                                                          | 0.278        | 0.015                     | 1,394             | 1,440            | 1.267                      | 0.055                       | 0.248             | 0.309            |
| Prevalence of anemia (children 6–59 months) (hemoglobin <11.0 g/dl)                                       | 0.354        | 0.012                     | 4,292             | 4,624            | 1.601                      | 0.034                       | 0.330             | 0.378            |
| Body mass index (BMI) <18.5                                                                               | 0.033        | 0.003                     | 7,284             | 7,259            | 1.282                      | 0.081                       | 0.028             | 0.039            |
| Body mass index (BMI) ≥25                                                                                 | 0.495        | 0.008                     | 7,284             | 7,259            | 1.312                      | 0.016                       | 0.479             | 0.510            |
| Body mass index-for-age (–2 SD)                                                                           | 0.009        | 0.002                     | 1,613             | 1,597            | 1.023                      | 0.266                       | 0.004             | 0.014            |
| Body mass index-for-age (+1 SD)                                                                           | 0.115        | 0.010                     | 1,613             | 1,597            | 1.232                      | 0.085                       | 0.096             | 0.135            |
| Minimum dietary diversity (women 15–49)                                                                   | 0.869        | 0.007                     | 9,879             | 9,879            | 2.175                      | 0.008                       | 0.855             | 0.884            |
| Prevalence of any anemia (women 15–49)                                                                    | 0.356        | 0.008                     | 9,729             | 9,746            | 1.624                      | 0.022                       | 0.341             | 0.372            |
| Prevalence of any anemia (nonpregnant women 15–49) (hemoglobin <12.0 g/dl)                                | 0.361        | 0.008                     | 9,023             | 9,002            | 1.624                      | 0.023                       | 0.345             | 0.378            |
| Prevalence of any anemia (pregnant women 15–49) (hemoglobin <11.0 g/dl)                                   | 0.298        | 0.022                     | 706               | 744              | 1.283                      | 0.074                       | 0.254             | 0.342            |
| Child had fever in last 2 weeks                                                                           | 0.113        | 0.008                     | 4,966             | 5,132            | 1.608                      | 0.067                       | 0.097             | 0.128            |
| Child had blood taken from finger/heel                                                                    | 0.218        | 0.020                     | 565               | 578              | 1.171                      | 0.094                       | 0.177             | 0.259            |
| Discriminatory attitudes towards people with HIV                                                          | 0.724        | 0.010                     | 7,925             | 7,654            | 2.031                      | 0.014                       | 0.703             | 0.744            |
| Condom use at last sex                                                                                    | 0.257        | 0.062                     | 30                | 15               | 0.767                      | 0.240                       | 0.133             | 0.381            |
| Ever tested for HIV and received results of last test                                                     | 0.187        | 0.009                     | 9,879             | 9,879            | 2.310                      | 0.048                       | 0.169             | 0.205            |
| Employed in last 12 months                                                                                | 0.227        | 0.008                     | 7,203             | 7,392            | 1.613                      | 0.035                       | 0.211             | 0.243            |
| Employed in last 12 months but not paid                                                                   | 0.126        | 0.018                     | 1,806             | 1,676            | 2.310                      | 0.143                       | 0.090             | 0.162            |
| Mobile phone ownership                                                                                    | 0.649        | 0.011                     | 9,879             | 9,879            | 2.191                      | 0.016                       | 0.628             | 0.670            |
| Have and use a bank account or mobile phone for financial transactions                                    | 0.151        | 0.007                     | 9,879             | 9,879            | 1.967                      | 0.047                       | 0.136             | 0.165            |
| Participate in decision making (all three decisions)                                                      | 0.357        | 0.012                     | 7,203             | 7,392            | 2.058                      | 0.033                       | 0.333             | 0.380            |
| Agree with at least one specified reason a husband is justified in wife beating                           | 0.478        | 0.011                     | 9,879             | 9,879            | 2.133                      | 0.022                       | 0.457             | 0.500            |
| Make own decisions about sexual relations, contraceptive use, and reproductive care                       | 0.325        | 0.010                     | 7,203             | 7,392            | 1.870                      | 0.032                       | 0.305             | 0.346            |
| Experienced physical violence since age 15 by any perpetrator                                             | 0.119        | 0.009                     | 6,448             | 6,448            | 2.301                      | 0.078                       | 0.101             | 0.138            |
| Experienced sexual violence by any perpetrator ever                                                       | 0.019        | 0.003                     | 6,448             | 6,448            | 1.566                      | 0.141                       | 0.013             | 0.024            |
| Experienced sexual violence by any non-intimate partner                                                   | 0.001        | 0.001                     | 6,448             | 6,448            | 1.654                      | 0.589                       | 0.000             | 0.003            |
| Experienced physical/sexual/emotional violence by any husband or intimate partner ever                    | 0.168        | 0.012                     | 5,515             | 5,241            | 2.397                      | 0.072                       | 0.144             | 0.193            |
| Experienced physical/sexual/emotional violence by current or most recent husband or intimate partner ever | 0.164        | 0.012                     | 5,515             | 5,241            | 2.413                      | 0.073                       | 0.140             | 0.188            |
| Experienced physical/sexual violence by current or most recent husband or intimate partner ever           | 0.139        | 0.011                     | 5,515             | 5,241            | 2.367                      | 0.079                       | 0.117             | 0.161            |
| Experienced physical/sexual/emotional violence by any husband or intimate partner in the last 12 months   | 0.139        | 0.012                     | 5,515             | 5,241            | 2.536                      | 0.085                       | 0.115             | 0.162            |

**Table B.3 Sampling errors: Urban sample, Tajikistan DHS 2023**

| Variable                                                               | Value<br>(R) | Standard<br>error<br>(SE) | Number of cases   |                  | Design<br>effect<br>(DEFT) | Relative<br>error<br>(SE/R) | Confidence limits |                  |
|------------------------------------------------------------------------|--------------|---------------------------|-------------------|------------------|----------------------------|-----------------------------|-------------------|------------------|
|                                                                        |              |                           | Unweighted<br>(N) | Weighted<br>(WN) |                            |                             | Lower<br>(R-2SE)  | Upper<br>(R+2SE) |
| HOUSEHOLDS AND POPULATION                                              |              |                           |                   |                  |                            |                             |                   |                  |
| Electricity primary source of lighting                                 | 0.994        | 0.002                     | 17,517            | 11,813           | 1.421                      | 0.002                       | 0.990             | 0.999            |
| Primary reliance on clean fuels and technology                         | 0.626        | 0.032                     | 17,517            | 11,813           | 3.493                      | 0.051                       | 0.562             | 0.690            |
| Births registered with civil authority                                 | 0.966        | 0.007                     | 1,965             | 1,335            | 1.274                      | 0.007                       | 0.952             | 0.979            |
| Improved drinking water source                                         | 0.997        | 0.001                     | 17,517            | 11,813           | 1.357                      | 0.001                       | 0.995             | 1.000            |
| At least basic drinking water service                                  | 0.987        | 0.009                     | 17,517            | 11,813           | 4.154                      | 0.009                       | 0.970             | 1.000            |
| Water available when needed                                            | 0.515        | 0.020                     | 17,517            | 11,813           | 2.124                      | 0.038                       | 0.476             | 0.554            |
| Improved sanitation facility                                           | 0.994        | 0.002                     | 17,517            | 11,813           | 1.345                      | 0.002                       | 0.990             | 0.998            |
| At least basic sanitation service                                      | 0.961        | 0.008                     | 17,517            | 11,813           | 2.333                      | 0.008                       | 0.945             | 0.977            |
| Using open defecation                                                  | 0.000        | 0.000                     | 17,517            | 11,813           | na                         | na                          | 0.000             | 0.000            |
| Using a handwashing facility with soap and water                       | 0.906        | 0.014                     | 17,491            | 11,794           | 2.564                      | 0.015                       | 0.879             | 0.934            |
| WOMEN                                                                  |              |                           |                   |                  |                            |                             |                   |                  |
| No education                                                           | 0.014        | 0.004                     | 4,218             | 2,705            | 1.997                      | 0.258                       | 0.007             | 0.021            |
| Secondary education or higher                                          | 0.960        | 0.006                     | 4,218             | 2,705            | 1.977                      | 0.006                       | 0.948             | 0.972            |
| Literacy                                                               | 0.972        | 0.005                     | 4,218             | 2,705            | 2.125                      | 0.006                       | 0.962             | 0.983            |
| Use of the internet in last 12 months                                  | 0.577        | 0.017                     | 4,218             | 2,705            | 2.236                      | 0.029                       | 0.543             | 0.611            |
| Current tobacco use                                                    | 0.026        | 0.003                     | 4,218             | 2,705            | 1.245                      | 0.118                       | 0.020             | 0.032            |
| Age-specific fertility rate 15–19                                      | 36.121       | 4.972                     | 2,102             | 1,369            | 1.146                      | 0.138                       | 26.177            | 46.065           |
| Total fertility rate (3 years)                                         | 3.248        | 0.089                     | 11,920            | 7,647            | 1.159                      | 0.027                       | 3.069             | 3.426            |
| Total abortion rate (3 years)                                          | 0.165        | 0.025                     | 11,920            | 7,647            | 1.138                      | 0.150                       | 0.116             | 0.215            |
| Currently pregnant                                                     | 0.066        | 0.005                     | 4,218             | 2,705            | 1.204                      | 0.070                       | 0.057             | 0.075            |
| Mean number of children ever born to women age 40–49                   | 2.972        | 0.056                     | 887               | 555              | 1.157                      | 0.019                       | 2.859             | 3.084            |
| Median birth interval                                                  | 35.172       | 0.971                     | 1,410             | 922              | 1.118                      | 0.028                       | 33.230            | 37.114           |
| Want no more children                                                  | 0.368        | 0.013                     | 2,893             | 1,870            | 1.403                      | 0.034                       | 0.343             | 0.393            |
| Ideal number of children                                               | 3.328        | 0.027                     | 4,150             | 2,658            | 1.488                      | 0.008                       | 3.273             | 3.382            |
| Total wanted fertility rate (3 years)                                  | 3.077        | 0.087                     | 11,920            | 7,647            | 1.144                      | 0.028                       | 2.902             | 3.251            |
| Currently using any contraceptive method                               | 0.367        | 0.011                     | 2,893             | 1,870            | 1.209                      | 0.030                       | 0.345             | 0.389            |
| Currently using any modern method                                      | 0.325        | 0.011                     | 2,893             | 1,870            | 1.224                      | 0.033                       | 0.304             | 0.347            |
| Currently using pill                                                   | 0.022        | 0.003                     | 2,893             | 1,870            | 1.056                      | 0.131                       | 0.016             | 0.028            |
| Currently using injectables                                            | 0.004        | 0.001                     | 2,893             | 1,870            | 1.197                      | 0.376                       | 0.001             | 0.006            |
| Currently using male condom                                            | 0.062        | 0.005                     | 2,893             | 1,870            | 1.100                      | 0.080                       | 0.052             | 0.072            |
| Currently using any traditional method                                 | 0.042        | 0.004                     | 2,893             | 1,870            | 1.153                      | 0.103                       | 0.033             | 0.050            |
| Unmet need for spacing                                                 | 0.138        | 0.008                     | 2,893             | 1,870            | 1.241                      | 0.058                       | 0.122             | 0.154            |
| Unmet need for limiting                                                | 0.065        | 0.007                     | 2,893             | 1,870            | 1.427                      | 0.101                       | 0.051             | 0.078            |
| Unmet need total                                                       | 0.203        | 0.009                     | 2,893             | 1,870            | 1.219                      | 0.045                       | 0.184             | 0.221            |
| Demand satisfied by modern methods (married women)                     | 0.571        | 0.014                     | 1,658             | 1,065            | 1.160                      | 0.025                       | 0.543             | 0.599            |
| Demand satisfied by modern methods (all women)                         | 0.573        | 0.014                     | 1,682             | 1,079            | 1.180                      | 0.025                       | 0.545             | 0.602            |
| Participation in decision making about family planning                 | 0.719        | 0.014                     | 2,893             | 1,870            | 1.673                      | 0.019                       | 0.691             | 0.747            |
| Not exposed to any of the eight media sources                          | 0.380        | 0.018                     | 4,218             | 2,705            | 2.408                      | 0.047                       | 0.344             | 0.417            |
| Neonatal mortality (0–4 years)                                         | 10.176       | 2.681                     | 2,013             | 1,312            | 1.174                      | 0.263                       | 4.814             | 15.537           |
| Postneonatal mortality (0–4 years)                                     | 7.769        | 2.306                     | 2,011             | 1,312            | 1.229                      | 0.297                       | 3.158             | 12.381           |
| Infant mortality (0–4 years)                                           | 17.945       | 3.709                     | 2,014             | 1,312            | 1.282                      | 0.207                       | 10.528            | 25.363           |
| Child mortality (0–4 years)                                            | 3.059        | 1.178                     | 1,958             | 1,266            | 0.996                      | 0.385                       | 0.704             | 5.414            |
| Under-5 mortality (0–4 years)                                          | 20.949       | 3.976                     | 2,015             | 1,313            | 1.277                      | 0.190                       | 12.998            | 28.901           |
| Perinatal mortality rate                                               | 15.615       | 3.090                     | 2,027             | 1,319            | 1.112                      | 0.198                       | 9.434             | 21.795           |
| Stillbirth rate                                                        | 7.055        | 1.927                     | 2,027             | 1,319            | 1.049                      | 0.273                       | 3.202             | 10.909           |
| Early neonatal mortality rate                                          | 8.620        | 2.498                     | 2,010             | 1,310            | 1.170                      | 0.290                       | 3.625             | 13.615           |
| Received ANC from a skilled provider                                   | 0.843        | 0.018                     | 810               | 536              | 1.437                      | 0.022                       | 0.806             | 0.880            |
| 4+ ANC visits                                                          | 0.713        | 0.022                     | 810               | 536              | 1.398                      | 0.031                       | 0.669             | 0.758            |
| 8+ ANC visits                                                          | 0.203        | 0.022                     | 810               | 536              | 1.525                      | 0.106                       | 0.159             | 0.246            |
| Took any iron-containing supplements                                   | 0.827        | 0.017                     | 810               | 536              | 1.273                      | 0.020                       | 0.793             | 0.861            |
| Delivered in a health facility (live births)                           | 0.982        | 0.005                     | 871               | 578              | 1.113                      | 0.005                       | 0.972             | 0.993            |
| Delivered by C-section (live births)                                   | 0.125        | 0.014                     | 871               | 578              | 1.160                      | 0.109                       | 0.098             | 0.153            |
| Delivered by a skilled provider (live births)                          | 0.995        | 0.002                     | 871               | 578              | 1.034                      | 0.002                       | 0.990             | 1.000            |
| Women with postnatal check during first 2 days                         | 0.876        | 0.014                     | 810               | 536              | 1.231                      | 0.016                       | 0.847             | 0.904            |
| Newborns with postnatal check during first 2 days                      | 0.804        | 0.016                     | 810               | 536              | 1.173                      | 0.020                       | 0.771             | 0.837            |
| Any problem accessing health care                                      | 0.204        | 0.011                     | 4,218             | 2,705            | 1.832                      | 0.056                       | 0.181             | 0.226            |
| Ever had vaccination card                                              | 0.977        | 0.009                     | 394               | 260              | 1.135                      | 0.009                       | 0.959             | 0.995            |
| Received BCG vaccination                                               | 0.941        | 0.013                     | 394               | 260              | 1.087                      | 0.014                       | 0.914             | 0.967            |
| Received DPT-HepB-Hib vaccination (3 doses)                            | 0.769        | 0.023                     | 394               | 260              | 1.094                      | 0.031                       | 0.722             | 0.816            |
| Received pneumococcal vaccination (2 doses)                            | 0.422        | 0.031                     | 394               | 260              | 1.219                      | 0.072                       | 0.361             | 0.483            |
| Received 12 vaccinations according to national schedule (12–23 months) | 0.668        | 0.027                     | 394               | 260              | 1.104                      | 0.040                       | 0.615             | 0.721            |
| Received MR/MMR-1 vaccination (24–35 months)                           | 0.863        | 0.022                     | 355               | 222              | 1.184                      | 0.025                       | 0.819             | 0.907            |
| Received all basic vaccinations (24–35 months)                         | 0.730        | 0.027                     | 355               | 222              | 1.127                      | 0.037                       | 0.676             | 0.785            |
| Received 15 vaccinations according to national schedule (24–35 months) | 0.625        | 0.030                     | 355               | 222              | 1.129                      | 0.047                       | 0.566             | 0.685            |
| Sought treatment for diarrhea                                          | 0.685        | 0.033                     | 386               | 251              | 1.362                      | 0.048                       | 0.619             | 0.751            |
| Treated with ORS                                                       | 0.789        | 0.026                     | 386               | 251              | 1.228                      | 0.033                       | 0.737             | 0.841            |
| Height-for-age (–3 SD)                                                 | 0.026        | 0.005                     | 1,949             | 1,318            | 1.234                      | 0.178                       | 0.017             | 0.036            |
| Height-for-age (–2 SD)                                                 | 0.109        | 0.009                     | 1,949             | 1,318            | 1.261                      | 0.086                       | 0.090             | 0.127            |
| Weight-for-height (–2 SD)                                              | 0.037        | 0.005                     | 1,951             | 1,319            | 1.166                      | 0.140                       | 0.027             | 0.048            |

Continued...

Table B.3—Continued

| Variable                                                                                                     | Value<br>(R) | Standard<br>error<br>(SE) | Number of cases   |                  | Design<br>effect<br>(DEFT) | Relative<br>error<br>(SE/R) | Confidence limits |                  |
|--------------------------------------------------------------------------------------------------------------|--------------|---------------------------|-------------------|------------------|----------------------------|-----------------------------|-------------------|------------------|
|                                                                                                              |              |                           | Unweighted<br>(N) | Weighted<br>(WN) |                            |                             | Lower<br>(R-2SE)  | Upper<br>(R+2SE) |
| Weight-for-height (+2 SD)                                                                                    | 0.047        | 0.007                     | 1,951             | 1,319            | 1.423                      | 0.158                       | 0.032             | 0.061            |
| Weight-for-age (-2 SD)                                                                                       | 0.041        | 0.006                     | 1,959             | 1,325            | 1.106                      | 0.135                       | 0.030             | 0.052            |
| Exclusive breastfeeding                                                                                      | 0.368        | 0.035                     | 231               | 156              | 1.086                      | 0.094                       | 0.298             | 0.437            |
| Minimum dietary diversity (children 6–23 months)                                                             | 0.337        | 0.025                     | 571               | 373              | 1.245                      | 0.073                       | 0.288             | 0.387            |
| Prevalence of anemia (children 6–59 months)<br>(hemoglobin <11.0 g/dl)                                       | 0.319        | 0.016                     | 1,683             | 1,131            | 1.368                      | 0.050                       | 0.287             | 0.351            |
| Body mass index (BMI) <18.5                                                                                  | 0.031        | 0.004                     | 3,103             | 1,991            | 1.149                      | 0.116                       | 0.023             | 0.038            |
| Body mass index (BMI) ≥25                                                                                    | 0.519        | 0.011                     | 3,103             | 1,991            | 1.248                      | 0.022                       | 0.496             | 0.541            |
| Body mass index-for-age (-2 SD)                                                                              | 0.008        | 0.003                     | 708               | 454              | 0.980                      | 0.407                       | 0.002             | 0.015            |
| Body mass index-for-age (+1 SD)                                                                              | 0.109        | 0.014                     | 708               | 454              | 1.168                      | 0.126                       | 0.081             | 0.136            |
| Minimum dietary diversity (women 15–49)                                                                      | 0.883        | 0.009                     | 4,218             | 2,705            | 1.839                      | 0.010                       | 0.865             | 0.902            |
| Prevalence of any anemia (women 15–49)                                                                       | 0.334        | 0.011                     | 4,117             | 2,645            | 1.438                      | 0.032                       | 0.313             | 0.356            |
| Child had fever in last 2 weeks                                                                              | 0.147        | 0.010                     | 1,977             | 1,286            | 1.268                      | 0.071                       | 0.126             | 0.168            |
| Child had blood taken from finger/heel                                                                       | 0.250        | 0.029                     | 281               | 189              | 1.129                      | 0.116                       | 0.192             | 0.308            |
| Discriminatory attitudes towards people with HIV                                                             | 0.647        | 0.013                     | 3,713             | 2,352            | 1.633                      | 0.020                       | 0.621             | 0.672            |
| Condom use at last sex                                                                                       | 0.298        | 0.083                     | 21                | 11               | 0.823                      | 0.280                       | 0.131             | 0.465            |
| Ever tested for HIV and received results of last test                                                        | 0.233        | 0.013                     | 4,218             | 2,705            | 1.964                      | 0.055                       | 0.208             | 0.259            |
| Mobile phone ownership                                                                                       | 0.787        | 0.014                     | 4,218             | 2,705            | 2.145                      | 0.017                       | 0.760             | 0.814            |
| Have and use a bank account or mobile phone for<br>financial transactions                                    | 0.246        | 0.013                     | 4,218             | 2,705            | 1.939                      | 0.052                       | 0.221             | 0.272            |
| Participate in decision making (all three decisions)                                                         | 0.421        | 0.016                     | 2,893             | 1,870            | 1.779                      | 0.039                       | 0.389             | 0.454            |
| Agree with at least one specified reason a husband is<br>justified in wife beating                           | 0.393        | 0.015                     | 4,218             | 2,705            | 1.965                      | 0.038                       | 0.364             | 0.423            |
| Make own decisions about sexual relations,<br>contraceptive use, and reproductive care                       | 0.390        | 0.013                     | 2,893             | 1,870            | 1.473                      | 0.034                       | 0.363             | 0.417            |
| Experienced physical violence since age 15 by any<br>perpetrator                                             | 0.111        | 0.010                     | 2,809             | 1,760            | 1.743                      | 0.093                       | 0.091             | 0.132            |
| Experienced sexual violence by any perpetrator ever                                                          | 0.019        | 0.004                     | 2,809             | 1,760            | 1.376                      | 0.187                       | 0.012             | 0.026            |
| Experienced sexual violence by any non-intimate partner                                                      | 0.001        | 0.001                     | 2,809             | 1,760            | 1.693                      | 0.997                       | 0.000             | 0.003            |
| Experienced physical/sexual/emotional violence by<br>current or most recent husband or intimate partner ever | 0.164        | 0.014                     | 2,345             | 1,355            | 1.849                      | 0.086                       | 0.136             | 0.192            |
| Experienced physical/sexual violence by current or most<br>recent husband or intimate partner ever           | 0.134        | 0.013                     | 2,345             | 1,355            | 1.806                      | 0.095                       | 0.109             | 0.160            |
| Experienced physical/sexual/emotional violence by any<br>husband or intimate partner in the last 12 months   | 0.138        | 0.014                     | 2,345             | 1,355            | 1.902                      | 0.098                       | 0.111             | 0.165            |

na = not applicable

**Table B.4 Sampling errors: Rural sample, Tajikistan DHS 2023**

| Variable                                                               | Value<br>(R) | Standard<br>error<br>(SE) | Number of cases   |                  | Design<br>effect<br>(DEFT) | Relative<br>error<br>(SE/R) | Confidence limits |                  |
|------------------------------------------------------------------------|--------------|---------------------------|-------------------|------------------|----------------------------|-----------------------------|-------------------|------------------|
|                                                                        |              |                           | Unweighted<br>(N) | Weighted<br>(WN) |                            |                             | Lower<br>(R-2SE)  | Upper<br>(R+2SE) |
| HOUSEHOLDS AND POPULATION                                              |              |                           |                   |                  |                            |                             |                   |                  |
| Electricity primary source of lighting                                 | 0.981        | 0.006                     | 25,441            | 33,480           | 2.642                      | 0.006                       | 0.969             | 0.994            |
| Primary reliance on clean fuels and technology                         | 0.044        | 0.006                     | 25,441            | 33,480           | 1.962                      | 0.143                       | 0.031             | 0.056            |
| Births registered with civil authority                                 | 0.969        | 0.004                     | 3,000             | 4,029            | 1.111                      | 0.004                       | 0.961             | 0.977            |
| Improved drinking water source                                         | 0.913        | 0.016                     | 25,441            | 33,480           | 3.462                      | 0.017                       | 0.881             | 0.944            |
| At least basic drinking water service                                  | 0.909        | 0.016                     | 25,441            | 33,480           | 3.413                      | 0.017                       | 0.877             | 0.940            |
| Water available when needed                                            | 0.516        | 0.018                     | 25,441            | 33,480           | 2.141                      | 0.034                       | 0.481             | 0.551            |
| Improved sanitation facility                                           | 0.982        | 0.004                     | 25,441            | 33,480           | 1.736                      | 0.004                       | 0.974             | 0.989            |
| At least basic sanitation service                                      | 0.976        | 0.004                     | 25,441            | 33,480           | 1.641                      | 0.004                       | 0.969             | 0.984            |
| Using open defecation                                                  | 0.000        | 0.000                     | 25,441            | 33,480           | 0.629                      | 0.528                       | 0.000             | 0.000            |
| Using a handwashing facility with soap and water                       | 0.749        | 0.017                     | 25,362            | 33,357           | 2.401                      | 0.022                       | 0.715             | 0.782            |
| WOMEN                                                                  |              |                           |                   |                  |                            |                             |                   |                  |
| No education                                                           | 0.013        | 0.002                     | 5,661             | 7,174            | 1.308                      | 0.150                       | 0.009             | 0.017            |
| Secondary education or higher                                          | 0.953        | 0.004                     | 5,661             | 7,174            | 1.572                      | 0.005                       | 0.944             | 0.962            |
| Literacy                                                               | 0.960        | 0.004                     | 5,661             | 7,174            | 1.534                      | 0.004                       | 0.952             | 0.968            |
| Use of the internet in last 12 months                                  | 0.393        | 0.016                     | 5,661             | 7,174            | 2.468                      | 0.041                       | 0.361             | 0.425            |
| Current tobacco use                                                    | 0.020        | 0.003                     | 5,661             | 7,174            | 1.510                      | 0.139                       | 0.015             | 0.026            |
| Age-specific fertility rate 15–19                                      | 50.759       | 4.768                     | 2,639             | 3,414            | 1.119                      | 0.094                       | 41.223            | 60.294           |
| Total fertility rate (3 years)                                         | 3.548        | 0.100                     | 15,939            | 20,211           | 1.457                      | 0.028                       | 3.349             | 3.747            |
| Total abortion rate (3 years)                                          | 0.201        | 0.031                     | 15,939            | 20,211           | 1.366                      | 0.153                       | 0.139             | 0.262            |
| Currently pregnant                                                     | 0.080        | 0.004                     | 5,661             | 7,174            | 1.186                      | 0.054                       | 0.071             | 0.088            |
| Mean number of children ever born to women age 40–49                   | 3.401        | 0.064                     | 1,222             | 1,459            | 1.385                      | 0.019                       | 3.274             | 3.528            |
| Median birth interval                                                  | 31.839       | 0.666                     | 2,213             | 2,831            | 1.308                      | 0.021                       | 30.507            | 33.170           |
| Want no more children                                                  | 0.370        | 0.010                     | 4,310             | 5,522            | 1.362                      | 0.027                       | 0.350             | 0.390            |
| Ideal number of children                                               | 3.483        | 0.028                     | 5,548             | 7,028            | 1.623                      | 0.008                       | 3.428             | 3.539            |
| Total wanted fertility rate (3 years)                                  | 3.275        | 0.089                     | 15,939            | 20,211           | 1.380                      | 0.027                       | 3.097             | 3.453            |
| Currently using any contraceptive method                               | 0.297        | 0.011                     | 4,310             | 5,522            | 1.592                      | 0.037                       | 0.275             | 0.319            |
| Currently using any modern method                                      | 0.266        | 0.010                     | 4,310             | 5,522            | 1.521                      | 0.039                       | 0.245             | 0.286            |
| Currently using pill                                                   | 0.020        | 0.003                     | 4,310             | 5,522            | 1.297                      | 0.140                       | 0.014             | 0.025            |
| Currently using injectables                                            | 0.012        | 0.002                     | 4,310             | 5,522            | 1.378                      | 0.188                       | 0.008             | 0.017            |
| Currently using male condom                                            | 0.028        | 0.003                     | 4,310             | 5,522            | 1.302                      | 0.116                       | 0.022             | 0.035            |
| Currently using any traditional method                                 | 0.031        | 0.003                     | 4,310             | 5,522            | 1.269                      | 0.107                       | 0.025             | 0.038            |
| Unmet need for spacing                                                 | 0.127        | 0.007                     | 4,310             | 5,522            | 1.324                      | 0.053                       | 0.114             | 0.141            |
| Unmet need for limiting                                                | 0.079        | 0.005                     | 4,310             | 5,522            | 1.192                      | 0.062                       | 0.070             | 0.089            |
| Unmet need total                                                       | 0.207        | 0.008                     | 4,310             | 5,522            | 1.251                      | 0.037                       | 0.191             | 0.222            |
| Demand satisfied by modern methods (married women)                     | 0.527        | 0.015                     | 2,183             | 2,782            | 1.385                      | 0.028                       | 0.498             | 0.557            |
| Demand satisfied by modern methods (all women)                         | 0.528        | 0.015                     | 2,197             | 2,796            | 1.405                      | 0.028                       | 0.498             | 0.557            |
| Participation in decision making about family planning                 | 0.646        | 0.012                     | 4,310             | 5,522            | 1.668                      | 0.019                       | 0.622             | 0.670            |
| Not exposed to any of the eight media sources                          | 0.577        | 0.019                     | 5,661             | 7,174            | 2.893                      | 0.033                       | 0.539             | 0.615            |
| Neonatal mortality (0–4 years)                                         | 9.515        | 2.321                     | 3,071             | 3,947            | 1.156                      | 0.244                       | 4.873             | 14.158           |
| Postneonatal mortality (0–4 years)                                     | 11.726       | 2.035                     | 3,052             | 3,921            | 1.050                      | 0.174                       | 7.655             | 15.796           |
| Infant mortality (0–4 years)                                           | 21.241       | 3.050                     | 3,072             | 3,948            | 1.085                      | 0.144                       | 15.140            | 27.342           |
| Child mortality (0–4 years)                                            | 4.079        | 1.221                     | 3,028             | 3,878            | 1.104                      | 0.299                       | 1.637             | 6.520            |
| Under-5 mortality (0–4 years)                                          | 25.233       | 3.327                     | 3,079             | 3,956            | 1.095                      | 0.132                       | 18.579            | 31.887           |
| Perinatal mortality rate                                               | 12.186       | 2.410                     | 3,074             | 3,957            | 1.198                      | 0.198                       | 7.367             | 17.005           |
| Stillbirth rate                                                        | 5.301        | 1.492                     | 3,074             | 3,957            | 1.151                      | 0.282                       | 2.316             | 8.286            |
| Early neonatal mortality rate                                          | 6.922        | 1.904                     | 3,058             | 3,936            | 1.217                      | 0.275                       | 3.114             | 10.730           |
| Received ANC from a skilled provider                                   | 0.802        | 0.020                     | 1,175             | 1,530            | 1.688                      | 0.025                       | 0.762             | 0.841            |
| 4+ ANC visits                                                          | 0.588        | 0.023                     | 1,175             | 1,530            | 1.605                      | 0.039                       | 0.542             | 0.635            |
| 8+ ANC visits                                                          | 0.110        | 0.013                     | 1,175             | 1,530            | 1.421                      | 0.118                       | 0.084             | 0.136            |
| Took any iron-containing supplements                                   | 0.717        | 0.015                     | 1,175             | 1,530            | 1.146                      | 0.021                       | 0.687             | 0.747            |
| Delivered in a health facility (live births)                           | 0.935        | 0.010                     | 1,255             | 1,635            | 1.437                      | 0.011                       | 0.915             | 0.955            |
| Delivered by C-section (live births)                                   | 0.097        | 0.010                     | 1,255             | 1,635            | 1.182                      | 0.105                       | 0.076             | 0.117            |
| Delivered by a skilled provider (live births)                          | 0.969        | 0.006                     | 1,255             | 1,635            | 1.215                      | 0.006                       | 0.958             | 0.981            |
| Women with postnatal check during first 2 days                         | 0.898        | 0.009                     | 1,175             | 1,530            | 1.065                      | 0.010                       | 0.879             | 0.917            |
| Newborns with postnatal check during first 2 days                      | 0.867        | 0.013                     | 1,175             | 1,530            | 1.280                      | 0.015                       | 0.842             | 0.893            |
| Any problem accessing health care                                      | 0.161        | 0.011                     | 5,661             | 7,174            | 2.302                      | 0.070                       | 0.139             | 0.184            |
| Ever had vaccination card                                              | 0.966        | 0.008                     | 573               | 746              | 1.090                      | 0.008                       | 0.950             | 0.983            |
| Received BCG vaccination                                               | 0.929        | 0.014                     | 573               | 746              | 1.270                      | 0.015                       | 0.902             | 0.956            |
| Received DPT-HepB-Hib vaccination (3 doses)                            | 0.824        | 0.020                     | 573               | 746              | 1.281                      | 0.025                       | 0.784             | 0.864            |
| Received pneumococcal vaccination (2 doses)                            | 0.365        | 0.030                     | 573               | 746              | 1.487                      | 0.082                       | 0.305             | 0.424            |
| Received 12 vaccinations according to national schedule (12–23 months) | 0.761        | 0.024                     | 573               | 746              | 1.337                      | 0.031                       | 0.713             | 0.808            |
| Received MR/MMR-1 vaccination (24–35 months)                           | 0.782        | 0.025                     | 575               | 736              | 1.431                      | 0.032                       | 0.732             | 0.831            |
| Received all basic vaccinations (24–35 months)                         | 0.700        | 0.028                     | 575               | 736              | 1.463                      | 0.040                       | 0.644             | 0.756            |
| Received 15 vaccinations according to national schedule (24–35 months) | 0.624        | 0.030                     | 575               | 736              | 1.505                      | 0.049                       | 0.563             | 0.685            |
| Sought treatment for diarrhea                                          | 0.619        | 0.028                     | 438               | 588              | 1.164                      | 0.045                       | 0.563             | 0.674            |
| Treated with ORS                                                       | 0.567        | 0.031                     | 438               | 588              | 1.293                      | 0.055                       | 0.504             | 0.630            |
| Height-for-age (–3 SD)                                                 | 0.044        | 0.005                     | 2,965             | 3,980            | 1.308                      | 0.114                       | 0.034             | 0.054            |
| Height-for-age (–2 SD)                                                 | 0.146        | 0.009                     | 2,965             | 3,980            | 1.370                      | 0.062                       | 0.128             | 0.164            |
| Weight-for-height (–2 SD)                                              | 0.073        | 0.007                     | 2,963             | 3,974            | 1.454                      | 0.101                       | 0.058             | 0.087            |
| Weight-for-height (+2 SD)                                              | 0.045        | 0.005                     | 2,963             | 3,974            | 1.228                      | 0.110                       | 0.035             | 0.055            |
| Weight-for-age (–2 SD)                                                 | 0.055        | 0.006                     | 2,994             | 4,020            | 1.337                      | 0.103                       | 0.044             | 0.067            |

Continued...

Table B.4—Continued

| Variable                                                                                                     | Value<br>(R) | Standard<br>error<br>(SE) | Number of cases   |                  | Design<br>effect<br>(DEFT) | Relative<br>error<br>(SE/R) | Confidence limits |                  |
|--------------------------------------------------------------------------------------------------------------|--------------|---------------------------|-------------------|------------------|----------------------------|-----------------------------|-------------------|------------------|
|                                                                                                              |              |                           | Unweighted<br>(N) | Weighted<br>(WN) |                            |                             | Lower<br>(R-2SE)  | Upper<br>(R+2SE) |
| Exclusive breastfeeding                                                                                      | 0.422        | 0.031                     | 340               | 448              | 1.140                      | 0.073                       | 0.361             | 0.483            |
| Minimum dietary diversity (children 6–23 months)                                                             | 0.257        | 0.019                     | 823               | 1,067            | 1.215                      | 0.072                       | 0.220             | 0.295            |
| Prevalence of anemia (children 6–59 months)<br>(hemoglobin <11.0 g/dl)                                       | 0.366        | 0.015                     | 2,609             | 3,493            | 1.526                      | 0.041                       | 0.336             | 0.395            |
| Body mass index (BMI) <18.5                                                                                  | 0.034        | 0.003                     | 4,181             | 5,269            | 1.230                      | 0.101                       | 0.027             | 0.041            |
| Body mass index (BMI) ≥25                                                                                    | 0.485        | 0.010                     | 4,181             | 5,269            | 1.258                      | 0.020                       | 0.466             | 0.505            |
| Body mass index-for-age (–2 SD)                                                                              | 0.009        | 0.003                     | 905               | 1,143            | 0.967                      | 0.328                       | 0.003             | 0.016            |
| Body mass index-for-age (+1 SD)                                                                              | 0.118        | 0.013                     | 905               | 1,143            | 1.172                      | 0.107                       | 0.092             | 0.143            |
| Minimum dietary diversity (women 15–49)                                                                      | 0.864        | 0.010                     | 5,661             | 7,174            | 2.096                      | 0.011                       | 0.845             | 0.883            |
| Prevalence of any anemia (women 15–49)                                                                       | 0.365        | 0.010                     | 5,612             | 7,101            | 1.567                      | 0.028                       | 0.344             | 0.385            |
| Child had fever in last 2 weeks                                                                              | 0.101        | 0.009                     | 2,989             | 3,846            | 1.621                      | 0.093                       | 0.082             | 0.120            |
| Child had blood taken from finger/heel                                                                       | 0.203        | 0.027                     | 284               | 388              | 1.159                      | 0.133                       | 0.149             | 0.256            |
| Discriminatory attitudes towards people with HIV                                                             | 0.758        | 0.014                     | 4,212             | 5,302            | 2.050                      | 0.018                       | 0.731             | 0.785            |
| Condom use at last sex                                                                                       | 0.155        | 0.056                     | 9                 | 4                | 0.459                      | 0.362                       | 0.043             | 0.267            |
| Ever tested for HIV and received results of last test                                                        | 0.170        | 0.012                     | 5,661             | 7,174            | 2.312                      | 0.068                       | 0.147             | 0.193            |
| Mobile phone ownership                                                                                       | 0.597        | 0.013                     | 5,661             | 7,174            | 2.055                      | 0.022                       | 0.571             | 0.624            |
| Have and use a bank account or mobile phone for<br>financial transactions                                    | 0.114        | 0.008                     | 5,661             | 7,174            | 1.975                      | 0.073                       | 0.098             | 0.131            |
| Participate in decision making (all three decisions)                                                         | 0.335        | 0.015                     | 4,310             | 5,522            | 2.021                      | 0.043                       | 0.306             | 0.364            |
| Agree with at least one specified reason a husband is<br>justified in wife beating                           | 0.510        | 0.014                     | 5,661             | 7,174            | 2.038                      | 0.027                       | 0.483             | 0.537            |
| Make own decisions about sexual relations,<br>contraceptive use, and reproductive care                       | 0.304        | 0.013                     | 4,310             | 5,522            | 1.857                      | 0.043                       | 0.278             | 0.330            |
| Experienced physical violence since age 15 by any<br>perpetrator                                             | 0.122        | 0.012                     | 3,639             | 4,688            | 2.237                      | 0.099                       | 0.098             | 0.147            |
| Experienced sexual violence by any perpetrator ever                                                          | 0.019        | 0.003                     | 3,639             | 4,688            | 1.508                      | 0.182                       | 0.012             | 0.025            |
| Experienced sexual violence by any non-intimate partner                                                      | 0.001        | 0.001                     | 3,639             | 4,688            | 1.530                      | 0.704                       | 0.000             | 0.003            |
| Experienced physical/sexual/emotional violence by<br>current or most recent husband or intimate partner ever | 0.164        | 0.015                     | 3,170             | 3,886            | 2.350                      | 0.094                       | 0.133             | 0.195            |
| Experienced physical/sexual violence by current or most<br>recent husband or intimate partner ever           | 0.140        | 0.014                     | 3,170             | 3,886            | 2.297                      | 0.101                       | 0.112             | 0.169            |
| Experienced physical/sexual/emotional violence by any<br>husband or intimate partner in the last 12 months   | 0.139        | 0.015                     | 3,170             | 3,886            | 2.474                      | 0.109                       | 0.109             | 0.169            |

**Table B.5 Sampling errors: Dushanbe sample, Tajikistan DHS 2023**

| Variable                                                               | Value<br>(R) | Standard<br>error<br>(SE) | Number of cases   |                  | Design<br>effect<br>(DEFT) | Relative<br>error<br>(SE/R) | Confidence limits |                  |
|------------------------------------------------------------------------|--------------|---------------------------|-------------------|------------------|----------------------------|-----------------------------|-------------------|------------------|
|                                                                        |              |                           | Unweighted<br>(N) | Weighted<br>(WN) |                            |                             | Lower<br>(R-2SE)  | Upper<br>(R+2SE) |
| HOUSEHOLDS AND POPULATION                                              |              |                           |                   |                  |                            |                             |                   |                  |
| Primary reliance on clean fuels and technology                         | 0.880        | 0.024                     | 8,033             | 4,506            | 2.481                      | 0.028                       | 0.832             | 0.929            |
| Births registered with civil authority                                 | 0.968        | 0.007                     | 958               | 541              | 1.173                      | 0.008                       | 0.954             | 0.983            |
| At least basic drinking water service                                  | 1.000        | 0.000                     | 8,033             | 4,506            | na                         | 0.000                       | 1.000             | 1.000            |
| Water available when needed                                            | 0.675        | 0.033                     | 8,033             | 4,506            | 2.553                      | 0.048                       | 0.609             | 0.740            |
| At least basic sanitation service                                      | 0.964        | 0.012                     | 8,033             | 4,506            | 2.384                      | 0.012                       | 0.941             | 0.987            |
| Using open defecation                                                  | 0.000        | 0.000                     | 8,033             | 4,506            | na                         | na                          | 0.000             | 0.000            |
| Using a handwashing facility with soap and water                       | 0.966        | 0.011                     | 8,020             | 4,498            | 2.438                      | 0.011                       | 0.945             | 0.987            |
| WOMEN                                                                  |              |                           |                   |                  |                            |                             |                   |                  |
| No education                                                           | 0.005        | 0.002                     | 2,006             | 1,077            | 1.087                      | 0.336                       | 0.002             | 0.009            |
| Secondary education or higher                                          | 0.962        | 0.006                     | 2,006             | 1,077            | 1.492                      | 0.007                       | 0.950             | 0.975            |
| Literacy                                                               | 0.981        | 0.004                     | 2,006             | 1,077            | 1.384                      | 0.004                       | 0.973             | 0.989            |
| Use of the internet in last 12 months                                  | 0.638        | 0.026                     | 2,006             | 1,077            | 2.394                      | 0.040                       | 0.587             | 0.690            |
| Current tobacco use                                                    | 0.029        | 0.005                     | 2,006             | 1,077            | 1.373                      | 0.176                       | 0.019             | 0.040            |
| Total fertility rate (3 years)                                         | 3.232        | 0.126                     | 5,680             | 3,050            | 1.148                      | 0.039                       | 2.981             | 3.484            |
| Total abortion rate (3 years)                                          | 0.213        | 0.041                     | 5,680             | 3,050            | 1.165                      | 0.193                       | 0.131             | 0.296            |
| Currently pregnant                                                     | 0.062        | 0.006                     | 2,006             | 1,077            | 1.107                      | 0.096                       | 0.050             | 0.074            |
| Mean number of children ever born to women age 40–49                   | 3.208        | 0.087                     | 389               | 205              | 1.114                      | 0.027                       | 3.034             | 3.382            |
| Median birth interval                                                  | 34.327       | 1.361                     | 682               | 366              | 1.145                      | 0.040                       | 31.606            | 37.049           |
| Want no more children                                                  | 0.323        | 0.017                     | 1,325             | 708              | 1.347                      | 0.054                       | 0.288             | 0.357            |
| Ideal number of children                                               | 3.338        | 0.034                     | 1,996             | 1,073            | 1.361                      | 0.010                       | 3.270             | 3.406            |
| Total wanted fertility rate (3 years)                                  | 3.126        | 0.126                     | 5,680             | 3,050            | 1.165                      | 0.040                       | 2.874             | 3.378            |
| Currently using any contraceptive method                               | 0.425        | 0.016                     | 1,325             | 708              | 1.160                      | 0.037                       | 0.393             | 0.456            |
| Currently using any modern method                                      | 0.377        | 0.016                     | 1,325             | 708              | 1.169                      | 0.041                       | 0.346             | 0.408            |
| Currently using pill                                                   | 0.024        | 0.004                     | 1,325             | 708              | 1.065                      | 0.186                       | 0.015             | 0.033            |
| Currently using injectables                                            | 0.002        | 0.001                     | 1,325             | 708              | 1.137                      | 0.707                       | 0.000             | 0.005            |
| Currently using male condom                                            | 0.081        | 0.008                     | 1,325             | 708              | 1.023                      | 0.094                       | 0.066             | 0.097            |
| Currently using any traditional method                                 | 0.048        | 0.006                     | 1,325             | 708              | 1.076                      | 0.132                       | 0.035             | 0.060            |
| Unmet need for spacing                                                 | 0.166        | 0.013                     | 1,325             | 708              | 1.297                      | 0.080                       | 0.139             | 0.192            |
| Unmet need for limiting                                                | 0.048        | 0.006                     | 1,325             | 708              | 0.960                      | 0.117                       | 0.037             | 0.060            |
| Unmet need total                                                       | 0.214        | 0.013                     | 1,325             | 708              | 1.190                      | 0.063                       | 0.187             | 0.241            |
| Demand satisfied by modern methods (married women)                     | 0.591        | 0.020                     | 846               | 452              | 1.183                      | 0.034                       | 0.551             | 0.631            |
| Demand satisfied by modern methods (all women)                         | 0.596        | 0.020                     | 856               | 457              | 1.193                      | 0.034                       | 0.555             | 0.636            |
| Participation in decision making about family planning                 | 0.854        | 0.017                     | 1,325             | 708              | 1.786                      | 0.020                       | 0.819             | 0.888            |
| Not exposed to any of the eight media sources                          | 0.270        | 0.021                     | 2,006             | 1,077            | 2.089                      | 0.077                       | 0.228             | 0.311            |
| Neonatal mortality (0–9 years)                                         | 13.169       | 3.171                     | 1,964             | 1,057            | 1.080                      | 0.241                       | 6.827             | 19.511           |
| Postneonatal mortality (0–9 years)                                     | 5.316        | 1.842                     | 1,960             | 1,055            | 1.118                      | 0.346                       | 1.633             | 8.999            |
| Infant mortality (0–9 years)                                           | 18.484       | 3.835                     | 1,964             | 1,057            | 1.152                      | 0.207                       | 10.814            | 26.155           |
| Child mortality (0–9 years)                                            | 2.069        | 1.062                     | 1,912             | 1,026            | 0.967                      | 0.513                       | 0.000             | 4.194            |
| Under-5 mortality (0–9 years)                                          | 20.516       | 4.083                     | 1,964             | 1,057            | 1.183                      | 0.199                       | 12.350            | 28.682           |
| Perinatal mortality rate                                               | 19.625       | 4.880                     | 984               | 532              | 1.064                      | 0.249                       | 9.864             | 29.385           |
| Stillbirth rate                                                        | 8.932        | 3.157                     | 984               | 532              | 1.063                      | 0.353                       | 2.618             | 15.245           |
| Early neonatal mortality rate                                          | 10.789       | 4.112                     | 975               | 527              | 1.144                      | 0.381                       | 2.565             | 19.013           |
| Received ANC from a skilled provider                                   | 0.910        | 0.023                     | 381               | 208              | 1.538                      | 0.025                       | 0.865             | 0.955            |
| 4+ ANC visits                                                          | 0.786        | 0.028                     | 381               | 208              | 1.344                      | 0.036                       | 0.729             | 0.843            |
| 8+ ANC visits                                                          | 0.181        | 0.024                     | 381               | 208              | 1.192                      | 0.130                       | 0.134             | 0.228            |
| Took any iron-containing supplements                                   | 0.920        | 0.015                     | 381               | 208              | 1.116                      | 0.017                       | 0.889             | 0.951            |
| Delivered in a health facility (live births)                           | 0.986        | 0.006                     | 408               | 222              | 1.017                      | 0.006                       | 0.975             | 0.998            |
| Delivered by C-section (live births)                                   | 0.092        | 0.013                     | 408               | 222              | 0.840                      | 0.136                       | 0.067             | 0.117            |
| Delivered by a skilled provider (live births)                          | 0.994        | 0.004                     | 408               | 222              | 1.099                      | 0.004                       | 0.985             | 1.000            |
| Women with postnatal check during first 2 days                         | 0.823        | 0.023                     | 381               | 208              | 1.162                      | 0.028                       | 0.778             | 0.869            |
| Newborns with postnatal check during first 2 days                      | 0.743        | 0.026                     | 381               | 208              | 1.151                      | 0.035                       | 0.692             | 0.795            |
| Any problem accessing health care                                      | 0.300        | 0.017                     | 2,006             | 1,077            | 1.641                      | 0.056                       | 0.266             | 0.333            |
| Ever had vaccination card                                              | 0.973        | 0.014                     | 182               | 98               | 1.020                      | 0.015                       | 0.944             | 1.000            |
| Received BCG vaccination                                               | 0.957        | 0.018                     | 182               | 98               | 1.053                      | 0.018                       | 0.922             | 0.992            |
| Received DPT-HepB-Hib vaccination (3 doses)                            | 0.752        | 0.037                     | 182               | 98               | 1.138                      | 0.049                       | 0.678             | 0.826            |
| Received pneumococcal vaccination (2 doses)                            | 0.504        | 0.047                     | 182               | 98               | 1.247                      | 0.092                       | 0.411             | 0.597            |
| Received 12 vaccinations according to national schedule (12–23 months) | 0.612        | 0.041                     | 182               | 98               | 1.115                      | 0.066                       | 0.531             | 0.693            |
| Received MR/MMR-1 vaccination (24–35 months)                           | 0.890        | 0.027                     | 188               | 101              | 1.197                      | 0.031                       | 0.836             | 0.945            |
| Received all basic vaccinations (24–35 months)                         | 0.743        | 0.032                     | 188               | 101              | 0.985                      | 0.043                       | 0.679             | 0.806            |
| Received 15 vaccinations according to national schedule (24–35 months) | 0.615        | 0.037                     | 188               | 101              | 1.039                      | 0.060                       | 0.541             | 0.690            |
| Sought treatment for diarrhea                                          | 0.773        | 0.029                     | 227               | 126              | 1.077                      | 0.038                       | 0.714             | 0.832            |
| Treated with ORS                                                       | 0.891        | 0.023                     | 227               | 126              | 1.135                      | 0.026                       | 0.845             | 0.937            |
| Height-for-age (–3 SD)                                                 | 0.019        | 0.004                     | 955               | 539              | 0.962                      | 0.222                       | 0.010             | 0.027            |
| Height-for-age (–2 SD)                                                 | 0.087        | 0.011                     | 955               | 539              | 1.155                      | 0.124                       | 0.065             | 0.108            |
| Weight-for-height (–2 SD)                                              | 0.024        | 0.006                     | 956               | 540              | 1.120                      | 0.243                       | 0.012             | 0.036            |
| Weight-for-height (+2 SD)                                              | 0.030        | 0.006                     | 956               | 540              | 1.133                      | 0.205                       | 0.018             | 0.043            |
| Weight-for-age (–2 SD)                                                 | 0.029        | 0.006                     | 957               | 540              | 1.060                      | 0.201                       | 0.017             | 0.041            |
| Exclusive breastfeeding                                                | 0.249        | 0.050                     | 112               | 61               | 1.212                      | 0.200                       | 0.149             | 0.349            |
| Minimum dietary diversity (children 6–23 months)                       | 0.257        | 0.032                     | 266               | 146              | 1.194                      | 0.125                       | 0.193             | 0.321            |

Continued...

Table B.5—Continued

| Variable                                                                                                     | Value<br>(R) | Standard<br>error<br>(SE) | Number of cases   |                  | Design<br>effect<br>(DEFT) | Relative<br>error<br>(SE/R) | Confidence limits |                  |
|--------------------------------------------------------------------------------------------------------------|--------------|---------------------------|-------------------|------------------|----------------------------|-----------------------------|-------------------|------------------|
|                                                                                                              |              |                           | Unweighted<br>(N) | Weighted<br>(WN) |                            |                             | Lower<br>(R-2SE)  | Upper<br>(R+2SE) |
| Prevalence of anemia (children 6–59 months)<br>(hemoglobin <11.0 g/dl)                                       | 0.311        | 0.021                     | 829               | 468              | 1.285                      | 0.069                       | 0.269             | 0.354            |
| Body mass index (BMI) <18.5                                                                                  | 0.028        | 0.005                     | 1,459             | 784              | 1.123                      | 0.174                       | 0.018             | 0.037            |
| Body mass index (BMI) ≥25                                                                                    | 0.498        | 0.018                     | 1,459             | 784              | 1.369                      | 0.036                       | 0.462             | 0.534            |
| Body mass index-for-age (–2 SD)                                                                              | 0.005        | 0.004                     | 368               | 199              | 0.958                      | 0.705                       | 0.000             | 0.012            |
| Body mass index-for-age (+1 SD)                                                                              | 0.095        | 0.018                     | 368               | 199              | 1.189                      | 0.192                       | 0.058             | 0.131            |
| Minimum dietary diversity (women 15–49)                                                                      | 0.867        | 0.016                     | 2,006             | 1,077            | 2.160                      | 0.019                       | 0.834             | 0.900            |
| Prevalence of any anemia (women 15–49)                                                                       | 0.284        | 0.016                     | 1,964             | 1,056            | 1.578                      | 0.057                       | 0.252             | 0.316            |
| Child had fever in last 2 weeks                                                                              | 0.170        | 0.016                     | 961               | 520              | 1.330                      | 0.096                       | 0.138             | 0.203            |
| Child had blood taken from finger/heel                                                                       | 0.309        | 0.034                     | 160               | 88               | 0.927                      | 0.111                       | 0.240             | 0.377            |
| Discriminatory attitudes towards people with HIV                                                             | 0.521        | 0.017                     | 1,893             | 1,016            | 1.452                      | 0.032                       | 0.488             | 0.555            |
| Condom use at last sex                                                                                       | 0.571        | 0.183                     | 9                 | 5                | 1.039                      | 0.320                       | 0.206             | 0.937            |
| Ever tested for HIV and received results of last test                                                        | 0.258        | 0.019                     | 2,006             | 1,077            | 1.894                      | 0.072                       | 0.221             | 0.295            |
| Mobile phone ownership                                                                                       | 0.870        | 0.013                     | 2,006             | 1,077            | 1.749                      | 0.015                       | 0.844             | 0.896            |
| Have and use a bank account or mobile phone for<br>financial transactions                                    | 0.354        | 0.017                     | 2,006             | 1,077            | 1.609                      | 0.049                       | 0.320             | 0.389            |
| Participate in decision making (all three decisions)                                                         | 0.581        | 0.017                     | 1,325             | 708              | 1.256                      | 0.029                       | 0.547             | 0.616            |
| Agree with at least one specified reason a husband is<br>justified in wife beating                           | 0.313        | 0.017                     | 2,006             | 1,077            | 1.655                      | 0.055                       | 0.279             | 0.348            |
| Make own decisions about sexual relations,<br>contraceptive use, and reproductive care                       | 0.490        | 0.018                     | 1,325             | 708              | 1.300                      | 0.036                       | 0.455             | 0.526            |
| Experienced physical violence since age 15 by any<br>perpetrator                                             | 0.074        | 0.011                     | 1,337             | 703              | 1.492                      | 0.144                       | 0.053             | 0.095            |
| Experienced sexual violence by any perpetrator ever                                                          | 0.013        | 0.004                     | 1,337             | 703              | 1.184                      | 0.284                       | 0.006             | 0.020            |
| Experienced sexual violence by any non-intimate partner                                                      | 0.000        | 0.000                     | 1,337             | 703              | na                         | na                          | 0.000             | 0.000            |
| Experienced physical/sexual/emotional violence by<br>current or most recent husband or intimate partner ever | 0.122        | 0.016                     | 1,099             | 529              | 1.646                      | 0.134                       | 0.089             | 0.154            |
| Experienced physical/sexual violence by current or most<br>recent husband or intimate partner ever           | 0.088        | 0.014                     | 1,099             | 529              | 1.675                      | 0.163                       | 0.059             | 0.116            |
| Experienced physical/sexual/emotional violence by any<br>husband or intimate partner in the last 12 months   | 0.102        | 0.015                     | 1,099             | 529              | 1.598                      | 0.143                       | 0.073             | 0.132            |

na = not applicable

**Table B.6 Sampling errors: GBAO sample, Tajikistan DHS 2023**

| Variable                                                               | Value<br>(R) | Standard<br>error<br>(SE) | Number of cases   |                  | Design<br>effect<br>(DEFT) | Relative<br>error<br>(SE/R) | Confidence limits |                  |
|------------------------------------------------------------------------|--------------|---------------------------|-------------------|------------------|----------------------------|-----------------------------|-------------------|------------------|
|                                                                        |              |                           | Unweighted<br>(N) | Weighted<br>(WN) |                            |                             | Lower<br>(R-2SE)  | Upper<br>(R+2SE) |
| HOUSEHOLDS AND POPULATION                                              |              |                           |                   |                  |                            |                             |                   |                  |
| Primary reliance on clean fuels and technology                         | 0.156        | 0.018                     | 4,028             | 810              | 1.444                      | 0.115                       | 0.120             | 0.192            |
| Births registered with civil authority                                 | 0.983        | 0.009                     | 376               | 78               | 1.376                      | 0.009                       | 0.965             | 1.000            |
| At least basic drinking water service                                  | 0.907        | 0.042                     | 4,028             | 810              | 3.540                      | 0.046                       | 0.824             | 0.990            |
| Water available when needed                                            | 0.517        | 0.032                     | 4,028             | 810              | 1.763                      | 0.063                       | 0.452             | 0.582            |
| At least basic sanitation service                                      | 0.933        | 0.011                     | 4,028             | 810              | 1.275                      | 0.011                       | 0.912             | 0.954            |
| Using open defecation                                                  | 0.007        | 0.004                     | 4,028             | 810              | 1.595                      | 0.530                       | 0.000             | 0.014            |
| Using a handwashing facility with soap and water                       | 0.721        | 0.028                     | 4,028             | 810              | 1.662                      | 0.038                       | 0.666             | 0.776            |
| WOMEN                                                                  |              |                           |                   |                  |                            |                             |                   |                  |
| No education                                                           | 0.001        | 0.001                     | 815               | 157              | 0.954                      | 1.006                       | 0.000             | 0.003            |
| Secondary education or higher                                          | 0.994        | 0.004                     | 815               | 157              | 1.470                      | 0.004                       | 0.986             | 1.000            |
| Literacy                                                               | 0.989        | 0.004                     | 815               | 157              | 1.031                      | 0.004                       | 0.982             | 0.997            |
| Use of the internet in last 12 months                                  | 0.662        | 0.040                     | 815               | 157              | 2.400                      | 0.060                       | 0.582             | 0.741            |
| Current tobacco use                                                    | 0.004        | 0.002                     | 815               | 157              | 0.837                      | 0.487                       | 0.000             | 0.007            |
| Total fertility rate (3 years)                                         | 3.268        | 0.261                     | 2,282             | 439              | 1.441                      | 0.080                       | 2.745             | 3.790            |
| Total abortion rate (3 years)                                          | 0.129        | 0.040                     | 2,282             | 439              | 0.907                      | 0.307                       | 0.050             | 0.208            |
| Currently pregnant                                                     | 0.058        | 0.009                     | 815               | 157              | 1.119                      | 0.158                       | 0.039             | 0.076            |
| Mean number of children ever born to women age 40–49                   | 2.843        | 0.140                     | 258               | 48               | 1.434                      | 0.049                       | 2.563             | 3.123            |
| Median birth interval                                                  | 37.694       | 3.110                     | 275               | 55               | 1.467                      | 0.083                       | 31.474            | 43.915           |
| Want no more children                                                  | 0.339        | 0.026                     | 560               | 109              | 1.280                      | 0.076                       | 0.288             | 0.391            |
| Ideal number of children                                               | 3.421        | 0.063                     | 802               | 154              | 1.499                      | 0.019                       | 3.294             | 3.548            |
| Total wanted fertility rate (3 years)                                  | 3.192        | 0.252                     | 2,282             | 439              | 1.408                      | 0.079                       | 2.688             | 3.695            |
| Currently using any contraceptive method                               | 0.364        | 0.024                     | 560               | 109              | 1.193                      | 0.067                       | 0.316             | 0.413            |
| Currently using any modern method                                      | 0.354        | 0.024                     | 560               | 109              | 1.203                      | 0.069                       | 0.305             | 0.402            |
| Currently using pill                                                   | 0.026        | 0.007                     | 560               | 109              | 1.028                      | 0.265                       | 0.012             | 0.040            |
| Currently using injectables                                            | 0.015        | 0.007                     | 560               | 109              | 1.384                      | 0.472                       | 0.001             | 0.029            |
| Currently using male condom                                            | 0.045        | 0.008                     | 560               | 109              | 0.916                      | 0.179                       | 0.029             | 0.061            |
| Currently using any traditional method                                 | 0.011        | 0.005                     | 560               | 109              | 1.235                      | 0.505                       | 0.000             | 0.021            |
| Unmet need for spacing                                                 | 0.100        | 0.013                     | 560               | 109              | 1.001                      | 0.127                       | 0.074             | 0.125            |
| Unmet need for limiting                                                | 0.061        | 0.012                     | 560               | 109              | 1.212                      | 0.201                       | 0.036             | 0.085            |
| Unmet need total                                                       | 0.161        | 0.016                     | 560               | 109              | 1.032                      | 0.100                       | 0.129             | 0.193            |
| Demand satisfied by modern methods (married women)                     | 0.674        | 0.032                     | 297               | 57               | 1.169                      | 0.048                       | 0.610             | 0.738            |
| Demand satisfied by modern methods (all women)                         | 0.677        | 0.032                     | 304               | 58               | 1.193                      | 0.047                       | 0.613             | 0.741            |
| Participation in decision making about family planning                 | 0.825        | 0.023                     | 560               | 109              | 1.426                      | 0.028                       | 0.779             | 0.871            |
| Not exposed to any of the eight media sources                          | 0.178        | 0.025                     | 815               | 157              | 1.892                      | 0.143                       | 0.127             | 0.229            |
| Neonatal mortality (0–9 years)                                         | 12.051       | 4.047                     | 764               | 150              | 0.975                      | 0.336                       | 3.956             | 20.145           |
| Postneonatal mortality (0–9 years)                                     | 4.791        | 2.327                     | 761               | 150              | 1.003                      | 0.486                       | 0.136             | 9.445            |
| Infant mortality (0–9 years)                                           | 16.841       | 4.658                     | 764               | 150              | 0.950                      | 0.277                       | 7.525             | 26.158           |
| Child mortality (0–9 years)                                            | 2.980        | 2.074                     | 761               | 149              | 1.023                      | 0.696                       | 0.000             | 7.128            |
| Under-5 mortality (0–9 years)                                          | 19.771       | 4.599                     | 764               | 150              | 0.890                      | 0.233                       | 10.574            | 28.968           |
| Perinatal mortality rate                                               | 18.802       | 6.318                     | 364               | 73               | 0.909                      | 0.336                       | 6.167             | 31.437           |
| Stillbirth rate                                                        | 7.025        | 3.905                     | 364               | 73               | 0.912                      | 0.556                       | 0.000             | 14.835           |
| Early neonatal mortality rate                                          | 11.860       | 5.297                     | 361               | 72               | 0.948                      | 0.447                       | 1.267             | 22.454           |
| Received ANC from a skilled provider                                   | 0.927        | 0.024                     | 120               | 25               | 1.013                      | 0.026                       | 0.879             | 0.975            |
| 4+ ANC visits                                                          | 0.776        | 0.062                     | 120               | 25               | 1.605                      | 0.080                       | 0.652             | 0.899            |
| 8+ ANC visits                                                          | 0.094        | 0.031                     | 120               | 25               | 1.174                      | 0.334                       | 0.031             | 0.157            |
| Took any iron-containing supplements                                   | 0.876        | 0.035                     | 120               | 25               | 1.152                      | 0.040                       | 0.806             | 0.946            |
| Delivered in a health facility (live births)                           | 0.934        | 0.050                     | 131               | 27               | 2.366                      | 0.054                       | 0.833             | 1.000            |
| Delivered by C-section (live births)                                   | 0.106        | 0.033                     | 131               | 27               | 1.201                      | 0.313                       | 0.040             | 0.173            |
| Delivered by a skilled provider (live births)                          | 1.000        | 0.000                     | 131               | 27               | na                         | 0.000                       | 1.000             | 1.000            |
| Women with postnatal check during first 2 days                         | 0.895        | 0.045                     | 120               | 25               | 1.606                      | 0.051                       | 0.804             | 0.986            |
| Newborns with postnatal check during first 2 days                      | 0.888        | 0.031                     | 120               | 25               | 1.069                      | 0.035                       | 0.826             | 0.950            |
| Any problem accessing health care                                      | 0.288        | 0.031                     | 815               | 157              | 1.976                      | 0.109                       | 0.225             | 0.350            |
| Ever had vaccination card                                              | 0.938        | 0.032                     | 66                | 14               | 0.930                      | 0.034                       | 0.873             | 1.000            |
| Received BCG vaccination                                               | 0.973        | 0.020                     | 66                | 14               | 1.022                      | 0.020                       | 0.933             | 1.000            |
| Received DPT-HepB-Hib vaccination (3 doses)                            | 0.940        | 0.028                     | 66                | 14               | 0.980                      | 0.030                       | 0.885             | 0.996            |
| Received pneumococcal vaccination (2 doses)                            | 0.422        | 0.056                     | 66                | 14               | 0.937                      | 0.134                       | 0.309             | 0.535            |
| Received 12 vaccinations according to national schedule (12–23 months) | 0.809        | 0.059                     | 66                | 14               | 1.261                      | 0.073                       | 0.691             | 0.926            |
| Received MR/MMR-1 vaccination (24–35 months)                           | 0.911        | 0.051                     | 68                | 13               | 1.494                      | 0.056                       | 0.809             | 1.014            |
| Received all basic vaccinations (24–35 months)                         | 0.854        | 0.061                     | 68                | 13               | 1.437                      | 0.072                       | 0.731             | 0.976            |
| Received 15 vaccinations according to national schedule (24–35 months) | 0.701        | 0.078                     | 68                | 13               | 1.418                      | 0.111                       | 0.545             | 0.857            |
| Sought treatment for diarrhea                                          | 0.312        | 0.085                     | 32                | 7                | 1.049                      | 0.273                       | 0.142             | 0.482            |
| Treated with ORS                                                       | 0.574        | 0.092                     | 32                | 7                | 1.003                      | 0.160                       | 0.390             | 0.758            |
| Height-for-age (–3 SD)                                                 | 0.040        | 0.010                     | 369               | 76               | 0.979                      | 0.238                       | 0.021             | 0.060            |
| Height-for-age (–2 SD)                                                 | 0.148        | 0.019                     | 369               | 76               | 1.001                      | 0.128                       | 0.110             | 0.186            |
| Weight-for-height (–2 SD)                                              | 0.023        | 0.007                     | 370               | 77               | 0.952                      | 0.315                       | 0.009             | 0.037            |
| Weight-for-height (+2 SD)                                              | 0.029        | 0.008                     | 370               | 77               | 0.992                      | 0.291                       | 0.012             | 0.046            |
| Weight-for-age (–2 SD)                                                 | 0.046        | 0.010                     | 373               | 77               | 0.927                      | 0.220                       | 0.025             | 0.066            |
| Exclusive breastfeeding                                                | 0.567        | 0.109                     | 30                | 6                | 1.172                      | 0.191                       | 0.350             | 0.784            |
| Minimum dietary diversity (children 6–23 months)                       | 0.320        | 0.045                     | 89                | 18               | 0.915                      | 0.142                       | 0.229             | 0.411            |

Continued...



Table B.6—Continued

| Variable                                                                                                     | Value<br>(R) | Standard<br>error<br>(SE) | Number of cases   |                  | Design<br>effect<br>(DEFT) | Relative<br>error<br>(SE/R) | Confidence limits |                  |
|--------------------------------------------------------------------------------------------------------------|--------------|---------------------------|-------------------|------------------|----------------------------|-----------------------------|-------------------|------------------|
|                                                                                                              |              |                           | Unweighted<br>(N) | Weighted<br>(WN) |                            |                             | Lower<br>(R-2SE)  | Upper<br>(R+2SE) |
| Prevalence of anemia (children 6–59 months)<br>(hemoglobin <11.0 g/dl)                                       | 0.551        | 0.029                     | 335               | 69               | 1.040                      | 0.052                       | 0.493             | 0.608            |
| Body mass index (BMI) <18.5                                                                                  | 0.086        | 0.011                     | 627               | 120              | 1.000                      | 0.130                       | 0.064             | 0.109            |
| Body mass index (BMI) ≥25                                                                                    | 0.391        | 0.025                     | 627               | 120              | 1.300                      | 0.065                       | 0.341             | 0.442            |
| Body mass index-for-age (–2 SD)                                                                              | 0.038        | 0.017                     | 127               | 25               | 0.996                      | 0.446                       | 0.004             | 0.072            |
| Body mass index-for-age (+1 SD)                                                                              | 0.091        | 0.031                     | 127               | 25               | 1.213                      | 0.343                       | 0.028             | 0.153            |
| Minimum dietary diversity (women 15–49)                                                                      | 0.921        | 0.012                     | 815               | 157              | 1.305                      | 0.013                       | 0.896             | 0.946            |
| Prevalence of any anemia (women 15–49)                                                                       | 0.424        | 0.018                     | 806               | 156              | 1.034                      | 0.042                       | 0.388             | 0.460            |
| Child had fever in last 2 weeks                                                                              | 0.060        | 0.015                     | 354               | 71               | 1.165                      | 0.240                       | 0.031             | 0.089            |
| Child had blood taken from finger/heel                                                                       | 0.136        | 0.101                     | 21                | 4                | 1.387                      | 0.744                       | 0.000             | 0.338            |
| Discriminatory attitudes towards people with HIV                                                             | 0.499        | 0.030                     | 739               | 141              | 1.626                      | 0.060                       | 0.440             | 0.559            |
| Condom use at last sex                                                                                       | 0.587        | 0.168                     | 12                | 2                | 1.118                      | 0.286                       | 0.251             | 0.922            |
| Ever tested for HIV and received results of last test                                                        | 0.366        | 0.024                     | 815               | 157              | 1.407                      | 0.065                       | 0.318             | 0.413            |
| Mobile phone ownership                                                                                       | 0.827        | 0.032                     | 815               | 157              | 2.432                      | 0.039                       | 0.763             | 0.892            |
| Have and use a bank account or mobile phone for<br>financial transactions                                    | 0.220        | 0.026                     | 815               | 157              | 1.766                      | 0.117                       | 0.168             | 0.271            |
| Participate in decision making (all three decisions)                                                         | 0.567        | 0.027                     | 560               | 109              | 1.268                      | 0.047                       | 0.514             | 0.620            |
| Agree with at least one specified reason a husband is<br>justified in wife beating                           | 0.286        | 0.027                     | 815               | 157              | 1.713                      | 0.095                       | 0.232             | 0.341            |
| Make own decisions about sexual relations,<br>contraceptive use, and reproductive care                       | 0.582        | 0.026                     | 560               | 109              | 1.265                      | 0.045                       | 0.529             | 0.635            |
| Experienced physical violence since age 15 by any<br>perpetrator                                             | 0.160        | 0.031                     | 618               | 101              | 2.074                      | 0.192                       | 0.099             | 0.222            |
| Experienced sexual violence by any perpetrator ever                                                          | 0.018        | 0.006                     | 618               | 101              | 1.211                      | 0.360                       | 0.005             | 0.031            |
| Experienced sexual violence by any non-intimate partner                                                      | 0.000        | 0.000                     | 618               | 101              | na                         | na                          | 0.000             | 0.000            |
| Experienced physical/sexual/emotional violence by<br>current or most recent husband or intimate partner ever | 0.192        | 0.038                     | 497               | 78               | 2.127                      | 0.197                       | 0.116             | 0.267            |
| Experienced physical/sexual violence by current or most<br>recent husband or intimate partner ever           | 0.181        | 0.038                     | 497               | 78               | 2.187                      | 0.209                       | 0.105             | 0.257            |
| Experienced physical/sexual/emotional violence by any<br>husband or intimate partner in the last 12 months   | 0.151        | 0.032                     | 497               | 78               | 2.000                      | 0.213                       | 0.087             | 0.216            |

na = not applicable

**Table B.7 Sampling errors: Sughd sample, Tajikistan DHS 2023**

| Variable                                                               | Value<br>(R) | Standard<br>error<br>(SE) | Number of cases   |                  | Design<br>effect<br>(DEFT) | Relative<br>error<br>(SE/R) | Confidence limits |                  |
|------------------------------------------------------------------------|--------------|---------------------------|-------------------|------------------|----------------------------|-----------------------------|-------------------|------------------|
|                                                                        |              |                           | Unweighted<br>(N) | Weighted<br>(WN) |                            |                             | Lower<br>(R-2SE)  | Upper<br>(R+2SE) |
| HOUSEHOLDS AND POPULATION                                              |              |                           |                   |                  |                            |                             |                   |                  |
| Primary reliance on clean fuels and technology                         | 0.172        | 0.019                     | 9,223             | 12,706           | 1.975                      | 0.108                       | 0.135             | 0.210            |
| Births registered with civil authority                                 | 0.984        | 0.005                     | 1,047             | 1,455            | 1.043                      | 0.005                       | 0.974             | 0.994            |
| At least basic drinking water service                                  | 0.950        | 0.012                     | 9,223             | 12,706           | 2.227                      | 0.013                       | 0.925             | 0.975            |
| Water available when needed                                            | 0.440        | 0.019                     | 9,223             | 12,706           | 1.412                      | 0.042                       | 0.403             | 0.477            |
| At least basic sanitation service                                      | 0.972        | 0.007                     | 9,223             | 12,706           | 1.722                      | 0.008                       | 0.957             | 0.987            |
| Using open defecation                                                  | 0.000        | 0.000                     | 9,223             | 12,706           | na                         | na                          | 0.000             | 0.000            |
| Using a handwashing facility with soap and water                       | 0.714        | 0.020                     | 9,191             | 12,655           | 1.707                      | 0.028                       | 0.674             | 0.754            |
| WOMEN                                                                  |              |                           |                   |                  |                            |                             |                   |                  |
| No education                                                           | 0.012        | 0.004                     | 2,117             | 2,780            | 1.672                      | 0.328                       | 0.004             | 0.020            |
| Secondary education or higher                                          | 0.970        | 0.008                     | 2,117             | 2,780            | 2.205                      | 0.008                       | 0.953             | 0.986            |
| Literacy                                                               | 0.963        | 0.008                     | 2,117             | 2,780            | 1.882                      | 0.008                       | 0.948             | 0.979            |
| Use of the internet in last 12 months                                  | 0.543        | 0.030                     | 2,117             | 2,780            | 2.784                      | 0.056                       | 0.482             | 0.603            |
| Current tobacco use                                                    | 0.012        | 0.003                     | 2,117             | 2,780            | 1.356                      | 0.265                       | 0.006             | 0.019            |
| Total fertility rate (3 years)                                         | 3.414        | 0.138                     | 5,978             | 7,862            | 1.223                      | 0.041                       | 3.137             | 3.691            |
| Total abortion rate (3 years)                                          | 0.170        | 0.051                     | 5,978             | 7,862            | 1.324                      | 0.303                       | 0.067             | 0.273            |
| Currently pregnant                                                     | 0.072        | 0.006                     | 2,117             | 2,780            | 1.148                      | 0.090                       | 0.059             | 0.085            |
| Mean number of children ever born to women age 40–49                   | 3.085        | 0.074                     | 448               | 580              | 1.190                      | 0.024                       | 2.937             | 3.232            |
| Median birth interval                                                  | 34.440       | 1.141                     | 759               | 1,010            | 1.371                      | 0.033                       | 32.158            | 36.723           |
| Want no more children                                                  | 0.488        | 0.015                     | 1,627             | 2,160            | 1.186                      | 0.030                       | 0.458             | 0.517            |
| Ideal number of children                                               | 3.438        | 0.034                     | 2,082             | 2,733            | 1.470                      | 0.010                       | 3.371             | 3.506            |
| Total wanted fertility rate (3 years)                                  | 3.268        | 0.135                     | 5,978             | 7,862            | 1.189                      | 0.041                       | 2.998             | 3.539            |
| Currently using any contraceptive method                               | 0.403        | 0.016                     | 1,627             | 2,160            | 1.311                      | 0.040                       | 0.371             | 0.435            |
| Currently using any modern method                                      | 0.332        | 0.014                     | 1,627             | 2,160            | 1.174                      | 0.041                       | 0.305             | 0.360            |
| Currently using pill                                                   | 0.024        | 0.004                     | 1,627             | 2,160            | 1.151                      | 0.182                       | 0.015             | 0.033            |
| Currently using injectables                                            | 0.012        | 0.003                     | 1,627             | 2,160            | 1.023                      | 0.230                       | 0.007             | 0.018            |
| Currently using male condom                                            | 0.050        | 0.007                     | 1,627             | 2,160            | 1.261                      | 0.136                       | 0.037             | 0.064            |
| Currently using any traditional method                                 | 0.070        | 0.008                     | 1,627             | 2,160            | 1.226                      | 0.111                       | 0.055             | 0.086            |
| Unmet need for spacing                                                 | 0.086        | 0.009                     | 1,627             | 2,160            | 1.291                      | 0.104                       | 0.068             | 0.104            |
| Unmet need for limiting                                                | 0.078        | 0.008                     | 1,627             | 2,160            | 1.144                      | 0.098                       | 0.063             | 0.093            |
| Unmet need total                                                       | 0.164        | 0.011                     | 1,627             | 2,160            | 1.209                      | 0.068                       | 0.142             | 0.186            |
| Demand satisfied by modern methods (married women)                     | 0.587        | 0.017                     | 938               | 1,224            | 1.056                      | 0.029                       | 0.552             | 0.621            |
| Demand satisfied by modern methods (all women)                         | 0.589        | 0.017                     | 944               | 1,231            | 1.069                      | 0.029                       | 0.554             | 0.623            |
| Participation in decision making about family planning                 | 0.702        | 0.015                     | 1,627             | 2,160            | 1.360                      | 0.022                       | 0.671             | 0.733            |
| Not exposed to any of the eight media sources                          | 0.369        | 0.029                     | 2,117             | 2,780            | 2.746                      | 0.078                       | 0.311             | 0.426            |
| Neonatal mortality (0–9 years)                                         | 11.954       | 3.126                     | 2,170             | 2,867            | 1.107                      | 0.262                       | 5.702             | 18.207           |
| Postneonatal mortality (0–9 years)                                     | 8.511        | 2.101                     | 2,159             | 2,854            | 1.084                      | 0.247                       | 4.310             | 12.712           |
| Infant mortality (0–9 years)                                           | 20.465       | 3.532                     | 2,173             | 2,871            | 1.053                      | 0.173                       | 13.402            | 27.529           |
| Child mortality (0–9 years)                                            | 2.622        | 1.139                     | 2,103             | 2,776            | 0.997                      | 0.434                       | 0.345             | 4.899            |
| Under-5 mortality (0–9 years)                                          | 23.034       | 3.978                     | 2,175             | 2,873            | 1.133                      | 0.173                       | 15.077            | 30.990           |
| Perinatal mortality rate                                               | 18.268       | 4.889                     | 1,075             | 1,427            | 1.150                      | 0.268                       | 8.491             | 28.045           |
| Stillbirth rate                                                        | 5.414        | 2.179                     | 1,075             | 1,427            | 0.981                      | 0.403                       | 1.055             | 9.773            |
| Early neonatal mortality rate                                          | 12.924       | 4.655                     | 1,069             | 1,419            | 1.263                      | 0.360                       | 3.614             | 22.234           |
| Received ANC from a skilled provider                                   | 0.903        | 0.027                     | 437               | 576              | 1.881                      | 0.030                       | 0.849             | 0.956            |
| 4+ ANC visits                                                          | 0.842        | 0.029                     | 437               | 576              | 1.642                      | 0.034                       | 0.784             | 0.899            |
| 8+ ANC visits                                                          | 0.306        | 0.031                     | 437               | 576              | 1.402                      | 0.101                       | 0.244             | 0.368            |
| Took any iron-containing supplements                                   | 0.717        | 0.026                     | 437               | 576              | 1.206                      | 0.036                       | 0.665             | 0.769            |
| Delivered in a health facility (live births)                           | 0.984        | 0.006                     | 470               | 620              | 1.029                      | 0.006                       | 0.972             | 0.996            |
| Delivered by C-section (live births)                                   | 0.092        | 0.015                     | 470               | 620              | 1.061                      | 0.166                       | 0.061             | 0.122            |
| Delivered by a skilled provider (live births)                          | 0.991        | 0.005                     | 470               | 620              | 1.050                      | 0.005                       | 0.981             | 1.000            |
| Women with postnatal check during first 2 days                         | 0.941        | 0.013                     | 437               | 576              | 1.164                      | 0.014                       | 0.914             | 0.967            |
| Newborns with postnatal check during first 2 days                      | 0.835        | 0.023                     | 437               | 576              | 1.295                      | 0.028                       | 0.789             | 0.881            |
| Any problem accessing health care                                      | 0.196        | 0.017                     | 2,117             | 2,780            | 1.949                      | 0.086                       | 0.162             | 0.229            |
| Ever had vaccination card                                              | 0.995        | 0.005                     | 211               | 278              | 1.061                      | 0.005                       | 0.984             | 1.000            |
| Received BCG vaccination                                               | 0.984        | 0.009                     | 211               | 278              | 1.053                      | 0.009                       | 0.966             | 1.000            |
| Received DPT-HepB-Hib vaccination (3 doses)                            | 0.925        | 0.019                     | 211               | 278              | 1.054                      | 0.021                       | 0.887             | 0.963            |
| Received pneumococcal vaccination (2 doses)                            | 0.567        | 0.043                     | 211               | 278              | 1.233                      | 0.076                       | 0.481             | 0.653            |
| Received 12 vaccinations according to national schedule (12–23 months) | 0.858        | 0.027                     | 211               | 278              | 1.071                      | 0.031                       | 0.805             | 0.911            |
| Received MR/MMR-1 vaccination (24–35 months)                           | 0.894        | 0.025                     | 186               | 247              | 1.129                      | 0.028                       | 0.843             | 0.945            |
| Received all basic vaccinations (24–35 months)                         | 0.810        | 0.035                     | 186               | 247              | 1.226                      | 0.043                       | 0.739             | 0.880            |
| Received 15 vaccinations according to national schedule (24–35 months) | 0.739        | 0.042                     | 186               | 247              | 1.307                      | 0.057                       | 0.655             | 0.823            |
| Sought treatment for diarrhea                                          | 0.607        | 0.045                     | 206               | 269              | 1.266                      | 0.073                       | 0.518             | 0.696            |
| Treated with ORS                                                       | 0.710        | 0.046                     | 206               | 269              | 1.417                      | 0.065                       | 0.617             | 0.802            |
| Height-for-age (–3 SD)                                                 | 0.028        | 0.005                     | 1,040             | 1,440            | 0.962                      | 0.170                       | 0.019             | 0.038            |
| Height-for-age (–2 SD)                                                 | 0.138        | 0.012                     | 1,040             | 1,440            | 1.047                      | 0.084                       | 0.115             | 0.161            |
| Weight-for-height (–2 SD)                                              | 0.030        | 0.005                     | 1,037             | 1,434            | 1.054                      | 0.182                       | 0.019             | 0.041            |
| Weight-for-height (+2 SD)                                              | 0.060        | 0.009                     | 1,037             | 1,434            | 1.103                      | 0.149                       | 0.042             | 0.078            |
| Weight-for-age (–2 SD)                                                 | 0.041        | 0.008                     | 1,041             | 1,441            | 1.118                      | 0.182                       | 0.026             | 0.056            |
| Exclusive breastfeeding                                                | 0.510        | 0.045                     | 135               | 182              | 1.038                      | 0.088                       | 0.421             | 0.600            |
| Minimum dietary diversity (children 6–23 months)                       | 0.464        | 0.035                     | 297               | 387              | 1.214                      | 0.076                       | 0.394             | 0.535            |

Continued...

Table B.7—Continued

| Variable                                                                                                     | Value<br>(R) | Standard<br>error<br>(SE) | Number of cases   |                  | Design<br>effect<br>(DEFT) | Relative<br>error<br>(SE/R) | Confidence limits |                  |
|--------------------------------------------------------------------------------------------------------------|--------------|---------------------------|-------------------|------------------|----------------------------|-----------------------------|-------------------|------------------|
|                                                                                                              |              |                           | Unweighted<br>(N) | Weighted<br>(WN) |                            |                             | Lower<br>(R-2SE)  | Upper<br>(R+2SE) |
| Prevalence of anemia (children 6–59 months)<br>(hemoglobin <11.0 g/dl)                                       | 0.328        | 0.025                     | 889               | 1,225            | 1.507                      | 0.076                       | 0.278             | 0.378            |
| Body mass index (BMI) <18.5                                                                                  | 0.026        | 0.004                     | 1,573             | 2,067            | 0.944                      | 0.145                       | 0.019             | 0.034            |
| Body mass index (BMI) ≥25                                                                                    | 0.492        | 0.014                     | 1,573             | 2,067            | 1.091                      | 0.028                       | 0.464             | 0.519            |
| Body mass index-for-age (–2 SD)                                                                              | 0.003        | 0.003                     | 336               | 433              | 0.917                      | 0.999                       | 0.000             | 0.008            |
| Body mass index-for-age (+1 SD)                                                                              | 0.144        | 0.022                     | 336               | 433              | 1.141                      | 0.152                       | 0.101             | 0.188            |
| Minimum dietary diversity (women 15–49)                                                                      | 0.945        | 0.006                     | 2,117             | 2,780            | 1.288                      | 0.007                       | 0.933             | 0.958            |
| Prevalence of any anemia (women 15–49)                                                                       | 0.358        | 0.013                     | 2,088             | 2,737            | 1.261                      | 0.037                       | 0.331             | 0.384            |
| Child had fever in last 2 weeks                                                                              | 0.172        | 0.019                     | 1,043             | 1,381            | 1.559                      | 0.112                       | 0.134             | 0.211            |
| Child had blood taken from finger/heel                                                                       | 0.176        | 0.032                     | 175               | 238              | 1.119                      | 0.182                       | 0.112             | 0.240            |
| Discriminatory attitudes towards people with HIV                                                             | 0.781        | 0.015                     | 1,803             | 2,326            | 1.532                      | 0.019                       | 0.751             | 0.811            |
| Condom use at last sex                                                                                       | 0.000        | na                        | 2                 | 2                | na                         | na                          | 0.000             | na               |
| Ever tested for HIV and received results of last test                                                        | 0.213        | 0.017                     | 2,117             | 2,780            | 1.929                      | 0.081                       | 0.179             | 0.248            |
| Mobile phone ownership                                                                                       | 0.705        | 0.025                     | 2,117             | 2,780            | 2.491                      | 0.035                       | 0.656             | 0.755            |
| Have and use a bank account or mobile phone for<br>financial transactions                                    | 0.178        | 0.018                     | 2,117             | 2,780            | 2.103                      | 0.098                       | 0.143             | 0.213            |
| Participate in decision making (all three decisions)                                                         | 0.206        | 0.022                     | 1,627             | 2,160            | 2.153                      | 0.105                       | 0.163             | 0.249            |
| Agree with at least one specified reason a husband is<br>justified in wife beating                           | 0.514        | 0.015                     | 2,117             | 2,780            | 1.380                      | 0.029                       | 0.484             | 0.544            |
| Make own decisions about sexual relations,<br>contraceptive use, and reproductive care                       | 0.379        | 0.022                     | 1,627             | 2,160            | 1.802                      | 0.057                       | 0.336             | 0.423            |
| Experienced physical violence since age 15 by any<br>perpetrator                                             | 0.089        | 0.010                     | 1,420             | 1,810            | 1.303                      | 0.111                       | 0.069             | 0.108            |
| Experienced sexual violence by any perpetrator ever                                                          | 0.021        | 0.005                     | 1,420             | 1,810            | 1.319                      | 0.237                       | 0.011             | 0.031            |
| Experienced sexual violence by any non-intimate partner                                                      | 0.004        | 0.003                     | 1,420             | 1,810            | 1.462                      | 0.587                       | 0.000             | 0.009            |
| Experienced physical/sexual/emotional violence by<br>current or most recent husband or intimate partner ever | 0.134        | 0.013                     | 1,236             | 1,492            | 1.337                      | 0.097                       | 0.108             | 0.160            |
| Experienced physical/sexual violence by current or most<br>recent husband or intimate partner ever           | 0.102        | 0.011                     | 1,236             | 1,492            | 1.230                      | 0.104                       | 0.081             | 0.124            |
| Experienced physical/sexual/emotional violence by any<br>husband or intimate partner in the last 12 months   | 0.095        | 0.012                     | 1,236             | 1,492            | 1.394                      | 0.122                       | 0.072             | 0.119            |

na = not applicable

**Table B.8 Sampling errors: DRS sample, Tajikistan DHS 2023**

| Variable                                                               | Value<br>(R) | Standard<br>error<br>(SE) | Number of cases   |                  | Design<br>effect<br>(DEFT) | Relative<br>error<br>(SE/R) | Confidence limits |                  |
|------------------------------------------------------------------------|--------------|---------------------------|-------------------|------------------|----------------------------|-----------------------------|-------------------|------------------|
|                                                                        |              |                           | Unweighted<br>(N) | Weighted<br>(WN) |                            |                             | Lower<br>(R-2SE)  | Upper<br>(R+2SE) |
| HOUSEHOLDS AND POPULATION                                              |              |                           |                   |                  |                            |                             |                   |                  |
| Primary reliance on clean fuels and technology                         | 0.105        | 0.017                     | 9,817             | 10,677           | 2.161                      | 0.160                       | 0.072             | 0.139            |
| Births registered with civil authority                                 | 0.940        | 0.009                     | 1,172             | 1,269            | 1.075                      | 0.010                       | 0.922             | 0.957            |
| At least basic drinking water service                                  | 0.962        | 0.014                     | 9,817             | 10,677           | 2.612                      | 0.015                       | 0.934             | 0.990            |
| Water available when needed                                            | 0.599        | 0.028                     | 9,817             | 10,677           | 2.196                      | 0.048                       | 0.542             | 0.655            |
| At least basic sanitation service                                      | 0.964        | 0.009                     | 9,817             | 10,677           | 1.797                      | 0.009                       | 0.947             | 0.981            |
| Using open defecation                                                  | 0.000        | 0.000                     | 9,817             | 10,677           | na                         | na                          | 0.000             | 0.000            |
| Using a handwashing facility with soap and water                       | 0.837        | 0.022                     | 9,797             | 10,659           | 2.221                      | 0.027                       | 0.792             | 0.881            |
| WOMEN                                                                  |              |                           |                   |                  |                            |                             |                   |                  |
| No education                                                           | 0.018        | 0.004                     | 2,277             | 2,356            | 1.256                      | 0.193                       | 0.011             | 0.025            |
| Secondary education or higher                                          | 0.942        | 0.007                     | 2,277             | 2,356            | 1.377                      | 0.007                       | 0.928             | 0.955            |
| Literacy                                                               | 0.961        | 0.006                     | 2,277             | 2,356            | 1.456                      | 0.006                       | 0.950             | 0.973            |
| Use of the internet in last 12 months                                  | 0.378        | 0.020                     | 2,277             | 2,356            | 1.990                      | 0.054                       | 0.337             | 0.418            |
| Current tobacco use                                                    | 0.030        | 0.005                     | 2,277             | 2,356            | 1.450                      | 0.174                       | 0.019             | 0.040            |
| Total fertility rate (3 years)                                         | 3.512        | 0.148                     | 6,392             | 6,614            | 1.409                      | 0.042                       | 3.217             | 3.807            |
| Total abortion rate (3 years)                                          | 0.211        | 0.039                     | 6,392             | 6,614            | 1.171                      | 0.184                       | 0.133             | 0.289            |
| Currently pregnant                                                     | 0.069        | 0.006                     | 2,277             | 2,356            | 1.132                      | 0.087                       | 0.057             | 0.081            |
| Mean number of children ever born to women age 40–49                   | 3.473        | 0.128                     | 509               | 525              | 1.585                      | 0.037                       | 3.218             | 3.729            |
| Median birth interval                                                  | 32.472       | 1.061                     | 865               | 893              | 1.053                      | 0.033                       | 30.351            | 34.594           |
| Want no more children                                                  | 0.310        | 0.019                     | 1,709             | 1,782            | 1.670                      | 0.060                       | 0.273             | 0.347            |
| Ideal number of children                                               | 3.465        | 0.053                     | 2,228             | 2,307            | 1.716                      | 0.015                       | 3.359             | 3.571            |
| Total wanted fertility rate (3 years)                                  | 3.242        | 0.139                     | 6,392             | 6,614            | 1.387                      | 0.043                       | 2.964             | 3.520            |
| Currently using any contraceptive method                               | 0.233        | 0.019                     | 1,709             | 1,782            | 1.893                      | 0.083                       | 0.194             | 0.272            |
| Currently using any modern method                                      | 0.219        | 0.018                     | 1,709             | 1,782            | 1.808                      | 0.083                       | 0.182             | 0.255            |
| Currently using pill                                                   | 0.020        | 0.004                     | 1,709             | 1,782            | 1.128                      | 0.191                       | 0.012             | 0.028            |
| Currently using injectables                                            | 0.009        | 0.003                     | 1,709             | 1,782            | 1.318                      | 0.334                       | 0.003             | 0.015            |
| Currently using male condom                                            | 0.023        | 0.004                     | 1,709             | 1,782            | 1.186                      | 0.187                       | 0.014             | 0.032            |
| Currently using any traditional method                                 | 0.015        | 0.004                     | 1,709             | 1,782            | 1.243                      | 0.246                       | 0.007             | 0.022            |
| Unmet need for spacing                                                 | 0.180        | 0.012                     | 1,709             | 1,782            | 1.300                      | 0.067                       | 0.156             | 0.204            |
| Unmet need for limiting                                                | 0.078        | 0.007                     | 1,709             | 1,782            | 1.109                      | 0.092                       | 0.064             | 0.092            |
| Unmet need total                                                       | 0.258        | 0.011                     | 1,709             | 1,782            | 1.021                      | 0.042                       | 0.236             | 0.279            |
| Demand satisfied by modern methods (married women)                     | 0.445        | 0.025                     | 843               | 875              | 1.478                      | 0.057                       | 0.394             | 0.496            |
| Demand satisfied by modern methods (all women)                         | 0.447        | 0.025                     | 848               | 879              | 1.484                      | 0.057                       | 0.396             | 0.498            |
| Participation in decision making about family planning                 | 0.764        | 0.019                     | 1,709             | 1,782            | 1.852                      | 0.025                       | 0.726             | 0.802            |
| Not exposed to any of the eight media sources                          | 0.687        | 0.023                     | 2,277             | 2,356            | 2.409                      | 0.034                       | 0.640             | 0.734            |
| Neonatal mortality (0–9 years)                                         | 10.631       | 2.500                     | 2,545             | 2,640            | 1.159                      | 0.235                       | 5.631             | 15.631           |
| Postneonatal mortality (0–9 years)                                     | 13.068       | 2.163                     | 2,552             | 2,644            | 0.943                      | 0.166                       | 8.742             | 17.394           |
| Infant mortality (0–9 years)                                           | 23.699       | 3.167                     | 2,546             | 2,641            | 0.993                      | 0.134                       | 17.365            | 30.032           |
| Child mortality (0–9 years)                                            | 5.773        | 1.601                     | 2,535             | 2,625            | 1.052                      | 0.277                       | 2.571             | 8.975            |
| Under-5 mortality (0–9 years)                                          | 29.335       | 3.613                     | 2,547             | 2,642            | 0.991                      | 0.123                       | 22.109            | 36.561           |
| Perinatal mortality rate                                               | 11.132       | 3.592                     | 1,207             | 1,249            | 1.200                      | 0.323                       | 3.949             | 18.316           |
| Stillbirth rate                                                        | 4.411        | 1.754                     | 1,207             | 1,249            | 0.922                      | 0.398                       | 0.902             | 7.920            |
| Early neonatal mortality rate                                          | 6.751        | 2.558                     | 1,201             | 1,244            | 1.090                      | 0.379                       | 1.635             | 11.867           |
| Received ANC from a skilled provider                                   | 0.819        | 0.023                     | 455               | 472              | 1.262                      | 0.028                       | 0.773             | 0.865            |
| 4+ ANC visits                                                          | 0.594        | 0.028                     | 455               | 472              | 1.218                      | 0.047                       | 0.538             | 0.651            |
| 8+ ANC visits                                                          | 0.066        | 0.013                     | 455               | 472              | 1.126                      | 0.200                       | 0.039             | 0.092            |
| Took any iron-containing supplements                                   | 0.738        | 0.022                     | 455               | 472              | 1.073                      | 0.030                       | 0.693             | 0.782            |
| Delivered in a health facility (live births)                           | 0.874        | 0.020                     | 484               | 501              | 1.315                      | 0.023                       | 0.834             | 0.914            |
| Delivered by C-section (live births)                                   | 0.099        | 0.016                     | 484               | 501              | 1.132                      | 0.159                       | 0.067             | 0.130            |
| Delivered by a skilled provider (live births)                          | 0.934        | 0.014                     | 484               | 501              | 1.245                      | 0.015                       | 0.906             | 0.962            |
| Women with postnatal check during first 2 days                         | 0.886        | 0.015                     | 455               | 472              | 1.040                      | 0.017                       | 0.855             | 0.917            |
| Newborns with postnatal check during first 2 days                      | 0.860        | 0.019                     | 455               | 472              | 1.166                      | 0.022                       | 0.822             | 0.898            |
| Any problem accessing health care                                      | 0.151        | 0.014                     | 2,277             | 2,356            | 1.834                      | 0.091                       | 0.124             | 0.179            |
| Ever had vaccination card                                              | 0.950        | 0.015                     | 228               | 234              | 1.060                      | 0.016                       | 0.919             | 0.981            |
| Received BCG vaccination                                               | 0.913        | 0.021                     | 228               | 234              | 1.124                      | 0.023                       | 0.871             | 0.955            |
| Received DPT-HepB-Hib vaccination (3 doses)                            | 0.656        | 0.042                     | 228               | 234              | 1.326                      | 0.064                       | 0.572             | 0.740            |
| Received pneumococcal vaccination (2 doses)                            | 0.212        | 0.035                     | 228               | 234              | 1.301                      | 0.167                       | 0.141             | 0.283            |
| Received 12 vaccinations according to national schedule (12–23 months) | 0.569        | 0.047                     | 228               | 234              | 1.419                      | 0.083                       | 0.475             | 0.663            |
| Received MR/MMR-1 vaccination (24–35 months)                           | 0.675        | 0.043                     | 228               | 239              | 1.373                      | 0.064                       | 0.590             | 0.761            |
| Received all basic vaccinations (24–35 months)                         | 0.513        | 0.048                     | 228               | 239              | 1.437                      | 0.093                       | 0.417             | 0.609            |
| Received 15 vaccinations according to national schedule (24–35 months) | 0.435        | 0.051                     | 228               | 239              | 1.541                      | 0.117                       | 0.333             | 0.536            |
| Sought treatment for diarrhea                                          | 0.578        | 0.040                     | 158               | 166              | 0.940                      | 0.069                       | 0.498             | 0.658            |
| Treated with ORS                                                       | 0.489        | 0.047                     | 158               | 166              | 1.117                      | 0.096                       | 0.395             | 0.583            |
| Height-for-age (–3 SD)                                                 | 0.038        | 0.007                     | 1,141             | 1,239            | 1.220                      | 0.182                       | 0.024             | 0.052            |
| Height-for-age (–2 SD)                                                 | 0.139        | 0.015                     | 1,141             | 1,239            | 1.367                      | 0.105                       | 0.110             | 0.169            |
| Weight-for-height (–2 SD)                                              | 0.046        | 0.008                     | 1,144             | 1,243            | 1.096                      | 0.166                       | 0.031             | 0.061            |
| Weight-for-height (+2 SD)                                              | 0.034        | 0.007                     | 1,144             | 1,243            | 1.208                      | 0.193                       | 0.021             | 0.047            |
| Weight-for-age (–2 SD)                                                 | 0.058        | 0.009                     | 1,152             | 1,252            | 1.214                      | 0.148                       | 0.041             | 0.075            |
| Exclusive breastfeeding                                                | 0.385        | 0.048                     | 126               | 130              | 1.108                      | 0.125                       | 0.288             | 0.481            |
| Minimum dietary diversity (children 6–23 months)                       | 0.230        | 0.025                     | 322               | 334              | 1.062                      | 0.108                       | 0.180             | 0.280            |

Continued...

Table B.8—Continued

| Variable                                                                                                     | Value<br>(R) | Standard<br>error<br>(SE) | Number of cases   |                  | Design<br>effect<br>(DEFT) | Relative<br>error<br>(SE/R) | Confidence limits |                  |
|--------------------------------------------------------------------------------------------------------------|--------------|---------------------------|-------------------|------------------|----------------------------|-----------------------------|-------------------|------------------|
|                                                                                                              |              |                           | Unweighted<br>(N) | Weighted<br>(WN) |                            |                             | Lower<br>(R-2SE)  | Upper<br>(R+2SE) |
| Prevalence of anemia (children 6–59 months)<br>(hemoglobin <11.0 g/dl)                                       | 0.415        | 0.022                     | 1,002             | 1,092            | 1.316                      | 0.053                       | 0.370             | 0.459            |
| Body mass index (BMI) <18.5                                                                                  | 0.027        | 0.005                     | 1,678             | 1,742            | 1.142                      | 0.168                       | 0.018             | 0.036            |
| Body mass index (BMI) ≥25                                                                                    | 0.547        | 0.014                     | 1,678             | 1,742            | 1.152                      | 0.026                       | 0.519             | 0.575            |
| Body mass index-for-age (–2 SD)                                                                              | 0.016        | 0.007                     | 372               | 385              | 1.008                      | 0.408                       | 0.003             | 0.029            |
| Body mass index-for-age (+1 SD)                                                                              | 0.117        | 0.019                     | 372               | 385              | 1.126                      | 0.160                       | 0.080             | 0.155            |
| Minimum dietary diversity (women 15–49)                                                                      | 0.845        | 0.014                     | 2,277             | 2,356            | 1.798                      | 0.016                       | 0.818             | 0.872            |
| Prevalence of any anemia (women 15–49)                                                                       | 0.408        | 0.015                     | 2,242             | 2,328            | 1.487                      | 0.038                       | 0.377             | 0.439            |
| Child had fever in last 2 weeks                                                                              | 0.078        | 0.011                     | 1,173             | 1,215            | 1.328                      | 0.143                       | 0.056             | 0.101            |
| Child had blood taken from finger/heel                                                                       | 0.061        | 0.026                     | 91                | 95               | 1.039                      | 0.427                       | 0.009             | 0.114            |
| Discriminatory attitudes towards people with HIV                                                             | 0.771        | 0.018                     | 1,434             | 1,463            | 1.586                      | 0.023                       | 0.736             | 0.807            |
| Condom use at last sex                                                                                       | 0.000        | 0.000                     | 2                 | 2                | na                         | na                          | 0.000             | 0.000            |
| Ever tested for HIV and received results of last test                                                        | 0.147        | 0.015                     | 2,277             | 2,356            | 1.983                      | 0.100                       | 0.117             | 0.176            |
| Mobile phone ownership                                                                                       | 0.574        | 0.019                     | 2,277             | 2,356            | 1.822                      | 0.033                       | 0.537             | 0.612            |
| Have and use a bank account or mobile phone for<br>financial transactions                                    | 0.132        | 0.015                     | 2,277             | 2,356            | 2.165                      | 0.117                       | 0.101             | 0.163            |
| Participate in decision making (all three decisions)                                                         | 0.515        | 0.031                     | 1,709             | 1,782            | 2.600                      | 0.061                       | 0.452             | 0.578            |
| Agree with at least one specified reason a husband is<br>justified in wife beating                           | 0.290        | 0.015                     | 2,277             | 2,356            | 1.574                      | 0.052                       | 0.260             | 0.320            |
| Make own decisions about sexual relations,<br>contraceptive use, and reproductive care                       | 0.318        | 0.025                     | 1,709             | 1,782            | 2.254                      | 0.080                       | 0.267             | 0.369            |
| Experienced physical violence since age 15 by any<br>perpetrator                                             | 0.083        | 0.008                     | 1,421             | 1,533            | 1.095                      | 0.096                       | 0.067             | 0.099            |
| Experienced sexual violence by any perpetrator ever                                                          | 0.013        | 0.004                     | 1,421             | 1,533            | 1.280                      | 0.291                       | 0.006             | 0.021            |
| Experienced sexual violence by any non-intimate partner                                                      | 0.000        | 0.000                     | 1,421             | 1,533            | na                         | na                          | 0.000             | 0.000            |
| Experienced physical/sexual/emotional violence by<br>current or most recent husband or intimate partner ever | 0.100        | 0.009                     | 1,239             | 1,259            | 1.085                      | 0.093                       | 0.081             | 0.118            |
| Experienced physical/sexual violence by current or most<br>recent husband or intimate partner ever           | 0.083        | 0.009                     | 1,239             | 1,259            | 1.177                      | 0.111                       | 0.065             | 0.102            |
| Experienced physical/sexual/emotional violence by any<br>husband or intimate partner in the last 12 months   | 0.081        | 0.009                     | 1,239             | 1,259            | 1.128                      | 0.108                       | 0.063             | 0.098            |

na = not applicable

**Table B.9 Sampling errors: Khatlon sample, Tajikistan DHS 2023**

| Variable                                                               | Value<br>(R) | Standard<br>error<br>(SE) | Number of cases   |                  | Design<br>effect<br>(DEFT) | Relative<br>error<br>(SE/R) | Confidence limits |                  |
|------------------------------------------------------------------------|--------------|---------------------------|-------------------|------------------|----------------------------|-----------------------------|-------------------|------------------|
|                                                                        |              |                           | Unweighted<br>(N) | Weighted<br>(WN) |                            |                             | Lower<br>(R-2SE)  | Upper<br>(R+2SE) |
| HOUSEHOLDS AND POPULATION                                              |              |                           |                   |                  |                            |                             |                   |                  |
| Primary reliance on clean fuels and technology                         | 0.087        | 0.012                     | 11,857            | 16,596           | 2.021                      | 0.141                       | 0.063             | 0.112            |
| Births registered with civil authority                                 | 0.974        | 0.006                     | 1,412             | 2,022            | 1.110                      | 0.006                       | 0.962             | 0.985            |
| At least basic drinking water service                                  | 0.874        | 0.030                     | 11,857            | 16,596           | 3.795                      | 0.034                       | 0.815             | 0.933            |
| Water available when needed                                            | 0.478        | 0.028                     | 11,857            | 16,596           | 2.352                      | 0.059                       | 0.421             | 0.534            |
| At least basic sanitation service                                      | 0.982        | 0.005                     | 11,857            | 16,596           | 1.589                      | 0.005                       | 0.973             | 0.992            |
| Using open defecation                                                  | 0.000        | 0.000                     | 11,857            | 16,596           | na                         | na                          | 0.000             | 0.000            |
| Using a handwashing facility with soap and water                       | 0.773        | 0.028                     | 11,817            | 16,529           | 2.784                      | 0.036                       | 0.718             | 0.828            |
| WOMEN                                                                  |              |                           |                   |                  |                            |                             |                   |                  |
| No education                                                           | 0.014        | 0.003                     | 2,664             | 3,509            | 1.248                      | 0.200                       | 0.009             | 0.020            |
| Secondary education or higher                                          | 0.949        | 0.006                     | 2,664             | 3,509            | 1.396                      | 0.006                       | 0.937             | 0.961            |
| Literacy                                                               | 0.959        | 0.005                     | 2,664             | 3,509            | 1.392                      | 0.006                       | 0.948             | 0.970            |
| Use of the internet in last 12 months                                  | 0.340        | 0.022                     | 2,664             | 3,509            | 2.366                      | 0.064                       | 0.296             | 0.383            |
| Current tobacco use                                                    | 0.023        | 0.004                     | 2,664             | 3,509            | 1.487                      | 0.190                       | 0.014             | 0.031            |
| Total fertility rate (3 years)                                         | 3.560        | 0.151                     | 7,526             | 9,893            | 1.516                      | 0.042                       | 3.258             | 3.862            |
| Total abortion rate (3 years)                                          | 0.183        | 0.040                     | 7,526             | 9,893            | 1.398                      | 0.215                       | 0.104             | 0.263            |
| Currently pregnant                                                     | 0.089        | 0.007                     | 2,664             | 3,509            | 1.183                      | 0.073                       | 0.076             | 0.103            |
| Mean number of children ever born to women age 40–49                   | 3.362        | 0.082                     | 505               | 655              | 1.181                      | 0.024                       | 3.198             | 3.526            |
| Median birth interval                                                  | 30.916       | 0.953                     | 1,042             | 1,430            | 1.316                      | 0.031                       | 29.011            | 32.822           |
| Want no more children                                                  | 0.327        | 0.014                     | 1,982             | 2,634            | 1.325                      | 0.043                       | 0.299             | 0.355            |
| Ideal number of children                                               | 3.459        | 0.039                     | 2,590             | 3,420            | 1.562                      | 0.011                       | 3.380             | 3.537            |
| Total wanted fertility rate (3 years)                                  | 3.209        | 0.128                     | 7,526             | 9,893            | 1.400                      | 0.040                       | 2.954             | 3.464            |
| Currently using any contraceptive method                               | 0.266        | 0.016                     | 1,982             | 2,634            | 1.589                      | 0.059                       | 0.235             | 0.298            |
| Currently using any modern method                                      | 0.252        | 0.015                     | 1,982             | 2,634            | 1.564                      | 0.061                       | 0.221             | 0.282            |
| Currently using pill                                                   | 0.016        | 0.004                     | 1,982             | 2,634            | 1.426                      | 0.252                       | 0.008             | 0.024            |
| Currently using injectables                                            | 0.011        | 0.004                     | 1,982             | 2,634            | 1.634                      | 0.345                       | 0.003             | 0.019            |
| Currently using male condom                                            | 0.023        | 0.004                     | 1,982             | 2,634            | 1.152                      | 0.169                       | 0.015             | 0.030            |
| Currently using any traditional method                                 | 0.015        | 0.003                     | 1,982             | 2,634            | 1.043                      | 0.191                       | 0.009             | 0.020            |
| Unmet need for spacing                                                 | 0.124        | 0.010                     | 1,982             | 2,634            | 1.342                      | 0.080                       | 0.104             | 0.144            |
| Unmet need for limiting                                                | 0.080        | 0.008                     | 1,982             | 2,634            | 1.291                      | 0.098                       | 0.064             | 0.096            |
| Unmet need total                                                       | 0.204        | 0.013                     | 1,982             | 2,634            | 1.384                      | 0.061                       | 0.179             | 0.229            |
| Demand satisfied by modern methods (married women)                     | 0.535        | 0.025                     | 917               | 1,239            | 1.551                      | 0.047                       | 0.484             | 0.586            |
| Demand satisfied by modern methods (all women)                         | 0.532        | 0.026                     | 927               | 1,249            | 1.577                      | 0.048                       | 0.481             | 0.583            |
| Participation in decision making about family planning                 | 0.509        | 0.019                     | 1,982             | 2,634            | 1.708                      | 0.038                       | 0.471             | 0.548            |
| Not exposed to any of the eight media sources                          | 0.629        | 0.030                     | 2,664             | 3,509            | 3.176                      | 0.047                       | 0.570             | 0.689            |
| Neonatal mortality (0–9 years)                                         | 4.269        | 1.201                     | 2,992             | 4,076            | 1.025                      | 0.281                       | 1.868             | 6.670            |
| Postneonatal mortality (0–9 years)                                     | 10.273       | 2.334                     | 3,000             | 4,085            | 1.293                      | 0.227                       | 5.605             | 14.941           |
| Infant mortality (0–9 years)                                           | 14.542       | 2.742                     | 2,993             | 4,078            | 1.230                      | 0.189                       | 9.059             | 20.026           |
| Child mortality (0–9 years)                                            | 4.982        | 1.469                     | 2,890             | 3,949            | 1.138                      | 0.295                       | 2.045             | 7.920            |
| Under-5 mortality (0–9 years)                                          | 19.452       | 3.381                     | 2,995             | 4,080            | 1.333                      | 0.174                       | 12.689            | 26.215           |
| Perinatal mortality rate                                               | 8.539        | 2.796                     | 1,471             | 1,995            | 1.187                      | 0.327                       | 2.946             | 14.131           |
| Stillbirth rate                                                        | 5.906        | 2.459                     | 1,471             | 1,995            | 1.253                      | 0.416                       | 0.988             | 10.825           |
| Early neonatal mortality rate                                          | 2.648        | 1.356                     | 1,462             | 1,983            | 1.025                      | 0.512                       | 0.000             | 5.360            |
| Received ANC from a skilled provider                                   | 0.713        | 0.030                     | 592               | 785              | 1.630                      | 0.043                       | 0.652             | 0.774            |
| 4+ ANC visits                                                          | 0.426        | 0.035                     | 592               | 785              | 1.722                      | 0.082                       | 0.356             | 0.496            |
| 8+ ANC visits                                                          | 0.037        | 0.011                     | 592               | 785              | 1.356                      | 0.284                       | 0.016             | 0.058            |
| Took any iron-containing supplements                                   | 0.720        | 0.021                     | 592               | 785              | 1.115                      | 0.029                       | 0.679             | 0.762            |
| Delivered in a health facility (live births)                           | 0.954        | 0.014                     | 633               | 844              | 1.660                      | 0.014                       | 0.927             | 0.982            |
| Delivered by C-section (live births)                                   | 0.119        | 0.016                     | 633               | 844              | 1.178                      | 0.133                       | 0.088             | 0.151            |
| Delivered by a skilled provider (live births)                          | 0.985        | 0.006                     | 633               | 844              | 1.337                      | 0.007                       | 0.972             | 0.998            |
| Women with postnatal check during first 2 days                         | 0.879        | 0.015                     | 592               | 785              | 1.130                      | 0.017                       | 0.848             | 0.909            |
| Newborns with postnatal check during first 2 days                      | 0.884        | 0.016                     | 592               | 785              | 1.209                      | 0.018                       | 0.852             | 0.916            |
| Any problem accessing health care                                      | 0.126        | 0.018                     | 2,664             | 3,509            | 2.739                      | 0.140                       | 0.090             | 0.161            |
| Ever had vaccination card                                              | 0.962        | 0.013                     | 280               | 382              | 1.162                      | 0.014                       | 0.936             | 0.988            |
| Received BCG vaccination                                               | 0.897        | 0.023                     | 280               | 382              | 1.290                      | 0.026                       | 0.851             | 0.943            |
| Received DPT-HepB-Hib vaccination (3 doses)                            | 0.830        | 0.028                     | 280               | 382              | 1.249                      | 0.034                       | 0.775             | 0.886            |
| Received pneumococcal vaccination (2 doses)                            | 0.312        | 0.046                     | 280               | 382              | 1.666                      | 0.146                       | 0.221             | 0.403            |
| Received 12 vaccinations according to national schedule (12–23 months) | 0.781        | 0.032                     | 280               | 382              | 1.286                      | 0.040                       | 0.718             | 0.844            |
| Received MR/MMR-1 vaccination (24–35 months)                           | 0.790        | 0.038                     | 260               | 357              | 1.530                      | 0.048                       | 0.714             | 0.866            |
| Received all basic vaccinations (24–35 months)                         | 0.751        | 0.043                     | 260               | 357              | 1.621                      | 0.057                       | 0.666             | 0.836            |
| Received 15 vaccinations according to national schedule (24–35 months) | 0.672        | 0.045                     | 260               | 357              | 1.597                      | 0.068                       | 0.581             | 0.763            |
| Sought treatment for diarrhea                                          | 0.652        | 0.041                     | 201               | 272              | 1.190                      | 0.063                       | 0.570             | 0.735            |
| Treated with ORS                                                       | 0.527        | 0.043                     | 201               | 272              | 1.178                      | 0.082                       | 0.441             | 0.614            |
| Height-for-age (–3 SD)                                                 | 0.054        | 0.009                     | 1,409             | 2,004            | 1.391                      | 0.165                       | 0.036             | 0.072            |
| Height-for-age (–2 SD)                                                 | 0.147        | 0.014                     | 1,409             | 2,004            | 1.462                      | 0.097                       | 0.118             | 0.175            |
| Weight-for-height (–2 SD)                                              | 0.111        | 0.014                     | 1,407             | 2,000            | 1.550                      | 0.123                       | 0.084             | 0.139            |
| Weight-for-height (+2 SD)                                              | 0.047        | 0.008                     | 1,407             | 2,000            | 1.256                      | 0.162                       | 0.032             | 0.063            |
| Weight-for-age (–2 SD)                                                 | 0.061        | 0.009                     | 1,430             | 2,035            | 1.375                      | 0.150                       | 0.043             | 0.080            |
| Exclusive breastfeeding                                                | 0.377        | 0.043                     | 168               | 225              | 1.153                      | 0.115                       | 0.290             | 0.463            |
| Minimum dietary diversity (children 6–23 months)                       | 0.182        | 0.022                     | 420               | 555              | 1.181                      | 0.123                       | 0.137             | 0.226            |

Continued...

Table B.9—Continued

| Variable                                                                                                     | Value<br>(R) | Standard<br>error<br>(SE) | Number of cases   |                  | Design<br>effect<br>(DEFT) | Relative<br>error<br>(SE/R) | Confidence limits |                  |
|--------------------------------------------------------------------------------------------------------------|--------------|---------------------------|-------------------|------------------|----------------------------|-----------------------------|-------------------|------------------|
|                                                                                                              |              |                           | Unweighted<br>(N) | Weighted<br>(WN) |                            |                             | Lower<br>(R-2SE)  | Upper<br>(R+2SE) |
| Prevalence of anemia (children 6–59 months)<br>(hemoglobin <11.0 g/dl)                                       | 0.339        | 0.022                     | 1,237             | 1,771            | 1.601                      | 0.064                       | 0.296             | 0.382            |
| Body mass index (BMI) <18.5                                                                                  | 0.043        | 0.006                     | 1,947             | 2,547            | 1.330                      | 0.142                       | 0.031             | 0.055            |
| Body mass index (BMI) ≥25                                                                                    | 0.465        | 0.015                     | 1,947             | 2,547            | 1.344                      | 0.033                       | 0.435             | 0.496            |
| Body mass index-for-age (–2 SD)                                                                              | 0.010        | 0.005                     | 410               | 555              | 0.975                      | 0.491                       | 0.000             | 0.019            |
| Body mass index-for-age (+1 SD)                                                                              | 0.099        | 0.016                     | 410               | 555              | 1.111                      | 0.166                       | 0.066             | 0.132            |
| Minimum dietary diversity (women 15–49)                                                                      | 0.824        | 0.017                     | 2,664             | 3,509            | 2.298                      | 0.021                       | 0.790             | 0.858            |
| Prevalence of any anemia (women 15–49)                                                                       | 0.340        | 0.016                     | 2,629             | 3,469            | 1.712                      | 0.047                       | 0.308             | 0.371            |
| Child had fever in last 2 weeks                                                                              | 0.078        | 0.010                     | 1,435             | 1,946            | 1.408                      | 0.131                       | 0.058             | 0.098            |
| Child had blood taken from finger/heel                                                                       | 0.332        | 0.047                     | 118               | 152              | 1.071                      | 0.141                       | 0.238             | 0.425            |
| Discriminatory attitudes towards people with HIV                                                             | 0.736        | 0.023                     | 2,056             | 2,707            | 2.331                      | 0.031                       | 0.691             | 0.782            |
| Condom use at last sex                                                                                       | 0.000        | 0.000                     | 5                 | 4                | na                         | na                          | 0.000             | 0.000            |
| Ever tested for HIV and received results of last test                                                        | 0.164        | 0.019                     | 2,664             | 3,509            | 2.616                      | 0.114                       | 0.127             | 0.202            |
| Mobile phone ownership                                                                                       | 0.579        | 0.018                     | 2,664             | 3,509            | 1.866                      | 0.031                       | 0.543             | 0.615            |
| Have and use a bank account or mobile phone for<br>financial transactions                                    | 0.076        | 0.008                     | 2,664             | 3,509            | 1.600                      | 0.108                       | 0.059             | 0.092            |
| Participate in decision making (all three decisions)                                                         | 0.304        | 0.015                     | 1,982             | 2,634            | 1.454                      | 0.049                       | 0.274             | 0.334            |
| Agree with at least one specified reason a husband is<br>justified in wife beating                           | 0.635        | 0.024                     | 2,664             | 3,509            | 2.520                      | 0.037                       | 0.588             | 0.682            |
| Make own decisions about sexual relations,<br>contraceptive use, and reproductive care                       | 0.231        | 0.015                     | 1,982             | 2,634            | 1.547                      | 0.063                       | 0.202             | 0.261            |
| Experienced physical violence since age 15 by any<br>perpetrator                                             | 0.180        | 0.023                     | 1,652             | 2,301            | 2.452                      | 0.129                       | 0.133             | 0.226            |
| Experienced sexual violence by any perpetrator ever                                                          | 0.022        | 0.006                     | 1,652             | 2,301            | 1.543                      | 0.254                       | 0.011             | 0.033            |
| Experienced sexual violence by any non-intimate partner                                                      | 0.000        | 0.000                     | 1,652             | 2,301            | na                         | na                          | 0.000             | 0.000            |
| Experienced physical/sexual/emotional violence by<br>current or most recent husband or intimate partner ever | 0.241        | 0.030                     | 1,444             | 1,884            | 2.645                      | 0.124                       | 0.181             | 0.301            |
| Experienced physical/sexual violence by current or most<br>recent husband or intimate partner ever           | 0.217        | 0.027                     | 1,444             | 1,884            | 2.520                      | 0.126                       | 0.163             | 0.272            |
| Experienced physical/sexual/emotional violence by any<br>husband or intimate partner in the last 12 months   | 0.222        | 0.029                     | 1,444             | 1,884            | 2.689                      | 0.133                       | 0.163             | 0.280            |

na = not applicable

**Table B.10 Sampling errors: FTF sample, Tajikistan DHS 2023**

| Variable                                                               | Value<br>(R) | Standard<br>error<br>(SE) | Number of cases   |                  | Design<br>effect<br>(DEFT) | Relative<br>error<br>(SE/R) | Confidence limits |                  |
|------------------------------------------------------------------------|--------------|---------------------------|-------------------|------------------|----------------------------|-----------------------------|-------------------|------------------|
|                                                                        |              |                           | Unweighted<br>(N) | Weighted<br>(WN) |                            |                             | Lower<br>(R-2SE)  | Upper<br>(R+2SE) |
| HOUSEHOLDS AND POPULATION                                              |              |                           |                   |                  |                            |                             |                   |                  |
| Primary reliance on clean fuels and technology                         | 0.038        | 0.010                     | 6,093             | 9,209            | 1.752                      | 0.266                       | 0.018             | 0.059            |
| Births registered with civil authority                                 | 0.979        | 0.006                     | 823               | 1,268            | 1.081                      | 0.006                       | 0.967             | 0.991            |
| At least basic drinking water service                                  | 0.791        | 0.048                     | 6,093             | 9,209            | 3.527                      | 0.061                       | 0.696             | 0.887            |
| Water available when needed                                            | 0.556        | 0.038                     | 6,093             | 9,209            | 2.218                      | 0.067                       | 0.481             | 0.631            |
| At least basic sanitation service                                      | 0.988        | 0.005                     | 6,093             | 9,209            | 1.446                      | 0.005                       | 0.979             | 0.998            |
| Using open defecation                                                  | 0.000        | 0.000                     | 6,093             | 9,209            | na                         | na                          | 0.000             | 0.000            |
| Using a handwashing facility with soap and water                       | 0.699        | 0.039                     | 6,059             | 9,153            | 2.525                      | 0.056                       | 0.620             | 0.777            |
| WOMEN                                                                  |              |                           |                   |                  |                            |                             |                   |                  |
| No education                                                           | 0.018        | 0.004                     | 1,354             | 1,937            | 1.204                      | 0.239                       | 0.010             | 0.027            |
| Secondary education or higher                                          | 0.940        | 0.008                     | 1,354             | 1,937            | 1.306                      | 0.009                       | 0.924             | 0.957            |
| Literacy                                                               | 0.949        | 0.008                     | 1,354             | 1,937            | 1.356                      | 0.009                       | 0.933             | 0.965            |
| Use of the internet in last 12 months                                  | 0.345        | 0.025                     | 1,354             | 1,937            | 1.960                      | 0.073                       | 0.294             | 0.396            |
| Current tobacco use                                                    | 0.017        | 0.005                     | 1,354             | 1,937            | 1.316                      | 0.270                       | 0.008             | 0.027            |
| Total fertility rate (3 years)                                         | 3.820        | 0.192                     | 3,809             | 5,431            | 1.442                      | 0.050                       | 3.436             | 4.205            |
| Total abortion rate (3 years)                                          | 0.139        | 0.044                     | 3,809             | 5,431            | 1.320                      | 0.318                       | 0.051             | 0.228            |
| Currently pregnant                                                     | 0.083        | 0.007                     | 1,354             | 1,937            | 0.920                      | 0.083                       | 0.069             | 0.097            |
| Mean number of children ever born to women age 40–49                   | 3.530        | 0.121                     | 241               | 338              | 1.176                      | 0.034                       | 3.288             | 3.773            |
| Median birth interval                                                  | 30.636       | 1.188                     | 603               | 890              | 1.340                      | 0.039                       | 28.261            | 33.012           |
| Want no more children                                                  | 0.292        | 0.016                     | 1,032             | 1,482            | 1.132                      | 0.055                       | 0.260             | 0.324            |
| Ideal number of children                                               | 3.309        | 0.049                     | 1,323             | 1,889            | 1.363                      | 0.015                       | 3.212             | 3.407            |
| Total wanted fertility rate (3 years)                                  | 3.412        | 0.155                     | 3,809             | 5,431            | 1.291                      | 0.046                       | 3.101             | 3.723            |
| Currently using any contraceptive method                               | 0.260        | 0.020                     | 1,032             | 1,482            | 1.493                      | 0.078                       | 0.220             | 0.301            |
| Currently using any modern method                                      | 0.242        | 0.019                     | 1,032             | 1,482            | 1.405                      | 0.077                       | 0.205             | 0.280            |
| Currently using pill                                                   | 0.024        | 0.007                     | 1,032             | 1,482            | 1.357                      | 0.268                       | 0.011             | 0.037            |
| Currently using injectables                                            | 0.011        | 0.004                     | 1,032             | 1,482            | 1.301                      | 0.386                       | 0.002             | 0.019            |
| Currently using male condom                                            | 0.013        | 0.004                     | 1,032             | 1,482            | 1.138                      | 0.305                       | 0.005             | 0.021            |
| Currently using any traditional method                                 | 0.018        | 0.004                     | 1,032             | 1,482            | 1.054                      | 0.241                       | 0.009             | 0.027            |
| Unmet need for spacing                                                 | 0.134        | 0.012                     | 1,032             | 1,482            | 1.175                      | 0.093                       | 0.109             | 0.159            |
| Unmet need for limiting                                                | 0.079        | 0.010                     | 1,032             | 1,482            | 1.162                      | 0.124                       | 0.059             | 0.098            |
| Unmet need total                                                       | 0.213        | 0.016                     | 1,032             | 1,482            | 1.278                      | 0.077                       | 0.180             | 0.245            |
| Demand satisfied by modern methods (married women)                     | 0.512        | 0.031                     | 474               | 701              | 1.364                      | 0.060                       | 0.450             | 0.574            |
| Demand satisfied by modern methods (all women)                         | 0.512        | 0.031                     | 477               | 704              | 1.382                      | 0.061                       | 0.449             | 0.574            |
| Participation in decision making about family planning                 | 0.531        | 0.027                     | 1,032             | 1,482            | 1.743                      | 0.051                       | 0.477             | 0.585            |
| Not exposed to any of the eight media sources                          | 0.727        | 0.021                     | 1,354             | 1,937            | 1.727                      | 0.029                       | 0.686             | 0.769            |
| Neonatal mortality (0–9 years)                                         | 3.314        | 1.412                     | 1,642             | 2,394            | 1.009                      | 0.426                       | 0.490             | 6.137            |
| Postneonatal mortality (0–9 years)                                     | 11.060       | 3.190                     | 1,645             | 2,398            | 1.246                      | 0.288                       | 4.681             | 17.439           |
| Infant mortality (0–9 years)                                           | 14.374       | 3.730                     | 1,643             | 2,396            | 1.285                      | 0.259                       | 6.915             | 21.833           |
| Child mortality (0–9 years)                                            | 3.774        | 1.903                     | 1,573             | 2,292            | 1.173                      | 0.504                       | 0.000             | 7.580            |
| Under-5 mortality (0–9 years)                                          | 18.094       | 4.360                     | 1,643             | 2,396            | 1.324                      | 0.241                       | 9.374             | 26.814           |
| Perinatal mortality rate                                               | 2.420        | 1.712                     | 838               | 1,226            | 1.024                      | 0.707                       | 0.000             | 5.843            |
| Stillbirth rate                                                        | 1.293        | 1.290                     | 838               | 1,226            | 1.054                      | 0.998                       | 0.000             | 3.873            |
| Early neonatal mortality rate                                          | 1.129        | 1.129                     | 837               | 1,225            | 0.984                      | 1.000                       | 0.000             | 3.386            |
| Received ANC from a skilled provider                                   | 0.797        | 0.037                     | 326               | 471              | 1.656                      | 0.047                       | 0.722             | 0.871            |
| 4+ ANC visits                                                          | 0.469        | 0.047                     | 326               | 471              | 1.691                      | 0.100                       | 0.375             | 0.563            |
| 8+ ANC visits                                                          | 0.051        | 0.016                     | 326               | 471              | 1.344                      | 0.323                       | 0.018             | 0.083            |
| Took any iron-containing supplements                                   | 0.740        | 0.028                     | 326               | 471              | 1.148                      | 0.038                       | 0.684             | 0.796            |
| Delivered in a health facility (live births)                           | 0.981        | 0.009                     | 349               | 507              | 1.208                      | 0.009                       | 0.963             | 0.999            |
| Delivered by C-section (live births)                                   | 0.106        | 0.021                     | 349               | 507              | 1.230                      | 0.194                       | 0.065             | 0.147            |
| Delivered by a skilled provider (live births)                          | 0.988        | 0.008                     | 349               | 507              | 1.340                      | 0.008                       | 0.972             | 1.000            |
| Women with postnatal check during first 2 days                         | 0.864        | 0.021                     | 326               | 471              | 1.087                      | 0.024                       | 0.822             | 0.905            |
| Newborns with postnatal check during first 2 days                      | 0.877        | 0.021                     | 326               | 471              | 1.130                      | 0.023                       | 0.836             | 0.919            |
| Any problem accessing health care                                      | 0.170        | 0.023                     | 1,354             | 1,937            | 2.208                      | 0.133                       | 0.124             | 0.215            |
| Ever had vaccination card                                              | 0.950        | 0.020                     | 151               | 225              | 1.160                      | 0.021                       | 0.909             | 0.990            |
| Received BCG vaccination                                               | 0.907        | 0.030                     | 151               | 225              | 1.272                      | 0.033                       | 0.847             | 0.966            |
| Received DPT-HepB-Hib vaccination (3 doses)                            | 0.849        | 0.033                     | 151               | 225              | 1.161                      | 0.039                       | 0.782             | 0.915            |
| Received pneumococcal vaccination (2 doses)                            | 0.455        | 0.059                     | 151               | 225              | 1.466                      | 0.130                       | 0.337             | 0.573            |
| Received 12 vaccinations according to national schedule (12–23 months) | 0.811        | 0.037                     | 151               | 225              | 1.192                      | 0.046                       | 0.736             | 0.885            |
| Received MR/MMR-1 vaccination (24–35 months)                           | 0.819        | 0.047                     | 144               | 211              | 1.493                      | 0.058                       | 0.725             | 0.913            |
| Received all basic vaccinations (24–35 months)                         | 0.790        | 0.053                     | 144               | 211              | 1.603                      | 0.068                       | 0.683             | 0.897            |
| Received 15 vaccinations according to national schedule (24–35 months) | 0.699        | 0.063                     | 144               | 211              | 1.677                      | 0.090                       | 0.573             | 0.825            |
| Sought treatment for diarrhea                                          | 0.740        | 0.046                     | 97                | 139              | 1.036                      | 0.062                       | 0.648             | 0.832            |
| Treated with ORS                                                       | 0.583        | 0.060                     | 97                | 139              | 1.152                      | 0.103                       | 0.463             | 0.703            |
| Height-for-age (–3 SD)                                                 | 0.061        | 0.012                     | 811               | 1,244            | 1.427                      | 0.204                       | 0.036             | 0.086            |
| Height-for-age (–2 SD)                                                 | 0.144        | 0.018                     | 811               | 1,244            | 1.424                      | 0.123                       | 0.109             | 0.180            |
| Weight-for-height (–2 SD)                                              | 0.138        | 0.021                     | 810               | 1,241            | 1.588                      | 0.149                       | 0.096             | 0.179            |
| Weight-for-height (+2 SD)                                              | 0.047        | 0.011                     | 810               | 1,241            | 1.376                      | 0.225                       | 0.026             | 0.068            |
| Weight-for-age (–2 SD)                                                 | 0.067        | 0.013                     | 827               | 1,270            | 1.437                      | 0.196                       | 0.041             | 0.093            |
| Exclusive breastfeeding                                                | 0.435        | 0.056                     | 98                | 143              | 1.111                      | 0.129                       | 0.323             | 0.547            |
| Minimum dietary diversity (children 6–23 months)                       | 0.202        | 0.032                     | 228               | 328              | 1.204                      | 0.159                       | 0.138             | 0.266            |

Continued...



Table B.10—Continued

| Variable                                                                                                     | Value<br>(R) | Standard<br>error<br>(SE) | Number of cases   |                  | Design<br>effect<br>(DEFT) | Relative<br>error<br>(SE/R) | Confidence limits |                  |
|--------------------------------------------------------------------------------------------------------------|--------------|---------------------------|-------------------|------------------|----------------------------|-----------------------------|-------------------|------------------|
|                                                                                                              |              |                           | Unweighted<br>(N) | Weighted<br>(WN) |                            |                             | Lower<br>(R-2SE)  | Upper<br>(R+2SE) |
| Prevalence of anemia (children 6–59 months)<br>(hemoglobin <11.0 g/dl)                                       | 0.329        | 0.025                     | 721               | 1,111            | 1.419                      | 0.075                       | 0.280             | 0.379            |
| Body mass index (BMI) <18.5                                                                                  | 0.034        | 0.008                     | 999               | 1,416            | 1.368                      | 0.231                       | 0.018             | 0.050            |
| Body mass index (BMI) ≥25                                                                                    | 0.451        | 0.021                     | 999               | 1,416            | 1.343                      | 0.047                       | 0.409             | 0.493            |
| Body mass index-for-age (–2 SD)                                                                              | 0.005        | 0.005                     | 213               | 315              | 1.059                      | 1.014                       | 0.000             | 0.015            |
| Body mass index-for-age (+1 SD)                                                                              | 0.103        | 0.023                     | 213               | 315              | 1.120                      | 0.227                       | 0.057             | 0.150            |
| Minimum dietary diversity (women 15–49)                                                                      | 0.830        | 0.022                     | 1,354             | 1,937            | 2.122                      | 0.026                       | 0.786             | 0.873            |
| Prevalence of any anemia (women 15–49)                                                                       | 0.294        | 0.022                     | 1,347             | 1,931            | 1.756                      | 0.074                       | 0.251             | 0.338            |
| Child had fever in last 2 weeks                                                                              | 0.058        | 0.009                     | 824               | 1,206            | 1.161                      | 0.162                       | 0.039             | 0.076            |
| Child had blood taken from finger/heel                                                                       | 0.416        | 0.085                     | 51                | 69               | 1.195                      | 0.203                       | 0.247             | 0.586            |
| Discriminatory attitudes towards people with HIV                                                             | 0.760        | 0.021                     | 1,035             | 1,466            | 1.550                      | 0.027                       | 0.719             | 0.801            |
| Condom use at last sex                                                                                       | 0.000        | na                        | 1                 | 1                | na                         | na                          | 0.000             | na               |
| Ever tested for HIV and received results of last test                                                        | 0.124        | 0.022                     | 1,354             | 1,937            | 2.431                      | 0.176                       | 0.081             | 0.168            |
| Mobile phone ownership                                                                                       | 0.517        | 0.022                     | 1,354             | 1,937            | 1.607                      | 0.042                       | 0.473             | 0.560            |
| Have and use a bank account or mobile phone for<br>financial transactions                                    | 0.072        | 0.009                     | 1,354             | 1,937            | 1.250                      | 0.122                       | 0.054             | 0.090            |
| Participate in decision making (all three decisions)                                                         | 0.279        | 0.018                     | 1,032             | 1,482            | 1.311                      | 0.066                       | 0.242             | 0.315            |
| Agree with at least one specified reason a husband is<br>justified in wife beating                           | 0.609        | 0.026                     | 1,354             | 1,937            | 1.991                      | 0.043                       | 0.556             | 0.662            |
| Make own decisions about sexual relations,<br>contraceptive use, and reproductive care                       | 0.190        | 0.016                     | 1,032             | 1,482            | 1.291                      | 0.083                       | 0.159             | 0.222            |
| Experienced physical violence since age 15 by any<br>perpetrator                                             | 0.122        | 0.021                     | 869               | 1,293            | 1.866                      | 0.170                       | 0.080             | 0.163            |
| Experienced sexual violence by any perpetrator ever                                                          | 0.003        | 0.002                     | 869               | 1,293            | 1.096                      | 0.729                       | 0.000             | 0.006            |
| Experienced sexual violence by any non-intimate partner                                                      | 0.000        | 0.000                     | 869               | 1,293            | na                         | na                          | 0.000             | 0.000            |
| Experienced physical/sexual/emotional violence by<br>current or most recent husband or intimate partner ever | 0.160        | 0.025                     | 768               | 1,072            | 1.864                      | 0.155                       | 0.110             | 0.209            |
| Experienced physical/sexual violence by current or most<br>recent husband or intimate partner ever           | 0.149        | 0.025                     | 768               | 1,072            | 1.915                      | 0.166                       | 0.099             | 0.198            |
| Experienced physical/sexual/emotional violence by any<br>husband or intimate partner in the last 12 months   | 0.142        | 0.026                     | 768               | 1,072            | 2.022                      | 0.180                       | 0.091             | 0.194            |

na = not applicable

**Table C.1 Household age distribution**

Single-year age distribution of the de facto household population by sex (weighted), Tajikistan DHS 2023

| Age | Male   |         | Female |         | Age        | Male   |         | Female |         |
|-----|--------|---------|--------|---------|------------|--------|---------|--------|---------|
|     | Number | Percent | Number | Percent |            | Number | Percent | Number | Percent |
| 0   | 643    | 3.3     | 568    | 2.5     | 42         | 149    | 0.8     | 252    | 1.1     |
| 1   | 518    | 2.6     | 529    | 2.4     | 43         | 180    | 0.9     | 227    | 1.0     |
| 2   | 572    | 2.9     | 459    | 2.0     | 44         | 140    | 0.7     | 235    | 1.0     |
| 3   | 561    | 2.8     | 496    | 2.2     | 45         | 173    | 0.9     | 221    | 1.0     |
| 4   | 530    | 2.7     | 529    | 2.4     | 46         | 157    | 0.8     | 142    | 0.6     |
| 5   | 581    | 2.9     | 526    | 2.3     | 47         | 160    | 0.8     | 192    | 0.9     |
| 6   | 575    | 2.9     | 557    | 2.5     | 48         | 179    | 0.9     | 207    | 0.9     |
| 7   | 602    | 3.0     | 556    | 2.5     | 49         | 142    | 0.7     | 192    | 0.9     |
| 8   | 632    | 3.2     | 661    | 2.9     | 50         | 151    | 0.8     | 306    | 1.4     |
| 9   | 611    | 3.1     | 561    | 2.5     | 51         | 177    | 0.9     | 242    | 1.1     |
| 10  | 572    | 2.9     | 446    | 2.0     | 52         | 165    | 0.8     | 216    | 1.0     |
| 11  | 551    | 2.8     | 504    | 2.2     | 53         | 204    | 1.0     | 244    | 1.1     |
| 12  | 524    | 2.6     | 486    | 2.2     | 54         | 164    | 0.8     | 195    | 0.9     |
| 13  | 557    | 2.8     | 523    | 2.3     | 55         | 177    | 0.9     | 190    | 0.8     |
| 14  | 469    | 2.4     | 488    | 2.2     | 56         | 164    | 0.8     | 168    | 0.8     |
| 15  | 469    | 2.4     | 421    | 1.9     | 57         | 141    | 0.7     | 226    | 1.0     |
| 16  | 412    | 2.1     | 367    | 1.6     | 58         | 161    | 0.8     | 211    | 0.9     |
| 17  | 395    | 2.0     | 347    | 1.5     | 59         | 167    | 0.8     | 203    | 0.9     |
| 18  | 267    | 1.3     | 329    | 1.5     | 60         | 190    | 1.0     | 197    | 0.9     |
| 19  | 197    | 1.0     | 347    | 1.5     | 61         | 146    | 0.7     | 171    | 0.8     |
| 20  | 206    | 1.0     | 339    | 1.5     | 62         | 152    | 0.8     | 177    | 0.8     |
| 21  | 218    | 1.1     | 288    | 1.3     | 63         | 168    | 0.8     | 157    | 0.7     |
| 22  | 192    | 1.0     | 369    | 1.6     | 64         | 138    | 0.7     | 148    | 0.7     |
| 23  | 211    | 1.1     | 374    | 1.7     | 65         | 97     | 0.5     | 171    | 0.8     |
| 24  | 197    | 1.0     | 339    | 1.5     | 66         | 104    | 0.5     | 107    | 0.5     |
| 25  | 183    | 0.9     | 326    | 1.5     | 67         | 106    | 0.5     | 92     | 0.4     |
| 26  | 206    | 1.0     | 305    | 1.4     | 68         | 81     | 0.4     | 97     | 0.4     |
| 27  | 246    | 1.2     | 316    | 1.4     | 69         | 91     | 0.5     | 77     | 0.3     |
| 28  | 243    | 1.2     | 337    | 1.5     | 70         | 72     | 0.4     | 79     | 0.4     |
| 29  | 239    | 1.2     | 348    | 1.5     | 71         | 72     | 0.4     | 95     | 0.4     |
| 30  | 231    | 1.2     | 330    | 1.5     | 72         | 79     | 0.4     | 60     | 0.3     |
| 31  | 238    | 1.2     | 317    | 1.4     | 73         | 76     | 0.4     | 53     | 0.2     |
| 32  | 238    | 1.2     | 328    | 1.5     | 74         | 41     | 0.2     | 31     | 0.1     |
| 33  | 217    | 1.1     | 331    | 1.5     | 75         | 29     | 0.1     | 28     | 0.1     |
| 34  | 234    | 1.2     | 334    | 1.5     | 76         | 32     | 0.2     | 40     | 0.2     |
| 35  | 222    | 1.1     | 277    | 1.2     | 77         | 28     | 0.1     | 20     | 0.1     |
| 36  | 220    | 1.1     | 304    | 1.4     | 78         | 11     | 0.1     | 18     | 0.1     |
| 37  | 237    | 1.2     | 304    | 1.4     | 79         | 12     | 0.1     | 10     | 0.0     |
| 38  | 213    | 1.1     | 299    | 1.3     | 80+        | 138    | 0.7     | 136    | 0.6     |
| 39  | 176    | 0.9     | 315    | 1.4     | Don't know | 0      | 0.0     | 2      | 0.0     |
| 40  | 166    | 0.8     | 226    | 1.0     |            |        |         |        |         |
| 41  | 184    | 0.9     | 212    | 0.9     | Total      | 19,771 | 100.0   | 22,449 | 100.0   |

Note: The de facto population includes all residents and nonresidents who stayed in the household the night before the interview.

**Figure C.1 Population pyramid**

*Percent distribution of the household population*

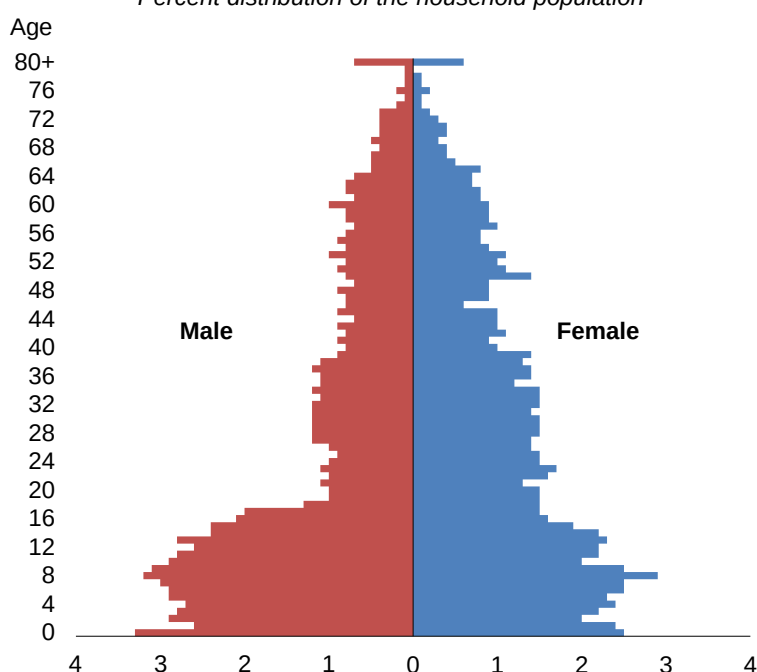


**Table C.2 Age distribution of eligible and interviewed women**

De facto household population of women age 10–54, number and percent distribution of interviewed women age 15–49, and percentage of eligible women who were interviewed (weighted), by 5-year age groups, Tajikistan DHS 2023

| Age group      | Household population of women age 10–54 | Interviewed women age 15–49 |            | Percentage of eligible women interviewed |
|----------------|-----------------------------------------|-----------------------------|------------|------------------------------------------|
|                |                                         | Number                      | Percentage |                                          |
| 10–14          | 2,447                                   | na                          | na         | na                                       |
| 15–19          | 1,810                                   | 1,798                       | 17.4       | 99.4                                     |
| 20–24          | 1,709                                   | 1,694                       | 16.4       | 99.2                                     |
| 25–29          | 1,631                                   | 1,624                       | 15.7       | 99.5                                     |
| 30–34          | 1,639                                   | 1,634                       | 15.8       | 99.7                                     |
| 35–39          | 1,499                                   | 1,492                       | 14.4       | 99.6                                     |
| 40–44          | 1,152                                   | 1,151                       | 11.1       | 99.9                                     |
| 45–49          | 953                                     | 951                         | 9.2        | 99.9                                     |
| 50–54          | 1,204                                   | na                          | na         | na                                       |
| 15–49          | 10,393                                  | 10,345                      | 100.0      | 99.5                                     |
| <b>Ratios</b>  |                                         |                             |            |                                          |
| 10–14 to 15–19 | 135                                     | na                          | na         | na                                       |
| 50–54 to 45–49 | 126                                     | na                          | na         | na                                       |

Note: The de facto population includes all residents and nonresidents who stayed in the household the night before the interview. Weights for both the household population of women and interviewed women are household weights. Age is based on the Household Questionnaire.  
na = not applicable

**Table C.3 Age displacement at age 14/15**

Number of women age 12–18 listed in the household schedule by single-year age and age ratio 15/14, according to region (weighted), Tajikistan DHS 2023

| Region   | Age   |       |     |     |     |     |     | Total age<br>12–18 | Age ratio<br>(age 15/<br>age 14) |
|----------|-------|-------|-----|-----|-----|-----|-----|--------------------|----------------------------------|
|          | 12    | 13    | 14  | 15  | 16  | 17  | 18  |                    |                                  |
| Dushanbe | 113   | 104   | 105 | 84  | 77  | 82  | 74  | 639                | 80.7                             |
| GBAO     | 18    | 14    | 18  | 14  | 14  | 12  | 6   | 97                 | 79.3                             |
| Sughd    | 278   | 267   | 239 | 243 | 187 | 187 | 179 | 1,580              | 101.7                            |
| DRS      | 231   | 288   | 235 | 235 | 217 | 201 | 190 | 1,597              | 99.8                             |
| Khatlon  | 387   | 417   | 369 | 322 | 308 | 306 | 233 | 2,343              | 87.2                             |
| Total    | 1,026 | 1,091 | 966 | 899 | 803 | 789 | 683 | 6,256              | 93.0                             |

**Table C.4 Age displacement at age 49/50**

Number of women age 47–53 listed in the household schedule by single-year age and age ratio 50/49, according to region (weighted), Tajikistan DHS 2023

| Region   | Age |     |     |     |     |     |     | Total age<br>47–53 | Age ratio<br>(age 50/<br>age 49) |
|----------|-----|-----|-----|-----|-----|-----|-----|--------------------|----------------------------------|
|          | 47  | 48  | 49  | 50  | 51  | 52  | 53  |                    |                                  |
| Dushanbe | 40  | 36  | 32  | 46  | 52  | 50  | 43  | 298                | 145.6                            |
| GBAO     | 10  | 9   | 7   | 10  | 13  | 12  | 12  | 72                 | 143.1                            |
| Sughd    | 108 | 140 | 122 | 130 | 136 | 133 | 149 | 917                | 106.9                            |
| DRS      | 106 | 116 | 96  | 146 | 92  | 82  | 105 | 743                | 152.7                            |
| Khatlon  | 140 | 123 | 111 | 180 | 164 | 141 | 177 | 1,035              | 162.6                            |
| Total    | 404 | 424 | 367 | 512 | 455 | 417 | 486 | 3,066              | 139.7                            |

**Table C.5 Pregnancy outcomes by years preceding the survey**

Number of pregnancy outcomes, percentage with year and month of birth given or end of pregnancy given, sex ratio at birth of live births, and ratio by years preceding the survey, according to living children, dead children, stillbirths, miscarriages/abortions, and total pregnancy outcomes (weighted), Tajikistan DHS 2023

| Years preceding survey | Number of pregnancy outcomes |               |             |                        |        | Percentage with year and month of birth given or end of pregnancy given |               |             |                        |       | Sex ratio at birth of live births <sup>1</sup> |               |       | Ratio of years preceding survey <sup>2</sup> |               |             |                        |       |
|------------------------|------------------------------|---------------|-------------|------------------------|--------|-------------------------------------------------------------------------|---------------|-------------|------------------------|-------|------------------------------------------------|---------------|-------|----------------------------------------------|---------------|-------------|------------------------|-------|
|                        | Living children              | Dead children | Stillbirths | Miscarriages/abortions | Total  | Living children                                                         | Dead children | Stillbirths | Miscarriages/abortions | Total | Living children                                | Dead children | Total | Living children                              | Dead children | Stillbirths | Miscarriages/abortions | Total |
| 0                      | 1,170                        | 10            | 7           | 275                    | 1,461  | 100.0                                                                   | 100.0         | 100.0       | 99.0                   | 99.8  | 112.0                                          | 1,405.2       | 113.6 | na                                           | na            | na          | na                     | na    |
| 1                      | 1,006                        | 27            | 4           | 191                    | 1,228  | 100.0                                                                   | 100.0         | 100.0       | 96.9                   | 99.5  | 103.9                                          | 47.7          | 101.9 | 94.6                                         | 179.2         | 51.2        | 88.7                   | 94.3  |
| 2                      | 958                          | 20            | 8           | 157                    | 1,143  | 100.0                                                                   | 100.0         | 100.0       | 96.6                   | 99.5  | 124.0                                          | 170.5         | 124.8 | 95.6                                         | 72.1          | 164.7       | 91.2                   | 94.7  |
| 3                      | 998                          | 29            | 6           | 152                    | 1,185  | 100.0                                                                   | 98.0          | 100.0       | 98.0                   | 99.7  | 108.5                                          | 116.2         | 108.7 | 102.0                                        | 121.6         | 85.7        | 97.8                   | 101.7 |
| 4                      | 1,000                        | 28            | 6           | 155                    | 1,188  | 100.0                                                                   | 100.0         | 100.0       | 95.9                   | 99.5  | 102.4                                          | 124.7         | 103.0 | 96.9                                         | 121.8         | 72.4        | 95.7                   | 97.1  |
| 5                      | 1,065                        | 16            | 10          | 171                    | 1,263  | 100.0                                                                   | 100.0         | 100.0       | 90.3                   | 98.7  | 109.1                                          | 52.4          | 107.9 | 105.2                                        | 66.9          | 94.8        | 101.7                  | 103.9 |
| 6                      | 1,025                        | 21            | 16          | 181                    | 1,243  | 99.7                                                                    | 99.1          | 100.0       | 90.0                   | 98.3  | 102.7                                          | 145.9         | 103.4 | 96.4                                         | 101.1         | 169.3       | 119.1                  | 99.8  |
| 7                      | 1,062                        | 26            | 8           | 133                    | 1,229  | 99.9                                                                    | 95.7          | 77.6        | 91.0                   | 98.7  | 109.3                                          | 255.5         | 111.4 | 95.5                                         | 88.9          | 70.7        | 89.3                   | 94.4  |
| 8                      | 1,199                        | 36            | 8           | 117                    | 1,360  | 99.7                                                                    | 94.8          | 100.0       | 90.9                   | 98.8  | 94.8                                           | 291.4         | 97.7  | 112.5                                        | 147.1         | 136.7       | 89.1                   | 110.8 |
| 9                      | 1,070                        | 24            | 3           | 130                    | 1,227  | 99.7                                                                    | 100.0         | 100.0       | 88.3                   | 98.5  | 111.6                                          | 119.6         | 111.8 | 102.5                                        | 73.6          | 47.8        | 110.6                  | 102.2 |
| 0-4                    | 5,132                        | 114           | 30          | 929                    | 6,206  | 100.0                                                                   | 99.5          | 100.0       | 97.5                   | 99.6  | 109.8                                          | 118.2         | 110.0 | na                                           | na            | na          | na                     | na    |
| 5-9                    | 5,420                        | 124           | 45          | 733                    | 6,322  | 99.8                                                                    | 97.4          | 95.9        | 90.1                   | 98.6  | 105.0                                          | 164.0         | 106.1 | na                                           | na            | na          | na                     | na    |
| 10-14                  | 4,417                        | 129           | 36          | 420                    | 5,003  | 99.9                                                                    | 92.5          | 96.0        | 89.4                   | 98.8  | 110.4                                          | 128.5         | 110.8 | na                                           | na            | na          | na                     | na    |
| 15-19                  | 2,821                        | 98            | 20          | 219                    | 3,158  | 99.7                                                                    | 95.8          | 91.0        | 86.5                   | 98.6  | 114.4                                          | 132.4         | 115.0 | na                                           | na            | na          | na                     | na    |
| 20+                    | 2,470                        | 165           | 10          | 128                    | 2,772  | 99.7                                                                    | 94.7          | 100.0       | 88.5                   | 98.9  | 122.9                                          | 148.8         | 124.4 | na                                           | na            | na          | na                     | na    |
| All                    | 20,260                       | 630           | 141         | 2,429                  | 23,461 | 99.9                                                                    | 95.8          | 96.4        | 92.4                   | 99.0  | 110.8                                          | 138.5         | 111.5 | na                                           | na            | na          | na                     | na    |

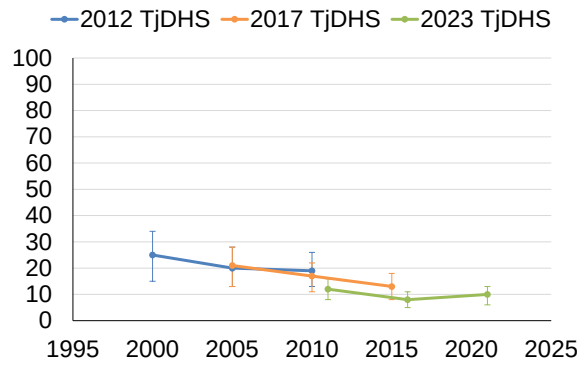
na = not applicable

<sup>1</sup>  $(B_m/B_f) \times 100$ , where  $B_m$  and  $B_f$  are the numbers of male and female births, respectively

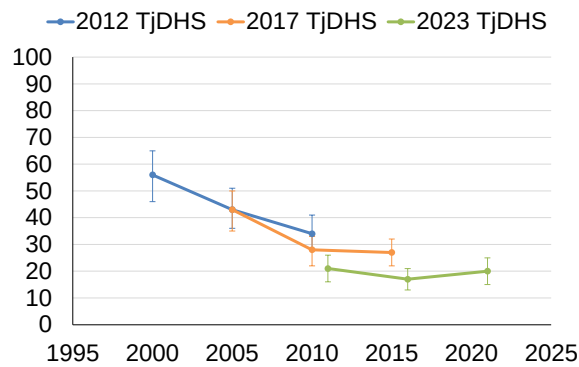
<sup>2</sup>  $[2P_x / (P_{x-1} + P_{x+1})] \times 100$ , where  $P_x$  is the number of pregnancy outcomes in year  $x$  preceding the survey

### Figure C.2 Five-year mortality rates

Neonatal mortality rates for the 5-year periods preceding the 2023, 2017, and 2012 TjDHS



Infant mortality rates for the 5-year periods preceding the 2023, 2017, and 2012 TjDHS



Under-5 mortality rates for the 5-year periods preceding the 2023, 2017, and 2012 TjDHS

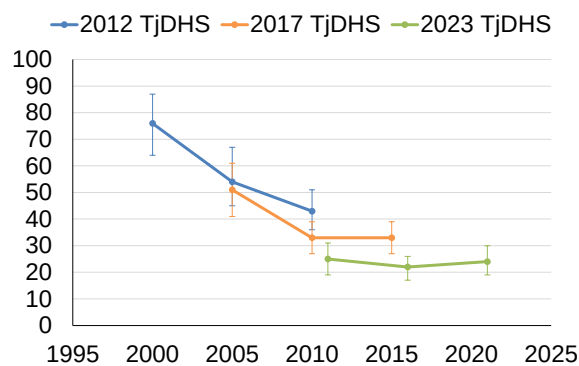


**Table C.6 Completeness of reporting**

Percentage of observations missing information for selected demographic and health questions (weighted), Tajikistan DHS 2023

| Subject                                                 | Percentage with information missing | Number of cases |
|---------------------------------------------------------|-------------------------------------|-----------------|
| <b>Date of live birth or stillbirth (past 15 years)</b> |                                     |                 |
| Missing day only                                        | 0.21                                | 15,448          |
| Missing month but year reported                         | 0.20                                | 15,448          |
| Missing year                                            | 0.01                                | 15,448          |
| <b>Date of live birth or stillbirth (past 5 years)</b>  |                                     |                 |
| Missing day only                                        | 0.07                                | 5,276           |
| Missing month but year reported                         | 0.01                                | 5,276           |
| <b>Date of birth of women</b>                           |                                     |                 |
| Missing month but year reported                         | 0.00                                | 9,879           |
| <b>Diarrhea in past 2 weeks</b>                         | 0.19                                | 5,107           |
| <b>Anthropometry of children</b>                        |                                     |                 |
| Height                                                  | 1.59                                | 5,437           |
| Weight                                                  | 1.59                                | 5,437           |
| Height or weight                                        | 1.59                                | 5,437           |
| <b>Anthropometry of women</b>                           |                                     |                 |
| Height                                                  | 1.01                                | 10,391          |
| Weight                                                  | 1.01                                | 10,391          |
| Height or weight                                        | 1.01                                | 10,391          |
| <b>Anemia</b>                                           |                                     |                 |
| Children                                                | 3.93                                | 4,813           |
| Women                                                   | 3.52                                | 10,391          |

**Table C.7 Standardization exercise results from anthropometry training**

Trainees' precision and accuracy for height measurements taken during the standardization exercise for anthropometry, Tajikistan DHS 2023

| Measurer   | Standardization exercise <sup>1</sup> |                                 | Restandardization exercise <sup>1</sup> |                                 |
|------------|---------------------------------------|---------------------------------|-----------------------------------------|---------------------------------|
|            | Trainees' precision <sup>2</sup>      | Trainees' accuracy <sup>2</sup> | Trainees' precision <sup>2</sup>        | Trainees' accuracy <sup>2</sup> |
| Trainee 1  | 0.34                                  | 0.58                            |                                         |                                 |
| Trainee 2  | 0.23                                  | 0.35                            |                                         |                                 |
| Trainee 3  | 0.28                                  | 0.52                            |                                         |                                 |
| Trainee 4  | 0.41                                  | 0.34                            |                                         |                                 |
| Trainee 5  | 0.32                                  | 0.25                            |                                         |                                 |
| Trainee 6  | 0.32                                  | 0.51                            |                                         |                                 |
| Trainee 7  | 0.16                                  | 0.53                            |                                         |                                 |
| Trainee 8  | 0.66                                  | 0.47                            | 0.40                                    | 0.48                            |
| Trainee 9  | 0.46                                  | 0.40                            |                                         |                                 |
| Trainee 10 | 0.37                                  | 0.35                            |                                         |                                 |
| Trainee 11 | 0.64                                  | 0.32                            | 0.51                                    | 0.34                            |
| Trainee 12 | 0.51                                  | 0.50                            |                                         |                                 |
| Trainee 13 | 0.22                                  | 0.35                            |                                         |                                 |
| Trainee 14 | 0.25                                  | 0.27                            |                                         |                                 |
| Trainee 15 | 0.65                                  | 0.49                            | 0.26                                    | 0.42                            |
| Trainee 16 | 0.43                                  | 0.21                            |                                         |                                 |
| Trainee 17 | 0.37                                  | 0.28                            |                                         |                                 |
| Trainee 18 | 0.31                                  | 0.29                            |                                         |                                 |
| Trainee 19 | 0.67                                  | 0.46                            | 0.26                                    | 0.38                            |
| Trainee 20 | 0.63                                  | 0.36                            | 0.30                                    | 1.18                            |
| Trainee 21 | 2.03                                  | 1.05                            | 0.48                                    | 0.43                            |
| Trainee 22 | 0.53                                  | 0.48                            |                                         |                                 |
| Trainee 23 | 1.31                                  | 0.84                            | 0.17                                    | 0.37                            |
| Trainee 24 | 0.64                                  | 0.40                            | 0.32                                    | 0.33                            |
| Trainee 25 | 1.24                                  | 0.35                            | 0.37                                    | 0.62                            |
| Trainee 26 | 0.60                                  | 0.58                            |                                         |                                 |
| Trainee 27 | 0.45                                  | 0.33                            |                                         |                                 |
| Trainee 28 | 0.26                                  | 0.32                            |                                         |                                 |
| Trainee 29 | 0.37                                  | 0.58                            |                                         |                                 |
| Trainee 30 | 2.48                                  | 0.90                            | 0.39                                    | 0.39                            |
| Trainee 31 | 0.41                                  | 0.40                            |                                         |                                 |
| Trainee 32 | 0.40                                  | 0.36                            |                                         |                                 |
| Trainee 33 | 0.57                                  | 0.73                            |                                         |                                 |
| Trainee 34 | 0.52                                  | 0.55                            |                                         |                                 |
| Trainee 35 | 0.54                                  | 0.30                            |                                         |                                 |
| Average    | 0.59                                  | 0.46                            | 0.35                                    | 0.49                            |

na = not applicable

<sup>1</sup> Ten children were measured twice for each of the four standardization/restandardization exercises.

<sup>2</sup> Trainees' precision and accuracy are defined in terms of a technical error of measurement (TEM), which is calculated as  $\sqrt{\sum(D^2)/(2N)}$ , where D is the difference in height and N is the number of repeat measurements. An acceptable TEM according to WHO-UNICEF is a TEM of <0.6 cm for precision and <0.8 cm for accuracy.



**Table C.8 Height and weight data completeness and quality for children**

Among children under age 5 who were eligible for anthropometry, percentage with incomplete or missing data for height and weight; among children with complete data on height and age, percentage with implausible data for height-for-age; among children with complete data on weight and height, percentage with implausible data for weight-for-height; among children with complete data on weight and age, percentage with implausible data for weight-for-age; and among all children under age 5 who were eligible for anthropometry, percentage with valid data for height-for-age, weight-for-height, and weight-for-age, according to background characteristics (unweighted), Tajikistan DHS 2023

| Background characteristic                             | Percentage with data incomplete or missing for: |                     |                    | Percentage with implausible data for: |                                                              |                                |                                                    |                             |                                                              | Percentage with valid data for <sup>7</sup> : |                   |                |                    |
|-------------------------------------------------------|-------------------------------------------------|---------------------|--------------------|---------------------------------------|--------------------------------------------------------------|--------------------------------|----------------------------------------------------|-----------------------------|--------------------------------------------------------------|-----------------------------------------------|-------------------|----------------|--------------------|
|                                                       | Height <sup>1</sup>                             | Weight <sup>2</sup> | Number of children | Height-for-age <sup>3</sup>           | Number of children with complete height and age <sup>4</sup> | Weight-for-height <sup>5</sup> | Number of children with complete weight and height | Weight-for-age <sup>6</sup> | Number of children with complete weight and age <sup>4</sup> | Height-for-age                                | Weight-for-height | Weight-for-age | Number of children |
| <b>Age in months</b>                                  |                                                 |                     |                    |                                       |                                                              |                                |                                                    |                             |                                                              |                                               |                   |                |                    |
| <6                                                    | 2.7                                             | 2.7                 | 595                | 2.1                                   | 579                                                          | 1.2                            | 579                                                | 0.3                         | 579                                                          | 95.3                                          | 96.1              | 97.0           | 595                |
| 6–11                                                  | 2.6                                             | 2.6                 | 544                | 0.6                                   | 530                                                          | 0.8                            | 530                                                | 0.2                         | 530                                                          | 96.9                                          | 96.7              | 97.2           | 544                |
| 12–23                                                 | 1.8                                             | 1.8                 | 981                | 1.0                                   | 963                                                          | 0.4                            | 963                                                | 0.0                         | 963                                                          | 97.1                                          | 97.8              | 98.2           | 981                |
| 24–35                                                 | 1.7                                             | 1.7                 | 942                | 0.9                                   | 926                                                          | 0.8                            | 926                                                | 0.1                         | 926                                                          | 97.5                                          | 97.6              | 98.2           | 942                |
| 36–47                                                 | 0.5                                             | 0.5                 | 1,000              | 0.3                                   | 995                                                          | 0.6                            | 995                                                | 0.0                         | 995                                                          | 99.2                                          | 98.9              | 99.5           | 1,000              |
| 48–59                                                 | 1.4                                             | 1.4                 | 978                | 0.7                                   | 964                                                          | 1.6                            | 964                                                | 0.0                         | 964                                                          | 97.9                                          | 97.0              | 98.6           | 978                |
| 0–23                                                  | 2.3                                             | 2.3                 | 2,120              | 1.2                                   | 2,072                                                        | 0.7                            | 2,072                                              | 0.1                         | 2,072                                                        | 96.6                                          | 97.0              | 97.6           | 2,120              |
| 24–59                                                 | 1.2                                             | 1.2                 | 2,920              | 0.6                                   | 2,885                                                        | 1.0                            | 2,885                                              | 0.0                         | 2,885                                                        | 98.2                                          | 97.8              | 98.8           | 2,920              |
| <b>Sex</b>                                            |                                                 |                     |                    |                                       |                                                              |                                |                                                    |                             |                                                              |                                               |                   |                |                    |
| Male                                                  | 1.6                                             | 1.6                 | 2,634              | 0.6                                   | 2,593                                                        | 0.8                            | 2,593                                              | 0.1                         | 2,593                                                        | 97.8                                          | 97.6              | 98.3           | 2,634              |
| Female                                                | 1.7                                             | 1.7                 | 2,406              | 1.1                                   | 2,364                                                        | 0.9                            | 2,364                                              | 0.0                         | 2,364                                                        | 97.1                                          | 97.4              | 98.2           | 2,406              |
| <b>Mother's interview status</b>                      |                                                 |                     |                    |                                       |                                                              |                                |                                                    |                             |                                                              |                                               |                   |                |                    |
| Interviewed                                           | 1.4                                             | 1.4                 | 4,922              | 0.9                                   | 4,854                                                        | 0.9                            | 4,854                                              | 0.1                         | 4,854                                                        | 97.7                                          | 97.8              | 98.5           | 4,922              |
| Not interviewed but in household                      | 19.6                                            | 19.6                | 56                 | 0.0                                   | 45                                                           | 2.2                            | 45                                                 | 0.0                         | 45                                                           | 80.4                                          | 78.6              | 80.4           | 56                 |
| Not interviewed and not in the household <sup>8</sup> | 6.5                                             | 6.5                 | 62                 | 0.0                                   | 58                                                           | 0.0                            | 58                                                 | 0.0                         | 58                                                           | 93.5                                          | 93.5              | 93.5           | 62                 |
| <b>Residence</b>                                      |                                                 |                     |                    |                                       |                                                              |                                |                                                    |                             |                                                              |                                               |                   |                |                    |
| Urban                                                 | 2.4                                             | 2.4                 | 2,007              | 0.5                                   | 1,959                                                        | 0.4                            | 1,959                                              | 0.0                         | 1,959                                                        | 97.1                                          | 97.2              | 97.6           | 2,007              |
| Rural                                                 | 1.2                                             | 1.2                 | 3,033              | 1.1                                   | 2,998                                                        | 1.2                            | 2,998                                              | 0.1                         | 2,998                                                        | 97.8                                          | 97.7              | 98.7           | 3,033              |
| <b>Region</b>                                         |                                                 |                     |                    |                                       |                                                              |                                |                                                    |                             |                                                              |                                               |                   |                |                    |
| Dushanbe                                              | 1.7                                             | 1.7                 | 974                | 0.2                                   | 957                                                          | 0.1                            | 957                                                | 0.0                         | 957                                                          | 98.0                                          | 98.2              | 98.3           | 974                |
| GBAO                                                  | 0.5                                             | 0.5                 | 375                | 1.1                                   | 373                                                          | 0.8                            | 373                                                | 0.0                         | 373                                                          | 98.4                                          | 98.7              | 99.5           | 375                |
| Sughd                                                 | 1.2                                             | 1.2                 | 1,054              | 0.1                                   | 1,041                                                        | 0.4                            | 1,041                                              | 0.0                         | 1,041                                                        | 98.7                                          | 98.4              | 98.8           | 1,054              |
| DRS                                                   | 2.8                                             | 2.8                 | 1,187              | 1.1                                   | 1,154                                                        | 0.9                            | 1,154                                              | 0.2                         | 1,154                                                        | 96.1                                          | 96.4              | 97.1           | 1,187              |
| Khatlon                                               | 1.2                                             | 1.2                 | 1,450              | 1.6                                   | 1,432                                                        | 1.7                            | 1,432                                              | 0.1                         | 1,432                                                        | 97.2                                          | 97.0              | 98.6           | 1,450              |
| <b>FTF districts</b>                                  | 0.2                                             | 0.2                 | 826                | 2.2                                   | 824                                                          | 2.3                            | 824                                                | 0.2                         | 824                                                          | 97.6                                          | 97.5              | 99.5           | 826                |
| <b>Mother's education<sup>9</sup></b>                 |                                                 |                     |                    |                                       |                                                              |                                |                                                    |                             |                                                              |                                               |                   |                |                    |
| None/primary                                          | 1.5                                             | 1.5                 | 1,706              | 0.9                                   | 1,681                                                        | 0.9                            | 1,681                                              | 0.1                         | 1,681                                                        | 97.7                                          | 97.7              | 98.5           | 1,706              |
| General basic                                         | 1.4                                             | 1.4                 | 2,042              | 0.9                                   | 2,013                                                        | 0.9                            | 2,013                                              | 0.1                         | 2,013                                                        | 97.7                                          | 97.6              | 98.5           | 2,042              |
| General secondary                                     | 1.3                                             | 1.3                 | 463                | 0.2                                   | 457                                                          | 1.3                            | 457                                                | 0.0                         | 457                                                          | 98.5                                          | 97.4              | 98.7           | 463                |
| Professional                                          | 2.4                                             | 2.4                 | 760                | 1.2                                   | 742                                                          | 0.4                            | 742                                                | 0.1                         | 742                                                          | 96.4                                          | 97.2              | 97.5           | 760                |
| primary/middle                                        |                                                 |                     |                    |                                       |                                                              |                                |                                                    |                             |                                                              |                                               |                   |                |                    |
| Higher                                                | 14.3                                            | 14.3                | 7                  | 0.0                                   | 6                                                            | 0.0                            | 6                                                  | 0.0                         | 6                                                            | 85.7                                          | 85.7              | 85.7           | 7                  |
| <b>Measurer</b>                                       |                                                 |                     |                    |                                       |                                                              |                                |                                                    |                             |                                                              |                                               |                   |                |                    |
| Measurer 1, team 1                                    | 1.9                                             | 1.9                 | 107                | 0.0                                   | 105                                                          | 1.9                            | 105                                                | 0.0                         | 105                                                          | 98.1                                          | 96.3              | 98.1           | 107                |
| Measurer 2, team 1                                    | 0.0                                             | 0.0                 | 67                 | 4.5                                   | 67                                                           | 1.5                            | 67                                                 | 0.0                         | 67                                                           | 95.5                                          | 98.5              | 100.0          | 67                 |
| Measurer 1, team 2                                    | 0.0                                             | 0.0                 | 108                | 0.9                                   | 108                                                          | 0.0                            | 108                                                | 0.0                         | 108                                                          | 99.1                                          | 100.0             | 100.0          | 108                |
| Measurer 2, team 2                                    | 0.0                                             | 0.0                 | 93                 | 0.0                                   | 93                                                           | 0.0                            | 93                                                 | 0.0                         | 93                                                           | 100.0                                         | 100.0             | 100.0          | 93                 |
| Measurer 1, team 3                                    | 0.5                                             | 0.5                 | 194                | 0.0                                   | 193                                                          | 0.0                            | 193                                                | 0.0                         | 193                                                          | 99.5                                          | 99.5              | 99.5           | 194                |
| Measurer 2, team 3                                    | 0.0                                             | 0.0                 | 111                | 0.0                                   | 111                                                          | 0.9                            | 111                                                | 0.0                         | 111                                                          | 100.0                                         | 99.1              | 100.0          | 111                |
| Measurer 1, team 4                                    | 0.8                                             | 0.8                 | 247                | 0.4                                   | 245                                                          | 0.0                            | 245                                                | 0.0                         | 245                                                          | 98.8                                          | 99.2              | 99.2           | 247                |
| Measurer 2, team 4                                    | 0.0                                             | 0.0                 | 27                 | 0.0                                   | 27                                                           | 0.0                            | 27                                                 | 0.0                         | 27                                                           | 100.0                                         | 100.0             | 100.0          | 27                 |
| Measurer 1, team 5                                    | 5.3                                             | 5.3                 | 247                | 0.4                                   | 234                                                          | 0.0                            | 234                                                | 0.0                         | 234                                                          | 94.3                                          | 94.7              | 94.7           | 247                |
| Measurer 2, team 5                                    | 0.7                                             | 0.7                 | 148                | 0.0                                   | 147                                                          | 0.0                            | 147                                                | 0.0                         | 147                                                          | 99.3                                          | 99.3              | 99.3           | 148                |
| Measurer 1, team 6                                    | 1.7                                             | 1.7                 | 412                | 0.0                                   | 405                                                          | 0.2                            | 405                                                | 0.0                         | 405                                                          | 98.3                                          | 98.1              | 98.3           | 412                |
| Measurer 2, team 6                                    | 0.0                                             | 0.0                 | 106                | 0.0                                   | 106                                                          | 0.0                            | 106                                                | 0.0                         | 106                                                          | 100.0                                         | 100.0             | 100.0          | 106                |
| Measurer 1, team 7                                    | 1.8                                             | 1.8                 | 327                | 1.9                                   | 321                                                          | 2.2                            | 321                                                | 0.3                         | 321                                                          | 96.3                                          | 96.0              | 97.9           | 327                |
| Measurer 2, team 7                                    | 0.0                                             | 0.0                 | 3                  | 0.0                                   | 3                                                            | 0.0                            | 3                                                  | 0.0                         | 3                                                            | 100.0                                         | 100.0             | 100.0          | 3                  |
| Measurer 1, team 8                                    | 1.1                                             | 1.1                 | 280                | 2.2                                   | 277                                                          | 2.2                            | 277                                                | 0.4                         | 277                                                          | 96.8                                          | 96.8              | 98.6           | 280                |
| Measurer 2, team 8                                    | 0.6                                             | 0.6                 | 167                | 4.8                                   | 166                                                          | 6.0                            | 166                                                | 0.0                         | 166                                                          | 94.6                                          | 93.4              | 99.4           | 167                |
| Measurer 1, team 9                                    | 0.0                                             | 0.0                 | 100                | 2.0                                   | 100                                                          | 1.0                            | 100                                                | 0.0                         | 100                                                          | 98.0                                          | 99.0              | 100.0          | 100                |
| Measurer 2, team 9                                    | 0.0                                             | 0.0                 | 54                 | 1.9                                   | 54                                                           | 0.0                            | 54                                                 | 0.0                         | 54                                                           | 98.1                                          | 100.0             | 100.0          | 54                 |

Continued...

Table C.8—Continued

| Background characteristic | Percentage with data incomplete or missing for: |                     |                    | Percentage with implausible data for: |                                                              |                                |                                                    |                             |                                                              | Percentage with valid data for <sup>7</sup> : |                   |                |                    |
|---------------------------|-------------------------------------------------|---------------------|--------------------|---------------------------------------|--------------------------------------------------------------|--------------------------------|----------------------------------------------------|-----------------------------|--------------------------------------------------------------|-----------------------------------------------|-------------------|----------------|--------------------|
|                           | Height <sup>1</sup>                             | Weight <sup>2</sup> | Number of children | Height-for-age <sup>3</sup>           | Number of children with complete height and age <sup>4</sup> | Weight-for-height <sup>5</sup> | Number of children with complete weight and height | Weight-for-age <sup>6</sup> | Number of children with complete weight and age <sup>4</sup> | Height-for-age                                | Weight-for-height | Weight-for-age | Number of children |
| Measurer 1, team 10       | 1.3                                             | 1.3                 | 223                | 0.9                                   | 220                                                          | 0.5                            | 220                                                | 0.0                         | 220                                                          | 97.8                                          | 98.2              | 98.7           | 223                |
| Measurer 2, team 10       | 2.4                                             | 2.4                 | 253                | 0.8                                   | 247                                                          | 0.8                            | 247                                                | 0.0                         | 247                                                          | 96.8                                          | 96.8              | 97.6           | 253                |
| Measurer 1, team 11       | 7.6                                             | 7.6                 | 145                | 4.5                                   | 134                                                          | 3.0                            | 134                                                | 0.0                         | 134                                                          | 88.3                                          | 89.7              | 92.4           | 145                |
| Measurer 2, team 11       | 2.1                                             | 2.1                 | 47                 | 4.3                                   | 46                                                           | 2.2                            | 46                                                 | 2.2                         | 46                                                           | 93.6                                          | 95.7              | 95.7           | 47                 |
| Measurer 1, team 12       | 2.1                                             | 2.1                 | 341                | 0.0                                   | 334                                                          | 0.3                            | 334                                                | 0.3                         | 334                                                          | 97.9                                          | 97.7              | 97.7           | 341                |
| Measurer 2, team 12       | 0.0                                             | 0.0                 | 173                | 0.6                                   | 173                                                          | 0.6                            | 173                                                | 0.0                         | 173                                                          | 99.4                                          | 99.4              | 100.0          | 173                |
| Measurer 1, team 13       | 2.2                                             | 2.2                 | 267                | 0.4                                   | 261                                                          | 0.4                            | 261                                                | 0.0                         | 261                                                          | 97.4                                          | 97.4              | 97.8           | 267                |
| Measurer 2, team 13       | 1.6                                             | 1.6                 | 62                 | 0.0                                   | 61                                                           | 1.6                            | 61                                                 | 0.0                         | 61                                                           | 98.4                                          | 96.8              | 98.4           | 62                 |
| Measurer 1, team 14       | 0.5                                             | 0.5                 | 193                | 0.0                                   | 192                                                          | 0.0                            | 192                                                | 0.0                         | 192                                                          | 99.5                                          | 99.5              | 99.5           | 193                |
| Measurer 2, team 14       | 2.0                                             | 2.0                 | 150                | 0.0                                   | 147                                                          | 0.7                            | 147                                                | 0.0                         | 147                                                          | 98.0                                          | 97.3              | 98.0           | 150                |
| Measurer 1, team 15       | 0.9                                             | 0.9                 | 230                | 0.0                                   | 228                                                          | 0.0                            | 228                                                | 0.0                         | 228                                                          | 99.1                                          | 99.1              | 99.1           | 230                |
| Measurer 2, team 15       | 0.0                                             | 0.0                 | 152                | 0.0                                   | 152                                                          | 0.7                            | 152                                                | 0.0                         | 152                                                          | 100.0                                         | 99.3              | 100.0          | 152                |
| Missing                   | 100.0                                           | 100.0               | 6                  | -                                     | 0                                                            | -                              | 0                                                  | -                           | 0                                                            | 0.0                                           | 0.0               | 0.0            | 6                  |
| Total                     | 1.6                                             | 1.6                 | 5,040              | 0.9                                   | 4,957                                                        | 0.9                            | 4,957                                              | 0.1                         | 4,957                                                        | 97.5                                          | 97.5              | 98.3           | 5,040              |

<sup>1</sup> Child's height in centimeters is missing, child was not present, measurement of child was refused, and "other" result codes

<sup>2</sup> Child's weight in kilograms is missing, child was not present, measurement of child was refused, and "other" result codes

<sup>3</sup> Implausible cases for height-for-age are defined as more than 6 standard deviations (SD) above or below the standard population median (z scores) based on the WHO Child Growth Standards among children with complete height and month/year of birth data.

<sup>4</sup> Complete age is calculated from month and year of birth.

<sup>5</sup> Implausible cases for weight-for-height are defined as more than 5 SD above or below the standard population median (z scores) based on the WHO Child Growth Standards among children with complete weight and height data.

<sup>6</sup> Implausible cases for weight-for-age are defined as more than 5 SD above or 6 SD below the standard population median (z scores) based on the WHO Child Growth Standards among children with complete weight and month/year of birth data.

<sup>7</sup> No missing data, incomplete data, or implausible data

<sup>8</sup> Includes children whose mothers are deceased

<sup>9</sup> For women who are not interviewed, information is taken from the Household Questionnaire. Excludes children whose mothers are not listed in the Household Questionnaire

**Table C.9 Height measurements from random subsample of measured children**

Differences in first height measurement and second height measurement among children under age 5 randomly selected and remeasured, according to region and measurer (unweighted), Tajikistan DHS 2023

| Region and measurer  | Median difference in height measurements <sup>1</sup> | Percentage of height measurements with a difference >1 cm | Number of children randomly selected and remeasured |
|----------------------|-------------------------------------------------------|-----------------------------------------------------------|-----------------------------------------------------|
| <b>Region</b>        |                                                       |                                                           |                                                     |
| Dushanbe             | 0.154                                                 | 4.2                                                       | 144                                                 |
| GBAO                 | 0.116                                                 | 2.5                                                       | 79                                                  |
| Sughd                | 0.119                                                 | 4.0                                                       | 151                                                 |
| DRS                  | 0.198                                                 | 18.3                                                      | 142                                                 |
| Khatlon              | 0.131                                                 | 18.7                                                      | 171                                                 |
| <b>FTF districts</b> | 0.119                                                 | 14.3                                                      | 84                                                  |
| <b>Measurer</b>      |                                                       |                                                           |                                                     |
| Measurer 1, team 1   | 0.063                                                 | 5.3                                                       | 19                                                  |
| Measurer 2, team 1   | 0.100                                                 | 5.3                                                       | 19                                                  |
| Measurer 1, team 2   | 0.075                                                 | 0.0                                                       | 24                                                  |
| Measurer 2, team 2   | 0.191                                                 | 0.0                                                       | 17                                                  |
| Measurer 1, team 3   | 0.192                                                 | 6.5                                                       | 31                                                  |
| Measurer 2, team 3   | 0.250                                                 | 16.7                                                      | 18                                                  |
| Measurer 1, team 4   | 0.105                                                 | 2.4                                                       | 42                                                  |
| Measurer 2, team 4   | *                                                     | *                                                         | 3                                                   |
| Measurer 1, team 5   | 0.168                                                 | 0.0                                                       | 32                                                  |
| Measurer 2, team 5   | 0.170                                                 | 0.0                                                       | 18                                                  |
| Measurer 1, team 6   | 0.090                                                 | 15.8                                                      | 38                                                  |
| Measurer 2, team 6   | 0.000                                                 | 10.0                                                      | 10                                                  |
| Measurer 1, team 7   | 0.092                                                 | 16.7                                                      | 42                                                  |
| Measurer 2, team 7   | *                                                     | *                                                         | 2                                                   |
| Measurer 1, team 8   | 0.225                                                 | 25.8                                                      | 31                                                  |
| Measurer 2, team 8   | 0.100                                                 | 6.3                                                       | 16                                                  |
| Measurer 1, team 9   | 0.188                                                 | 28.0                                                      | 25                                                  |
| Measurer 2, team 9   | *                                                     | *                                                         | 7                                                   |
| Measurer 1, team 10  | 0.129                                                 | 26.1                                                      | 23                                                  |
| Measurer 2, team 10  | 0.000                                                 | 22.7                                                      | 22                                                  |
| Measurer 1, team 11  | 0.217                                                 | 16.7                                                      | 36                                                  |
| Measurer 2, team 11  | *                                                     | *                                                         | 9                                                   |
| Measurer 1, team 12  | 0.221                                                 | 14.7                                                      | 34                                                  |
| Measurer 2, team 12  | 0.264                                                 | 16.7                                                      | 18                                                  |
| Measurer 1, team 13  | 0.115                                                 | 2.4                                                       | 42                                                  |
| Measurer 2, team 13  | *                                                     | *                                                         | 9                                                   |
| Measurer 1, team 14  | 0.000                                                 | 0.0                                                       | 24                                                  |
| Measurer 2, team 14  | 0.000                                                 | 0.0                                                       | 24                                                  |
| Measurer 1, team 15  | 0.313                                                 | 12.9                                                      | 31                                                  |
| Measurer 2, team 15  | 0.243                                                 | 4.8                                                       | 21                                                  |
| <b>Total</b>         | 0.144                                                 | 10.5                                                      | 687                                                 |

Note: An asterisk indicates that a figure is based on fewer than 10 children, which is the minimum number of children needed to calculate the technical error of measurement.

<sup>1</sup> Median absolute difference between measurers' first and second height measurements in centimeters

**Table C.10 Interference in height and weight measurements of children**

Among children under age 5 measured for height or weight, percentage for whom hairstyle or ornamentation interfered with height measurement and percentage who were not minimally dressed or who wore heavy permanent ornaments during weight measurement, according to background characteristics (unweighted), Tajikistan DHS 2023

| Background characteristic | Percentage of children for whom hairstyle or ornamentation interfered with height measurement | Percentage of children who were not minimally dressed or who wore heavy permanent ornaments during weight measurement | Number of children |
|---------------------------|-----------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------|--------------------|
| <b>Age in months</b>      |                                                                                               |                                                                                                                       |                    |
| <6                        | 1.8                                                                                           | 5.9                                                                                                                   | 595                |
| 6–11                      | 3.5                                                                                           | 6.1                                                                                                                   | 544                |
| 12–23                     | 3.2                                                                                           | 5.0                                                                                                                   | 981                |
| 24–35                     | 3.4                                                                                           | 5.3                                                                                                                   | 942                |
| 36–47                     | 2.8                                                                                           | 3.7                                                                                                                   | 1,000              |
| 48–59                     | 3.1                                                                                           | 4.4                                                                                                                   | 978                |
| 0–23                      | 2.9                                                                                           | 5.5                                                                                                                   | 2,120              |
| 24–59                     | 3.1                                                                                           | 4.5                                                                                                                   | 2,920              |
| <b>Sex</b>                |                                                                                               |                                                                                                                       |                    |
| Male                      | 2.6                                                                                           | 4.9                                                                                                                   | 2,634              |
| Female                    | 3.4                                                                                           | 4.9                                                                                                                   | 2,406              |
| <b>Residence</b>          |                                                                                               |                                                                                                                       |                    |
| Urban                     | 1.7                                                                                           | 5.6                                                                                                                   | 2,007              |
| Rural                     | 3.8                                                                                           | 4.4                                                                                                                   | 3,033              |
| <b>Region</b>             |                                                                                               |                                                                                                                       |                    |
| Dushanbe                  | 1.2                                                                                           | 5.6                                                                                                                   | 974                |
| GBAO                      | 0.8                                                                                           | 1.9                                                                                                                   | 375                |
| Sughd                     | 1.3                                                                                           | 11.5                                                                                                                  | 1,054              |
| DRS                       | 7.0                                                                                           | 4.4                                                                                                                   | 1,187              |
| Khatlon                   | 2.7                                                                                           | 0.8                                                                                                                   | 1,450              |
| <b>FTF districts</b>      | 3.1                                                                                           | 0.8                                                                                                                   | 826                |
| <b>Measurer</b>           |                                                                                               |                                                                                                                       |                    |
| Measurer 1, team 1        | 0.9                                                                                           | 2.8                                                                                                                   | 107                |
| Measurer 2, team 1        | 1.5                                                                                           | 4.5                                                                                                                   | 67                 |
| Measurer 1, team 2        | 0.9                                                                                           | 0.0                                                                                                                   | 108                |
| Measurer 2, team 2        | 0.0                                                                                           | 1.1                                                                                                                   | 93                 |
| Measurer 1, team 3        | 1.0                                                                                           | 0.0                                                                                                                   | 194                |
| Measurer 2, team 3        | 0.0                                                                                           | 0.9                                                                                                                   | 111                |
| Measurer 1, team 4        | 0.8                                                                                           | 0.0                                                                                                                   | 247                |
| Measurer 2, team 4        | 7.4                                                                                           | 0.0                                                                                                                   | 27                 |
| Measurer 1, team 5        | 2.4                                                                                           | 13.0                                                                                                                  | 247                |
| Measurer 2, team 5        | 0.0                                                                                           | 14.9                                                                                                                  | 148                |
| Measurer 1, team 6        | 1.2                                                                                           | 0.2                                                                                                                   | 412                |
| Measurer 2, team 6        | 0.9                                                                                           | 0.0                                                                                                                   | 106                |
| Measurer 1, team 7        | 8.0                                                                                           | 1.5                                                                                                                   | 327                |
| Measurer 2, team 7        | 33.3                                                                                          | 0.0                                                                                                                   | 3                  |
| Measurer 1, team 8        | 1.1                                                                                           | 0.4                                                                                                                   | 280                |
| Measurer 2, team 8        | 0.6                                                                                           | 0.6                                                                                                                   | 167                |
| Measurer 1, team 9        | 2.0                                                                                           | 3.0                                                                                                                   | 100                |
| Measurer 2, team 9        | 0.0                                                                                           | 1.9                                                                                                                   | 54                 |
| Measurer 1, team 10       | 1.3                                                                                           | 0.0                                                                                                                   | 223                |
| Measurer 2, team 10       | 2.4                                                                                           | 0.8                                                                                                                   | 253                |
| Measurer 1, team 11       | 18.6                                                                                          | 0.0                                                                                                                   | 145                |
| Measurer 2, team 11       | 29.8                                                                                          | 2.1                                                                                                                   | 47                 |
| Measurer 1, team 12       | 7.0                                                                                           | 9.7                                                                                                                   | 341                |
| Measurer 2, team 12       | 5.2                                                                                           | 9.2                                                                                                                   | 173                |
| Measurer 1, team 13       | 0.7                                                                                           | 0.7                                                                                                                   | 267                |
| Measurer 2, team 13       | 3.2                                                                                           | 4.8                                                                                                                   | 62                 |
| Measurer 1, team 14       | 3.1                                                                                           | 0.0                                                                                                                   | 193                |
| Measurer 2, team 14       | 1.3                                                                                           | 0.0                                                                                                                   | 150                |
| Measurer 1, team 15       | 0.4                                                                                           | 25.7                                                                                                                  | 230                |
| Measurer 2, team 15       | 0.7                                                                                           | 37.5                                                                                                                  | 152                |
| Missing                   | 0.0                                                                                           | 0.0                                                                                                                   | 6                  |
| <b>Total</b>              | <b>3.0</b>                                                                                    | <b>4.9</b>                                                                                                            | <b>5,040</b>       |

**Table C.11 Interference in height and weight measurements of women**

Among women age 15–49 measured for height or weight, percentage for whom hairstyle or ornamentation interfered with height measurement and percentage who were not wearing lightweight clothing or who wore heavy permanent ornaments during weight measurement, according to background characteristics (unweighted), Tajikistan DHS 2023

| Background characteristic | Percentage of women for whom hairstyle or ornamentation interfered with height measurement | Percentage of women who were not wearing lightweight clothing or who wore heavy permanent ornaments during weight measurement | Number of women |
|---------------------------|--------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------|-----------------|
| <b>Age</b>                |                                                                                            |                                                                                                                               |                 |
| 15–19                     | 22.6                                                                                       | 8.4                                                                                                                           | 1,713           |
| 20–29                     | 18.4                                                                                       | 6.9                                                                                                                           | 3,075           |
| 30–39                     | 15.0                                                                                       | 6.4                                                                                                                           | 2,982           |
| 40–49                     | 14.5                                                                                       | 5.4                                                                                                                           | 2,109           |
| <b>Residence</b>          |                                                                                            |                                                                                                                               |                 |
| Urban                     | 12.5                                                                                       | 7.5                                                                                                                           | 4,218           |
| Rural                     | 20.8                                                                                       | 6.1                                                                                                                           | 5,661           |
| <b>Region</b>             |                                                                                            |                                                                                                                               |                 |
| Dushanbe                  | 8.7                                                                                        | 6.9                                                                                                                           | 2,006           |
| GBAO                      | 3.4                                                                                        | 1.6                                                                                                                           | 815             |
| Sughd                     | 6.5                                                                                        | 13.7                                                                                                                          | 2,117           |
| DRS                       | 39.2                                                                                       | 6.5                                                                                                                           | 2,277           |
| Khatlon                   | 17.8                                                                                       | 2.7                                                                                                                           | 2,664           |
| <b>FTF districts</b>      | 19.5                                                                                       | 1.9                                                                                                                           | 1,353           |
| <b>Measurer</b>           |                                                                                            |                                                                                                                               |                 |
| Measurer 1, team 1        | 3.4                                                                                        | 1.5                                                                                                                           | 263             |
| Measurer 2, team 1        | 0.0                                                                                        | 1.2                                                                                                                           | 173             |
| Measurer 1, team 2        | 5.0                                                                                        | 2.7                                                                                                                           | 220             |
| Measurer 2, team 2        | 6.7                                                                                        | 0.6                                                                                                                           | 164             |
| Measurer 1, team 3        | 7.4                                                                                        | 1.2                                                                                                                           | 420             |
| Measurer 2, team 3        | 5.4                                                                                        | 1.1                                                                                                                           | 280             |
| Measurer 1, team 4        | 3.8                                                                                        | 0.9                                                                                                                           | 584             |
| Measurer 2, team 4        | 3.6                                                                                        | 0.0                                                                                                                           | 55              |
| Measurer 1, team 5        | 16.2                                                                                       | 17.1                                                                                                                          | 432             |
| Measurer 2, team 5        | 14.5                                                                                       | 22.2                                                                                                                          | 234             |
| Measurer 1, team 6        | 2.7                                                                                        | 0.5                                                                                                                           | 560             |
| Measurer 2, team 6        | 4.9                                                                                        | 0.0                                                                                                                           | 225             |
| Measurer 1, team 7        | 45.9                                                                                       | 4.7                                                                                                                           | 678             |
| Measurer 2, team 7        | 66.7                                                                                       | 0.0                                                                                                                           | 6               |
| Measurer 1, team 8        | 4.3                                                                                        | 0.3                                                                                                                           | 395             |
| Measurer 2, team 8        | 2.8                                                                                        | 0.0                                                                                                                           | 289             |
| Measurer 1, team 9        | 18.2                                                                                       | 6.2                                                                                                                           | 340             |
| Measurer 2, team 9        | 26.5                                                                                       | 8.8                                                                                                                           | 170             |
| Measurer 1, team 10       | 4.9                                                                                        | 3.1                                                                                                                           | 389             |
| Measurer 2, team 10       | 9.8                                                                                        | 3.9                                                                                                                           | 408             |
| Measurer 1, team 11       | 90.0                                                                                       | 3.8                                                                                                                           | 450             |
| Measurer 2, team 11       | 89.9                                                                                       | 12.4                                                                                                                          | 178             |
| Measurer 1, team 12       | 31.5                                                                                       | 12.1                                                                                                                          | 537             |
| Measurer 2, team 12       | 31.6                                                                                       | 5.2                                                                                                                           | 310             |
| Measurer 1, team 13       | 15.5                                                                                       | 2.1                                                                                                                           | 573             |
| Measurer 2, team 13       | 13.3                                                                                       | 3.3                                                                                                                           | 150             |
| Measurer 1, team 14       | 2.0                                                                                        | 0.6                                                                                                                           | 358             |
| Measurer 2, team 14       | 3.5                                                                                        | 0.6                                                                                                                           | 318             |
| Measurer 1, team 15       | 0.9                                                                                        | 28.1                                                                                                                          | 452             |
| Measurer 2, team 15       | 2.3                                                                                        | 53.0                                                                                                                          | 266             |
| Missing                   | 0.0                                                                                        | 0.0                                                                                                                           | 2               |
| <b>Total</b>              | 17.3                                                                                       | 6.7                                                                                                                           | 9,879           |

**Table C.12 Heaping in anthropometric measurements for children (digit preference)**

Distribution of weight and height/length measurements by decimal digit recorded (unweighted), Tajikistan DHS 2023

| Digit                               | Weight |         | Height or length |         |
|-------------------------------------|--------|---------|------------------|---------|
|                                     | Number | Percent | Number           | Percent |
| 0                                   | 479    | 9.6     | 457              | 9.1     |
| 1                                   | 568    | 11.3    | 464              | 9.3     |
| 2                                   | 549    | 11.0    | 667              | 13.3    |
| 3                                   | 507    | 10.1    | 630              | 12.6    |
| 4                                   | 539    | 10.8    | 620              | 12.4    |
| 5                                   | 583    | 11.6    | 606              | 12.1    |
| 6                                   | 436    | 8.7     | 490              | 9.8     |
| 7                                   | 401    | 8.0     | 431              | 8.6     |
| 8                                   | 497    | 9.9     | 378              | 7.5     |
| 9                                   | 452    | 9.0     | 268              | 5.3     |
| Total                               | 5,011  | 100.0   | 5,011            | 100.0   |
| Index of dissimilarity <sup>1</sup> | na     | 4.8     | na               | 10.3    |

Note: Table includes all children with weight and height/length measurements, regardless of the completeness of date of birth information and cases with implausible data. Both weight and length/height measurements were recorded with one decimal digit.

na = not applicable

<sup>1</sup> The index of dissimilarity is a measure of digit preference calculated as one-half of the sum of absolute differences between the observed and expected percentage. It can be interpreted as the percentage of values that would need to be redistributed in order to achieve a uniform distribution.

**Table C.13 Observation of handwashing facility**

Percent distribution of handwashing facilities in all households by whether or not they were observed by the interviewers, according to background characteristics (weighted), Tajikistan DHS 2023

| Background characteristic | Handwashing facility observed |        | Handwashing facility not observed |                      |              | Total | Number of households |
|---------------------------|-------------------------------|--------|-----------------------------------|----------------------|--------------|-------|----------------------|
|                           | Fixed place                   | Mobile | Not in dwelling, yard, or plot    | No permission to see | Other reason |       |                      |
| <b>Residence</b>          |                               |        |                                   |                      |              |       |                      |
| Urban                     | 95.4                          | 2.4    | 2.0                               | 0.1                  | 0.1          | 100.0 | 2,393                |
| Rural                     | 85.4                          | 9.5    | 4.8                               | 0.2                  | 0.1          | 100.0 | 5,642                |
| <b>Region</b>             |                               |        |                                   |                      |              |       |                      |
| Dushanbe                  | 98.0                          | 1.7    | 0.0                               | 0.1                  | 0.2          | 100.0 | 911                  |
| GBAO                      | 99.9                          | 0.1    | 0.0                               | 0.0                  | 0.0          | 100.0 | 180                  |
| Sughd                     | 66.2                          | 23.9   | 9.4                               | 0.2                  | 0.2          | 100.0 | 2,322                |
| DRS                       | 99.1                          | 0.8    | 0.0                               | 0.1                  | 0.1          | 100.0 | 1,849                |
| Khatlon                   | 95.9                          | 0.2    | 3.5                               | 0.3                  | 0.1          | 100.0 | 2,773                |
| <b>FTF districts</b>      | 95.3                          | 0.0    | 4.0                               | 0.5                  | 0.2          | 100.0 | 1,508                |
| <b>Wealth quintile</b>    |                               |        |                                   |                      |              |       |                      |
| Lowest                    | 82.1                          | 10.8   | 6.3                               | 0.5                  | 0.3          | 100.0 | 1,521                |
| Second                    | 85.1                          | 10.0   | 4.6                               | 0.3                  | 0.0          | 100.0 | 1,525                |
| Middle                    | 86.6                          | 8.0    | 4.9                               | 0.1                  | 0.3          | 100.0 | 1,540                |
| Fourth                    | 88.4                          | 7.3    | 4.3                               | 0.1                  | 0.0          | 100.0 | 1,572                |
| Highest                   | 97.5                          | 1.9    | 0.4                               | 0.0                  | 0.1          | 100.0 | 1,876                |
| Total                     | 88.4                          | 7.4    | 3.9                               | 0.2                  | 0.1          | 100.0 | 8,035                |

**Table C.14 School attendance by single year of age**

Percent distribution of the de jure population age 4–24 by educational level and grade attended in the current school year (weighted), Tajikistan DHS 2023

| Age in years<br>at beginning of<br>school year | Not<br>attending<br>school | Early<br>child-<br>hood<br>educa-<br>tion<br>program | Primary school grade |      |      |      | Lower secondary school (general basic) |      |      |      |      | Upper secondary<br>school (general<br>secondary) |      | Profes-<br>sional<br>primary<br>and<br>middle | Univer-<br>sity | Don't<br>know | Total | Number<br>of<br>persons<br>age 4–24 |
|------------------------------------------------|----------------------------|------------------------------------------------------|----------------------|------|------|------|----------------------------------------|------|------|------|------|--------------------------------------------------|------|-----------------------------------------------|-----------------|---------------|-------|-------------------------------------|
|                                                |                            |                                                      | 1                    | 2    | 3    | 4    | 1                                      | 2    | 3    | 4    | 5    | 6                                                | 7    |                                               |                 |               |       |                                     |
| 4                                              | 94.7                       | 5.0                                                  | 0.0                  | 0.0  | 0.0  | 0.1  | 0.1                                    | 0.1  | 0.0  | 0.0  | 0.0  | 0.0                                              | 0.0  | 0.0                                           | 0.0             | 0.0           | 100.0 | 1,082                               |
| 5                                              | 93.7                       | 5.0                                                  | 1.1                  | 0.1  | 0.0  | 0.1  | 0.0                                    | 0.0  | 0.0  | 0.0  | 0.0  | 0.0                                              | 0.0  | 0.0                                           | 0.0             | 0.0           | 100.0 | 1,115                               |
| 6                                              | 77.2                       | 4.2                                                  | 17.6                 | 0.7  | 0.0  | 0.1  | 0.0                                    | 0.0  | 0.1  | 0.0  | 0.0  | 0.0                                              | 0.0  | 0.0                                           | 0.1             | 0.0           | 100.0 | 1,107                               |
| 7                                              | 16.1                       | 0.8                                                  | 66.5                 | 15.8 | 0.3  | 0.0  | 0.2                                    | 0.1  | 0.0  | 0.2  | 0.0  | 0.0                                              | 0.0  | 0.0                                           | 0.0             | 0.0           | 100.0 | 1,307                               |
| 8                                              | 2.3                        | 0.1                                                  | 12.0                 | 66.1 | 16.8 | 0.9  | 0.1                                    | 0.1  | 0.0  | 0.1  | 0.0  | 0.1                                              | 0.0  | 1.4                                           | 0.0             | 0.0           | 100.0 | 1,206                               |
| 9                                              | 2.2                        | 0.0                                                  | 0.4                  | 13.6 | 66.2 | 14.7 | 0.5                                    | 0.7  | 0.2  | 0.1  | 0.0  | 0.3                                              | 0.0  | 1.0                                           | 0.1             | 0.0           | 100.0 | 1,087                               |
| 10                                             | 1.6                        | 0.0                                                  | 0.0                  | 0.8  | 12.0 | 64.8 | 18.7                                   | 0.9  | 0.1  | 0.0  | 0.0  | 0.1                                              | 0.4  | 0.1                                           | 0.6             | 0.0           | 100.0 | 1,018                               |
| 11                                             | 2.1                        | 0.0                                                  | 0.1                  | 0.1  | 0.9  | 14.8 | 64.1                                   | 16.2 | 1.2  | 0.2  | 0.1  | 0.0                                              | 0.1  | 0.0                                           | 0.3             | 0.0           | 100.0 | 1,018                               |
| 12                                             | 1.5                        | 0.0                                                  | 0.1                  | 0.0  | 0.5  | 1.2  | 14.5                                   | 65.8 | 15.5 | 0.7  | 0.1  | 0.1                                              | 0.1  | 0.0                                           | 0.0             | 0.0           | 100.0 | 1,046                               |
| 13                                             | 2.0                        | 0.0                                                  | 0.0                  | 0.1  | 0.0  | 0.0  | 0.6                                    | 14.4 | 64.8 | 15.9 | 1.5  | 0.4                                              | 0.1  | 0.0                                           | 0.0             | 0.1           | 100.0 | 1,014                               |
| 14                                             | 1.7                        | 0.0                                                  | 0.1                  | 0.0  | 0.0  | 0.0  | 0.2                                    | 0.7  | 16.8 | 61.6 | 15.7 | 1.2                                              | 0.4  | 0.0                                           | 0.0             | 1.6           | 100.0 | 937                                 |
| 15                                             | 3.6                        | 0.0                                                  | 0.1                  | 0.0  | 0.0  | 0.0  | 0.2                                    | 0.2  | 1.2  | 14.9 | 64.4 | 12.4                                             | 1.9  | 0.8                                           | 0.1             | 0.1           | 100.0 | 815                                 |
| 16                                             | 10.3                       | 0.0                                                  | 0.0                  | 0.0  | 0.0  | 0.0  | 0.1                                    | 0.2  | 0.0  | 1.7  | 16.8 | 53.1                                             | 12.6 | 4.2                                           | 0.6             | 0.4           | 100.0 | 786                                 |
| 17                                             | 34.0                       | 0.0                                                  | 0.1                  | 0.0  | 0.0  | 0.0  | 0.0                                    | 0.0  | 0.0  | 0.3  | 2.5  | 13.0                                             | 35.8 | 8.1                                           | 5.6             | 0.0           | 99.4  | 709                                 |
| 18                                             | 48.9                       | 0.0                                                  | 0.0                  | 0.0  | 0.0  | 0.0  | 0.0                                    | 0.0  | 0.0  | 0.0  | 1.3  | 1.0                                              | 17.7 | 9.8                                           | 21.3            | 0.0           | 100.0 | 639                                 |
| 19                                             | 59.2                       | 0.0                                                  | 0.0                  | 0.0  | 0.0  | 0.0  | 0.0                                    | 0.0  | 0.0  | 0.0  | 2.0  | 0.0                                              | 5.7  | 7.8                                           | 25.3            | 0.0           | 100.0 | 665                                 |
| 20                                             | 65.8                       | 0.0                                                  | 0.0                  | 0.0  | 0.0  | 0.0  | 0.1                                    | 0.0  | 0.0  | 0.0  | 1.7  | 0.0                                              | 4.9  | 6.3                                           | 21.2            | 0.0           | 100.0 | 591                                 |
| 21                                             | 67.3                       | 0.0                                                  | 0.0                  | 0.0  | 0.0  | 0.0  | 0.0                                    | 0.0  | 0.0  | 0.5  | 1.2  | 0.2                                              | 6.2  | 4.9                                           | 19.7            | 0.0           | 100.0 | 617                                 |
| 22                                             | 77.0                       | 0.1                                                  | 0.0                  | 0.0  | 0.0  | 0.3  | 0.2                                    | 0.0  | 0.0  | 0.1  | 1.7  | 0.0                                              | 6.3  | 2.3                                           | 12.0            | 0.0           | 100.0 | 703                                 |
| 23                                             | 82.3                       | 0.0                                                  | 0.0                  | 0.0  | 0.0  | 0.3  | 0.0                                    | 0.1  | 0.3  | 0.0  | 2.5  | 0.0                                              | 6.8  | 1.9                                           | 5.8             | 0.0           | 100.0 | 645                                 |
| 24 <sup>a</sup>                                | 83.8                       | 0.0                                                  | 0.0                  | 0.0  | 0.0  | 0.6  | 0.0                                    | 0.0  | 0.0  | 0.0  | 1.9  | 0.0                                              | 4.7  | 0.8                                           | 8.2             | 0.0           | 100.0 | 292                                 |

Note: Age at the beginning of the school year is calculated from dates of birth of household members or by rejuvenating household members based on the date of the survey, the date after the start of the school year, and completed age at the time of the survey. Levels and grades refer to the current school year or the most recent school year if data collection was completed between school years.

<sup>a</sup> Those age 25 at the time of the interview who were age 24 at the beginning of the school year are excluded from the table since data on current attendance were collected only for those age 4–24 at the time of the interview.

**Table C.15 Vaccination cards photographed**

Percentage of children under age 3 reported to have a vaccination card kept at a health facility or a home-based vaccination passport, percentage whose vaccination card was seen by the interviewer, percentage whose vaccination card was photographed or was not photographed by reason, and among children with a vaccination card seen, percentage of cards photographed, according to background characteristics (weighted) Tajikistan DHS 2023

| Background characteristic | Percentage of children reported to have a vaccination card | Percentage of children whose vaccination card was seen by interviewer | Percentage of children whose vaccination card was photographed | Percentage of children whose vaccination card was not photographed as permission was not received | Percentage of children whose vaccination card was not photographed for other reasons | Number of children | Among children with a vaccination card seen  |                    |
|---------------------------|------------------------------------------------------------|-----------------------------------------------------------------------|----------------------------------------------------------------|---------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|--------------------|----------------------------------------------|--------------------|
|                           |                                                            |                                                                       |                                                                |                                                                                                   |                                                                                      |                    | Percentage of vaccination cards photographed | Number of children |
| <b>Age in months</b>      |                                                            |                                                                       |                                                                |                                                                                                   |                                                                                      |                    |                                              |                    |
| 0–11                      | 82.4                                                       | 75.7                                                                  | 29.9                                                           | 2.6                                                                                               | 1.1                                                                                  | 1,170              | 39.4                                         | 886                |
| 12–23                     | 88.5                                                       | 81.9                                                                  | 26.6                                                           | 2.6                                                                                               | 0.6                                                                                  | 1,006              | 32.5                                         | 824                |
| 24–35                     | 86.3                                                       | 78.7                                                                  | 22.6                                                           | 2.2                                                                                               | 0.8                                                                                  | 958                | 28.8                                         | 754                |
| <b>Residence</b>          |                                                            |                                                                       |                                                                |                                                                                                   |                                                                                      |                    |                                              |                    |
| Urban                     | 85.0                                                       | 78.4                                                                  | 30.5                                                           | 3.2                                                                                               | 1.2                                                                                  | 792                | 38.8                                         | 621                |
| Rural                     | 85.7                                                       | 78.7                                                                  | 25.3                                                           | 2.2                                                                                               | 0.7                                                                                  | 2,342              | 32.2                                         | 1,843              |
| <b>Region</b>             |                                                            |                                                                       |                                                                |                                                                                                   |                                                                                      |                    |                                              |                    |
| Dushanbe                  | 82.2                                                       | 76.8                                                                  | 27.6                                                           | 3.3                                                                                               | 1.2                                                                                  | 321                | 35.9                                         | 246                |
| GBAO                      | 91.9                                                       | 89.2                                                                  | 42.2                                                           | 4.1                                                                                               | 0.5                                                                                  | 40                 | 47.3                                         | 36                 |
| Sughd                     | 88.4                                                       | 83.5                                                                  | 35.3                                                           | 1.2                                                                                               | 0.6                                                                                  | 850                | 42.2                                         | 710                |
| DRS                       | 77.6                                                       | 67.3                                                                  | 27.5                                                           | 1.2                                                                                               | 0.4                                                                                  | 732                | 40.9                                         | 493                |
| Khatlon                   | 89.1                                                       | 82.2                                                                  | 19.1                                                           | 3.9                                                                                               | 1.2                                                                                  | 1,192              | 23.2                                         | 980                |
| <b>FTF districts</b>      | 87.5                                                       | 81.8                                                                  | 13.7                                                           | 3.0                                                                                               | 0.6                                                                                  | 713                | 16.7                                         | 584                |
| <b>Wealth quintile</b>    |                                                            |                                                                       |                                                                |                                                                                                   |                                                                                      |                    |                                              |                    |
| Lowest                    | 84.8                                                       | 79.6                                                                  | 21.7                                                           | 3.0                                                                                               | 1.9                                                                                  | 612                | 27.2                                         | 487                |
| Second                    | 87.5                                                       | 82.3                                                                  | 27.0                                                           | 2.6                                                                                               | 0.8                                                                                  | 611                | 32.8                                         | 503                |
| Middle                    | 86.9                                                       | 77.3                                                                  | 25.2                                                           | 1.5                                                                                               | 0.4                                                                                  | 647                | 32.6                                         | 501                |
| Fourth                    | 84.6                                                       | 76.9                                                                  | 28.3                                                           | 2.6                                                                                               | 0.4                                                                                  | 655                | 36.8                                         | 504                |
| Highest                   | 83.9                                                       | 77.1                                                                  | 30.9                                                           | 2.8                                                                                               | 0.8                                                                                  | 608                | 40.0                                         | 469                |
| <b>Total</b>              | 85.5                                                       | 78.6                                                                  | 26.6                                                           | 2.5                                                                                               | 0.8                                                                                  | 3,134              | 33.9                                         | 2,464              |

Note: Vaccination cards include cards or records from a health facility, child development cards from a health facility, and home-based vaccination passports, booklets, or other home-based records.



**Table C.16 Prevalence of anemia in children based on 2011 WHO guidelines**

Percentage of children age 6–59 months classified as having anemia, according to background characteristics, Tajikistan DHS 2023

| Background characteristic                             | Anemia status by hemoglobin level |                       |                         |                    | Number of children age 6–59 months |
|-------------------------------------------------------|-----------------------------------|-----------------------|-------------------------|--------------------|------------------------------------|
|                                                       | Any (<11.0 g/dl)                  | Mild (10.0–10.9 g/dl) | Moderate (7.0–9.9 g/dl) | Severe (<7.0 g/dl) |                                    |
| <b>Age in months</b>                                  |                                   |                       |                         |                    |                                    |
| 6–11                                                  | 39.2                              | 25.7                  | 13.5                    | 0.0                | 545                                |
| 12–23                                                 | 42.3                              | 27.5                  | 14.8                    | 0.1                | 1,025                              |
| 24–35                                                 | 33.4                              | 24.3                  | 8.7                     | 0.4                | 978                                |
| 36–47                                                 | 19.7                              | 15.0                  | 4.4                     | 0.2                | 1,044                              |
| 48–59                                                 | 17.1                              | 12.9                  | 4.2                     | 0.0                | 1,033                              |
| 6–23                                                  | 41.3                              | 26.9                  | 14.3                    | 0.0                | 1,570                              |
| 24–59                                                 | 23.2                              | 17.3                  | 5.7                     | 0.2                | 3,054                              |
| <b>Sex</b>                                            |                                   |                       |                         |                    |                                    |
| Male                                                  | 30.4                              | 20.4                  | 9.7                     | 0.2                | 2,411                              |
| Female                                                | 28.2                              | 20.6                  | 7.4                     | 0.1                | 2,214                              |
| <b>Mother's interview status</b>                      |                                   |                       |                         |                    |                                    |
| Interviewed                                           | 29.4                              | 20.6                  | 8.7                     | 0.1                | 4,545                              |
| Not interviewed but in household                      | (29.4)                            | (23.3)                | (6.2)                   | (0.0)              | 34                                 |
| Not interviewed and not in the household <sup>1</sup> | 17.9                              | 7.6                   | 10.2                    | 0.0                | 46                                 |
| <b>Residence</b>                                      |                                   |                       |                         |                    |                                    |
| Urban                                                 | 24.7                              | 16.9                  | 7.8                     | 0.1                | 1,131                              |
| Rural                                                 | 30.8                              | 21.7                  | 8.9                     | 0.2                | 3,493                              |
| <b>Region</b>                                         |                                   |                       |                         |                    |                                    |
| Dushanbe                                              | 19.7                              | 13.5                  | 6.2                     | 0.0                | 468                                |
| GBAO                                                  | 47.7                              | 22.2                  | 24.2                    | 1.4                | 69                                 |
| Sughd                                                 | 27.3                              | 18.9                  | 8.2                     | 0.1                | 1,225                              |
| DRS                                                   | 31.5                              | 22.6                  | 8.6                     | 0.3                | 1,092                              |
| Khatlon                                               | 31.3                              | 22.2                  | 9.0                     | 0.0                | 1,771                              |
| <b>FTF districts</b>                                  | 30.5                              | 22.4                  | 8.1                     | 0.0                | 1,111                              |
| <b>Mother's education<sup>2</sup></b>                 |                                   |                       |                         |                    |                                    |
| None/primary                                          | 28.8                              | 16.7                  | 12.1                    | 0.0                | 214                                |
| General basic                                         | 27.2                              | 18.3                  | 8.7                     | 0.2                | 1,445                              |
| General secondary                                     | 31.2                              | 23.5                  | 7.5                     | 0.2                | 2,049                              |
| Professional                                          |                                   |                       |                         |                    |                                    |
| primary/middle                                        | 30.4                              | 19.3                  | 11.1                    | 0.0                | 393                                |
| Higher                                                | 27.4                              | 17.6                  | 9.8                     | 0.0                | 523                                |
| <b>Wealth quintile</b>                                |                                   |                       |                         |                    |                                    |
| Lowest                                                | 34.7                              | 22.9                  | 11.6                    | 0.2                | 935                                |
| Second                                                | 30.7                              | 22.3                  | 8.2                     | 0.3                | 966                                |
| Middle                                                | 31.3                              | 21.6                  | 9.7                     | 0.0                | 936                                |
| Fourth                                                | 28.7                              | 22.0                  | 6.5                     | 0.1                | 919                                |
| Highest                                               | 20.5                              | 13.3                  | 7.1                     | 0.1                | 869                                |
| <b>Total</b>                                          | 29.3                              | 20.5                  | 8.6                     | 0.1                | 4,624                              |

Note: Table is based on children who stayed in the household on the night before the interview and who were tested for anemia. Prevalence of anemia, based on hemoglobin levels, is adjusted for altitude using formulas in CDC 1998 and cutoffs defined in WHO 2011c. Hemoglobin is measured in grams per deciliter (g/dl) using the HemoCue 201+ device. Figures in parentheses are based on 25–49 unweighted cases.

<sup>1</sup> Includes children whose mothers are deceased

<sup>2</sup> For women who are not interviewed, information is taken from the Household Questionnaire. Excludes children whose mothers are not listed in the Household Questionnaire.

**Table C.17 Prevalence of anemia in women based on 2011 WHO guidelines**

Percentage of women age 15–49 classified as having anemia, according to background characteristics, Tajikistan DHS 2023

| Background characteristic           | Anemia status by hemoglobin level       |                                                  |                                                   |                                            | Number of women |
|-------------------------------------|-----------------------------------------|--------------------------------------------------|---------------------------------------------------|--------------------------------------------|-----------------|
|                                     | Any<br>(NP <12.0 g/dl/<br>P <11.0 g/dl) | Mild<br>(NP 11.0–11.9 g/dl/<br>P 10.0–10.9 g/dl) | Moderate<br>(NP 8.0–10.9 g/dl/<br>P 7.0–9.9 g/dl) | Severe<br>(NP < 8.0 g/dl/<br>P < 7.0 g/dl) |                 |
| <b>Age</b>                          |                                         |                                                  |                                                   |                                            |                 |
| 15–19                               | 24.2                                    | 15.1                                             | 8.6                                               | 0.6                                        | 1,684           |
| 20–29                               | 23.0                                    | 13.5                                             | 9.3                                               | 0.2                                        | 3,126           |
| 30–39                               | 25.4                                    | 14.6                                             | 10.0                                              | 0.7                                        | 2,944           |
| 40–49                               | 25.7                                    | 13.9                                             | 10.9                                              | 0.9                                        | 1,992           |
| <b>Number of children ever born</b> |                                         |                                                  |                                                   |                                            |                 |
| 0                                   | 23.7                                    | 14.4                                             | 8.7                                               | 0.5                                        | 2,664           |
| 1                                   | 22.8                                    | 12.8                                             | 9.6                                               | 0.4                                        | 1,071           |
| 2–3                                 | 24.5                                    | 13.7                                             | 10.2                                              | 0.6                                        | 3,799           |
| 4–5                                 | 26.1                                    | 15.2                                             | 10.3                                              | 0.6                                        | 2,011           |
| 6+                                  | 27.2                                    | 16.9                                             | 8.5                                               | 1.8                                        | 201             |
| <b>Maternity status</b>             |                                         |                                                  |                                                   |                                            |                 |
| Pregnant                            | 23.5                                    | 15.4                                             | 8.1                                               | 0.0                                        | 744             |
| Not pregnant <sup>1</sup>           | 24.6                                    | 14.1                                             | 9.8                                               | 0.6                                        | 9,002           |
| <b>Using IUD</b>                    |                                         |                                                  |                                                   |                                            |                 |
| Yes                                 | 24.6                                    | 13.4                                             | 10.4                                              | 0.8                                        | 1,326           |
| No                                  | 24.5                                    | 14.3                                             | 9.6                                               | 0.5                                        | 8,420           |
| <b>Residence</b>                    |                                         |                                                  |                                                   |                                            |                 |
| Urban                               | 22.1                                    | 13.0                                             | 8.6                                               | 0.6                                        | 2,645           |
| Rural                               | 25.3                                    | 14.6                                             | 10.1                                              | 0.6                                        | 7,101           |
| <b>Region</b>                       |                                         |                                                  |                                                   |                                            |                 |
| Dushanbe                            | 16.0                                    | 8.7                                              | 6.8                                               | 0.5                                        | 1,056           |
| GBAO                                | 33.6                                    | 17.0                                             | 14.8                                              | 1.8                                        | 156             |
| Sughd                               | 27.2                                    | 15.3                                             | 11.0                                              | 0.9                                        | 2,737           |
| DRS                                 | 24.2                                    | 13.9                                             | 9.6                                               | 0.7                                        | 2,328           |
| Khatlon                             | 24.7                                    | 15.0                                             | 9.5                                               | 0.2                                        | 3,469           |
| <b>FTF districts</b>                | 21.9                                    | 13.6                                             | 8.2                                               | 0.2                                        | 1,931           |
| <b>Mother's education</b>           |                                         |                                                  |                                                   |                                            |                 |
| None/primary                        | 25.7                                    | 15.6                                             | 10.1                                              | 0.1                                        | 431             |
| General basic                       | 24.7                                    | 14.7                                             | 9.2                                               | 0.8                                        | 3,235           |
| General secondary                   | 24.4                                    | 13.7                                             | 10.2                                              | 0.5                                        | 4,173           |
| Professional                        |                                         |                                                  |                                                   |                                            |                 |
| primary/middle                      | 23.4                                    | 12.8                                             | 10.3                                              | 0.4                                        | 768             |
| Higher                              | 24.2                                    | 14.8                                             | 8.8                                               | 0.5                                        | 1,139           |
| <b>Wealth quintile</b>              |                                         |                                                  |                                                   |                                            |                 |
| Lowest                              | 27.0                                    | 15.9                                             | 10.1                                              | 1.0                                        | 1,816           |
| Second                              | 26.0                                    | 15.1                                             | 10.4                                              | 0.5                                        | 1,949           |
| Middle                              | 24.9                                    | 14.6                                             | 9.9                                               | 0.5                                        | 1,946           |
| Fourth                              | 23.1                                    | 12.7                                             | 10.0                                              | 0.4                                        | 1,934           |
| Highest                             | 21.8                                    | 12.9                                             | 8.3                                               | 0.6                                        | 2,100           |
| <b>Total</b>                        | 24.5                                    | 14.2                                             | 9.7                                               | 0.6                                        | 9,746           |

Note: Prevalence of anemia, based on hemoglobin levels, is adjusted for altitude and for cigarette smoking, if known, using formulas in CDC 1998 and cutoffs defined in WHO 2017b. Hemoglobin is measured in grams per deciliter (g/dl) using the HemoCue 201+ device.

NP = nonpregnant

P = pregnant

<sup>1</sup> Includes women who do not know if they are pregnant



# PERSONS INVOLVED IN THE 2023 TAJIKISTAN DEMOGRAPHIC AND HEALTH SURVEY

## Appendix D

### NATIONAL COORDINATOR

**Nurmahmadzoda Jamshed**, Director, Agency on Statistics under the President of the Republic of Tajikistan

### DEPUTY NATIONAL COORDINATOR FOR MEDICAL AFFAIRS

**Muhsinzoda Gafur Mukhsin**, First Deputy Minister of Health and Social Protection of the Population of the Republic of Tajikistan

### DEPUTY NATIONAL COORDINATOR FOR FIELD IMPLEMENTATION

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**Nemonov Mahmadi**, Administrative and Legal Support  
**Qamarzoda Hukmiddin**, Administrative Support  
**Safarbek Khabibullozoda**, Financial Support  
**Furkat Mirpochchoev**, Chief Programmer/Data Entry Coordinator  
**Rustamov Ravshan**, IT and CAPI Specialist  
**Hamza Majidov**, IT and CAPI Specialist  
**Yusuf Siddikov**, IT and CAPI Specialist  
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**Abdukholiq Amirzoda**, Deputy Minister  
**Zohir Nabiev**, Head of the Department of Organization of Medical Services for Mothers, Children and Family Planning  
**Navruz Jafarov**, Head of the Department of Sanitary and Epidemiological Safety, Emergencies and Emergency Medical Care  
**Dilorom Yunusova**, Head, Division of Safe Motherhood and Family Planning  
**Gulrukhsor Safarova**, Director, Republican Center for Medical Statistics and Information  
**Hafiza Saidova**, Director, National Center for Reproductive Health  
**Inom Haqnazarov**, Director, Republican Nutrition Center  
**Mohtob Bobokhonova**, Deputy Director, Republican Center for Immunoprophylaxis  
**Furqat Mahmudov**, Deputy Director, Republican Center for Medical Statistics and Information  
**Alijon Soliev**, Deputy Director, Republican Center for the Prevention and Control of AIDS

## HOUSEHOLD LISTING AND MAPPING

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Nakhatzoda Hokimbek  
Asmatbekzoda Firdavs  
Qurbonov Saidakbar

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|--------------------------------|-----------------------------------|
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| Davlatov Lutfullo              | Elnazarov Husayn                  |
| Sunatulloi Isuf                | Azimov Sunatullo                  |
| Mazbutov Nizomchon             | Kayumov Alichon                   |
| Makhmadaliev Oyatullo          | Kholzoda Izzatullo Ramazon        |
| Rajabov Zokirchon              | Kharchenko Alexander              |
| Ibrokhimzoda Furkat Tochimurod | Nizomudinzoda Abdurasul Nizomudin |
| Karimi Tursunali Churazoda     | Saidzoda Askar Fathullo           |
| Mirzoev Akhmad                 | Mahmadullozoda Emomali Mahmadullo |
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|                           |                         |
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| Kosimov Yusuf             | Khusinov Saidkodir      |
| Murodov Zoir              | Abdualimov Saidasror    |
| Sharifov Salimboy         | Abdulkhamidzoda Zafar   |
| Khojaev Attokhonbek       | Rahmonov Safarkhuja     |
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## FIELDWORK IMPLEMENTATION

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Azimova Malik

Nurmakhmadova Nargis  
Zokirova Sayohat  
Sharipova Shahnoza  
Sangova Mairam  
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Kholova Nilufar  
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Ranoguli Emomali  
Saimakhmadova Yagona  
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Mazarieva Zulfiya  
Rasulova Dilbar  
Rustamova Gavhar  
Safarova Sitora  
Safarova Tojginiso  
Hasanova Safargul

## ICF—THE DEMOGRAPHIC AND HEALTH SURVEYS PROGRAM

|                       |                   |
|-----------------------|-------------------|
| Gulnara Semenov       | Blake Zachary     |
| Sara Scates           | Annie Allnutt     |
| Eleanor Brindle       | Suzanne Arrington |
| Ruilin Ren            | Chris Gramer      |
| Keith Purvis          | Natalie Shattuck  |
| Jose Carlosama Cepeda | Joan Wardell      |
| Ikhtier Kholmatov     | Peter Redvers-Lee |
| Lady Ortiz Parra      | Greg Edmondson    |
| Trevor Croft          | Rose Donohue      |
| Sunita Kishor         | Thailynn Pinkney  |
| Rukundo Benedict      | Sarah Balian      |
| Joanna Lowell         | Ivan Gonzales     |
| Elizabeth Panahi      | Emily Eckert      |
| Kerry MacQuarrie      | Janet Nunez       |
| Joy Fishel            | Sorrel Namaste    |
| Danielle Toth         | Gloria Twesigye   |
| Jeff Edmeades         |                   |







2023 DEMOGRAPHIC AND HEALTH SURVEY  
 HOUSEHOLD QUESTIONNAIRE

TAJIKISTAN  
 AGENCY ON STATISTICS UNDER THE PRESIDENT OF THE REPUBLIC OF TAJIKISTAN  
 MINISTRY OF HEALTH AND SOCIAL PROTECTION OF THE POPULATION OF THE REPUBLIC OF TAJIKISTAN

| IDENTIFICATION                                                                                                                                                                                                                                                                                                                        |       |                                                                                                                 |       |                                                                                                                                           |                                                                                         |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|-----------------------------------------------------------------------------------------------------------------|-------|-------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------|
| PLACE NAME _____                                                                                                                                                                                                                                                                                                                      |       |                                                                                                                 |       |                                                                                                                                           |                                                                                         |
| NAME OF HOUSEHOLD HEAD _____                                                                                                                                                                                                                                                                                                          |       |                                                                                                                 |       |                                                                                                                                           |                                                                                         |
| CLUSTER NUMBER .....                                                                                                                                                                                                                                                                                                                  |       |                                                                                                                 |       |                                                                                                                                           | <div style="border: 1px solid black; width: 20px; height: 20px; margin: 0 auto;"></div> |
| HOUSEHOLD NUMBER .....                                                                                                                                                                                                                                                                                                                |       |                                                                                                                 |       |                                                                                                                                           | <div style="border: 1px solid black; width: 20px; height: 20px; margin: 0 auto;"></div> |
| INTERVIEWER VISITS                                                                                                                                                                                                                                                                                                                    |       |                                                                                                                 |       |                                                                                                                                           |                                                                                         |
|                                                                                                                                                                                                                                                                                                                                       | 1     | 2                                                                                                               | 3     | FINAL VISIT                                                                                                                               |                                                                                         |
| DATE                                                                                                                                                                                                                                                                                                                                  | _____ | _____                                                                                                           | _____ | DAY                                                                                                                                       | <div style="border: 1px solid black; width: 20px; height: 20px; margin: 0 auto;"></div> |
|                                                                                                                                                                                                                                                                                                                                       |       |                                                                                                                 |       | MONTH                                                                                                                                     | <div style="border: 1px solid black; width: 20px; height: 20px; margin: 0 auto;"></div> |
|                                                                                                                                                                                                                                                                                                                                       |       |                                                                                                                 |       | YEAR                                                                                                                                      | <div style="border: 1px solid black; width: 20px; height: 20px; margin: 0 auto;"></div> |
| INTERVIEWER'S NAME                                                                                                                                                                                                                                                                                                                    | _____ | _____                                                                                                           | _____ | INT. NO.                                                                                                                                  | <div style="border: 1px solid black; width: 20px; height: 20px; margin: 0 auto;"></div> |
| RESULT*                                                                                                                                                                                                                                                                                                                               | _____ | _____                                                                                                           | _____ | RESULT*                                                                                                                                   | <div style="border: 1px solid black; width: 20px; height: 20px; margin: 0 auto;"></div> |
| NEXT VISIT: DATE                                                                                                                                                                                                                                                                                                                      | _____ | _____                                                                                                           |       | TOTAL NUMBER OF VISITS                                                                                                                    |                                                                                         |
| TIME                                                                                                                                                                                                                                                                                                                                  | _____ | _____                                                                                                           |       | <div style="border: 1px solid black; width: 20px; height: 20px; margin: 0 auto;"></div>                                                   |                                                                                         |
| *RESULT CODES:<br><br>1 COMPLETED<br>2 NO HOUSEHOLD MEMBER AT HOME OR NO COMPETENT RESPONDENT AT HOME AT TIME OF VISIT<br>3 ENTIRE HOUSEHOLD ABSENT FOR EXTENDED PERIOD OF TIME<br>4 POSTPONED<br>5 REFUSED<br>6 DWELLING VACANT OR ADDRESS NOT A DWELLING<br>7 DWELLING DESTROYED<br>8 DWELLING NOT FOUND<br>9 OTHER _____ (SPECIFY) |       |                                                                                                                 |       | TOTAL PERSONS IN HOUSEHOLD <div style="border: 1px solid black; width: 20px; height: 20px; margin: 0 auto;"></div>                        |                                                                                         |
|                                                                                                                                                                                                                                                                                                                                       |       |                                                                                                                 |       | TOTAL ELIGIBLE WOMEN <div style="border: 1px solid black; width: 20px; height: 20px; margin: 0 auto;"></div>                              |                                                                                         |
|                                                                                                                                                                                                                                                                                                                                       |       |                                                                                                                 |       | LINE NO. OF RESPONDENT TO HOUSEHOLD QUESTIONNAIRE <div style="border: 1px solid black; width: 20px; height: 20px; margin: 0 auto;"></div> |                                                                                         |
| LANGUAGE OF QUESTIONNAIRE** <div style="border: 1px solid black; width: 20px; height: 20px; margin: 0 auto; text-align: center;">01</div>                                                                                                                                                                                             |       | LANGUAGE OF INTERVIEW** <div style="border: 1px solid black; width: 20px; height: 20px; margin: 0 auto;"></div> |       | NATIVE LANGUAGE OF RESPONDENT** <div style="border: 1px solid black; width: 20px; height: 20px; margin: 0 auto;"></div>                   |                                                                                         |
| LANGUAGE OF QUESTIONNAIRE** <b>ENGLISH</b>                                                                                                                                                                                                                                                                                            |       |                                                                                                                 |       |                                                                                                                                           |                                                                                         |
| **LANGUAGE CODES:<br>01 ENGLISH      02 RUSSIAN      03 TAJIK<br>04 KYRGYZ      05 UZBEK      06 OTHER                                                                                                                                                                                                                                |       |                                                                                                                 |       |                                                                                                                                           |                                                                                         |
| TEAM<br><div style="border: 1px solid black; width: 20px; height: 20px; margin: 0 auto;"></div> NUMBER                                                                                                                                                                                                                                |       | TEAM SUPERVISOR<br>_____<br>NAME                                                                                |       | CAPI SUPERVISOR<br>_____<br>NAME                                                                                                          |                                                                                         |
| <div style="border: 1px solid black; width: 20px; height: 20px; margin: 0 auto;"></div> NUMBER                                                                                                                                                                                                                                        |       | <div style="border: 1px solid black; width: 20px; height: 20px; margin: 0 auto;"></div> NUMBER                  |       | <div style="border: 1px solid black; width: 20px; height: 20px; margin: 0 auto;"></div> NUMBER                                            |                                                                                         |

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## INTRODUCTION AND CONSENT

Hello. My name is \_\_\_\_\_. I am working with Agency on Statistics under the President of the Republic of Tajikistan. We are conducting a survey about health and other topics all over Tajikistan. The information we collect will help the government to plan health services. Your household was selected for the survey. I would like to ask you some questions about your household. The questions usually take about 15 to 20 minutes. All of the answers you give will be confidential and will not be shared with anyone other than members of our survey team. You don't have to be in the survey, but we hope you will agree to answer the questions since your views are important. If I ask you any question you don't want to answer, just let me know and I will go on to the next question or you can stop the interview at any time. In case you need more information about the survey, you may contact the person listed on this card.

GIVE CARD WITH CONTACT INFORMATION

Do you have any questions?

May I begin the interview now?

SIGNATURE OF INTERVIEWER \_\_\_\_\_ DATE \_\_\_\_\_

RESPONDENT AGREES  
TO BE INTERVIEWED . . . 1



RESPONDENT DOES NOT AGREE  
TO BE INTERVIEWED . . . 2 → END

|     |                  |               |                                                                                  |  |  |  |  |
|-----|------------------|---------------|----------------------------------------------------------------------------------|--|--|--|--|
| 100 | RECORD THE TIME. | HOURS .....   | <table border="1"><tr><td></td><td></td></tr><tr><td></td><td></td></tr></table> |  |  |  |  |
|     |                  |               |                                                                                  |  |  |  |  |
|     |                  |               |                                                                                  |  |  |  |  |
|     |                  | MINUTES ..... | <table border="1"><tr><td></td><td></td></tr><tr><td></td><td></td></tr></table> |  |  |  |  |
|     |                  |               |                                                                                  |  |  |  |  |
|     |                  |               |                                                                                  |  |  |  |  |

HOUSEHOLD SCHEDULE

| LINE NO. | USUAL RESIDENTS AND VISITORS                                                                                                                                                                                                                                                                                                                                                                                                                                               | RELATIONSHIP TO HEAD OF HOUSEHOLD                                     | SEX                            | RESIDENCE                           |                                       | AGE                                                                         | MORE PEOPLE                                           | IF AGE 16 OR OLDER                                                                                                                                                          | ELIGIBILITY                               |                                            | IF AGE 0-17 YEARS                          |                                                                                                                                                                                                   |                                                                                                                                                                                                  |                                                                 |                                                                                                    |
|----------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------|--------------------------------|-------------------------------------|---------------------------------------|-----------------------------------------------------------------------------|-------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|--------------------------------------------|--------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------|----------------------------------------------------------------------------------------------------|
|          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                                                                       |                                | 4                                   | 5                                     |                                                                             |                                                       |                                                                                                                                                                             | 6                                         | 7                                          | 8                                          | 9                                                                                                                                                                                                 | 11                                                                                                                                                                                               | 12                                                              | 13                                                                                                 |
| 1        | <p>Please give me the names of the persons who usually live in your household and guests of the household who stayed here last night, starting with the head of the household.</p> <p>RECORD THE FIRST NAME OF THE HEAD OF THE HOUSEHOLD AFTER LISTING THE NAMES AND RECORDING THE RELATIONSHIP, SEX, RESIDENCE, AND AGE FOR EACH PERSON. ASK QUESTIONS 7A-7C TO BE SURE THAT THE LISTING IS COMPLETE. THEN ASK APPROPRIATE QUESTIONS IN COLUMNS 8-20 FOR EACH PERSON.</p> | What is the relationship of (FULL NAME) to the head of the household? | Is (FULL NAME) male or female? | Does (FULL NAME) usually live here? | Did (FULL NAME) stay here last night? | How old is (FULL NAME)? IF 95 OR MORE, RECORD '95'                          | Are there any other persons living in this household? | What is (FIRST NAME)'s current marital status?<br><br>1 = MARRIED OR LIVING TOGETHER<br>2 = DIVORCED/SEPARATED<br>3 = WIDOWED<br>4 = NEVER-MARRIED AND NEVER LIVED TOGETHER | CIRCLE LINE NUMBER OF ALL WOMEN AGE 15-49 | CIRCLE LINE NUMBER OF ALL CHILDREN AGE 0-5 | Is (FIRST NAME)'s biological mother alive? | Does (FIRST NAME)'s biological mother usually live in this household or was she a guest last night?<br><br>IF YES: What is her name?<br><br>RECORD MOTHER'S LINE NUMBER<br><br>IF NO: RECORD '00' | Does (FIRST NAME)'s biological father usually live in this household or was he a guest last night?<br><br>IF YES: What is his name?<br><br>RECORD FATHER'S LINE NUMBER<br><br>IF NO: RECORD '00' | Is (FIRST NAME)'s biological father alive?                      | Does (FIRST NAME)'s biological father usually live in this household or was he a guest last night? |
| 01       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | <div><input type="text"/></div> <div><input type="text"/></div>       | M F<br>1 2                     | Y N<br>1 2                          | Y N<br>1 2                            | IN YEARS<br><div><input type="text"/></div> <div><input type="text"/></div> | Y<br>1 → GO TO NEXT LINE 2<br>GO TO 7A ←              | <div><input type="text"/></div>                                                                                                                                             | 01                                        | 01                                         | Y N DK<br>1 2 → 8<br>GO TO 14              | <div><input type="text"/></div> <div><input type="text"/></div>                                                                                                                                   | Y N DK<br>1 2 → 8<br>GO TO 16                                                                                                                                                                    | <div><input type="text"/></div> <div><input type="text"/></div> | <div><input type="text"/></div> <div><input type="text"/></div>                                    |
| 02       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | <div><input type="text"/></div> <div><input type="text"/></div>       | 1 2                            | 1 2                                 | 1 2                                   | <div><input type="text"/></div> <div><input type="text"/></div>             | 1 → GO TO NEXT LINE 2<br>GO TO 7A ←                   | <div><input type="text"/></div>                                                                                                                                             | 02                                        | 02                                         | 1 2 → 8<br>GO TO 14                        | <div><input type="text"/></div> <div><input type="text"/></div>                                                                                                                                   | 1 2 → 8<br>GO TO 16                                                                                                                                                                              | <div><input type="text"/></div> <div><input type="text"/></div> | <div><input type="text"/></div> <div><input type="text"/></div>                                    |
| 03       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | <div><input type="text"/></div> <div><input type="text"/></div>       | 1 2                            | 1 2                                 | 1 2                                   | <div><input type="text"/></div> <div><input type="text"/></div>             | 1 → GO TO NEXT LINE 2<br>GO TO 7A ←                   | <div><input type="text"/></div>                                                                                                                                             | 03                                        | 03                                         | 1 2 → 8<br>GO TO 14                        | <div><input type="text"/></div> <div><input type="text"/></div>                                                                                                                                   | 1 2 → 8<br>GO TO 16                                                                                                                                                                              | <div><input type="text"/></div> <div><input type="text"/></div> | <div><input type="text"/></div> <div><input type="text"/></div>                                    |
| 04       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | <div><input type="text"/></div> <div><input type="text"/></div>       | 1 2                            | 1 2                                 | 1 2                                   | <div><input type="text"/></div> <div><input type="text"/></div>             | 1 → GO TO NEXT LINE 2<br>GO TO 7A ←                   | <div><input type="text"/></div>                                                                                                                                             | 04                                        | 04                                         | 1 2 → 8<br>GO TO 14                        | <div><input type="text"/></div> <div><input type="text"/></div>                                                                                                                                   | 1 2 → 8<br>GO TO 16                                                                                                                                                                              | <div><input type="text"/></div> <div><input type="text"/></div> | <div><input type="text"/></div> <div><input type="text"/></div>                                    |
| 05       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | <div><input type="text"/></div> <div><input type="text"/></div>       | 1 2                            | 1 2                                 | 1 2                                   | <div><input type="text"/></div> <div><input type="text"/></div>             | 1 → GO TO NEXT LINE 2<br>GO TO 7A ←                   | <div><input type="text"/></div>                                                                                                                                             | 05                                        | 05                                         | 1 2 → 8<br>GO TO 14                        | <div><input type="text"/></div> <div><input type="text"/></div>                                                                                                                                   | 1 2 → 8<br>GO TO 16                                                                                                                                                                              | <div><input type="text"/></div> <div><input type="text"/></div> | <div><input type="text"/></div> <div><input type="text"/></div>                                    |

**CODES FOR Q. 3: RELATIONSHIP TO HEAD OF HOUSEHOLD**

- |                                    |                               |
|------------------------------------|-------------------------------|
| 01 = HEAD                          | 07 = PARENT-IN-LAW            |
| 02 = WIFE OR HUSBAND               | 08 = BROTHER OR SISTER        |
| 03 = SON OR DAUGHTER               | 09 = OTHER RELATIVE           |
| 04 = SON-IN-LAW OR DAUGHTER-IN-LAW | 10 = ADOPTED/FOSTER/STEPCHILD |
| 05 = GRANDCHILD                    | 11 = NOT RELATED              |
| 06 = PARENT                        | 98 = DON'T KNOW               |

|                                                                                                                                             |                              |              |                             |
|---------------------------------------------------------------------------------------------------------------------------------------------|------------------------------|--------------|-----------------------------|
| 7A) Just to make sure that I have a complete listing: are there any other people such as small children or infants that we have not listed? | YES <input type="checkbox"/> | ADD TO TABLE | NO <input type="checkbox"/> |
| 7B) Are there any other people who may not be members of your family, such as domestic servants, lodgers, or friends who usually live here? | YES <input type="checkbox"/> | ADD TO TABLE | NO <input type="checkbox"/> |
| 7C) Are there any guests or temporary visitors staying here, or anyone else who stayed here last night, who have not been listed?           | YES <input type="checkbox"/> | ADD TO TABLE | NO <input type="checkbox"/> |

HOUSEHOLD SCHEDULE

| LINE NO. | IF AGE 3 YEARS OR OLDER                                                         |                                                                                                                         |                                                                |                                                    |                                                                                                                                                                                                | 17D                                                                                                                                                                        | IF AGE 3-24 YEARS                                                                                                     |                                                                                              | IF AGE 0-4 YEARS                                                                                                                                                                                                       |
|----------|---------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------|----------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          | EVER ATTENDED SCHOOL                                                            |                                                                                                                         |                                                                | CURRENT/RECENT SCHOOL ATTENDANCE                   |                                                                                                                                                                                                |                                                                                                                                                                            | BIRTH REGISTRATION                                                                                                    |                                                                                              |                                                                                                                                                                                                                        |
|          | 16                                                                              | 16A                                                                                                                     | 17A                                                            | 17B                                                | 17C                                                                                                                                                                                            | 17D                                                                                                                                                                        | 18                                                                                                                    | 19                                                                                           | 20                                                                                                                                                                                                                     |
|          | Has (FIRST NAME) ever attended school or any early childhood education program? | What is the total number of completed years of schooling (FIRST NAME) has had, including school and other institutions? | What is the highest level of school (FIRST NAME) has attended? | What is the highest grade completed at that level? | IF 17A: LEVEL "2" OR "3" PRIMARY OR PROFESSIONAL MIDDLE:<br><br>How many classes did (FIRST NAME) completed in general school before (FIRST NAME) enrolled in uchlische, college or technikum? | IF 17A: LEVEL "1" AND 17B CLASS 10 OR CLASS 11, OR IN 17A LEVEL PRIMARY OR LEVEL "3" PROF. MIDDLE:<br><br>Did (FIRST NAME) receive attestat for completing general school? | Did (FIRST NAME) attend school or any early childhood education program at any time during the 2022-2023 school year? | During [this/that] school year, what level and class/course [is/was] (FIRST NAME) attending? | Does (FIRST NAME) have a birth certificate?<br><br>IF NO, PROBE: Has (FIRST NAME)'s birth ever been registered with the civil authority?<br><br>1 = HAS CERTIFICATE<br>2 = REGISTERED<br>3 = NEITHER<br>8 = DON'T KNOW |
| 01       | Y N<br>1 2<br>↓<br>GO TO 20                                                     |                                                                                                                         | LEVEL<br>□                                                     | CLASS/COURSE<br>□ □                                | □ □                                                                                                                                                                                            | Y N<br>1 2<br>↓<br>GO TO 20                                                                                                                                                | Y N<br>1 2<br>↓<br>GO TO 20                                                                                           | LEVEL CLASS/COU<br>□ □ □ □                                                                   | □ □                                                                                                                                                                                                                    |
| 02       | 1 2<br>↓<br>GO TO 20                                                            | □ □                                                                                                                     | □                                                              | □ □                                                | □ □                                                                                                                                                                                            | 1 2<br>↓<br>GO TO 20                                                                                                                                                       | 1 2<br>↓<br>GO TO 20                                                                                                  | □ □ □ □                                                                                      | □ □                                                                                                                                                                                                                    |
| 03       | 1 2<br>↓<br>GO TO 20                                                            | □ □                                                                                                                     | □                                                              | □ □                                                | □ □                                                                                                                                                                                            | 1 2<br>↓<br>GO TO 20                                                                                                                                                       | 1 2<br>↓<br>GO TO 20                                                                                                  | □ □ □ □                                                                                      | □ □                                                                                                                                                                                                                    |
| 04       | 1 2<br>↓<br>GO TO 20                                                            | □ □                                                                                                                     | □                                                              | □ □                                                | □ □                                                                                                                                                                                            | 1 2<br>↓<br>GO TO 20                                                                                                                                                       | 1 2<br>↓<br>GO TO 20                                                                                                  | □ □ □ □                                                                                      | □ □                                                                                                                                                                                                                    |
| 05       | 1 2<br>↓<br>GO TO 20                                                            | □ □                                                                                                                     | □                                                              | □ □                                                | □ □                                                                                                                                                                                            | 1 2<br>↓<br>GO TO 20                                                                                                                                                       | 1 2<br>↓<br>GO TO 20                                                                                                  | □ □ □ □                                                                                      | □ □                                                                                                                                                                                                                    |

CODES FOR Qs. 17 AND 19: EDUCATION

|                          |                                 |
|--------------------------|---------------------------------|
| <b>LEVEL</b>             | <b>CLASS/COURSE</b>             |
| 0 = EARLY CHILDHOOD      | 00 = LESS THAN 1 YEAR COMPLETED |
| 1 = GENERAL SCHOOL(1-11) | (USE "00" FOR Q. 17 ONLY.       |
| 2 = PROFESSIONAL PRIMARY | THIS CODE IS NOT ALLOWED        |
| 3 = PROFESSIONAL MIDDLE  | FOR Q. 19.)                     |
| 4 = HIGHER               | 98 = DON'T KNOW                 |
| 8 = DON'T KNOW           |                                 |

SELECTION OF ONE CHILD FOR CHILD DISCIPLINE

| NO.                  | QUESTIONS AND FILTERS                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | CODING CATEGORIES                                                                                                                                                                                                                                                |                          |                         |                                                                                                                                                                                               |                          |  |                          |      |      |      |   |   |     |   |                                                                                                                                                                                               |                                                                  |   |   |                                                                                                                                                                                               |   |                                                                                                                                                                                               |                                                                  |   |   |                                                                                                                                                                                               |   |                                                                                                                                                                                               |                                                                  |   |   |                                                                                                                                                                                               |   |                                                                                                                                                                                               |                                                                  |   |   |                                                                                                                                                                                               |   |                                                                                                                                                                                               |                                                                  |   |   |                                                                                                                                                                                               |   |                                                                                                                                                                                               |                                                                  |   |   |                                                                                                                                                                                               |   |                                                                                                                                                                                               |                                                                  |   |   |  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| 31                   | CHECK COL. 7 IN THE LIST OF HOUSEHOLD MEMBERS AND WRITE THE TOTAL NUMBER OF CHILDREN AGE 1-14 YEARS.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | TOTAL NUMBER ..... <div style="display: inline-block; width: 40px; height: 20px; border: 1px solid black; vertical-align: middle;"></div> <div style="display: inline-block; width: 40px; height: 20px; border: 1px solid black; vertical-align: middle;"></div> |                          |                         |                                                                                                                                                                                               |                          |  |                          |      |      |      |   |   |     |   |                                                                                                                                                                                               |                                                                  |   |   |                                                                                                                                                                                               |   |                                                                                                                                                                                               |                                                                  |   |   |                                                                                                                                                                                               |   |                                                                                                                       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                                                                |   |   |                                                                                                                                                                                               |   |                                                                                                                                                                                               |                                                                  |   |   |                                                                                                                                                                                               |   |                                                                                                                                                                                               |                                                                  |   |   |  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                                                                                                                  |
| 32                   | <p>CHECK THE NUMBER OF CHILDREN AGE 1-14 YEARS IN 31:</p> <p style="text-align: center;">ZERO <input style="width: 30px; height: 20px; border: 1px solid black;" type="text"/> <span style="font-size: 2em; vertical-align: middle;">→</span></p> <p style="text-align: center;">TWO OR MORE <input style="width: 30px; height: 20px; border: 1px solid black;" type="text"/> <span style="font-size: 2em; vertical-align: middle;">↓</span></p> <p style="text-align: center;">ONE <input style="width: 30px; height: 20px; border: 1px solid black;" type="text"/> <span style="font-size: 2em; vertical-align: middle;">→</span></p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | <p>SKIP TO 51 DOMESTIC VIOLENCE MODULE SELECTION</p> <p>SKIP TO 39 AND RECORD THE RANK NUMBER AS '1', ENTER THE LINE NUMBER, CHILD'S NAME AND AGE</p>                                                                                                            |                          |                         |                                                                                                                                                                                               |                          |  |                          |      |      |      |   |   |     |   |                                            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                                                                                                                  |
| 32A                  | <p>LIST EACH OF THE CHILDREN AGE 1-14 YEARS BELOW IN THE ORDER THEY APPEAR IN THE LIST OF HOUSEHOLD MEMBERS. DO NOT INCLUDE OTHER HOUSEHOLD MEMBERS OUTSIDE OF THE AGE RANGE 1-14 YEARS. RECORD THE LINE NUMBER, NAME, SEX, AND AGE FOR EACH CHILD.</p> <table border="1" style="width:100%; border-collapse: collapse; text-align: center;"> <thead> <tr> <th style="width:10%;">33<br/>RANK<br/>NUMBER</th> <th style="width:10%;">34<br/>HH LINE<br/>NUMBER</th> <th style="width:30%;">35<br/>NAME FROM COL. 2</th> <th colspan="2" style="width:15%;">36<br/>SEX FROM<br/>COL. 4</th> <th style="width:15%;">37<br/>AGE FROM<br/>COL. 7</th> </tr> <tr> <th>RANK</th> <th>LINE</th> <th>NAME</th> <th>M</th> <th>F</th> <th>AGE</th> </tr> </thead> <tbody> <tr><td>1</td><td><div style="display: inline-block; width: 40px; height: 20px; border: 1px solid black;"></div> <div style="display: inline-block; width: 40px; height: 20px; border: 1px solid black;"></div></td><td><div style="border-bottom: 1px solid black; width: 100%;"></div></td><td>1</td><td>2</td><td><div style="display: inline-block; width: 40px; height: 20px; border: 1px solid black;"></div> <div style="display: inline-block; width: 40px; 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| 6                    | <div style="display: inline-block; width: 40px; height: 20px; border: 1px solid black;"></div> <div style="display: inline-block; width: 40px; height: 20px; border: 1px solid black;"></div>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   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| 7                    | <div style="display: inline-block; width: 40px; height: 20px; border: 1px solid black;"></div> <div style="display: inline-block; width: 40px; height: 20px; border: 1px solid black;"></div>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   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| 8                    | <div style="display: inline-block; width: 40px; height: 20px; border: 1px solid black;"></div> <div style="display: inline-block; width: 40px; height: 20px; border: 1px solid black;"></div>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   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| 9                    | <div style="display: inline-block; width: 40px; height: 20px; border: 1px solid black;"></div> <div style="display: inline-block; width: 40px; height: 20px; border: 1px solid black;"></div>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   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SELECTION OF ONE CHILD FOR CHILD DISCIPLINE

- 38 LOOK AT THE LAST DIGIT OF THE HOUSEHOLD NUMBER ON THE COVER PAGE. THIS IS THE ROW NUMBER YOU SHOULD GO TO. CHECK THE TOTAL NUMBER OF ELIGIBLE CHILDREN **31** ON THE PREVIOUS PAGE. THIS IS THE COLUMN NUMBER YOU SHOULD GO TO. FOLLOW THE SELECTED ROW AND COLUMN TO THE CELL WHERE THEY MEET AND CIRCLE THE NUMBER IN THE CELL. THIS IS THE RANK NUMBER OF THE CHILD SELECTED FOR THE CHILD LABOUR/CHILD DISCIPLINE QUESTIONS FROM THE BOX OF ELIGIBLE CHILDREN IN **SL3**. WRITE THE NAME, LINE NUMBER, AND RANK NUMBER OF THE SELECTED CHILD IN THE SPACE BELOW THE TABLE.

EXAMPLE: THE HOUSEHOLD NUMBER IS '716' AND **31** SHOWS THAT THERE ARE THREE ELIGIBLE CHILDREN AGE 1-14 IN THE HOUSEHOLD. SINCE THE LAST DIGIT OF THE HOUSEHOLD NUMBER IS '6' GO TO ROW '6' AND SINCE THERE ARE THREE ELIGIBLE CHILDREN IN THE HOUSEHOLD, GO TO COLUMN '3'. FOLLOW THE ROW AND COLUMN AND FIND THE NUMBER IN THE CELL WHERE THEY MEET ('2') AND CIRCLE THE NUMBER. NOW GO TO **33** AND FIND THE SECOND CHILD. WRITE THE NAME, LINE NUMBER, AND RANK NUMBER OF THE CHILD IN THE SPACE BELOW THE TABLE.

| LAST DIGIT OF THE HOUSEHOLD NUMBER | TOTAL NUMBER OF ELIGIBLE CHILDREN AGE 1-14 IN HOUSEHOLD FROM <b>31</b> |   |   |   |   |   |   |    |
|------------------------------------|------------------------------------------------------------------------|---|---|---|---|---|---|----|
|                                    | 1                                                                      | 2 | 3 | 4 | 5 | 6 | 7 | 8+ |
| 0                                  | 1                                                                      | 2 | 2 | 4 | 3 | 6 | 5 | 4  |
| 1                                  | 1                                                                      | 1 | 3 | 1 | 4 | 1 | 6 | 5  |
| 2                                  | 1                                                                      | 2 | 1 | 2 | 5 | 2 | 7 | 6  |
| 3                                  | 1                                                                      | 1 | 2 | 3 | 1 | 3 | 1 | 7  |
| 4                                  | 1                                                                      | 2 | 3 | 4 | 2 | 4 | 2 | 8  |
| 5                                  | 1                                                                      | 1 | 1 | 1 | 3 | 5 | 3 | 1  |
| 6                                  | 1                                                                      | 2 | 2 | 2 | 4 | 6 | 4 | 2  |
| 7                                  | 1                                                                      | 1 | 3 | 3 | 5 | 1 | 5 | 3  |
| 8                                  | 1                                                                      | 2 | 1 | 4 | 1 | 2 | 6 | 4  |
| 9                                  | 1                                                                      | 1 | 2 | 1 | 2 | 3 | 7 | 5  |

39 NAME  
OF SELECTED CHILD \_\_\_\_\_

HH LINE NUMBER  
OF SELECTED CHILD

|  |  |
|--|--|
|  |  |
|--|--|

CHILD'S SEX ..... M F  
1 2

RANK NUMBER  
OF SELECTED CHILD

|  |  |
|--|--|
|  |  |
|--|--|



## CHILD DISCIPLINE

| NO. | QUESTIONS AND FILTERS                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | CODING CATEGORIES                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | SKIP |
|-----|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|
| 41  | CHECK THE SELECTED CHILD'S AGE FROM 7:<br><br>1-14 YEARS <input type="checkbox"/> 15-17 YEARS <input type="checkbox"/>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | → 51 |
| 42  | WRITE DOWN THE LINE NUMBER, NAME, AND SEX OF THE CHILD FROM 39.<br><br>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | LINE NUMBER .....<br><br>NAME _____<br><br>CHILD'S SEX..... M F<br>1 2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |      |
| 43  | Adults use certain ways to teach children the right behaviour or to address a behaviour problem. I will read various methods that are used. Please tell me if you or anyone other adult in the household has used this method with (CHILD NAME) in the past month.<br><br>CHECK 42:<br><br>MALE <input type="checkbox"/> FEMALE <input type="checkbox"/><br><br>a1) Took away privileges, forbade something (CHILD NAME) liked or did not allow him to leave the house.<br><br>b) Explained why (CHILD NAME)'s behaviour was wrong.<br><br>c1) Shook him.<br><br>d1) Shouted, yelled at or screamed at him.<br><br>e1) Gave him something else to do.<br><br>f1) Spanked, hit or slapped him on the bottom with bare hand.<br><br>g1) Hit him on the bottom or elsewhere on the body with something like a belt, hairbrush, stick, or other hard object.<br><br>h1) Called him dumb, lazy, or another name like that.<br><br>i1) Hit or slapped him on the face, head, or ears.<br><br>j1) Hit or slapped him on the hand, arm, or leg.<br><br>k1 Beat him up, that is hit him over and over as hard as one could. | a2) Took away privileges, forbade something (CHILD NAME) liked or did not allow her to leave the house.<br><br>b) Explained why (CHILD NAME)'s behaviour was wrong.<br><br>c2) Shook her.<br><br>d2) Shouted, yelled at or screamed at her.<br><br>e2) Gave her something else to do.<br><br>f2) Spanked, hit or slapped her on the bottom with bare hand.<br><br>g2) Hit her on the bottom or elsewhere on the body with something like a belt, hairbrush, stick, or other hard object.<br><br>h2) Called her dumb, lazy, or another name like that.<br><br>i2) Hit or slapped her on the face, head, or ears.<br><br>j2) Hit or slapped her on the hand, arm, or leg.<br><br>k2 Beat her up, that is hit her over and over as hard as one could.<br><br>YES NO<br>a) TOOK AWAY PRIVILEGES ..... 1 2<br><br>b) EXPLAINED WRONG BEHAVIOUR .. 1 2<br><br>c) SHOOK HIM/HER ..... 1 2<br><br>d) SHOUTED, YELLED, SCREAMED .. 1 2<br><br>e) GAVE SOMETHING ELSE TO DO ..... 1 2<br><br>f) HIT ON BOTTOM WITH BARE HAND .. 1 2<br><br>g) HIT WITH HARD OBJECT ..... 1 2<br><br>h) CALLED NAME ..... 1 2<br><br>i) HIT ON HEAD/FACE/EARS ..... 1 2<br><br>j) HIT ON HAND/ARM/LEG ..... 1 2<br><br>k) BEAT HIM/HER UP ..... 1 2 |      |
| 44  | Do you believe that in order to bring up, raise or educate a child properly, the child needs to be physically punished?                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | YES ..... 1<br>NO ..... 2<br>DON'T KNOW / NO OPINION ..... 8                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |      |

SELECTION OF WOMAN FOR THE DOMESTIC VIOLENCE QUESTIONS (PAPER OPTION)

| No                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | QUESTIONS AND FILTERS                                                                                                                                                                       | CODING CATEGORIES                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | SKIPS                                                                                          |   |                                                                                                |                                                                                                |   |    |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------|---|------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------|---|----|
| 51                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | CHECK COLUMNS 4, 7 AND 9 IN HOUSEHOLD SCHEDULE AND RECORD TOTAL NUMBER OF WOMEN AGE 15-49.                                                                                                  | TOTAL WOMEN AGE 15-49: . . . . .                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | <div style="border: 1px solid black; width: 40px; height: 20px; display: inline-block;"></div> |   |                                                                                                |                                                                                                |   |    |
| 52                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | CHECK 51 FOR TOTAL NUMBER OF WOMEN AGE 15-49<br><br>TWO OR MORE <div style="border: 1px solid black; width: 20px; height: 15px; display: inline-block; vertical-align: middle;"></div><br>↓ | <div style="display: flex; justify-content: space-between; align-items: flex-start;"> <div style="width: 40%;"> ZERO . . . . . <div style="border: 1px solid black; width: 20px; height: 15px; display: inline-block; vertical-align: middle;"></div> <br/><br/> ONE . . . . . <div style="border: 1px solid black; width: 20px; height: 15px; display: inline-block; vertical-align: middle;"></div> </div> <div style="width: 5%; text-align: center;">→</div> <div style="width: 55%;"> 101<br/><br/><br/> 53 </div> </div> |                                                                                                |   |                                                                                                |                                                                                                |   |    |
| <p>LOOK AT THE LAST DIGIT OF THE HOUSEHOLD QUESTIONNAIRE SERIAL NUMBER ON THE COVER PAGE. THIS IS THE ROW NUMBER YOU SHOULD GO TO. CHECK THE TOTAL NUMBER OF ELIGIBLE WOMEN (COLUMN 9) IN THE HOUSEHOLD SCHEDULE. THIS IS THE COLUMN NUMBER YOU SHOULD GO TO. FOLLOW THE SELECTED ROW AND COLUMN TO THE CELL WHERE THEY MEET AND CIRCLE THE NUMBER IN THE CELL. THIS IS THE NUMBER OF THE WOMAN SELECTED FOR THE DOMESTIC VIOLENCE QUESTIONS FROM THE LIST OF ELIGIBLE WOMEN IN COLUMN 9 OF THE HOUSEHOLD SCHEDULE. WRITE THE NAME AND LINE NUMBER OF THE SELECTED WOMAN IN THE SPACE BELOW THE TABLE.</p> <p><b>EXAMPLE:</b> THE HOUSEHOLD QUESTIONNAIRE SERIAL NUMBER IS '716' AND THE HOUSEHOLD SCHEDULE COLUMN 9 SHOWS THAT THERE ARE THREE ELIGIBLE WOMEN AGE 15-49 IN THE HOUSEHOLD (LINE NUMBERS 02, 04, AND 05). SINCE THE LAST DIGIT OF THE HOUSEHOLD SERIAL NUMBER IS '6' GO TO ROW '6' AND SINCE THERE ARE THREE ELIGIBLE WOMEN IN THE HOUSEHOLD, GO TO COLUMN '3'. FOLLOW THE ROW AND COLUMN AND FIND THE NUMBER IN THE CELL WHERE THEY MEET ('2') AND CIRCLE THE NUMBER. NOW GO TO THE HOUSEHOLD SCHEDULE AND FIND THE SECOND WOMAN WHO IS ELIGIBLE FOR THE WOMAN'S INTERVIEW (LINE NUMBER '04' IN THIS EXAMPLE). WRITE HER NAME AND LINE NUMBER IN THE SPACE BELOW</p> |                                                                                                                                                                                             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                |   |                                                                                                |                                                                                                |   |    |
| LAST DIGIT OF THE HOUSEHOLD QUESTIONNAIRE SERIAL NUMBER                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | TOTAL NUMBER OF ELIGIBLE WOMEN AGE 15-49 IN HOUSEHOLD SCHEDULE COLUMN 9                                                                                                                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                |   |                                                                                                |                                                                                                |   |    |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 1                                                                                                                                                                                           | 2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 3                                                                                              | 4 | 5                                                                                              | 6                                                                                              | 7 | 8+ |
| 0                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 1                                                                                                                                                                                           | 2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 2                                                                                              | 4 | 3                                                                                              | 6                                                                                              | 5 | 4  |
| 1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 1                                                                                                                                                                                           | 1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 3                                                                                              | 1 | 4                                                                                              | 1                                                                                              | 6 | 5  |
| 2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 1                                                                                                                                                                                           | 2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 1                                                                                              | 2 | 5                                                                                              | 2                                                                                              | 7 | 6  |
| 3                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 1                                                                                                                                                                                           | 1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 2                                                                                              | 3 | 1                                                                                              | 3                                                                                              | 1 | 7  |
| 4                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 1                                                                                                                                                                                           | 2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 3                                                                                              | 4 | 2                                                                                              | 4                                                                                              | 2 | 8  |
| 5                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 1                                                                                                                                                                                           | 1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 1                                                                                              | 1 | 3                                                                                              | 5                                                                                              | 3 | 1  |
| 6                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 1                                                                                                                                                                                           | 2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 2                                                                                              | 2 | 4                                                                                              | 6                                                                                              | 4 | 2  |
| 7                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 1                                                                                                                                                                                           | 1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 3                                                                                              | 3 | 5                                                                                              | 1                                                                                              | 5 | 3  |
| 8                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 1                                                                                                                                                                                           | 2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 1                                                                                              | 4 | 1                                                                                              | 2                                                                                              | 6 | 4  |
| 9                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 1                                                                                                                                                                                           | 1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 2                                                                                              | 1 | 2                                                                                              | 3                                                                                              | 7 | 5  |
| 53                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | NAME OF SELECTED WOMAN _____                                                                                                                                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | HH LINE NUMBER OF SELECTED WOMAN                                                               |   | <div style="border: 1px solid black; width: 40px; height: 20px; display: inline-block;"></div> | <div style="border: 1px solid black; width: 40px; height: 20px; display: inline-block;"></div> |   |    |

## HOUSEHOLD CHARACTERISTICS

| NO. | QUESTIONS AND FILTERS                                                                                       | CODING CATEGORIES                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | SKIP                                                                                                                                                                                                                                                                         |
|-----|-------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 101 | What is the main source of drinking water for members of your household?                                    | <b>PIPED WATER</b><br>PIPED INTO DWELLING ..... 11<br>PIPED TO YARD/PLOT ..... 12<br>PIPED TO NEIGHBOR ..... 13<br>PUBLIC TAP/STANDPIPE ..... 14<br><br>TUBE WELL OR BOREHOLE ..... 21<br><b>DUG WELL</b><br>PROTECTED WELL ..... 31<br>UNPROTECTED WELL ..... 32<br><b>WATER FROM SPRING</b><br>PROTECTED SPRING ..... 41<br>UNPROTECTED SPRING ..... 42<br><br>RAINWATER ..... 51<br>TANKER TRUCK ..... 61<br>CART WITH SMALL TANK ..... 71<br>SURFACE WATER (RIVER/DAM/<br>LAKE/POND/STREAM/CANAL/<br>IRRIGATION CHANNEL) ..... 81<br>BOTTLED WATER ..... 91<br><br>OTHER _____ 96<br>(SPECIFY) | <div style="position: relative; height: 100px;"> <span style="position: absolute; top: 0; right: -20px;">→ 106</span> <span style="position: absolute; bottom: 0; right: -20px;">→ 103</span> <span style="position: absolute; bottom: 0; right: -20px;">→ 103</span> </div> |
| 102 | What is the main source of water used by your household for other purposes such as cooking and handwashing? | <b>PIPED WATER</b><br>PIPED INTO DWELLING ..... 11<br>PIPED TO YARD/PLOT ..... 12<br>PIPED TO NEIGHBOR ..... 13<br>PUBLIC TAP/STANDPIPE ..... 14<br><br>TUBE WELL OR BOREHOLE ..... 21<br><b>DUG WELL</b><br>PROTECTED WELL ..... 31<br>UNPROTECTED WELL ..... 32<br><b>WATER FROM SPRING</b><br>PROTECTED SPRING ..... 41<br>UNPROTECTED SPRING ..... 42<br><br>RAINWATER ..... 51<br>TANKER TRUCK ..... 61<br>CART WITH SMALL TANK ..... 71<br>SURFACE WATER (RIVER/DAM/<br>LAKE/POND/STREAM/CANAL/<br>IRRIGATION CHANNEL) ..... 81<br><br>OTHER _____ 96<br>(SPECIFY)                           | <div style="position: relative; height: 100px;"> <span style="position: absolute; top: 0; right: -20px;">→ 106</span> </div>                                                                                                                                                 |
| 103 | Where is that water source located?                                                                         | IN OWN DWELLING ..... 1<br>IN OWN YARD/PLOT ..... 2<br>ELSEWHERE ..... 3                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | <div style="position: relative; height: 100px;"> <span style="position: absolute; top: 0; right: -20px;">→ 106</span> </div>                                                                                                                                                 |
| 104 | How long does it take to go there, get water, and come back?                                                | MINUTES ..... <div style="display: inline-block; width: 40px; height: 20px; border: 1px solid black; margin-right: 5px;"></div> <div style="display: inline-block; width: 40px; height: 20px; border: 1px solid black; margin-right: 5px;"></div> <div style="display: inline-block; width: 40px; height: 20px; border: 1px solid black;"></div><br><br>DON'T KNOW ..... 998                                                                                                                                                                                                                       |                                                                                                                                                                                                                                                                              |

# HOUSEHOLD CHARACTERISTICS

| NO. | QUESTIONS AND FILTERS                                                                                                                                                                                                  | CODING CATEGORIES                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | SKIP  |  |  |
|-----|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|--|--|
| 105 | Who usually goes to this source to collect the water for your household?<br><br>RECORD THE PERSON'S NAME AND LINE NUMBER FROM THE HOUSEHOLD SCHEDULE. IF THE PERSON IS NOT LISTED IN THE HOUSEHOLD ROSTER, RECORD '00' | NAME _____<br><br>LINE NUMBER ..... <table border="1" style="display: inline-table; vertical-align: middle;"><tr><td style="width: 20px; height: 20px;"></td><td style="width: 20px; height: 20px;"></td></tr></table>                                                                                                                                                                                                                                                                                  |       |  |  |
|     |                                                                                                                                                                                                                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |       |  |  |
| 106 | In the last month, has there been any time when your household did not have sufficient quantities of drinking water when needed?                                                                                       | YES ..... 1<br>NO ..... 2<br>DON'T KNOW ..... 8                                                                                                                                                                                                                                                                                                                                                                                                                                                         |       |  |  |
| 107 | Do you do anything to the water to make it safer to drink?                                                                                                                                                             | YES ..... 1<br>NO ..... 2<br>DON'T KNOW ..... 8                                                                                                                                                                                                                                                                                                                                                                                                                                                         | → 109 |  |  |
| 108 | What do you usually do to make the water safer to drink?<br><br>Anything else?<br><br>RECORD ALL MENTIONED.                                                                                                            | BOIL ..... A<br><br>STRAIN THROUGH A CLOTH ..... C<br>USE WATER FILTER (CERAMIC/<br>SAND/COMPOSITE/ETC) ..... D<br><br>LET IT STAND AND SETTLE ..... F<br><br>OTHER ..... X<br>(SPECIFY)<br>DON'T KNOW ..... Z                                                                                                                                                                                                                                                                                          |       |  |  |
| 109 | What kind of toilet facility do members of your household usually use?<br><br>IF NOT POSSIBLE TO DETERMINE, ASK PERMISSION TO OBSERVE THE FACILITY.                                                                    | <b>FLUSH OR POUR FLUSH TOILET</b><br>FLUSH TO PIPED SEWER SYSTEM ..... 11<br>FLUSH TO SEPTIC TANK ..... 12<br>FLUSH TO PIT LATRINE ..... 13<br>FLUSH TO SOMEWHERE ELSE ..... 14<br>FLUSH, DON'T KNOW WHERE ..... 15<br><b>PIT LATRINE</b><br>VENTILATED IMPROVED PIT LATRINE ..... 21<br>PIT LATRINE WITH SLAB ..... 22<br>PIT LATRINE WITHOUT SLAB/OPEN PIT ..... 23<br><br>COMPOSTING TOILET ..... 31<br>BUCKET TOILET ..... 41<br><br>NO FACILITY/BUSH/FIELD ..... 61<br>OTHER ..... 96<br>(SPECIFY) | → 117 |  |  |
| 110 | Do you share this toilet facility with other households?                                                                                                                                                               | YES ..... 1<br>NO ..... 2                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | → 112 |  |  |
| 111 | Including your own household, how many households use this toilet facility?                                                                                                                                            | NO. OF HOUSEHOLDS<br>IF LESS THAN 10 ..... <table border="1" style="display: inline-table; vertical-align: middle;"><tr><td style="width: 20px; height: 20px; text-align: center;">0</td><td style="width: 20px; height: 20px;"></td></tr></table><br><br>10 OR MORE HOUSEHOLDS ..... 95<br>DON'T KNOW ..... 98                                                                                                                                                                                         | 0     |  |  |
| 0   |                                                                                                                                                                                                                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |       |  |  |
| 112 | Where is this toilet facility located?                                                                                                                                                                                 | IN OWN DWELLING ..... 1<br>IN OWN YARD/PLOT ..... 2<br>ELSEWHERE ..... 3                                                                                                                                                                                                                                                                                                                                                                                                                                |       |  |  |

HOUSEHOLD CHARACTERISTICS

| NO. | QUESTIONS AND FILTERS                                                                                                                                                                                                                                                                                                                                                                                            | CODING CATEGORIES                                                                                                                                                                                                                                                                                                                                                                                                | SKIP                                               |
|-----|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------|
| 113 | CHECK 109:<br>CODES 12, 13, 21, 22, 23, OR 31 CIRCLED <input type="checkbox"/>                                                                                                                                                                                                                                                                                                                                   | OTHER <input type="checkbox"/>                                                                                                                                                                                                                                                                                                                                                                                   | → 117                                              |
| 114 | CHECK 109:<br>CODE 12 <input type="checkbox"/><br>CODE 13, 21, 22, OR 23 <input type="checkbox"/><br>CODE 31 <input type="checkbox"/><br>a) Has your septic tank ever been emptied?<br>b) Has your pit latrine ever been emptied?<br>c) Has your composting toilet ever been emptied?                                                                                                                            | YES ..... 1<br>NO ..... 2<br>DON'T KNOW ..... 8                                                                                                                                                                                                                                                                                                                                                                  | → 117                                              |
| 115 | CHECK 109:<br>CODE 12 <input type="checkbox"/><br>CODE 13, 21, 22, OR 23 <input type="checkbox"/><br>CODE 31 <input type="checkbox"/><br>a) The last time the septic tank was emptied, was it emptied by a service provider?<br>b) The last time the pit latrine was emptied, was it emptied by a service provider?<br>c) The last time the composting toilet was emptied, was it emptied by a service provider? | YES ..... 1<br>NO ..... 2<br>DON'T KNOW ..... 8                                                                                                                                                                                                                                                                                                                                                                  |                                                    |
| 116 | Where were the contents emptied to?                                                                                                                                                                                                                                                                                                                                                                              | A TREATMENT PLANT ..... 1<br>BURIED IN A COVERED PIT ..... 2<br>UNCOVERED PIT/BUSH/FIELD/<br>OPEN GROUND ..... 3<br>SURFACE WATER (RIVER/DAM/<br>LAKE/POND/STREAM/CANAL/<br>IRRIGATION CHANNEL) ..... 4<br>OTHER ..... 6<br>(SPECIFY)<br>DON'T KNOW ..... 8                                                                                                                                                      |                                                    |
| 117 | In your household, what type of cookstove is mainly used for cooking?                                                                                                                                                                                                                                                                                                                                            | ELECTRIC STOVE ..... 01<br>LIQUEFIED PETROLEUM GAS (LPG)/<br>COOKING GAS STOVE ..... 03<br>PIPED NATURAL GAS STOVE ..... 04<br>BIOGAS STOVE ..... 05<br>LIQUID FUEL STOVE ..... 06<br>MANUFACTURED SOLID FUEL STOVE ..... 07<br>TRADITIONAL SOLID FUEL STOVE ..... 08<br>THREE STONE STOVE/OPEN FIRE ..... 09<br>MICROWAVE STOVE ..... 10<br>NO FOOD COOKED IN HOUSEHOLD ..... 95<br>OTHER ..... 96<br>(SPECIFY) | → 121<br>→ 120<br>→ 120<br>→ 121<br>→ 123<br>→ 120 |
| 118 | Does the stove have a chimney?                                                                                                                                                                                                                                                                                                                                                                                   | YES ..... 1<br>NO ..... 2<br>DON'T KNOW ..... 8                                                                                                                                                                                                                                                                                                                                                                  |                                                    |

## HOUSEHOLD CHARACTERISTICS

| NO. | QUESTIONS AND FILTERS                                                                                                                                                      | CODING CATEGORIES                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | SKIP                                                      |
|-----|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------|
| 120 | What type of fuel or energy source is used in this cookstove?                                                                                                              | GASOLINE/DIESEL ..... 02<br>KEROSENE ..... 03<br>COAL/LIGNITE ..... 04<br>CHARCOAL ..... 05<br>WOOD ..... 06<br>STRAW/SHRUBS/GRASS ..... 07<br>AGRICULTURAL CROP ..... 08<br>ANIMAL DUNG/WASTE ..... 09<br>PROCESSED BIOMASS (PELLETS) OR WOODCHIPS ..... 10<br>GARBAGE/PLASTIC ..... 11<br>SAWDUST ..... 12<br><br>OTHER _____ 96<br>(SPECIFY)                                                                                                                                                                                |                                                           |
| 121 | Is the cooking usually done in the house, in a separate building, or outdoors?                                                                                             | IN THE HOUSE ..... 1<br>IN A SEPARATE BUILDING ..... 2<br>OUTDOORS ..... 3<br><br>OTHER _____ 6<br>(SPECIFY)                                                                                                                                                                                                                                                                                                                                                                                                                   | } → 123                                                   |
| 122 | Do you have a separate room which is used as a kitchen?                                                                                                                    | YES ..... 1<br>NO ..... 2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                                           |
| 123 | What does this household use to heat the home when needed?<br><br>IF THE RESPONDENT SAYS ELECTRICITY OR GAS,<br>ASK: What type of heater is the (electricity/gas) used in? | CENTRAL HEATING ..... 01<br><br>MANUFACTURED SPACE HEATER ..... 02<br>TRADITIONAL SPACE HEATER ..... 03<br>MANUFACTURED COOKSTOVE ..... 04<br>TRADITIONAL COOKSTOVE ..... 05<br>THREE STONE STOVE/OPEN FIRE ..... 06<br>AIRCONDITIONER WINTER-SUMME..... 07<br>NO SPACE HEATING IN HOUSEHOLD/NO NEED ..... 95<br><br>OTHER _____ 96<br>(SPECIFY)                                                                                                                                                                               | → 125<br><br><br><br><br>→ 125<br>→ 125<br>→ 126<br>→ 125 |
| 124 | Does it have a chimney?                                                                                                                                                    | YES ..... 1<br>NO ..... 2<br>DON'T KNOW ..... 8                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                           |
| 125 | What type of fuel or energy source is used in this heater?                                                                                                                 | ELECTRICITY ..... 01<br>PIPED NATURAL GAS ..... 02<br><br>LIQUEFIED PETROLEUM GAS (LPG)/<br>COOKING GAS ..... 04<br>BIOGAS ..... 05<br><br>GASOLINE/DIESEL ..... 07<br>KEROSENE ..... 08<br>COAL/LIGNITE ..... 09<br>CHARCOAL ..... 10<br>WOOD ..... 11<br>STRAW/SHRUBS/GRASS ..... 12<br>AGRICULTURAL CROP ..... 13<br>ANIMAL DUNG/WASTE ..... 14<br>PROCESSED BIOMASS (PELLETS) OR WOODCHIPS ..... 15<br>GARBAGE/PLASTIC ..... 16<br>SAWDUST ..... 17<br>THERMO ELECTRO CENTRAL (TEC)..... 18<br>OTHER _____ 96<br>(SPECIFY) |                                                           |

# HOUSEHOLD CHARACTERISTICS

| NO. | QUESTIONS AND FILTERS                                                                                                                                                                                                                                                                                                                                | CODING CATEGORIES                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | SKIP  |
|-----|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|
| 126 | At night, what does your household mainly use to light the home?                                                                                                                                                                                                                                                                                     | ELECTRICITY ..... 01<br>SOLAR LANTERN ..... 02<br>RECHARGEABLE FLASHLIGHT, TORCH OR LANTERN ..... 03<br>BATTERY POWERED FLASHLIGHT, TORCH OR LANTERN ..... 04<br>BIOGAS LAMP ..... 05<br>GASOLINE LAMP ..... 06<br>KEROSENE LAMP ..... 07<br>CHARCOAL ..... 08<br>WOOD ..... 09<br>STRAW/SHRUBS/GRASS ..... 10<br>AGRICULTURAL CROP ..... 11<br>ANIMAL DUNG/WASTE ..... 12<br>OIL LAMP ..... 13<br>CANDLE ..... 14<br><br>NO LIGHTING IN HOUSEHOLD ..... 95<br>OTHER ..... 96<br>(SPECIFY)                                                                                                            |       |
| 127 | How many rooms in this household are used for sleeping?                                                                                                                                                                                                                                                                                              | ROOMS ..... <input type="text"/> <input type="text"/>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |       |
| 128 | Does this household own any livestock, herds, other farm animals, or poultry?                                                                                                                                                                                                                                                                        | YES ..... 1<br>NO ..... 2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | → 130 |
| 129 | How many of the following animals does this household own?<br><br>IF NONE, RECORD '00'.<br>IF MORE THAN 95, RECORD '95'.<br>IF UNKNOWN, RECORD '98'.<br>a) Milk cows or bulls?<br>b) Other cattle?<br>c) Horses, donkeys, or mules?<br>d) Goats?<br>e) Sheep?<br>f) Chickens or other poultry?<br>g) Rabbits?<br>h) Animals for fur?<br>i) Beehives? | a) COWS/BULLS ..... <input type="text"/> <input type="text"/><br>b) OTHER CATTLE ..... <input type="text"/> <input type="text"/><br>c) HORSES/DONKEYS/MULES ..... <input type="text"/> <input type="text"/><br>d) GOATS ..... <input type="text"/> <input type="text"/><br>e) SHEEP ..... <input type="text"/> <input type="text"/><br>f) CHICKENS/POULTRY ..... <input type="text"/> <input type="text"/><br>g) RABBITS ..... <input type="text"/> <input type="text"/><br>h) FUR ANIMALS ..... <input type="text"/> <input type="text"/><br>i) BEES ..... <input type="text"/> <input type="text"/> |       |
| 130 | Does any member of this household using any agricultural land?                                                                                                                                                                                                                                                                                       | YES ..... 1<br>NO ..... 2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | → 132 |
| 131 | How many ares of agricultural land do members of this household use?<br><br>IF 9500 OR MORE, RECORD '9950'.                                                                                                                                                                                                                                          | ARES ..... <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/><br>9500 OR MORE ARES ..... 9995<br>DON'T KNOW ..... 9998                                                                                                                                                                                                                                                                                                                                                                                                                                               |       |

# HOUSEHOLD CHARACTERISTICS

| NO.  | QUESTIONS AND FILTERS                                                                                                                                                                   | CODING CATEGORIES                                                                                                                                       |    | SKIP  |
|------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------|----|-------|
|      |                                                                                                                                                                                         | YES                                                                                                                                                     | NO |       |
| 132  | Does your household have:                                                                                                                                                               |                                                                                                                                                         |    |       |
|      | a) Electricity?                                                                                                                                                                         | a) ELECTRICITY ..... 1                                                                                                                                  | 2  |       |
|      | b) A radio?                                                                                                                                                                             | b) RADIO ..... 1                                                                                                                                        | 2  |       |
|      | c) A television?                                                                                                                                                                        | c) TELEVISION ..... 1                                                                                                                                   | 2  |       |
|      | d) A non-mobile telephone?                                                                                                                                                              | d) NON-MOBILE TELEPHONE .. 1                                                                                                                            | 2  |       |
|      | e) A computer?                                                                                                                                                                          | e) COMPUTER ..... 1                                                                                                                                     | 2  |       |
|      | f) A refrigerator?                                                                                                                                                                      | f) REFRIGERATOR ..... 1                                                                                                                                 | 2  |       |
|      | g) A washing machine?                                                                                                                                                                   | g) WASHING MACHINE ..... 1                                                                                                                              | 2  |       |
|      | h) A vacuum cleaner?                                                                                                                                                                    | h) VACUUM ..... 1                                                                                                                                       | 2  |       |
|      | i) A microwave?                                                                                                                                                                         | i) MICROWAVE ..... 1                                                                                                                                    | 2  |       |
|      | j) A video camera?                                                                                                                                                                      | j) VIDEOCAMERA ..... 1                                                                                                                                  | 2  |       |
|      | k) A table or a hon-tohta?                                                                                                                                                              | k) TABLE/HON TOHTA ..... 1                                                                                                                              | 2  |       |
|      | l) A chair?                                                                                                                                                                             | l) CHAIR ..... 1                                                                                                                                        | 2  |       |
|      | m) A sofa?                                                                                                                                                                              | m) SOFA ..... 1                                                                                                                                         | 2  |       |
|      | n) A bed?                                                                                                                                                                               | n) BED ..... 1                                                                                                                                          | 2  |       |
|      | o) A wall unit, or a buffet, or a curio cabinet?                                                                                                                                        | o) BUFFET/ CURIO/ WALL UNIT .. 1                                                                                                                        | 2  |       |
|      | p) An air conditioner?                                                                                                                                                                  | p) AIR CONDITIONER ..... 1                                                                                                                              | 2  |       |
|      | q) A DVD player?                                                                                                                                                                        | q) DVD PLAYER ..... 1                                                                                                                                   | 2  |       |
|      | r) A satellite antenna or a cable TV channels?                                                                                                                                          | r) SATELITE ANTENNA/DISH/CABLI 1                                                                                                                        | 2  |       |
|      | s) A freezer?                                                                                                                                                                           | s) FREEZER ..... 1                                                                                                                                      | 2  |       |
|      | t) An electric fan?                                                                                                                                                                     | t) FAN ELECTRIC ..... 1                                                                                                                                 | 2  |       |
|      | u) A sewing machine?                                                                                                                                                                    | u) SEWING MACHINE ..... 1                                                                                                                               | 2  |       |
|      | v) In-door heater?                                                                                                                                                                      | v) INDOOR HEATE ..... 1                                                                                                                                 | 2  |       |
|      | w) A mini-generator like "dvizhok"?                                                                                                                                                     | w) GENERATOR ..... 1                                                                                                                                    | 2  |       |
|      | x) A fuel or wood stock?                                                                                                                                                                | x) WOOD ..... 1                                                                                                                                         | 2  |       |
|      | y) A carpet?                                                                                                                                                                            | y) CARPET ..... 1                                                                                                                                       | 2  |       |
|      | z) A connection to the Internet?                                                                                                                                                        | z) INTERNET CONNECTION ..... 1                                                                                                                          | 2  |       |
|      | tt) A dishwashing machine?                                                                                                                                                              | tt) DISHWASHING MACHINE ..... 1                                                                                                                         | 2  |       |
|      | uu) A clothes dryer machine?                                                                                                                                                            | uu) DRYER FOR CLOTHES ..... 1                                                                                                                           | 2  |       |
|      | vv) Electric water heater like a Termix?                                                                                                                                                | vv) WATER HEATER TERMIX ..... 1                                                                                                                         | 2  |       |
| 133  | Does any member of this household own:                                                                                                                                                  |                                                                                                                                                         |    |       |
|      | a) A watch?                                                                                                                                                                             | a) WATCH ..... 1                                                                                                                                        | 2  |       |
|      | b) A mobile phone?                                                                                                                                                                      | b) MOBILE PHONE ..... 1                                                                                                                                 | 2  |       |
|      | c) A bicycle?                                                                                                                                                                           | c) BICYCLE ..... 1                                                                                                                                      | 2  |       |
|      | d) A motorcycle or motor scooter?                                                                                                                                                       | d) MOTORCYCLE/SCOOTER .. 1                                                                                                                              | 2  |       |
|      | e) An animal-drawn cart?                                                                                                                                                                | e) ANIMAL-DRAWN CART ..... 1                                                                                                                            | 2  |       |
|      | f) A car?                                                                                                                                                                               | f) CAR ..... 1                                                                                                                                          | 2  |       |
|      | g) A boat with a motor?                                                                                                                                                                 | g) BOAT WITH MOTOR ..... 1                                                                                                                              | 2  |       |
|      | h) A truck?                                                                                                                                                                             | h) TRUCK ..... 1                                                                                                                                        | 2  |       |
|      | i) A tractor?                                                                                                                                                                           | i) TRACTOR ..... 1                                                                                                                                      | 2  |       |
|      | j) A combine-harvester?                                                                                                                                                                 | j) COMBINE- HARVERSTER ..... 1                                                                                                                          | 2  |       |
|      | k) Any agricultural equipment, such as a plow, a trailer, a mower or similar?                                                                                                           | k) ANY AGRYCULT. EQUIPMENT/<br>PLOW/ TRAILER/<br>MOWER ..... 1                                                                                          | 2  |       |
| 134  | Does any member of this household have an account in a bank or other financial institution?                                                                                             | YES ..... 1<br>NO ..... 2                                                                                                                               |    | → 135 |
| 134A | How many of them are women and how many are men?                                                                                                                                        | WOMEN TOTAL ..... <input type="text"/> <input type="text"/><br><br>MEN TOTAL ..... <input type="text"/> <input type="text"/><br><br>DON'T KNOW ..... 98 |    |       |
| 135  | Does any member of this household use a mobile phone to make financial transactions such as sending or receiving money, paying bills, purchasing goods or services, or receiving wages? | YES ..... 1<br>NO ..... 2                                                                                                                               |    |       |



HOUSEHOLD CHARACTERISTICS

| NO.  | QUESTIONS AND FILTERS                                                                                                                                                                            | CODING CATEGORIES                                                                                                                                                                                                                                                                                                                                                                                                                         | SKIP   |  |  |  |  |
|------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------|--|--|--|--|
| 136  | How often does anyone smoke inside your house? Would you say daily, weekly, monthly, less often than once a month, or never?                                                                     | DAILY ..... 1<br>WEEKLY ..... 2<br>MONTHLY ..... 3<br>LESS OFTEN THAN ONCE A MONTH ..... 4<br>NEVER ..... 5                                                                                                                                                                                                                                                                                                                               |        |  |  |  |  |
| 136A | In the past 12 month, has any member of the household worked abroad for three or more months at a time, including those currently working abroad?                                                | YES ..... 1<br>NO ..... 2<br>DON'T KNOW ..... 8                                                                                                                                                                                                                                                                                                                                                                                           | → 136D |  |  |  |  |
| 136B | How many of them are women and how many are men?                                                                                                                                                 | WOMEN TOTAL ..... <table border="1" style="display: inline-table; vertical-align: middle;"><tr><td style="width: 30px; height: 20px;"></td><td style="width: 30px; height: 20px;"></td></tr></table><br><br>MEN TOTAL ..... <table border="1" style="display: inline-table; vertical-align: middle;"><tr><td style="width: 30px; height: 20px;"></td><td style="width: 30px; height: 20px;"></td></tr></table><br><br>DON'T KNOW ..... 98 |        |  |  |  |  |
|      |                                                                                                                                                                                                  |                                                                                                                                                                                                                                                                                                                                                                                                                                           |        |  |  |  |  |
|      |                                                                                                                                                                                                  |                                                                                                                                                                                                                                                                                                                                                                                                                                           |        |  |  |  |  |
| 136C | During the last time, when the household member worked abroad for three or more months, in which country did this person work, or still working?                                                 | RUSSIA ..... 1<br>KAZAKHSTAN ..... 2<br>OTHER FORMER USSR ..... 3<br>MIDDLE EAST/DUBAI ..... 4<br>EUROPE ..... 5<br>OTHER FARAWAY ABROAD ..... 6<br>DON'T KNOW ..... 8                                                                                                                                                                                                                                                                    |        |  |  |  |  |
| 136D | Over the past 12 months, have you or any member of your household received money and/or parcels from abroad?                                                                                     | YES ..... 1<br>NO ..... 2<br>DON'T KNOW ..... 8                                                                                                                                                                                                                                                                                                                                                                                           | → 149  |  |  |  |  |
| 136E | From which country did you or your household receive money and, or parcels at the most recent time?                                                                                              | RUSSIA ..... 1<br>KAZAKHSTAN ..... 2<br>OTHER FORMER USSR ..... 3<br>MIDDLE EAST/DUBAI ..... 4<br>EUROPE ..... 5<br>OTHER FARAWAY ABROAD ..... 6<br>DON'T KNOW ..... 8                                                                                                                                                                                                                                                                    |        |  |  |  |  |
| 136F | In your opinion, over the past 12 months, how have remittances from abroad affected your family's financial situation, would you say substantially improved, slightly improved or has no effect? | SUBSTANTIALLY IMPROVED ..... 1<br>SLIGHTLY IMPROVED ..... 2<br>HAS NO EFFECT ..... 3<br>DON'T KNOW ..... 8                                                                                                                                                                                                                                                                                                                                |        |  |  |  |  |

ADDITIONAL HOUSEHOLD CHARACTERISTICS

| NO. | QUESTIONS AND FILTERS                                                                                                                                                | CODING CATEGORIES                                                                                                                                                                                                                                                                                                                                                                                                               | SKIP             |
|-----|----------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------|
| 149 | We would like to learn about the places that households use to wash their hands. Can you please show me where members of your household most often wash their hands? | OBSERVED, FIXED PLACE ..... 1<br>OBSERVED, MOBILE ..... 2<br>NOT OBSERVED,<br>NOT IN DWELLING/YARD/PLOT ..... 3<br>NOT OBSERVED, NO PERMISSION TO SEE .. 4<br>NOT OBSERVED, OTHER REASON ..... 5                                                                                                                                                                                                                                | <div>→ 152</div> |
| 150 | OBSERVE PRESENCE OF WATER AT THE PLACE FOR HANDWASHING.<br><br>RECORD OBSERVATION.                                                                                   | WATER IS AVAILABLE ..... 1<br>WATER IS NOT AVAILABLE ..... 2                                                                                                                                                                                                                                                                                                                                                                    |                  |
| 151 | OBSERVE PRESENCE OF SOAP, DETERGENT, OR OTHER CLEANSING AGENT AT THE PLACE FOR HANDWASHING.<br><br>RECORD OBSERVATION.                                               | SOAP OR DETERGENT<br>(BAR, LIQUID, POWDER, PASTE) ..... A<br>ASH, MUD, SAND ..... B<br><br>NONE ..... Y                                                                                                                                                                                                                                                                                                                         |                  |
| 152 | OBSERVE MAIN MATERIAL OF THE FLOOR OF THE DWELLING.<br><br>RECORD OBSERVATION.                                                                                       | <b>NATURAL FLOOR</b><br>EARTH/SAND/MUD ..... 11<br><br><b>RUDIMENTARY FLOOR</b><br>WOOD PLANKS ..... 21<br><br><b>FINISHED FLOOR</b><br>PARQUET OR POLISHED WOOD ..... 31<br>VINYL/ LINOLEUM ..... 32<br>CERAMIC TILES ..... 33<br>CEMENT ..... 34<br>CARPET ..... 35<br><br>OTHER ..... 96<br>(SPECIFY)                                                                                                                        |                  |
| 153 | OBSERVE MAIN MATERIAL OF THE ROOF OF THE DWELLING.<br><br>RECORD OBSERVATION.                                                                                        | <b>NATURAL ROOFING</b><br>NO ROOF ..... 11<br>STRAW ..... 12<br>SOD ..... 13<br>EARTH/ MUD ..... 14<br><br><b>RUDIMENTARY ROOFING</b><br>WOOD PLANKS ..... 23<br>CARDBOARD ..... 24<br><br><b>FINISHED ROOFING</b><br>METAL ..... 31<br>WOOD ..... 32<br>SHIFFER /CEMENT FIBER/ASBE ..... 33<br>CERAMIC TILES ..... 34<br>CEMENT ..... 35<br>ROOFING SHINGLES ..... 36<br>TOL/ RUBEROID ..... 37<br>OTHER ..... 96<br>(SPECIFY) |                  |

ADDITIONAL HOUSEHOLD CHARACTERISTICS

| NO. | QUESTIONS AND FILTERS                                                                                                                                                               | CODING CATEGORIES                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | SKIP |  |  |  |  |  |  |  |  |
|-----|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|--|--|--|--|--|--|--|--|
| 154 | <p>OBSERVE MAIN MATERIAL OF THE EXTERIOR WALLS OF THE DWELLING.</p> <p>RECORD OBSERVATION.</p>                                                                                      | <p><b>NATURAL WALLS</b></p> <p>NO WALLS ..... 11</p> <p>TRUNKS ..... 12</p> <p>DIRT ..... 13</p> <p><b>RUDIMENTARY WALLS</b></p> <p>STONE WITH MUD ..... 22</p> <p>UNCOVERED ADOBE ..... 23</p> <p>PLYWOOD ..... 24</p> <p>CARDBOARD ..... 25</p> <p>REUSED WOOD ..... 26</p> <p><b>FINISHED WALLS</b></p> <p>CEMENT ..... 31</p> <p>STONE WITH LIME/CEMENT ..... 32</p> <p>BRICKS ..... 33</p> <p>CEMENT BLOCKS ..... 34</p> <p>COVERED ADOBE ..... 35</p> <p>WOOD PLANKS/SHINGLES ..... 36</p> <p>OTHER _____ 96</p> <p align="center">(SPECIFY)</p>                                                          |      |  |  |  |  |  |  |  |  |
| 155 | <p>I would like to check whether the salt used in your household is iodized. May I have a sample of the salt used to cook meals in your household?</p> <p>TEST SALT FOR IODINE.</p> | <p><b>SALT TESTED</b></p> <p>IODINE PRESENT ..... 1</p> <p>NO IODINE ..... 2</p> <p><b>SALT NOT TESTED</b></p> <p>HOUSEHOLD USES SALT BUT THERE IS NO SALT IN THE HOUSEHOLD ..... 3</p> <p>HOUSEHOLD DOES NOT USE SALT ..... 4</p> <p>SALT NOT TESTED _____ 6</p> <p align="center">(SPECIFY REASON)</p>                                                                                                                                                                                                                                                                                                        |      |  |  |  |  |  |  |  |  |
| 156 | RECORD THE TIME.                                                                                                                                                                    | <p>HOURS ..... <table border="1" style="display: inline-table; vertical-align: middle;"><tr><td style="width: 30px; height: 30px;"></td><td style="width: 30px; height: 30px;"></td></tr><tr><td style="width: 30px; height: 30px;"></td><td style="width: 30px; height: 30px;"></td></tr></table></p> <p>MINUTES ..... <table border="1" style="display: inline-table; vertical-align: middle;"><tr><td style="width: 30px; height: 30px;"></td><td style="width: 30px; height: 30px;"></td></tr><tr><td style="width: 30px; height: 30px;"></td><td style="width: 30px; height: 30px;"></td></tr></table></p> |      |  |  |  |  |  |  |  |  |
|     |                                                                                                                                                                                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |      |  |  |  |  |  |  |  |  |
|     |                                                                                                                                                                                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |      |  |  |  |  |  |  |  |  |
|     |                                                                                                                                                                                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |      |  |  |  |  |  |  |  |  |
|     |                                                                                                                                                                                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |      |  |  |  |  |  |  |  |  |

INTERVIEWER'S OBSERVATIONS

TO BE FILLED IN AFTER COMPLETING INTERVIEW

COMMENTS ABOUT INTERVIEW:

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COMMENTS ON SPECIFIC QUESTIONS:

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ANY OTHER COMMENTS:

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SUPERVISOR'S OBSERVATIONS

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2023 DEMOGRAPHIC AND HEALTH SURVEY  
 WOMAN'S QUESTIONNAIRE

REPUBLIC OF TAJIKISTAN  
 AGENCY ON STATISTICS UNDER THE PRESIDENT OF THE REPUBLIC OF TAJIKISTAN  
 MINISTRY OF HEALTH AND SOCIAL PROTECTION OF THE POPULATION OF THE REPUBLIC OF TAJIKISTAN

| IDENTIFICATION                                                                                                                                                                                                                          |                                                                                                |                                                                                                                                                                                               |                                                                                                |                                                                                                                                                                                               |                                                                                                |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------|
| PLACE NAME _____                                                                                                                                                                                                                        |                                                                                                |                                                                                                                                                                                               |                                                                                                |                                                                                                                                                                                               |                                                                                                |
| NAME OF HOUSEHOLD HEAD _____                                                                                                                                                                                                            |                                                                                                |                                                                                                                                                                                               |                                                                                                |                                                                                                                                                                                               |                                                                                                |
| CLUSTER NUMBER .....                                                                                                                                                                                                                    |                                                                                                |                                                                                                                                                                                               |                                                                                                |                                                                                                                                                                                               | <div style="border: 1px solid black; width: 20px; height: 20px; margin: 0 auto;"></div>        |
| HOUSEHOLD NUMBER .....                                                                                                                                                                                                                  |                                                                                                |                                                                                                                                                                                               |                                                                                                |                                                                                                                                                                                               | <div style="border: 1px solid black; width: 20px; height: 20px; margin: 0 auto;"></div>        |
| NAME AND LINE NUMBER OF WOMAN _____                                                                                                                                                                                                     |                                                                                                |                                                                                                                                                                                               |                                                                                                |                                                                                                                                                                                               | <div style="border: 1px solid black; width: 20px; height: 20px; margin: 0 auto;"></div>        |
| CHECK Q. 53 IN THE HOUSEHOLD QUESTIONNAIRE: WOMAN SELECTED FOR DV MODULE? (1=YES, 2=NO)                                                                                                                                                 |                                                                                                |                                                                                                                                                                                               |                                                                                                |                                                                                                                                                                                               |                                                                                                |
| INTERVIEWER VISITS                                                                                                                                                                                                                      |                                                                                                |                                                                                                                                                                                               |                                                                                                |                                                                                                                                                                                               |                                                                                                |
|                                                                                                                                                                                                                                         | 1                                                                                              | 2                                                                                                                                                                                             | 3                                                                                              | FINAL VISIT                                                                                                                                                                                   |                                                                                                |
| DATE                                                                                                                                                                                                                                    | <div style="border: 1px solid black; width: 40px; height: 20px; margin: 0 auto;"></div>        | <div style="border: 1px solid black; width: 40px; height: 20px; margin: 0 auto;"></div>                                                                                                       | <div style="border: 1px solid black; width: 40px; height: 20px; margin: 0 auto;"></div>        | DAY                                                                                                                                                                                           | <div style="border: 1px solid black; width: 20px; height: 20px; margin: 0 auto;"></div>        |
|                                                                                                                                                                                                                                         |                                                                                                |                                                                                                                                                                                               |                                                                                                | MONTH                                                                                                                                                                                         | <div style="border: 1px solid black; width: 20px; height: 20px; margin: 0 auto;"></div>        |
|                                                                                                                                                                                                                                         |                                                                                                |                                                                                                                                                                                               |                                                                                                | YEAR                                                                                                                                                                                          | <div style="border: 1px solid black; width: 20px; height: 20px; margin: 0 auto;"></div>        |
| INTERVIEWER'S NAME                                                                                                                                                                                                                      | <div style="border: 1px solid black; width: 40px; height: 20px; margin: 0 auto;"></div>        | <div style="border: 1px solid black; width: 40px; height: 20px; margin: 0 auto;"></div>                                                                                                       | <div style="border: 1px solid black; width: 40px; height: 20px; margin: 0 auto;"></div>        | INT. NO.                                                                                                                                                                                      | <div style="border: 1px solid black; width: 20px; height: 20px; margin: 0 auto;"></div>        |
| RESULT*                                                                                                                                                                                                                                 | <div style="border: 1px solid black; width: 40px; height: 20px; margin: 0 auto;"></div>        | <div style="border: 1px solid black; width: 40px; height: 20px; margin: 0 auto;"></div>                                                                                                       | <div style="border: 1px solid black; width: 40px; height: 20px; margin: 0 auto;"></div>        | RESULT*                                                                                                                                                                                       | <div style="border: 1px solid black; width: 20px; height: 20px; margin: 0 auto;"></div>        |
| NEXT VISIT: DATE                                                                                                                                                                                                                        | <div style="border: 1px solid black; width: 40px; height: 20px; margin: 0 auto;"></div>        | <div style="border: 1px solid black; width: 40px; height: 20px; margin: 0 auto;"></div>                                                                                                       | <div style="border: 1px solid black; width: 40px; height: 20px; margin: 0 auto;"></div>        | TOTAL NUMBER OF VISITS                                                                                                                                                                        |                                                                                                |
| TIME                                                                                                                                                                                                                                    | <div style="border: 1px solid black; width: 40px; height: 20px; margin: 0 auto;"></div>        | <div style="border: 1px solid black; width: 40px; height: 20px; margin: 0 auto;"></div>                                                                                                       | <div style="border: 1px solid black; width: 40px; height: 20px; margin: 0 auto;"></div>        | <div style="border: 1px solid black; width: 20px; height: 20px; margin: 0 auto;"></div>                                                                                                       |                                                                                                |
| *RESULT CODES: 1 COMPLETED      4 REFUSED<br>2 NOT AT HOME      5 PARTLY COMPLETED      7 OTHER _____<br>3 POSTPONED      6 INCAPACITATED      SPECIFY _____                                                                            |                                                                                                |                                                                                                                                                                                               |                                                                                                |                                                                                                                                                                                               |                                                                                                |
| LANGUAGE OF QUESTIONNAIRE**                                                                                                                                                                                                             |                                                                                                | LANGUAGE OF INTERVIEW**                                                                                                                                                                       |                                                                                                | NATIVE LANGUAGE OF RESPONDENT**                                                                                                                                                               |                                                                                                |
| <div style="border: 1px solid black; width: 20px; height: 20px; display: inline-block; text-align: center;">0</div> <div style="border: 1px solid black; width: 20px; height: 20px; display: inline-block; text-align: center;">1</div> |                                                                                                | <div style="border: 1px solid black; width: 20px; height: 20px; display: inline-block;"></div> <div style="border: 1px solid black; width: 20px; height: 20px; display: inline-block;"></div> |                                                                                                | <div style="border: 1px solid black; width: 20px; height: 20px; display: inline-block;"></div> <div style="border: 1px solid black; width: 20px; height: 20px; display: inline-block;"></div> |                                                                                                |
| LANGUAGE OF QUESTIONNAIRE**                                                                                                                                                                                                             |                                                                                                | TRANSLATOR USED (YES = 1, NO = 2)                                                                                                                                                             |                                                                                                |                                                                                                                                                                                               |                                                                                                |
| <b>ENGLISH</b>                                                                                                                                                                                                                          |                                                                                                | **LANGUAGE CODES:<br>01 ENGLISH      02 RUSSIAN      03 TAJIK<br>04 KYRGYZ      05 UZBEK      06 OTHER                                                                                        |                                                                                                |                                                                                                                                                                                               |                                                                                                |
| TEAM                                                                                                                                                                                                                                    |                                                                                                | TEAM SUPERVISOR                                                                                                                                                                               |                                                                                                | CAPI SUPERVISOR                                                                                                                                                                               |                                                                                                |
| <div style="border: 1px solid black; width: 20px; height: 20px; display: inline-block;"></div>                                                                                                                                          | <div style="border: 1px solid black; width: 20px; height: 20px; display: inline-block;"></div> | <div style="border: 1px solid black; width: 20px; height: 20px; display: inline-block;"></div>                                                                                                | <div style="border: 1px solid black; width: 20px; height: 20px; display: inline-block;"></div> | <div style="border: 1px solid black; width: 20px; height: 20px; display: inline-block;"></div>                                                                                                | <div style="border: 1px solid black; width: 20px; height: 20px; display: inline-block;"></div> |
| NUMBER                                                                                                                                                                                                                                  | NAME                                                                                           | NUMBER                                                                                                                                                                                        | NAME                                                                                           | NUMBER                                                                                                                                                                                        | NUMBER                                                                                         |

## INTRODUCTION AND CONSENT

Hello. My name is \_\_\_\_\_. I am working with the Agency on Statistics under the President of the Republic of Tajikistan. We are conducting a survey about health and other topics all over Tajikistan. The information we collect will help the government to plan health services. Your household was selected for the survey. The questions usually take about 30 to 60 minutes. All of the answers you give will be confidential and will not be shared with anyone other than members of our survey team. You don't have to be in the survey, but we hope you will agree to answer the questions since your views are important. If I ask you any question you don't want to answer, just let me know and I will go on to the next question or you can stop the interview at any time.

In case you need more information about the survey, you may contact the person listed on the card that has already been given to your household.

Do you have any questions?  
May I begin the interview now?

SIGNATURE OF INTERVIEWER \_\_\_\_\_ DATE \_\_\_\_\_

RESPONDENT AGREES  
TO BE INTERVIEWED ... 1

RESPONDENT DOES NOT AGREE  
TO BE INTERVIEWED ... 2 → END

### SECTION 1. RESPONDENT'S BACKGROUND

| NO. | QUESTIONS AND FILTERS                                                                                                                                                                                                                                                        | CODING CATEGORIES                                                                                                                                                                                                                                                                                                                      | SKIP  |
|-----|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|
| 101 | RECORD THE TIME.                                                                                                                                                                                                                                                             | HOURS ..... <div style="display: inline-block; width: 40px; height: 20px; border: 1px solid black; vertical-align: middle;"></div><br>MINUTES ..... <div style="display: inline-block; width: 40px; height: 20px; border: 1px solid black; vertical-align: middle;"></div>                                                             |       |
| 102 | What oblast were you born in?                                                                                                                                                                                                                                                | DUSHANBE ..... 01<br>GBAO ..... 02<br>SUGH D ..... 03<br>DRS ..... 04<br>KHATLON ..... 05<br>OUTSIDE OF TAJIKISTAN ..... 96                                                                                                                                                                                                            | → 104 |
| 103 | What country were you born in?                                                                                                                                                                                                                                               | COUNTRY ..... <div style="display: inline-block; width: 80px; height: 20px; border: 1px solid black; vertical-align: middle;"></div>                                                                                                                                                                                                   |       |
| 104 | How long have you been living continuously in (NAME OF CURRENT CITY, TOWN OR VILLAGE OF RESIDENCE)?<br><br>IF LESS THAN ONE YEAR, RECORD '00' YEARS.                                                                                                                         | YEARS ..... <div style="display: inline-block; width: 40px; height: 20px; border: 1px solid black; vertical-align: middle;"></div><br>ALWAYS ..... 95<br>VISITOR ..... 96                                                                                                                                                              | → 110 |
| 105 | CHECK 104:<br><br><div style="display: flex; justify-content: space-around; align-items: center;"> <span>00 - 04 YEARS <input type="checkbox"/></span> <span>05 YEARS <input type="checkbox"/></span> </div> <div style="text-align: center; margin-top: 5px;">OR MORE</div> |                                                                                                                                                                                                                                                                                                                                        | → 107 |
| 106 | In what month and year did you move here?                                                                                                                                                                                                                                    | MONTH ..... <div style="display: inline-block; width: 40px; height: 20px; border: 1px solid black; vertical-align: middle;"></div><br>DON'T KNOW MONTH ..... 98<br><br>YEAR ..... <div style="display: inline-block; width: 80px; height: 20px; border: 1px solid black; vertical-align: middle;"></div><br>DON'T KNOW YEAR ..... 9998 |       |
| 107 | Just before you moved here, which oblast did you live in?                                                                                                                                                                                                                    | DUSHANBE ..... 01<br>GBAO ..... 02<br>SUGH D ..... 03<br>DRS ..... 04<br>KHATLON ..... 05<br>OUTSIDE OF TAJIKISTAN ..... 96                                                                                                                                                                                                            |       |

SECTION 1. RESPONDENT'S BACKGROUND

| NO.  | QUESTIONS AND FILTERS                                                                                                                                                                                                                                                     | CODING CATEGORIES                                                                                                                                                                                                  | SKIP  |
|------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|
| 108  | Just before you moved here, did you live in a city, in a town, or in a rural area?                                                                                                                                                                                        | CITY ..... 1<br>TOWN ..... 2<br>RURAL AREA ..... 3                                                                                                                                                                 |       |
| 109  | Why did you move to this place?                                                                                                                                                                                                                                           | EMPLOYMENT ..... 01<br>EDUCATION/TRAINING ..... 02<br>MARRIAGE FORMATION ..... 03<br>FAMILY REUNIFICATION/OTHER<br>FAMILY-RELATED REASON ..... 04<br>FORCED DISPLACEMENT ..... 05<br>OTHER ..... 96<br>(SPECIFY)   |       |
| 110  | In what month and year were you born?                                                                                                                                                                                                                                     | MONTH ..... <input type="text"/> <input type="text"/><br>DON'T KNOW MONTH ..... 98<br>YEAR ..... <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/><br>DON'T KNOW YEAR ..... 9998 |       |
| 111  | How old were you at your last birthday?<br><br>COMPARE AND CORRECT 110 AND/OR 111 IF INCONSISTENT.                                                                                                                                                                        | AGE IN COMPLETED YEARS ..... <input type="text"/> <input type="text"/>                                                                                                                                             |       |
| 112  | In general, would you say your health is very good, good, moderate, bad, or very bad?                                                                                                                                                                                     | VERY GOOD ..... 1<br>GOOD ..... 2<br>MODERATE ..... 3<br>BAD ..... 4<br>VERY BAD ..... 5                                                                                                                           |       |
| 113  | Have you ever attended school?                                                                                                                                                                                                                                            | YES ..... 1<br>NO ..... 2                                                                                                                                                                                          | → 117 |
| 114  | What is the highest level of school you attended: general education school, professional primary (uchiliche), professional middle (teknikum, uchiliche, college), higher or postgraduate?                                                                                 | GENERAL EDUCATION SCHOOL ..... 1<br>PROFESSIONAL PRIMARY ..... 2<br>PROFESSIONAL MIDDLE ..... 3<br>HIGHER ..... 4<br>POSTGRAGUATE ..... 5                                                                          |       |
| 115  | What is the highest [CLASS/COURSE/YEAR] you completed at that level?<br><br>IF COMPLETED LESS THAN ONE YEAR AT THAT LEVEL, RECORD '00'.                                                                                                                                   | CLASS/COURSE/YEAR ..... <input type="text"/> <input type="text"/>                                                                                                                                                  |       |
| 115A | What is the total number of years of schooling you had? Please provide total number of completed years of education, including in general school plus in any other educational insitution.<br><br>IF COMPLETED LESS THAN ONE YEAR, RECORD '00'.                           | YEARS ..... <input type="text"/> <input type="text"/>                                                                                                                                                              |       |
| 115B | CHECK 114 AND 115:PROFESSIONAL PRIMARY CODE '2' OR PROFESSIONAL MIDDLE CODE '3', OR GENERAL EDUCATION SCHOOL AND CLASS 10 OR 11<br><br>CODE '1' <input type="text"/> AND CLASS 10 OR 11, OR CODE '2' OR '3' CIRCLED<br>CODE '1' AND CLASS 1-9, OR CODE '4' OR '5' CIRCLED |                                                                                                                                                                                                                    | → 116 |
| 115C | Do you have an attestat for completing general school?                                                                                                                                                                                                                    | YES ..... 1<br>NO ..... 2                                                                                                                                                                                          |       |



SECTION 1. RESPONDENT'S BACKGROUND

| NO.  | QUESTIONS AND FILTERS                                                                                                                                                                                                                                                                                                                                   | CODING CATEGORIES                                                                                                                                                                                                     | SKIP |
|------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|
| 115D | CHECK 114: PROFESSIONAL PRIMARY CODE '2' OR PROFESSIONAL MIDDLE CODE '3' CIRCLED?<br><br>YES, CODE '2' OR CODE '3' CIRCLED <input type="checkbox"/>  OTHER <input type="checkbox"/>  |                                                                                                                                                                                                                       | 116  |
| 115E | How many classes you completed in general school before you were enrolled in uchilishe, college or technikum?<br><br>CLASSES..... <input type="text"/> <input type="text"/>                                                                                                                                                                             |                                                                                                                                                                                                                       |      |
| 116  | CHECK 114:<br><br>GENERAL SCHOOL <input type="checkbox"/>  HIGHER <input type="checkbox"/>                                                                                           |                                                                                                                                                                                                                       | 119  |
| 117  | Now I would like you to read this sentence to me.<br><br>SHOW CARD TO RESPONDENT.<br><br>IF RESPONDENT CANNOT READ WHOLE SENTENCE,<br>PROBE: Can you read any part of the sentence to me?                                                                                                                                                               | CANNOT READ AT ALL ..... 1<br>ABLE TO READ ONLY PART OF THE SENTENCE..... 2<br>ABLE TO READ WHOLE SENTENCE ..... 3<br>NO CARD WITH REQUIRED LANGUAGE ..... 4<br>(SPECIFY LANGUAGE)<br>BLIND/VISUALLY IMPAIRED ..... 5 |      |
| 118  | CHECK 117:<br><br>CODE '2', '3' OR '4' <input type="checkbox"/>  CODE '1' OR '5' CIRCLED <input type="checkbox"/>                                                                    |                                                                                                                                                                                                                       | 120  |
| 119  | Do you read a newspaper or magazine at least once a week, less than once a week or not at all?                                                                                                                                                                                                                                                          | AT LEAST ONCE A WEEK ..... 1<br>LESS THAN ONCE A WEEK ..... 2<br>NOT AT ALL ..... 3                                                                                                                                   |      |
| 120  | Do you listen to the radio at least once a week, less than once a week or not at all?                                                                                                                                                                                                                                                                   | AT LEAST ONCE A WEEK ..... 1<br>LESS THAN ONCE A WEEK ..... 2<br>NOT AT ALL ..... 3                                                                                                                                   |      |
| 121  | Do you watch television at least once a week, less than once a week or not at all?                                                                                                                                                                                                                                                                      | AT LEAST ONCE A WEEK ..... 1<br>LESS THAN ONCE A WEEK ..... 2<br>NOT AT ALL ..... 3                                                                                                                                   |      |
| 122  | Do you own a mobile phone?                                                                                                                                                                                                                                                                                                                              | YES ..... 1<br>NO ..... 2                                                                                                                                                                                             | 127  |
| 123  | Is your mobile phone a smart phone?                                                                                                                                                                                                                                                                                                                     | YES ..... 1<br>NO ..... 2                                                                                                                                                                                             |      |
| 127  | Have you ever used the Internet from any location on any device?                                                                                                                                                                                                                                                                                        | YES ..... 1<br>NO ..... 2                                                                                                                                                                                             | 131  |
| 128  | In the last 12 months, have you used the Internet?<br><br>IF NECESSARY, PROBE FOR USE FROM ANY LOCATION, WITH ANY DEVICE.                                                                                                                                                                                                                               | YES ..... 1<br>NO ..... 2                                                                                                                                                                                             | 131  |
| 129  | During the last one month, how often did you use the Internet: almost every day, at least once a week, less than once a week, or not at all?                                                                                                                                                                                                            | ALMOST EVERY DAY ..... 1<br>AT LEAST ONCE A WEEK ..... 2<br>LESS THAN ONCE A WEEK ..... 3<br>NOT AT ALL ..... 4                                                                                                       |      |
| 131  | What is your ethnic group?                                                                                                                                                                                                                                                                                                                              | TAJIKS ..... 01<br>RUSSIANS ..... 02<br>UZBEKS ..... 03<br>KYRGYZ ..... 04<br>OTHER ..... 96<br>(SPECIFY)                                                                                                             |      |

**SECTION 2. REPRODUCTION**

| NO. | QUESTIONS AND FILTERS                                                                                                                                                                                                                                                                                                                                                                                                                                       | CODING CATEGORIES                                                                                                                               | SKIP  |
|-----|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------|-------|
| 201 | Now I would like to ask about all the births you have had during your life. Have you ever given birth?                                                                                                                                                                                                                                                                                                                                                      | YES ..... 1<br>NO ..... 2                                                                                                                       | → 206 |
| 202 | Do you have any sons or daughters to whom you have given birth who are now living with you?                                                                                                                                                                                                                                                                                                                                                                 | YES ..... 1<br>NO ..... 2                                                                                                                       | → 204 |
| 203 | a) How many sons live with you?<br><br>IF NONE, RECORD '00'.<br>b) And how many daughters live with you?<br><br>IF NONE, RECORD '00'.                                                                                                                                                                                                                                                                                                                       | a) SONS AT HOME ..... <input type="text"/> <input type="text"/><br><br>b) DAUGHTERS AT HOME ..... <input type="text"/> <input type="text"/>     |       |
| 204 | Do you have any sons or daughters to whom you have given birth who are alive but do not live with you?                                                                                                                                                                                                                                                                                                                                                      | YES ..... 1<br>NO ..... 2                                                                                                                       | → 206 |
| 205 | a) How many sons are alive but do not live with you?<br><br>IF NONE, RECORD '00'.<br>b) And how many daughters are alive but do not live with you?<br><br>IF NONE, RECORD '00'.                                                                                                                                                                                                                                                                             | a) SONS ELSEWHERE ..... <input type="text"/> <input type="text"/><br><br>b) DAUGHTERS ELSEWHERE ..... <input type="text"/> <input type="text"/> |       |
| 206 | Have you ever given birth to a boy or girl who was born alive but later died?<br><br>IF NO, PROBE: Any baby who cried, who made any movement, sound, or effort to breathe, or who showed any other signs of life even if for a very short time?                                                                                                                                                                                                             | YES ..... 1<br>NO ..... 2                                                                                                                       | → 208 |
| 207 | a) How many boys have died?<br><br>IF NONE, RECORD '00'.<br>b) How many girls have died?<br><br>IF NONE, RECORD '00'.                                                                                                                                                                                                                                                                                                                                       | a) BOYS DEAD ..... <input type="text"/> <input type="text"/><br><br>b) GIRLS DEAD ..... <input type="text"/> <input type="text"/>               |       |
| 208 | SUM ANSWERS TO 203, 205, AND 207, AND ENTER TOTAL. IF NONE, RECORD '00'.                                                                                                                                                                                                                                                                                                                                                                                    | TOTAL LIVE BIRTHS ..... <input type="text"/> <input type="text"/>                                                                               |       |
| 209 | CHECK 208:<br><br>Just to make sure that I have this right: you have had in total (NUMBER OF BIRTHS) births during your life. Is that correct?<br><br><div style="display: flex; justify-content: space-around; align-items: center;"> <div style="text-align: center;"> YES<br/> <input type="checkbox"/><br/> ↓ </div> <div style="text-align: center;"> NO <input type="checkbox"/><br/> PROBE AND<br/> CORRECT 201-208<br/> AS NECESSARY. </div> </div> |                                                                                                                                                 |       |
| 210 | Women sometimes have a pregnancy that does not result in a live birth. For example, a pregnancy can end in a miscarriage, an abortion, or the child can be born dead. Have you ever had a pregnancy that did not end in a live birth?                                                                                                                                                                                                                       | YES ..... 1<br>NO ..... 2                                                                                                                       | → 212 |
| 211 | How many miscarriages, abortions, and stillbirths have you had?                                                                                                                                                                                                                                                                                                                                                                                             | PREGNANCY LOSSES ..... <input type="text"/> <input type="text"/>                                                                                |       |
| 212 | SUM ANSWERS TO 208 AND 211 AND ENTER TOTAL. IF NONE, RECORD '00'.                                                                                                                                                                                                                                                                                                                                                                                           | TOTAL PREGNANCY OUTCOMES ... <input type="text"/> <input type="text"/>                                                                          |       |
| 213 | CHECK 212:<br><br><div style="display: flex; justify-content: space-around; align-items: center;"> <div style="text-align: center;"> ONE OR MORE PAST<br/> PREGNANCIES<br/> <input type="checkbox"/> </div> <div style="text-align: center;"> NO PAST<br/> PREGNANCIES<br/> <input type="checkbox"/> </div> </div>                                                                                                                                          |                                                                                                                                                 | → 232 |

**SECTION 2. REPRODUCTION**

214 Now I would like to record all your pregnancies including live births, stillbirths, miscarriages, and abortions, starting with your first pregnancy.

RECORD ALL PREGNANCIES. RECORD TWINS AND TRIPLETS ON SEPARATE LINES.

| PREGNANCY HISTORY LINE NUMBER | 215                                                                                                                                                                                                                                                                                                                | 216                                                                                                                                                                                                                                                                                                                            | 217                                                      | 218                                                  | 219                                | 220                                                                                                                                                                                                                                                                                                           | 221                                                  | 222                                                                                                                                                                                                                                                                                                    |  |
|-------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------|------------------------------------------------------|------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|
|                               | <p><b>IF ROW=01:</b><br/>Think back to your first pregnancy. Was that a single pregnancy, twins, or triplets?</p> <p><b>IF ROW&gt;01:</b><br/>Think back to your next pregnancy. Was that a single pregnancy, twins, or triplets?</p>                                                                              | <p><b>IF 215=SING:</b><br/>Was the baby born alive, born dead, or did you have a miscarriage or abortion?</p> <p><b>IF 215&gt;1:</b><br/><b>FIRST OF MULT.</b><br/>Was the first baby in this pregnancy born alive or born dead?</p> <p><b>NEXT MULT.</b><br/>Was the next baby in this pregnancy born alive or born dead?</p> | Did the baby cry, move, or breathe?                      | What name was given to the baby?<br><br>RECORD NAME. | Is (NAME IN 218) a boy or a girl?  | <p><b>CHECK 216 AND 217: TYPE OF PREGNANCY OUTCOME.</b></p> <p><b>NOTE: IF 217=1, THEN PREGNANCY</b></p> <p><b>IF BORN ALIVE:</b><br/>On what day, month, and year was (NAME IN 218) born?</p> <p><b>IF BORN DEAD, MISCARRIAGE, OR ABORTION:</b><br/>On what day, month, and year did this pregnancy end?</p> | How long did this pregnancy last in weeks or months? | <p><b>IF ROW=01:</b><br/>Were there any other pregnancies before this pregnancy?</p> <p><b>IF ROW&gt;01:</b><br/>Were there any other pregnancies between the previous pregnancy and this pregnancy?</p> <p>IF 215&gt;1 AND THIS IS NOT THE FIRST BIRTH OF THE PREGNANCY, SKIP TO 216 IN NEXT ROW.</p> |  |
| 01                            | <p>SING ... 1<br/>TWINS ... 2<br/>TRIP ... 3<br/>QUAD ... 4<br/>QUIN ... 5</p>                                                                                                                                                                                                                                     | <p>BORN ALIVE ... 1<br/>(SKIP TO 218) ←</p> <p>BORN DEAD ... 2<br/>MISCARRIAGE ... 3<br/>(SKIP TO 220) ←<br/>ABORTION ... 4</p>                                                                                                                                                                                                | <p>YES ... 1</p> <p>NO ... 2<br/>↓<br/>(SKIP TO 220)</p> | NAME                                                 | <p>BOY ... 1</p> <p>GIRL ... 2</p> | <p>DAY [ ][ ]</p> <p>MONTH [ ][ ]</p> <p>YEAR [ ][ ][ ]</p>                                                                                                                                                                                                                                                   | <p>WEEKS 1 [ ][ ]</p> <p>MONTHS 2 [ ][ ]</p>         | <p>YES ... 1<br/>(ADD PREGNANCY) ←</p> <p>NO ... 2<br/>(NEXT ROW) ←</p>                                                                                                                                                                                                                                |  |
| 02                            | <p>SING ... 1<br/>TWINS ... 2<br/>TRIP ... 3<br/>QUAD ... 4<br/>QUIN ... 5</p>                                                                                                                                                                                                                                     | <p>BORN ALIVE ... 1<br/>(SKIP TO 218) ←</p> <p>BORN DEAD ... 2<br/>MISCARRIAGE ... 3<br/>(SKIP TO 220) ←<br/>ABORTION ... 4</p>                                                                                                                                                                                                | <p>YES ... 1</p> <p>NO ... 2<br/>↓<br/>(SKIP TO 220)</p> | NAME                                                 | <p>BOY ... 1</p> <p>GIRL ... 2</p> | <p>DAY [ ][ ]</p> <p>MONTH [ ][ ]</p> <p>YEAR [ ][ ][ ]</p>                                                                                                                                                                                                                                                   | <p>WEEKS 1 [ ][ ]</p> <p>MONTHS 2 [ ][ ]</p>         | <p>YES ... 1<br/>(ADD PREGNANCY) ←</p> <p>NO ... 2<br/>(NEXT ROW) ←</p>                                                                                                                                                                                                                                |  |
| 03                            | <p>SING ... 1<br/>TWINS ... 2<br/>TRIP ... 3<br/>QUAD ... 4<br/>QUIN ... 5</p>                                                                                                                                                                                                                                     | <p>BORN ALIVE ... 1<br/>(SKIP TO 218) ←</p> <p>BORN DEAD ... 2<br/>MISCARRIAGE ... 3<br/>(SKIP TO 220) ←<br/>ABORTION ... 4</p>                                                                                                                                                                                                | <p>YES ... 1</p> <p>NO ... 2<br/>↓<br/>(SKIP TO 220)</p> | NAME                                                 | <p>BOY ... 1</p> <p>GIRL ... 2</p> | <p>DAY [ ][ ]</p> <p>MONTH [ ][ ]</p> <p>YEAR [ ][ ][ ]</p>                                                                                                                                                                                                                                                   | <p>WEEKS 1 [ ][ ]</p> <p>MONTHS 2 [ ][ ]</p>         | <p>YES ... 1<br/>(ADD PREGNANCY) ←</p> <p>NO ... 2<br/>(NEXT ROW) ←</p>                                                                                                                                                                                                                                |  |
| 222A                          | Have you had any pregnancies that ended since the last pregnancy                                                                                                                                                                                                                                                   |                                                                                                                                                                                                                                                                                                                                |                                                          |                                                      |                                    | YES ... 1 → ADD TO TABLE<br>NO ... 2                                                                                                                                                                                                                                                                          |                                                      |                                                                                                                                                                                                                                                                                                        |  |
| 222B                          | <p>READ THE LIST OF PREGNANCY OUTCOMES IN ORDER TO THE RESPONDENT AND ASK IF THEY ARE ALL THAT SHE HAS EVER HAD, AND IF THEY ARE LISTED IN ORDER STARTING FROM THE FIRST ONE.</p> <p>DOES THE RESPONDENT AGREE?</p> <p>IF NOT, PROBE FOR THE CORRECT INFORMATION AND REVISE THE PREGNANCY HISTORY ACCORDINGLY.</p> |                                                                                                                                                                                                                                                                                                                                |                                                          |                                                      |                                    |                                                                                                                                                                                                                                                                                                               |                                                      |                                                                                                                                                                                                                                                                                                        |  |

SECTION 2. REPRODUCTION

| PREGNANCY HISTORY LINE NUMBER | 223                                                                                                                                                                                                                                                                                                             | 224                                                 | 225                                                                                                                                                                                                    | 226                               | 227                                                                                  | 228                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 228A                                                                                                                                                                                                    | 228B                                                                                                                                                                                                                               |
|-------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------|--------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                               |                                                                                                                                                                                                                                                                                                                 |                                                     | IF BORN ALIVE AND STILL LIVING:                                                                                                                                                                        |                                   |                                                                                      | IF BORN ALIVE AND NOW DEAD:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                                                                                                                                                                                         | IF ABORTION                                                                                                                                                                                                                        |
|                               | CHECK 216, 217 AND 221:<br><br>IF 216=1 OR 217=1, THEN PREGNANCY OUTCOME = BORN ALIVE.<br><br>IF 216=2 OR 3, THEN CHECK 221. IF 221 ≥ 7 MONTHS OR 28 WEEKS, THEN PREGNANCY OUTCOME = BORN DEAD. IF 221 < 7 MONTHS OR 28 WEEKS, FINAL PREGNANCY OUTCOME = MISCARRIAGE.<br><br>IF 216=4, THEN PREGNANCY OUTCOME = | Is (NAME IN 218) still alive?                       | IF 219=BOY:<br>How old was (NAME IN 218) at his last birthday?<br><br>RECORD AGE IN COMPLETE<br>IF 219=GIRL:<br>How old was (NAME IN 218) at her last birthday?<br><br>RECORD AGE IN COMPLETE D YEARS. | Is (NAME IN 218) living with you? | RECORD HOUSEHOLD LINE NUMBER OF CHILD. RECORD '00' IF CHILD NOT LISTED IN HOUSEHOLD. | IF 219=BOY:<br>How old was (NAME IN 218) when he died? IF '12 MONTHS' OR '1 YR', ASK: Did (NAME IN 218) have his first birthday?<br><br>THEN ASK: Exactly how many months old was (NAME IN 218) when he died?<br><br>RECORD DAYS IF LESS THAN 1 MONTH; MONTHS IF LESS THAN TWO YEARS; OR YEARS.<br><br>IF 219=GIRL:<br>How old was (NAME IN 218) when she died? IF '12 MONTHS' OR '1 YR', ASK: Did (NAME IN 218) have her first birthday?<br><br>THEN ASK: Exactly how many months old was (NAME IN 218) when she died?<br><br>RECORD DAYS IF LESS THAN 1 MONTH; MONTHS IF LESS THAN TWO YEARS; OR YEARS | Does (NAME IN 218) have a death certificate?<br><br>IF NO, PROBE: Has (NAME IN 218)'s death ever been registered in ZAGS?<br><br>1 = CERTIFICATE<br>2 = REGISTERED<br>3 = NEITHER<br><br>8 = DON'T KNOW | What was the main reason you decided to have this abortion?<br><br>1 = HER HEALTH<br>2 = INBORN DEFECTS<br>3 = SEX SELECTION<br>4 = POVERTY<br>5 = UNWANTED CHILD<br>6 = UNMARRIED<br>7 = COVID<br>8 = DON'T REMEMBER<br>9 = OTHER |
| 01                            | BORN ALIVE ..... 1<br><br>BORN DEAD ..... 2<br>MISCARRIAGE ..... 3<br>NEXT PREGN. .... 4<br>ABORTION ..... 4<br>SKIP TO 228B                                                                                                                                                                                    | YES ..... 1<br><br>NO ..... 2<br>↓<br>(SKIP TO 228) | AGE IN YEARS<br>[ ][ ]                                                                                                                                                                                 | YES ..... 1<br><br>NO ..... 2     | HOUSEHOLD LINE NUMBER<br>[ ][ ]<br>↓<br>(SKIP TO 223 IN NEXT ROW)                    | DAYS 1 [ ][ ]<br>MONTHS 2 [ ][ ]<br>YEARS 3 [ ][ ]                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | [ ]<br>↓<br>NEXT PREGNANCY                                                                                                                                                                              | [ ]<br>↓<br>NEXT PREGNANCY                                                                                                                                                                                                         |
| 02                            | BORN ALIVE ..... 1<br><br>BORN DEAD ..... 2<br>MISCARRIAGE ..... 3<br>NEXT PREGN. .... 4<br>ABORTION ..... 4<br>SKIP TO 228B                                                                                                                                                                                    | YES ..... 1<br><br>NO ..... 2<br>↓<br>(SKIP TO 228) | AGE IN YEARS<br>[ ][ ]                                                                                                                                                                                 | YES ..... 1<br><br>NO ..... 2     | HOUSEHOLD LINE NUMBER<br>[ ][ ]<br>↓<br>(SKIP TO 223 IN NEXT ROW)                    | DAYS 1 [ ][ ]<br>MONTHS 2 [ ][ ]<br>YEARS 3 [ ][ ]                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | [ ]<br>↓<br>NEXT PREGNANCY                                                                                                                                                                              | [ ]<br>↓<br>NEXT PREGNANCY                                                                                                                                                                                                         |
| 03                            | BORN ALIVE ..... 1<br><br>BORN DEAD ..... 2<br>MISCARRIAGE ..... 3<br>NEXT PREGN. .... 4<br>ABORTION ..... 4<br>SKIP TO 228B                                                                                                                                                                                    | YES ..... 1<br><br>NO ..... 2<br>↓<br>(SKIP TO 228) | AGE IN YEARS<br>[ ][ ]                                                                                                                                                                                 | YES ..... 1<br><br>NO ..... 2     | HOUSEHOLD LINE NUMBER<br>[ ][ ]<br>↓<br>(SKIP TO 223 IN NEXT ROW)                    | DAYS 1 [ ][ ]<br>MONTHS 2 [ ][ ]<br>YEARS 3 [ ][ ]                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | [ ]<br>↓<br>NEXT PREGNANCY                                                                                                                                                                              | [ ]<br>↓<br>NEXT PREGNANCY                                                                                                                                                                                                         |

**SECTION 2. REPRODUCTION**

| NO. | QUESTIONS AND FILTERS                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | CODING CATEGORIES                                                                                                   | SKIP  |
|-----|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------|-------|
| 230 | <p>COMPARE 212 WITH NUMBER OF PREGNANCY OUTCOMES IN PREGNANCY HISTORY</p> <p align="center">           NUMBER IN PREGNANCY HISTORY IS GREATER THAN OR EQUAL TO 212 <input type="checkbox"/> </p> <p align="center">           NUMBER IN PREGNANCY HISTORY IS LESS THAN 212 <input type="checkbox"/> </p> <p align="center">(PROBE AND RECONCILE) ←</p>                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                                                                                                     |       |
| 231 | <p><b>C</b> FOR EACH LIVE BIRTH IN 2018-2023, ENTER 'B' IN THE MONTH OF BIRTH IN THE CALENDAR. WRITE THE NAME OF THE CHILD TO THE LEFT OF THE 'B' CODE. FOR EACH LIVE BIRTH, RECORD 'P' IN EACH OF THE PRECEDING MONTHS ACCORDING TO THE DURATION OF PREGNANCY. (NOTE: THE NUMBER OF 'P's MUST BE ONE LESS THAN THE NUMBER OF MONTHS THAT THE PREGNANCY LASTED.)</p> <p>FOR EACH PREGNANCY THAT DID NOT END IN A LIVE BIRTH IN 2018-2023, ENTER 'T' IN THE CALENDAR IN THE MONTH THAT THE PREGNANCY TERMINATED AND 'P' FOR THE REMAINING NUMBER OF COMPLETED MONTHS OF PREGNANCY.</p> <p>IF DURATION OF PREGNANCY WAS REPORTED IN WEEKS, MULTIPLY THE NUMBER OF WEEKS BY 0.23 TO CONVERT TO THE NUMBER OF MONTHS. ROUND DOWN TO THE NEAREST WHOLE NUMBER TO GET THE NUMBER OF COMPLETED MONTHS.</p> |                                                                                                                     |       |
| 232 | Are you pregnant now?                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | YES ..... 1<br>NO ..... 2<br>UNSURE ..... 8                                                                         | → 236 |
| 233 | <p>How many weeks or months pregnant are you?</p> <p>RECORD NUMBER OF COMPLETED WEEKS OR MONTHS.</p> <p><b>C</b> ENTER 'P's IN THE CALENDAR, BEGINNING WITH THE MONTH OF INTERVIEW AND FOR THE TOTAL NUMBER OF COMPLETED MONTHS. IF DURATION OF PREGNANCY WAS REPORTED IN WEEKS, MULTIPLY THE NUMBER OF WEEKS BY 0.23 TO CONVERT TO THE NUMBER OF MONTHS. ROUND DOWN TO THE NEAREST WHOLE NUMBER TO GET THE NUMBER OF COMPLETED MONTHS.</p>                                                                                                                                                                                                                                                                                                                                                         | WEEKS ..... 1 <input type="text"/> <input type="text"/><br>MONTHS ..... 2 <input type="text"/> <input type="text"/> |       |
| 234 | When you got pregnant, did you want to get pregnant at that time?                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | YES ..... 1<br>NO ..... 2                                                                                           | → 236 |
| 235 | <p>CHECK 208: TOTAL NUMBER OF LIVE BIRTHS</p> <p>ONE OR MORE <input type="checkbox"/>      NONE <input type="checkbox"/></p> <p>a) Did you want to have a baby later on or did you not want any more children?</p> <p>b) Did you want to have a baby later on or did you not want any children?</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | LATER ..... 1<br>NO MORE/NONE ..... 2                                                                               |       |

**SECTION 2. REPRODUCTION**

| NO. | QUESTIONS AND FILTERS                                                                                                                                                                                                                      | CODING CATEGORIES                                                                                                                                                                                                                                                                          | SKIP                                                                                                                                                                                          |  |  |  |  |  |  |  |  |
|-----|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|--|--|--|--|--|--|--|
| 236 | <p>When did your last menstrual period start?</p> <p>_____</p> <p align="center">(DATE, IF GIVEN)</p>                                                                                                                                      | <p>DAYS AGO ..... 1</p> <p>WEEKS AGO ..... 2</p> <p>MONTHS AGO ..... 3</p> <p>YEARS AGO ..... 4</p> <p>IN MENOPAUSE/<br/>HAS HAD HYSTERECTOMY ..... 994</p> <p>BEFORE LAST PREGNANCY ..... 995</p> <p>NEVER MENSTRUATED ..... 996</p>                                                      | <p align="center"> <table border="1"> <tr><td></td><td></td></tr> <tr><td></td><td></td></tr> <tr><td></td><td></td></tr> <tr><td></td><td></td></tr> </table> </p> <p>→ 240</p> <p>→ 241</p> |  |  |  |  |  |  |  |  |
|     |                                                                                                                                                                                                                                            |                                                                                                                                                                                                                                                                                            |                                                                                                                                                                                               |  |  |  |  |  |  |  |  |
|     |                                                                                                                                                                                                                                            |                                                                                                                                                                                                                                                                                            |                                                                                                                                                                                               |  |  |  |  |  |  |  |  |
|     |                                                                                                                                                                                                                                            |                                                                                                                                                                                                                                                                                            |                                                                                                                                                                                               |  |  |  |  |  |  |  |  |
|     |                                                                                                                                                                                                                                            |                                                                                                                                                                                                                                                                                            |                                                                                                                                                                                               |  |  |  |  |  |  |  |  |
| 237 | <p>CHECK 236: WAS THE LAST MENSTRUAL PERIOD WITHIN THE LAST YEAR?</p> <p align="center"> YES, <input type="checkbox"/> <br/> WITHIN<br/> LAST YEAR ↓ </p> <p align="center"> NO, <input type="checkbox"/> <br/> ONE YEAR<br/> OR MORE </p> |                                                                                                                                                                                                                                                                                            | → 240                                                                                                                                                                                         |  |  |  |  |  |  |  |  |
| 238 | <p>During your last menstrual period, what did you use to collect or absorb your menstrual blood?</p> <p>Anything else?</p>                                                                                                                | <p>REUSABLE SANITARY PADS ..... A</p> <p>DISPOSABLE SANITARY PADS ..... B</p> <p>TAMPONS ..... C</p> <p>CLOTH ..... E</p> <p>TOILET PAPER ..... F</p> <p>COTTON WOOL ..... G</p> <p>UNDERWEAR ONLY ..... H</p> <p>OTHER ..... X</p> <p align="center">(SPECIFY)</p> <p>NOTHING ..... Y</p> |                                                                                                                                                                                               |  |  |  |  |  |  |  |  |
| 239 | <p>During your last menstrual period, were you able to wash and change in privacy while at home?</p>                                                                                                                                       | <p>YES ..... 1</p> <p>NO ..... 2</p> <p>AWAY FROM HOME DURING LAST MENSTRUAL PERIOD ..... 3</p>                                                                                                                                                                                            |                                                                                                                                                                                               |  |  |  |  |  |  |  |  |
| 240 | <p>How old were you when you had your first menstrual period?</p>                                                                                                                                                                          | <p>AGE ..... <table border="1"><tr><td></td><td></td></tr></table></p> <p>DON'T KNOW ..... 98</p>                                                                                                                                                                                          |                                                                                                                                                                                               |  |  |  |  |  |  |  |  |
|     |                                                                                                                                                                                                                                            |                                                                                                                                                                                                                                                                                            |                                                                                                                                                                                               |  |  |  |  |  |  |  |  |
| 241 | <p>From one menstrual period to the next, are there certain days when a woman is more likely to become pregnant?</p>                                                                                                                       | <p>YES ..... 1</p> <p>NO ..... 2</p> <p>DON'T KNOW ..... 8</p>                                                                                                                                                                                                                             | → 243                                                                                                                                                                                         |  |  |  |  |  |  |  |  |
| 242 | <p>Is this time just before her period begins, during her period, right after her period has ended, or halfway between two periods?</p>                                                                                                    | <p>JUST BEFORE HER PERIOD BEGINS ..... 1</p> <p>DURING HER PERIOD ..... 2</p> <p>RIGHT AFTER HER PERIOD HAS ENDED ..... 3</p> <p>HALFWAY BETWEEN TWO PERIODS ..... 4</p> <p>OTHER ..... 6</p> <p align="center">(SPECIFY)</p> <p>DON'T KNOW ..... 8</p>                                    |                                                                                                                                                                                               |  |  |  |  |  |  |  |  |
| 243 | <p>After the birth of a child, can a woman become pregnant before her menstrual period has returned?</p>                                                                                                                                   | <p>YES ..... 1</p> <p>NO ..... 2</p> <p>DON'T KNOW ..... 8</p>                                                                                                                                                                                                                             |                                                                                                                                                                                               |  |  |  |  |  |  |  |  |

SECTION 3. CONTRACEPTION

|     |                                                                                                                                                                                              |                                                                                                                                                                          |
|-----|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 301 | Now I would like to talk about family planning - the various ways or methods that a couple can use to delay or avoid a pregnancy. Have you ever heard of (METHOD)?                           |                                                                                                                                                                          |
| 01  | Female Sterilization.<br>PROBE: Women can have an operation to avoid having any more children.                                                                                               | YES ..... 1<br>NO ..... 2                                                                                                                                                |
| 02  | Male Sterilization.<br>PROBE: Men can have an operation to avoid having any more children.                                                                                                   | YES ..... 1<br>NO ..... 2                                                                                                                                                |
| 03  | IUD.<br>PROBE: Women can have a loop or coil placed inside them by a doctor or a nurse which can prevent pregnancy for one or more years.                                                    | YES ..... 1<br>NO ..... 2                                                                                                                                                |
| 04  | Injectables.<br>PROBE: Women can have an injection by a health provider that stops them from becoming pregnant for one or more months.                                                       | YES ..... 1<br>NO ..... 2                                                                                                                                                |
| 05  | Implants.<br>PROBE: Women can have one or more small rods placed in their upper arm by a doctor or nurse which can prevent pregnancy for one or more years.                                  | YES ..... 1<br>NO ..... 2                                                                                                                                                |
| 06  | Pill.<br>PROBE: Women can take a pill every day to avoid becoming pregnant.                                                                                                                  | YES ..... 1<br>NO ..... 2                                                                                                                                                |
| 07  | Condom.<br>PROBE: Men can put a rubber sheath on their penis before sexual intercourse.                                                                                                      | YES ..... 1<br>NO ..... 2                                                                                                                                                |
| 08  | Female Condom.<br>PROBE: Women can place a sheath in their vagina before sexual intercourse.                                                                                                 | YES ..... 1<br>NO ..... 2                                                                                                                                                |
| 09  | Emergency Contraception.<br>PROBE: As an emergency measure, within 3 days after they have unprotected sexual intercourse, women can take special pills to prevent pregnancy.                 | YES ..... 1<br>NO ..... 2                                                                                                                                                |
| 11  | Lactational Amenorrhea Method (LAM).<br>PROBE: Up to 6 months after childbirth, before the menstrual period has returned, women use a method requiring frequent breastfeeding day and night. | YES ..... 1<br>NO ..... 2                                                                                                                                                |
| 12  | Rhythm Method.<br>PROBE: To avoid pregnancy, women do not have sexual intercourse on the days of the month they think they can get pregnant.                                                 | YES ..... 1<br>NO ..... 2                                                                                                                                                |
| 13  | Withdrawal.<br>PROBE: Men can be careful and pull out before climax.                                                                                                                         | YES ..... 1<br>NO ..... 2                                                                                                                                                |
| 14  | Have you heard of any other ways or methods that women or men can use to avoid pregnancy?                                                                                                    | <p>YES, MODERN METHOD</p> <p>_____ A</p> <p align="center">(SPECIFY)</p> <p>YES, TRADITIONAL METHOD</p> <p>_____ B</p> <p align="center">(SPECIFY)</p> <p>NO ..... Y</p> |

SECTION 3. CONTRACEPTION

| NO. | QUESTIONS AND FILTERS                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | CODING CATEGORIES                                                                                                                                                                                                                                                                                                                                                                 | SKIP                                           |
|-----|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------|
| 302 | CHECK 232:<br><br><div style="display: flex; justify-content: space-around;"> <div>NOT PREGNANT <input type="checkbox"/><br/>OR UNSURE ↓</div> <div>PREGNANT <input type="checkbox"/> → 317</div> </div>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                                                                                                                                                                                                                                                                                                                                                                   |                                                |
| 303 | Are you or your partner currently doing something or using any method to delay or avoid getting pregnant?                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | YES ..... 1<br>NO ..... 2                                                                                                                                                                                                                                                                                                                                                         | → 307                                          |
| 304 | Are you or your partner sterilized?<br><br>IF YES: Who is sterilized, you or your partner?                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | YES, RESPONDENT STERILIZED ONLY ..... 1<br>YES, PARTNER STERILIZED ONLY ..... 2<br>YES, BOTH STERILIZED ..... 3<br>NO, NEITHER STERILIZED ..... 4                                                                                                                                                                                                                                 | → 306                                          |
| 305 | CHECK 304:<br><br><div style="display: flex; justify-content: space-around;"> <div>           RESPONDENT <input type="checkbox"/><br/>           STERILIZED ONLY ↓<br/><br/>           PROCEED TO 307. CIRCLE<br/>           CODE 'A' AND FOLLOW THE<br/>           SKIP INSTRUCTION.         </div> <div>           PARTNER <input type="checkbox"/><br/>           STERILIZED ONLY ↓<br/><br/>           PROCEED TO 307. CIRCLE<br/>           CODE 'B' AND FOLLOW THE<br/>           SKIP INSTRUCTION.         </div> <div>           BOTH <input type="checkbox"/><br/>           STERILIZED ↓<br/><br/>           PROCEED TO 307. CIRCLE CODE<br/>           'A' AND CODE 'B' AND FOLLOW<br/>           THE SKIP INSTRUCTION.         </div> </div> |                                                                                                                                                                                                                                                                                                                                                                                   |                                                |
| 306 | Just to check, are you or your partner doing any of the following to avoid pregnancy: deliberately avoiding sex on certain days, using a condom, using withdrawal or using emergency contraception?                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | YES ..... 1<br>NO ..... 2                                                                                                                                                                                                                                                                                                                                                         | → 317                                          |
| 307 | Which method are you using?<br><br>RECORD ALL MENTIONED.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | FEMALE STERILIZATION ..... A<br>MALE STERILIZATION ..... B<br>IUD ..... C<br>INJECTABLES ..... D<br>IMPLANTS ..... E<br>PILL ..... F<br>CONDOM ..... G<br>FEMALE CONDOM ..... H<br>EMERGENCY CONTRACEPTION ..... I<br><br>LACTATIONAL AMENORRHEA METHOD ..... K<br>RHYTHM METHOD ..... L<br>WITHDRAWAL ..... M<br>OTHER MODERN METHOD ..... X<br>OTHER TRADITIONAL METHOD ..... Y | → 312<br><br><br><br><br><br><br><br><br>→ 314 |



SECTION 3. CONTRACEPTION

| NO. | QUESTIONS AND FILTERS                                                                                                                                                                                                                                                                                                                                                                                                                                              | CODING CATEGORIES                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | SKIP |  |  |  |  |  |  |  |  |  |  |  |       |
|-----|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|--|--|--|--|--|--|--|--|--|--|--|-------|
| 312 | <p>In what facility did the sterilization take place?</p> <p>PROBE TO IDENTIFY THE TYPE OF SOURCE.</p> <p>IF UNABLE TO DETERMINE IF PUBLIC, PRIVATE, OR NGO SECTOR, RECORD '96' AND WRITE THE NAME OF THE PLACE.</p>                                                                                                                                                                                                                                               | <p><b>PUBLIC SECTOR</b></p> <p>GOVERNMENT HOSPITAL ..... 11</p> <p>MATERNITY HOME ..... 12</p> <p>URBAN/RAYON/RURAL HEALTH CENTE ..... 13</p> <p>REPRODUCTIVE HEALTH CENTE ..... 14</p> <p>HEALTH HOUSE ..... 15</p> <p>INTEGRATED MANAGEMENT OF CHILDHOOD ILLNESS CENTER ..... 16</p> <p>IMMUNOPROPHYLAXIS CENTER ..... 17</p> <p>AIDS CENTER ..... 18</p> <p>MOBILE CLINIC OF AIDS CENTER ..... 19</p> <p>HEALTHY LIFESTYLE CENTER ..... 20</p> <p>FAMILY MEDICINE CENTER ..... 21</p> <p>OTHER PUBLIC SECTOR ..... 26</p> <p align="center">(SPECIFY)</p> <p><b>PRIVATE MEDICAL SECTOR</b></p> <p>PRIVATE HOSPITAL ..... 31</p> <p>PRIVATE CLINIC ..... 32</p> <p>PRIVATE DOCTOR'S OFFICE ..... 33</p> <p>PRIVATE LABORATORY ..... 34</p> <p>PHARMACY ..... 35</p> <p>OTHER PRIVATE MEDICAL SECTOR ..... 36</p> <p align="center">(SPECIFY)</p> <p>OTHER ..... 96</p> <p align="center">(SPECIFY)</p> <p>DON'T KNOW ..... 98</p> |      |  |  |  |  |  |  |  |  |  |  |  |       |
| 313 | <p>In what month and year was the sterilization performed?</p>                                                                                                                                                                                                                                                                                                                                                                                                     | <p>MONTH ..... <table border="1" style="display: inline-table; vertical-align: middle;"><tr><td></td><td></td></tr><tr><td></td><td></td></tr></table></p> <p>YEAR ..... <table border="1" style="display: inline-table; vertical-align: middle;"><tr><td></td><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td><td></td></tr></table></p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |      |  |  |  |  |  |  |  |  |  |  |  | → 315 |
|     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |      |  |  |  |  |  |  |  |  |  |  |  |       |
|     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |      |  |  |  |  |  |  |  |  |  |  |  |       |
|     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |      |  |  |  |  |  |  |  |  |  |  |  |       |
|     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |      |  |  |  |  |  |  |  |  |  |  |  |       |
| 314 | <p>Since what month and year have you been using (METHOD) without stopping?</p> <p>PROBE: For how long have you been using (METHOD) now without stopping?</p>                                                                                                                                                                                                                                                                                                      | <p>MONTH ..... <table border="1" style="display: inline-table; vertical-align: middle;"><tr><td></td><td></td></tr><tr><td></td><td></td></tr></table></p> <p>YEAR ..... <table border="1" style="display: inline-table; vertical-align: middle;"><tr><td></td><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td><td></td></tr></table></p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |      |  |  |  |  |  |  |  |  |  |  |  |       |
|     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |      |  |  |  |  |  |  |  |  |  |  |  |       |
|     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |      |  |  |  |  |  |  |  |  |  |  |  |       |
|     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |      |  |  |  |  |  |  |  |  |  |  |  |       |
|     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |      |  |  |  |  |  |  |  |  |  |  |  |       |
| 315 | <p>CHECK 313 AND 314, AND 220: ANY LIVE BIRTH, STILLBIRTH, MISSCARRIAGE OR ABORTION AFTER MONTH AND YEAR OF START OF USE OF CONTRACEPTION IN 313 OR 314?</p> <p align="center"> NO <input type="checkbox"/><br/> ↓ </p> <p align="center"> YES <input type="checkbox"/><br/> ↑ </p> <p align="center">GO BACK TO 313 OR 314, PROBE AND RECORD MONTH AND YEAR AT START OF CONTINUOUS USE OF CURRENT METHOD (MUST BE AFTER LAST BIRTH OR PREGNANCY TERMINATION).</p> |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |      |  |  |  |  |  |  |  |  |  |  |  |       |

SECTION 3. CONTRACEPTION (CAPI OPTION)

| NO.  | QUESTIONS AND FILTERS                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | CODING CATEGORIES                                                                                                                                       | SKIP   |
|------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------|--------|
| 316  | <p>CHECK 313 AND 314:</p> <div style="display: flex; justify-content: space-between;"> <div style="width: 45%;"> <p>YEAR IS 2018-2023 <input type="checkbox"/></p> <p><b>C</b> ENTER CODE FOR METHOD USED IN MONTH OF INTERVIEW IN THE CALENDAR AND IN EACH MONTH BACK TO THE DATE STARTED USING.</p> <p>THEN CONTINUE<br/>↓</p> </div> <div style="width: 45%; border-left: 1px dashed black; padding-left: 10px;"> <p>YEAR IS 2017 OR EARLIER <input type="checkbox"/></p> <p><b>C</b> ENTER CODE FOR METHOD USED IN MONTH OF INTERVIEW IN THE CALENDAR AND EACH MONTH BACK TO JANUARY 2018 .</p> <p>THEN<br/>↓<br/>(SKIP TO 329) ←</p> </div> </div> |                                                                                                                                                         |        |
| 317  | <p>I would like to ask you some questions about the times you or your partner may have used a method to avoid getting pregnant during the last few years.</p> <p>USE CALENDAR TO PROBE FOR EARLIER PERIODS OF USE AND NONUSE, STARTING WITH MOST RECENT USE, BACK TO JANUARY 2018. USE NAMES OF CHILDREN, DATES OF BIRTH, AND PERIODS OF PREGNANCY AS REFERENCE POINTS.</p>                                                                                                                                                                                                                                                                             | <b>C</b>                                                                                                                                                |        |
| 317A | MONTH AND YEAR OF START OF INTERVAL OF USE OR NON-USE.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | MONTH ..... <input type="text"/> <input type="text"/><br>YEAR ..... <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> |        |
| 317B | Between (EVENT ONE) in (MONTH/YEAR ONE) and (EVENT TWO) in (MONTH/YEAR TWO), did you or your partner use any method of contraception?                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | YES ..... 1<br>NO ..... 2                                                                                                                               | → 317I |
| 317C | Which method was that?                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | METHOD CODE ..... <input type="text"/>                                                                                                                  |        |
| 317D | How many months after (EVENT ONE) in (MONTH/YEAR ONE) did you start to use the (METHOD)?<br><br>RECORD '95' IF THE RESPONDENT SAYS THE DATE OF STARTING TO USE THE METHOD.                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | IMMEDIATELY ..... 00<br>MONTHS ..... <input type="text"/> <input type="text"/><br>DATE GIVEN ..... 95                                                   | → 317F |
| 317E | RECORD MONTH AND YEAR RESPONDENT STARTED USING METHOD.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | MONTH ..... <input type="text"/> <input type="text"/><br>YEAR ..... <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> |        |
| 317F | For how many months did you use the (METHOD) continuously?<br><br>RECORD '95' IF RESPONDENT GAVE THE DATE OF TERMINATION OF USE                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | MONTHS ..... <input type="text"/> <input type="text"/><br>DATE GIVEN ..... 95                                                                           | → 317H |
| 317G | RECORD MONTH AND YEAR RESPONDENT STOPPED USING METHOD.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | MONTH ..... <input type="text"/> <input type="text"/><br>YEAR ..... <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> |        |
| 317H | Why did you stop using (METHOD)?                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | REASON STOPPED ..... <input type="text"/>                                                                                                               |        |
| 317I | GO BACK TO 317A FOR NEXT GAP; OR, IF NO MORE GAPS, GO TO 318.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                                                                                                                                         |        |

SECTION 3. CONTRACEPTION

| NO. | QUESTIONS AND FILTERS                                                                                                                                                              | CODING CATEGORIES                                                                                                                                                                                                                                                                                                                                                                                                           | SKIP                                                                          |
|-----|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------|
| 318 | Have you used emergency contraception in the last 12 months? That is, have you taken special pills within 3 days after having unprotected sexual intercourse to prevent pregnancy? | YES ..... 1<br>NO ..... 2                                                                                                                                                                                                                                                                                                                                                                                                   |                                                                               |
| 319 | CHECK THE CALENDAR FOR USE OF ANY CONTRACEPTIVE METHOD IN ANY MONTH<br><br>NO METHOD USED <input type="checkbox"/> ANY METHOD USED <input type="checkbox"/>                        |                                                                                                                                                                                                                                                                                                                                                                                                                             | → 321                                                                         |
| 320 | Have you ever used anything or tried in any way to delay or avoid getting pregnant?                                                                                                | YES ..... 1<br>NO ..... 2                                                                                                                                                                                                                                                                                                                                                                                                   | → 331                                                                         |
| 321 | CHECK 307:<br><br>CIRCLE METHOD CODE:<br><br>IF MORE THAN ONE METHOD CODE CIRCLED IN 307, CIRCLE CODE FOR HIGHEST METHOD IN LIST.                                                  | NO CODE CIRCLED ..... 00<br>FEMALE STERILIZATION ..... 01<br>MALE STERILIZATION ..... 02<br>IUD ..... 03<br>INJECTABLES ..... 04<br>IMPLANTS ..... 05<br>PILL ..... 06<br>CONDOM ..... 07<br>FEMALE CONDOM ..... 08<br>EMERGENCY CONTRACEPTION ..... 09<br><br>LACTATIONAL AMENORRHEA METHOD ..... 11<br>RHYTHM METHOD ..... 12<br>WITHDRAWAL ..... 13<br>OTHER MODERN METHOD ..... 95<br>OTHER TRADITIONAL METHOD ..... 96 | → 331<br>→ 324<br>→ 332<br><br><br><br><br><br><br><br><br><br>→ 332<br>→ 332 |

SECTION 3. CONTRACEPTION

| NO. | QUESTIONS AND FILTERS                                                                                                                                                                                                                                  | CODING CATEGORIES                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | SKIP                           |
|-----|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------|
| 322 | <p>You first started using (METHOD) in (DATE FROM 314). Where did you get it at that time?</p> <p>PROBE TO IDENTIFY THE TYPE OF SOURCE.<br/>IF UNABLE TO DETERMINE IF PUBLIC, PRIVATE, OR NGO SECTOR, RECORD '96' AND WRITE THE NAME OF THE PLACE.</p> | <p><b>PUBLIC SECTOR</b></p> <p>GOVERNMENT HOSPITAL ..... 11</p> <p>MATERNITY HOME ..... 12</p> <p>URBAN/RAYON/RURAL HEALTH CENTE ..... 13</p> <p>REPRODUCTIVE HEALTH CENTE ..... 14</p> <p>HEALTH HOUSE ..... 15</p> <p>INTEGRATED MANAGEMENT OF CHILDHOOD ILLNESS CENTER ..... 16</p> <p>IMMUNOPROPHYLAXIS CENTER ..... 17</p> <p>AIDS CENTER ..... 18</p> <p>MOBILE CLINIC OF AIDS CENTER ..... 19</p> <p>HEALTHY LIFESTYLE CENTER ..... 20</p> <p>FAMILY MEDICINE CENTER ..... 21</p> <p>PATRONAGE MEDICAL WORKER ..... 22</p> <p>OTHER PUBLIC SECTOR</p> <p>_____ 26</p> <p align="center">(SPECIFY)</p> <p><b>PRIVATE MEDICAL SECTOR</b></p> <p>PRIVATE HOSPITAL ..... 31</p> <p>PRIVATE CLINIC ..... 32</p> <p>PRIVATE DOCTOR ..... 33</p> <p>PRIVATE LABORATORY ..... 34</p> <p>PHARMACY ..... 35</p> <p>PATRONAGE MEDICAL WORKER ..... 36</p> <p>OTHER PRIVATE MEDICAL SECTOR</p> <p>_____ 37</p> <p align="center">(SPECIFY)</p> <p><b>OTHER SOURCE</b></p> <p>SHOP ..... 41</p> <p>FRIEND/RELATIVE ..... 43</p> <p>OTHER _____ 96</p> <p align="center">(SPECIFY)</p> |                                |
| 323 | At that time, were you told about side effects or problems you might have with the method?                                                                                                                                                             | <p>YES ..... 1</p> <p>NO ..... 2</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | <input type="checkbox"/> → 325 |
| 324 | When you got sterilized, were you told about side effects or problems you might have with the method?                                                                                                                                                  | <p>YES ..... 1</p> <p>NO ..... 2</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                                |
| 325 | Were you told what to do if you experienced side effects or problems?                                                                                                                                                                                  | <p>YES ..... 1</p> <p>NO ..... 2</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                                |
| 326 | At that time, were you told about other methods of family planning that you could use?                                                                                                                                                                 | <p>YES ..... 1</p> <p>NO ..... 2</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                                |
| 327 | <p>CHECK 307:</p> <p>CIRCLE METHOD CODE:</p> <p>IF MORE THAN ONE METHOD CODE CIRCLED IN 307, CIRCLE CODE FOR HIGHEST METHOD IN LIST.</p>                                                                                                               | <p>FEMALE STERILIZATION ..... 01</p> <p>IUD ..... 03</p> <p>INJECTABLES ..... 04</p> <p>IMPLANTS ..... 05</p> <p>PILL ..... 06</p> <p>CONDOM ..... 07</p> <p>FEMALE CONDOM ..... 08</p> <p>EMERGENCY CONTRACEPTION ..... 09</p> <p>OTHER MODERN METHOD ..... 95</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | <input type="checkbox"/> → 332 |
| 328 | At that time, were you told that you could switch to another method if you wanted to or needed to?                                                                                                                                                     | <p>YES ..... 1</p> <p>NO ..... 2</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | <input type="checkbox"/> → 330 |

### SECTION 3. CONTRACEPTION

| NO. | QUESTIONS AND FILTERS                                                                                                                                                                                     | CODING CATEGORIES                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | SKIP                                                                                                                                |
|-----|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------|
| 329 | CHECK 307:<br><br>CIRCLE METHOD CODE:<br><br>IF MORE THAN ONE METHOD CODE CIRCLED IN<br>307, CIRCLE CODE FOR HIGHEST METHOD IN<br>LIST.                                                                   | FEMALE STERILIZATION ..... 01<br>MALE STERILIZATION ..... 02<br>IUD ..... 03<br>INJECTABLES ..... 04<br>IMPLANTS ..... 05<br>PILL ..... 06<br>CONDOM ..... 07<br>FEMALE CONDOM ..... 08<br>EMERGENCY CONTRACEPTION ..... 09<br><br>LACTATIONAL AMENORRHEA METHOD ..... 11<br>RHYTHM METHOD ..... 12<br>WITHDRAWAL ..... 13<br>OTHER MODERN METHOD ..... 95<br>OTHER TRADITIONAL METHOD ..... 96                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | <div style="text-align: right;">→ 332</div> <div style="text-align: right;">→ 332</div> <div style="text-align: right;">→ 332</div> |
| 330 | Where did you obtain (METHOD) the last time?<br><br>PROBE TO IDENTIFY THE TYPE OF SOURCE.<br>IF UNABLE TO DETERMINE IF PUBLIC, PRIVATE,<br>OR NGO SECTOR, RECORD '96' AND WRITE THE<br>NAME OF THE PLACE. | <b>PUBLIC SECTOR</b><br>GOVERNMENT HOSPITAL ..... 11<br>MATERNITY HOME ..... 12<br>URBAN/RAYON/RURAL HEALTH CENTE..... 13<br>REPRODUCTIVE HEALTH CENTf..... 14<br>HEALTH HOUSE ..... 15<br>INTEGRATED MANAGEMENT OF CHILDHOOD<br>ILLNESS CENTER ..... 16<br>IMMUNOPROPHYLAXIS CENTER ..... 17<br>AIDS CENTER ..... 18<br>MOBILE CLINIC OF AIDS CENTER ..... 19<br>HEALTHY LIFESTYLE CENTER ..... 20<br>FAMILY MEDICINE CENTER ..... 21<br>PATRONAGE MEDICAL WORKER ..... 22<br><br>OTHER PUBLIC SECTOR<br>_____ 26<br>(SPECIFY)<br><br><b>PRIVATE MEDICAL SECTOR</b><br>PRIVATE HOSPITAL ..... 31<br>PRIVATE CLINIC ..... 32<br>PRIVATE DOCTOR ..... 33<br>PRIVATE LABORATORY ..... 34<br>PHARMACY ..... 35<br>PATRONAGE MEDICAL WORKER ..... 36<br>OTHER PRIVATE MEDICAL SECTOR<br><br>_____ 37<br>(SPECIFY)<br><br><b>OTHER SOURCE</b><br>SHOP ..... 41<br><br>FRIEND/RELATIVE ..... 43<br>SAME SOURCE AS FIRST SOURCE USED 95<br>OTHER _____ 96<br>(SPECIFY) | <div style="text-align: right;">→ 332</div> <div style="text-align: right;">→ 332</div> <div style="text-align: right;">→ 332</div> |

SECTION 3. CONTRACEPTION

| NO. | QUESTIONS AND FILTERS                                                                                                                                                                                                                                                                                                                                                                                                                                                     | CODING CATEGORIES                 | SKIP  |
|-----|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------|-------|
| 331 | Do you know of a place where you can obtain a method of family planning?                                                                                                                                                                                                                                                                                                                                                                                                  | YES ..... 1<br>NO ..... 2         |       |
| 332 | In the last 12 months, were you visited by a medical worker?                                                                                                                                                                                                                                                                                                                                                                                                              | YES ..... 1<br>NO ..... 2         | → 334 |
| 333 | Did the medical worker talk to you about family planning?                                                                                                                                                                                                                                                                                                                                                                                                                 | YES ..... 1<br>NO ..... 2         |       |
| 334 | <p>CHECK 202: CHILDREN LIVING WITH</p> <div style="display: flex; justify-content: space-around;"> <div style="text-align: center;"> <p>YES <input type="checkbox"/></p> <p>a) In the last 12 months, have you visited a health facility for care for yourself or your children?</p> </div> <div style="text-align: center;"> <p>NO <input type="checkbox"/></p> <p>b) In the last 12 months, have you visited a health facility for care for yourself?</p> </div> </div> | <p>YES ..... 1<br/>NO ..... 2</p> | → 401 |
| 335 | Did any staff member at the health facility speak to you about family planning methods?                                                                                                                                                                                                                                                                                                                                                                                   | YES ..... 1<br>NO ..... 2         |       |

SECTION 4. PREGNANCY AND POSTNATAL CARE

| NO.  | QUESTIONS AND FILTERS                                                                                                                                                                                                                                                                                                                                                                                                                                                              | CODING CATEGORIES                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | SKIP  |
|------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|
| 401  | CHECK 220 AND 225:<br><br>ONE OR MORE PREGNANCY OUTCOMES 0-35 MONTHS BEFORE THE SURVEY <input type="checkbox"/>                                                                                                                                                                                                                                                                                                                                                                    | NO PREGNANCY OUTCOMES 0-35 MONTHS BEFORE THE SURVEY <input type="checkbox"/>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | → 601 |
| 402  | CHECK 220. LIST THE PREGNANCY HISTORY NUMBER IN 215 FOR EACH PREGNANCY OUTCOME 0-35 MONTHS BEFORE THE SURVEY, STARTING FROM THE LAST ONE. CLASSIFY EACH PREGNANCY OUTCOME BY TYPE USING 223 AND THE ORDER OF OUTCOMES IN THE PREGNANCY HISTORY.<br><br><b>PREGNANCY OUTCOME TYPE</b><br>MOST RECENT LIVE BIRTH           1<br>PRIOR LIVE BIRTH                   2<br>MOST RECENT STILLBIRTH          3<br>PRIOR STILLBIRTH                   4<br>ABORTION OR MISCARRIAGE       5 | PREGNANCY HISTORY NUMBER .. <input type="text"/> <input type="text"/> PREGNANCY OUTCOME TYPE ..... <input type="text"/><br>PREGNANCY HISTORY NUMBER .. <input type="text"/> <input type="text"/> PREGNANCY OUTCOME TYPE ..... <input type="text"/><br>PREGNANCY HISTORY NUMBER .. <input type="text"/> <input type="text"/> PREGNANCY OUTCOME TYPE ..... <input type="text"/><br>PREGNANCY HISTORY NUMBER .. <input type="text"/> <input type="text"/> PREGNANCY OUTCOME TYPE ..... <input type="text"/><br>PREGNANCY HISTORY NUMBER .. <input type="text"/> <input type="text"/> PREGNANCY OUTCOME TYPE ..... <input type="text"/><br>PREGNANCY HISTORY NUMBER .. <input type="text"/> <input type="text"/> PREGNANCY OUTCOME TYPE ..... <input type="text"/> |       |
| 403  | Now I would like to ask some questions about your pregnancies in the last 3 years. We will talk about each separately, starting with the last one you had.                                                                                                                                                                                                                                                                                                                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |       |
| 404  | PREGNANCY HISTORY NUMBER FROM 402.                                                                                                                                                                                                                                                                                                                                                                                                                                                 | PREGNANCY HISTORY NUMBER ..... <input type="text"/> <input type="text"/>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |       |
| 404A | During this pregnancy, did you get sick with the COVID-19?                                                                                                                                                                                                                                                                                                                                                                                                                         | YES ..... 1<br>NO ..... 2<br>DON'T KNOW ..... 8                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |       |
| 405  | PREGNANCY OUTCOME TYPE FROM 402.                                                                                                                                                                                                                                                                                                                                                                                                                                                   | MOST RECENT LIVE BIRTH ..... 1<br>PRIOR LIVE BIRTH ..... 2<br>MOST RECENT STILLBIRTH ..... 3<br>PRIOR STILLBIRTH ..... 4<br>MISCARRIAGE/ABORTION ..... 5                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | → 407 |
| 406  | RECORD DATE PREGNANCY ENDED FROM 220.                                                                                                                                                                                                                                                                                                                                                                                                                                              | DAY ..... <input type="text"/> <input type="text"/><br>MONTH ..... <input type="text"/> <input type="text"/><br>YEAR ..... <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | → 408 |

|     |                                                                                                                                                         |                                                                                                                                                                             |                                    |
|-----|---------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------|
| 407 | RECORD NAME FROM 218.<br>NAME _____                                                                                                                     |                                                                                                                                                                             |                                    |
| 408 | CHECK 405:<br>PREGNANCY TYPE <input type="checkbox"/> 1 OR 2<br>a) When you got pregnant with (NAME IN 407), did you want to get pregnant at that time? | PREGNANCY TYPE <input type="checkbox"/> 3, 4, OR 5<br>b) When you got pregnant with the pregnancy that ended in (DATE FROM 406), did you want to get pregnant at that time? | YES ..... 1<br>NO ..... 2<br>→ 411 |

#### SECTION 4. PREGNANCY AND POSTNATAL CARE

| NO. | QUESTIONS AND FILTERS                                                                                 | CODING CATEGORIES                                                                                                                                                                                                                                        | SKIP                    |
|-----|-------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------|
| NO. | NAME OR DATE _____                                                                                    | PREGNANCY HISTORY NUMBER .. <input type="text"/> <input type="text"/>                                                                                                                                                                                    |                         |
| 409 | Did you want to have a baby later on, or not at all?                                                  | LATER ..... 1<br>NOT AT ALL ..... 2                                                                                                                                                                                                                      | → 411                   |
| 410 | How much longer did you want to wait?                                                                 | MONTHS ..... 1 <input type="text"/> <input type="text"/><br>YEARS ..... 2 <input type="text"/> <input type="text"/><br>DON'T KNOW ..... 998                                                                                                              |                         |
| 411 | CHECK 405: PREGNANCY OUTCOME TYPE                                                                     | MOST RECENT LIVE BIRTH ..... 1<br>PRIOR LIVE BIRTH ..... 2<br>MOST RECENT STILLBIRTH ..... 3<br>PRIOR STILLBIRTH ..... 4<br>ABORTION/MISCARRIAGE ..... 5                                                                                                 | → 434<br>→ 434<br>→ 475 |
| 412 | Did you see anyone for antenatal care for this pregnancy?                                             | YES ..... 1<br>NO ..... 2                                                                                                                                                                                                                                | → 414                   |
| 413 | CHECK 405: PREGNANCY OUTCOME TYPE<br>MOST RECENT LIVE BIRTH <input type="checkbox"/> (SKIP TO 426A) ← | MOST RECENT STILLBIRTH <input type="checkbox"/> →                                                                                                                                                                                                        | → 426A                  |
| 414 | Whom did you see?<br>Anyone else?<br>PROBE TO IDENTIFY EACH TYPE OF PERSON AND RECORD ALL MENTIONED.  | <b>HEALTH PERSONNEL</b><br>FAMILY DOCTOR ..... A<br>OBSTETRICIAN-GYNECOLOGIST ..... B<br>OTHER DOCTOR ..... C<br>NURSE/MALE NURSE ..... D<br>MIDWIFE ..... E<br><b>OTHER PERSON</b><br>TRADITIONAL BIRTH ATTENDANT ..... F<br>OTHER ..... X<br>(SPECIFY) |                         |



**SECTION 4. PREGNANCY AND POSTNATAL CARE**

| NO.                    | QUESTIONS AND FILTERS                                                                                                                                                                                                                                                                                                                                                                                                                 | CODING CATEGORIES                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | SKIP |     |    |    |                        |   |   |   |                |   |   |   |                |   |   |   |                    |   |   |   |                |   |   |   |                     |   |   |   |                   |   |   |   |  |
|------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|-----|----|----|------------------------|---|---|---|----------------|---|---|---|----------------|---|---|---|--------------------|---|---|---|----------------|---|---|---|---------------------|---|---|---|-------------------|---|---|---|--|
| 415                    | <p>Where did you receive antenatal care for this pregnancy?</p> <p>Anywhere else?</p> <p>PROBE TO IDENTIFY TYPE OF SOURCE.<br/>IF UNABLE TO DETERMINE IF PUBLIC, PRIVATE, OR NGO SECTOR, RECORD 'X' AND WRITE THE NAME OF THE PLACE(S).</p>                                                                                                                                                                                           | <p><b>HOME</b></p> <p>HER HOME ..... A</p> <p>OTHER HOME ..... B</p> <p><b>PUBLIC SECTOR</b></p> <p>GOVERNMENT HOSPITAL ..... C</p> <p>MATERNITY HOME ..... D</p> <p>URBAN/RAYON/RURAL HEALTH CENTE..... E</p> <p>REPRODUCTIVE HEALTH CENTE..... F</p> <p>HEALTH HOUSE ..... G</p> <p>FAMILY MEDICINE CENTE ..... H</p> <p>OTHER PUBLIC SECTOR ..... I</p> <p align="center">(SPECIFY)</p> <p><b>PRIVATE MEDICAL SECTOR</b></p> <p>PRIVATE HOSPITAL ..... J</p> <p>PRIVATE CLINIC ..... K</p> <p>OTHER PRIVATE MEDICAL SECTOR ..... L</p> <p align="center">(SPECIFY)</p> <p>OTHER ..... X</p> <p align="center">(SPECIFY)</p> |      |     |    |    |                        |   |   |   |                |   |   |   |                |   |   |   |                    |   |   |   |                |   |   |   |                     |   |   |   |                   |   |   |   |  |
| 416                    | <p>How many weeks or months pregnant were you when you first received antenatal care for this pregnancy?</p>                                                                                                                                                                                                                                                                                                                          | <p>WEEKS ..... 1 <table border="1" style="display: inline-table; vertical-align: middle;"><tr><td></td><td></td></tr><tr><td></td><td></td></tr></table></p> <p>MONTHS ..... 2 <table border="1" style="display: inline-table; vertical-align: middle;"><tr><td></td><td></td></tr><tr><td></td><td></td></tr></table></p> <p>DON'T KNOW .....998</p>                                                                                                                                                                                                                                                                          |      |     |    |    |                        |   |   |   |                |   |   |   |                |   |   |   |                    |   |   |   |                |   |   |   |                     |   |   |   |                   |   |   |   |  |
|                        |                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |      |     |    |    |                        |   |   |   |                |   |   |   |                |   |   |   |                    |   |   |   |                |   |   |   |                     |   |   |   |                   |   |   |   |  |
|                        |                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |      |     |    |    |                        |   |   |   |                |   |   |   |                |   |   |   |                    |   |   |   |                |   |   |   |                     |   |   |   |                   |   |   |   |  |
|                        |                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |      |     |    |    |                        |   |   |   |                |   |   |   |                |   |   |   |                    |   |   |   |                |   |   |   |                     |   |   |   |                   |   |   |   |  |
|                        |                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |      |     |    |    |                        |   |   |   |                |   |   |   |                |   |   |   |                    |   |   |   |                |   |   |   |                     |   |   |   |                   |   |   |   |  |
| 417                    | <p>How many times did you receive antenatal care during this pregnancy?</p>                                                                                                                                                                                                                                                                                                                                                           | <p>NUMBER OF TIMES ..... <table border="1" style="display: inline-table; vertical-align: middle;"><tr><td></td><td></td></tr></table></p> <p>DON'T KNOW ..... 98</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                           |      |     |    |    |                        |   |   |   |                |   |   |   |                |   |   |   |                    |   |   |   |                |   |   |   |                     |   |   |   |                   |   |   |   |  |
|                        |                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |      |     |    |    |                        |   |   |   |                |   |   |   |                |   |   |   |                    |   |   |   |                |   |   |   |                     |   |   |   |                   |   |   |   |  |
| 418                    | <p>As part of your antenatal care during this pregnancy, did a healthcare provider do any of the following:</p> <p>a) Measure your blood pressure?</p> <p>b) Take a urine sample?</p> <p>c) Take a blood sample?</p> <p>d) Listen to the baby's heartbeat?</p> <p>e) Talk with you about which foods or how much food you should eat?</p> <p>f) Talk with you about breastfeeding?</p> <p>g) Ask you if you had vaginal bleeding?</p> | <table> <thead> <tr> <th></th><th>YES</th><th>NO</th><th>DK</th></tr> </thead> <tbody> <tr> <td>a) BLOOD PRESSURE.....</td><td>1</td><td>2</td><td>8</td></tr> <tr> <td>b) URINE .....</td><td>1</td><td>2</td><td>8</td></tr> <tr> <td>c) BLOOD .....</td><td>1</td><td>2</td><td>8</td></tr> <tr> <td>d) HEARTBEAT .....</td><td>1</td><td>2</td><td>8</td></tr> <tr> <td>e) FOODS .....</td><td>1</td><td>2</td><td>8</td></tr> <tr> <td>f) BREASTFEED .....</td><td>1</td><td>2</td><td>8</td></tr> <tr> <td>g) BLEEDING .....</td><td>1</td><td>2</td><td>8</td></tr> </tbody> </table>                                   |      | YES | NO | DK | a) BLOOD PRESSURE..... | 1 | 2 | 8 | b) URINE ..... | 1 | 2 | 8 | c) BLOOD ..... | 1 | 2 | 8 | d) HEARTBEAT ..... | 1 | 2 | 8 | e) FOODS ..... | 1 | 2 | 8 | f) BREASTFEED ..... | 1 | 2 | 8 | g) BLEEDING ..... | 1 | 2 | 8 |  |
|                        | YES                                                                                                                                                                                                                                                                                                                                                                                                                                   | NO                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | DK   |     |    |    |                        |   |   |   |                |   |   |   |                |   |   |   |                    |   |   |   |                |   |   |   |                     |   |   |   |                   |   |   |   |  |
| a) BLOOD PRESSURE..... | 1                                                                                                                                                                                                                                                                                                                                                                                                                                     | 2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 8    |     |    |    |                        |   |   |   |                |   |   |   |                |   |   |   |                    |   |   |   |                |   |   |   |                     |   |   |   |                   |   |   |   |  |
| b) URINE .....         | 1                                                                                                                                                                                                                                                                                                                                                                                                                                     | 2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 8    |     |    |    |                        |   |   |   |                |   |   |   |                |   |   |   |                    |   |   |   |                |   |   |   |                     |   |   |   |                   |   |   |   |  |
| c) BLOOD .....         | 1                                                                                                                                                                                                                                                                                                                                                                                                                                     | 2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 8    |     |    |    |                        |   |   |   |                |   |   |   |                |   |   |   |                    |   |   |   |                |   |   |   |                     |   |   |   |                   |   |   |   |  |
| d) HEARTBEAT .....     | 1                                                                                                                                                                                                                                                                                                                                                                                                                                     | 2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 8    |     |    |    |                        |   |   |   |                |   |   |   |                |   |   |   |                    |   |   |   |                |   |   |   |                     |   |   |   |                   |   |   |   |  |
| e) FOODS .....         | 1                                                                                                                                                                                                                                                                                                                                                                                                                                     | 2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 8    |     |    |    |                        |   |   |   |                |   |   |   |                |   |   |   |                    |   |   |   |                |   |   |   |                     |   |   |   |                   |   |   |   |  |
| f) BREASTFEED .....    | 1                                                                                                                                                                                                                                                                                                                                                                                                                                     | 2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 8    |     |    |    |                        |   |   |   |                |   |   |   |                |   |   |   |                    |   |   |   |                |   |   |   |                     |   |   |   |                   |   |   |   |  |
| g) BLEEDING .....      | 1                                                                                                                                                                                                                                                                                                                                                                                                                                     | 2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 8    |     |    |    |                        |   |   |   |                |   |   |   |                |   |   |   |                    |   |   |   |                |   |   |   |                     |   |   |   |                   |   |   |   |  |
| 426A                   | <p>Immediately before this pregnancy, did you take the folic acid tablets to prevent some birth defects?</p> <p>SHOW THE PILLS</p>                                                                                                                                                                                                                                                                                                    | <p>YES ..... 1</p> <p>NO ..... 2</p> <p>DON'T KNOW ..... 8</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |      |     |    |    |                        |   |   |   |                |   |   |   |                |   |   |   |                    |   |   |   |                |   |   |   |                     |   |   |   |                   |   |   |   |  |

**SECTION 4. PREGNANCY AND POSTNATAL CARE**

| NO.  | QUESTIONS AND FILTERS                                                                                                                                                                                                    | CODING CATEGORIES                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | SKIP   |
|------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------|
| 426B | During the first 3 months of this pregnancy, did you take the folic acid tablets to prevent some birth defects?<br><br>SHOW THE PILLS                                                                                    | YES ..... 1<br>NO ..... 2<br>DON'T KNOW ..... 8                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |        |
| 426  | During this pregnancy, were you given or did you buy any iron tablets or iron syrup?<br><br>SHOW TABLETS/SYRUP/MULTIPLE MICRONUTRIENT SUPPLEMENT.                                                                        | YES ..... 1<br>NO ..... 2<br>DON'T KNOW ..... 8                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | → 430A |
| 427  | Where did you get the iron tablets or syrup?<br><br>Anywhere else?<br><br>PROBE TO IDENTIFY THE TYPE OF SOURCE. IF UNABLE TO DETERMINE IF PUBLIC, PRIVATE, OR NGO SECTOR, RECORD 'X' AND WRITE THE NAME OF THE PLACE(S). | <b>PUBLIC SECTOR</b><br>GOVERNMENT HOSPITAL ..... A<br>MATERNITY HOME ..... B<br>URBAN/RAYON/RURAL HEALTH CENTE..... C<br>REPRODUCTIVE HEALTH CENTE..... D<br>HEALTH HOUSE ..... E<br>INTEGRATED MANAGEMENT OF CHILDHOOD ILLNESS CENTER ..... F<br>IMMUNOPROPHYLAXIS CENTER ..... G<br>HEALTHY LIFESTYLE CENTER ..... H<br>FAMILY MEDICINE CENTER ..... I<br>PATRONAGE MEDICAL WORKEF..... J<br><br>OTHER PUBLIC SECTOR ..... K<br>(SPECIFY)<br><br><b>PRIVATE MEDICAL SECTOR</b><br>PRIVATE HOSPITAL ..... L<br>PRIVATE CLINIC ..... M<br>PRIVATE DOCTOR ..... N<br>PRIVATE LABORATORY ..... O<br>PHARMACY ..... P<br>PATRONAGE MEDICAL WORKEF..... Q<br><br>OTHER PRIVATE MEDICAL SECTOR ..... R<br>(SPECIFY)<br><br><b>OTHER SOURCE</b><br>SHOP ..... S<br>MARKET ..... T<br><br>OTHER ..... X<br>(SPECIFY) |        |
| 428  | During the whole pregnancy, for how many days did you take the iron tablets or syrup?<br><br>IF ANSWER IS NOT NUMERIC, PROBE FOR APPROXIMATE NUMBER OF DAYS.                                                             | DAYS ..... <input type="text"/> <input type="text"/> <input type="text"/><br><br>DON'T KNOW ..... 998                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |        |
| 430A | Are you eligible to receive food or cash assistance through the Addressnaya Socialnaya Pomosh program?                                                                                                                   | YES ..... 1<br>NO ..... 2<br>HE 3HAIO ..... 8                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |        |
| 430  | During this pregnancy, did you receive food or cash assistance through the Addressnaya Socialnaya Pomosh program?                                                                                                        | YES ..... 1<br>NO ..... 2<br>DON'T KNOW ..... 8                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |        |

**SECTION 4. PREGNANCY AND POSTNATAL CARE**

| NO. | QUESTIONS AND FILTERS                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | CODING CATEGORIES                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | SKIP                      |
|-----|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------|
| 434 | <p>CHECK 405:</p> <div style="display: flex; justify-content: space-between;"> <div style="width: 45%;"> <p>PREGNANCY TYPE <input type="checkbox"/> 1 OR 2</p> <p>a) Who assisted with the delivery of (NAME IN 407)?</p> <p>Anyone else?</p> <p>PROBE FOR THE TYPE(S) OF PERSON(S) AND RECORD ALL MENTIONED. IF RESPONDENT SAYS NO ONE ASSISTED, PROBE TO DETERMINE WHETHER ANY ADULTS WERE</p> </div> <div style="width: 45%;"> <p>PREGNANCY TYPE <input type="checkbox"/> 3 OR 4</p> <p>b) Who assisted with the delivery of the stillbirth you had in (DATE FROM 406)?</p> <p>Anyone else?</p> <p>PROBE FOR THE TYPE(S) OF PERSON(S) AND RECORD ALL MENTIONED. IF RESPONDENT SAYS NO ONE ASSISTED, PROBE TO DETERMINE WHETHER ANY</p> </div> </div> | <p><b>HEALTH PERSONNEL</b></p> <p>FAMILY DOCTOR ..... A</p> <p>OBSTETRICIAN-GYNECOLOGIST ..... B</p> <p>OTHER DOCTOR ..... C</p> <p>NURSE/MALE NURSE ..... D</p> <p>MIDWIFE ..... E</p> <p><b>OTHER PERSON</b></p> <p>TRADITIONAL BIRTH ATTENDANT ..... F</p> <p>RELATIVE/FRIEND ..... G</p> <p>OTHER ..... X</p> <p align="center">(SPECIFY)</p> <p>NO ONE ASSISTED ..... Y</p>                                                                                                                                                                                                                      |                           |
| 435 | <p>CHECK 405:</p> <div style="display: flex; justify-content: space-between;"> <div style="width: 45%;"> <p>PREGNANCY TYPE <input type="checkbox"/> 1 OR 2</p> <p>a) Where did you give birth to (NAME IN 407)?</p> <p>PROBE TO IDENTIFY THE TYPE OF SOURCE. IF UNABLE TO DETERMINE IF PUBLIC, PRIVATE, OR NGO SECTOR, RECORD '96' AND WRITE THE NAME OF THE PLACE.</p> </div> <div style="width: 45%;"> <p>PREGNANCY TYPE <input type="checkbox"/> 3 OR 4</p> <p>b) Where did you deliver this stillbirth?</p> <p>PROBE TO IDENTIFY THE TYPE OF SOURCE. IF UNABLE TO DETERMINE IF PUBLIC, PRIVATE, OR NGO SECTOR, RECORD '96' AND WRITE THE NAME OF THE PLACE.</p> </div> </div>                                                                       | <p><b>HOME</b></p> <p>HER HOME ..... 11</p> <p>OTHER HOME ..... 12</p> <p><b>PUBLIC SECTOR</b></p> <p>GOVERNMENT HOSPITAL ..... 21</p> <p>MATERNITY HOME ..... 22</p> <p>URBAN/RAYON/RURAL HEALTH CENTER ..... 23</p> <p>HEALTH HOUSE ..... 24</p> <p>FAMILY MEDICINE CENTER ..... 25</p> <p>OTHER PUBLIC SECTOR ..... 26</p> <p align="center">(SPECIFY)</p> <p><b>PRIVATE MEDICAL SECTOR</b></p> <p>PRIVATE HOSPITAL ..... 31</p> <p>PRIVATE CLINIC ..... 32</p> <p>OTHER PRIVATE MEDICAL SECTOR ..... 36</p> <p align="center">(SPECIFY)</p> <p>OTHER ..... 96</p> <p align="center">(SPECIFY)</p> | <p>→ 437</p> <p>→ 437</p> |
| 436 | <p>CHECK 405:</p> <div style="display: flex; justify-content: space-between;"> <div style="width: 45%;"> <p>PREGNANCY TYPE <input type="checkbox"/> 1 OR 2</p> <p>a) Was (NAME IN 407) delivered by caesarean, that is, did they cut your belly open to take the baby out?</p> </div> <div style="width: 45%;"> <p>PREGNANCY TYPE <input type="checkbox"/> 3 OR 4</p> <p>b) Was this stillbirth delivered by caesarean, that is, did they cut your belly open to take the baby out?</p> </div> </div>                                                                                                                                                                                                                                                   | <p>YES ..... 1</p> <p>NO ..... 2</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                           |

SECTION 4. PREGNANCY AND POSTNATAL CARE

| NO. | QUESTIONS AND FILTERS                                                                                                                                                                                                                                                                                                                                                                               | CODING CATEGORIES                                                                                                                                                                                                                        | SKIP                    |
|-----|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------|
| 437 | CHECK 405: PREGNANCY OUTCOME TYPE                                                                                                                                                                                                                                                                                                                                                                   | MOST RECENT LIVE BIRTH ..... 1<br>PRIOR LIVE BIRTH ..... 2<br>MOST RECENT STILLBIRTH ..... 3<br>PRIOR STILLBIRTH ..... 4                                                                                                                 | → 441<br>→ 445<br>→ 487 |
| 438 | After the birth, was (NAME IN 407) put on your chest/abdomen?                                                                                                                                                                                                                                                                                                                                       | YES ..... 1<br>NO ..... 2<br>DON'T KNOW ..... 8                                                                                                                                                                                          | → 441                   |
| 439 | Was (NAME IN 407)'s bare skin touching your bare skin?                                                                                                                                                                                                                                                                                                                                              | YES ..... 1<br>NO ..... 2<br>DON'T KNOW ..... 8                                                                                                                                                                                          | → 441                   |
| 440 | How long after birth was (NAME IN 407) put on the bare skin of your chest?<br><br>PROBE FOR A NUMERIC RESPONSE.<br>IF LESS THAN 1 HOUR, RECORD '00' HOURS;<br>IF 24 HOURS OR MORE, RECORD 24.                                                                                                                                                                                                       | IMMEDIATELY .....000<br><br>HOURS ..... <input type="text"/> <input type="text"/>                                                                                                                                                        |                         |
| 441 | When (NAME IN 407) was born, was (NAME IN 407) very large, larger than average, average, smaller than average, or very small?                                                                                                                                                                                                                                                                       | VERY LARGE ..... 1<br>LARGER THAN AVERAGE ..... 2<br>AVERAGE ..... 3<br>SMALLER THAN AVERAGE ..... 4<br>VERY SMALL ..... 5<br>DON'T KNOW ..... 8                                                                                         |                         |
| 442 | Was (NAME IN 407) weighed at birth?                                                                                                                                                                                                                                                                                                                                                                 | YES ..... 1<br>NO ..... 2<br>DON'T KNOW ..... 8                                                                                                                                                                                          | → 444                   |
| 443 | How much did (NAME IN 407) weigh?<br><br>RECORD WEIGHT IN KILOGRAMS FROM HEALTH CARD, IF AVAILABLE.                                                                                                                                                                                                                                                                                                 | KG FROM CARD 1 <input type="text"/> . <input type="text"/> <input type="text"/> <input type="text"/><br>KG FROM RECALL 2 <input type="text"/> . <input type="text"/> <input type="text"/> <input type="text"/><br>DON'T KNOW ..... 99998 |                         |
| 444 | CHECK 405: PREGNANCY OUTCOME TYPE<br><br>MOST RECENT LIVE BIRTH <input type="checkbox"/>                                                                                                                                                                                                                                                                                                            | PRIOR LIVE BIRTH <input type="checkbox"/>                                                                                                                                                                                                | → 480                   |
| 445 | CHECK 435: PLACE OF DELIVERY<br><br>FACILITY BIRTH: ANY CODE 21 THROUGH 46 CIRCLED <input type="checkbox"/>                                                                                                                                                                                                                                                                                         | CODE 11, 12, OR 96 CIRCLED <input type="checkbox"/>                                                                                                                                                                                      | → 464                   |
| 447 | CHECK 405:<br>PREGNANCY TYPE <input type="checkbox"/> 1<br>PREGNANCY TYPE <input type="checkbox"/> 3<br>a) How long after (NAME IN 407) was delivered did you stay in (FACILITY IN 435)?<br>b) For the stillbirth you had in (DATE FROM 406), how long after the baby was born did you stay in (FACILITY IN 435)?<br><br>IF LESS THAN ONE DAY, RECORD HOURS;<br>IF LESS THAN ONE WEEK, RECORD DAYS. | HOURS ..... 1<br>DAYS ..... 2<br>WEEKS ..... 3<br>DON'T KNOW .....998                                                                                                                                                                    |                         |

SECTION 4. PREGNANCY AND POSTNATAL CARE

| NO. | QUESTIONS AND FILTERS                                                                                                                                                                                                                                                          | CODING CATEGORIES                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | SKIP  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
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| 448 | I would like to talk to you about checks on your health after delivery, for example, someone asking you questions about your health or examining you.<br><br>Before you left the facility, did anyone check on your health?                                                    | YES ..... 1<br>NO ..... 2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | → 451 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 449 | How long after delivery did the first check take place?<br><br>IF LESS THAN ONE DAY, RECORD HOURS;<br>IF LESS THAN ONE WEEK, RECORD DAYS.                                                                                                                                      | HOURS ..... 1 <table border="1" style="display: inline-table; vertical-align: middle;"><tr><td></td><td></td></tr><tr><td></td><td></td></tr><tr><td></td><td></td></tr></table><br>DAYS ..... 2 <table border="1" style="display: inline-table; vertical-align: middle;"><tr><td></td><td></td></tr><tr><td></td><td></td></tr><tr><td></td><td></td></tr></table><br>WEEKS ..... 3 <table border="1" style="display: inline-table; vertical-align: middle;"><tr><td></td><td></td></tr><tr><td></td><td></td></tr><tr><td></td><td></td></tr></table><br>DON'T KNOW .....998 |       |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
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| 450 | Who checked on your health at that time?<br><br>PROBE FOR MOST QUALIFIED PERSON.                                                                                                                                                                                               | <b>HEALTH PERSONNEL</b><br>FAMILY DOCTOR ..... 11<br>OBSTETRICIAN-GYNECOLOGIST ..... 12<br>OTHER DOCTOR ..... 13<br>NURSE/MALE NURSE ..... 14<br>MIDWIFE ..... 15<br><b>OTHER PERSON</b><br>TRADITIONAL BIRTH ATTENDANT ..... 21<br><br>OTHER _____ 96<br>(SPECIFY)                                                                                                                                                                                                                                                                                                            |       |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 451 | CHECK 405: PREGNANCY OUTCOME TYPE<br><br>MOST RECENT <input type="checkbox"/> LIVE BIRTH<br>MOST RECENT <input type="checkbox"/> STILLBIRTH                                                                                                                                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | → 455 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 452 | Now I would like to talk to you about checks on (NAME'S) health -- for example, someone examining (NAME IN 407), checking the cord, or talking to you about how to care for (NAME IN 407).<br><br>Before (NAME IN 407) left the facility, did anyone check on (NAME'S) health? | YES ..... 1<br>NO ..... 2<br>DON'T KNOW ..... 8                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | → 455 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 453 | How long after delivery was (NAME IN 407)'s health first checked?<br><br>IF LESS THAN ONE DAY, RECORD HOURS;<br>IF LESS THAN ONE WEEK, RECORD DAYS.                                                                                                                            | HOURS ..... 1 <table border="1" style="display: inline-table; vertical-align: middle;"><tr><td></td><td></td></tr><tr><td></td><td></td></tr><tr><td></td><td></td></tr></table><br>DAYS ..... 2 <table border="1" style="display: inline-table; vertical-align: middle;"><tr><td></td><td></td></tr><tr><td></td><td></td></tr><tr><td></td><td></td></tr></table><br>WEEKS ..... 3 <table border="1" style="display: inline-table; vertical-align: middle;"><tr><td></td><td></td></tr><tr><td></td><td></td></tr><tr><td></td><td></td></tr></table><br>DON'T KNOW .....998 |       |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
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| 454 | Who checked on (NAME IN 407)'s health at that time?<br><br>PROBE FOR MOST QUALIFIED PERSON.                                                                                                                                                                                    | <b>HEALTH PERSONNEL</b><br>FAMILY DOCTOR ..... 11<br>OBSTETRICIAN-GYNECOLOGIST ..... 12<br>OTHER DOCTOR ..... 13<br>NURSE/MALE NURSE ..... 14<br>MIDWIFE ..... 15<br><b>OTHER PERSON</b><br>TRADITIONAL BIRTH ATTENDANT ..... 21<br><br>OTHER _____ 96<br>(SPECIFY)                                                                                                                                                                                                                                                                                                            |       |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |

SECTION 4. PREGNANCY AND POSTNATAL CARE

| NO. | QUESTIONS AND FILTERS                                                                                                                                                                                                                                                     | CODING CATEGORIES                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | SKIP  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
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| 455 | Now I would like to talk to you about what happened after you left the facility. Did anyone check on your health after you left the facility?                                                                                                                             | YES ..... 1<br>NO ..... 2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | → 459 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 456 | How long after delivery did that check take place?<br><br>IF LESS THAN ONE DAY, RECORD HOURS;<br>IF LESS THAN ONE WEEK, RECORD DAYS.                                                                                                                                      | HOURS ..... 1 <table border="1" style="display: inline-table; vertical-align: middle;"><tr><td></td><td></td></tr><tr><td></td><td></td></tr><tr><td></td><td></td></tr></table><br>DAYS ..... 2 <table border="1" style="display: inline-table; vertical-align: middle;"><tr><td></td><td></td></tr><tr><td></td><td></td></tr><tr><td></td><td></td></tr></table><br>WEEKS ..... 3 <table border="1" style="display: inline-table; vertical-align: middle;"><tr><td></td><td></td></tr><tr><td></td><td></td></tr><tr><td></td><td></td></tr></table><br>DON'T KNOW .....998 |       |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
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| 457 | Who checked on your health at that time?<br><br>PROBE FOR MOST QUALIFIED PERSON.                                                                                                                                                                                          | <b>HEALTH PERSONNEL</b><br>FAMILY DOCTOR ..... 11<br>OBSTETRICIAN-GYNECOLOGIST ..... 12<br>OTHER DOCTOR ..... 13<br>NURSE/MALE NURSE ..... 14<br>MIDWIFE ..... 15<br><b>OTHER PERSON</b><br>TRADITIONAL BIRTH ATTENDANT ..... 21<br>OTHER ..... 96<br>(SPECIFY)                                                                                                                                                                                                                                                                                                                |       |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 458 | Where did the check take place?<br><br>PROBE TO IDENTIFY THE TYPE OF SOURCE.<br>IF UNABLE TO DETERMINE IF PUBLIC, PRIVATE,<br>OR NGO SECTOR, RECORD '96' AND WRITE THE<br>NAME OF THE PLACE.                                                                              | <b>HOME</b><br>HER HOME ..... 11<br>OTHER HOME ..... 12<br><b>PUBLIC SECTOR</b><br>GOVERNMENT HOSPITAL ..... 21<br>MATERNITY HOME ..... 22<br>URBAN/RAYON/RURAL HEALTH CENTER ..... 23<br>HEALTH HOUSE ..... 24<br>FAMILY MEDICINE CENTER ..... 25<br>OTHER PUBLIC<br>SECTOR ..... 26<br>(SPECIFY)<br><b>PRIVATE MEDICAL SECTOR</b><br>PRIVATE HOSPITAL ..... 31<br>PRIVATE CLINIC ..... 32<br>OTHER PRIVATE MEDICAL<br>SECTOR ..... 36<br>(SPECIFY)<br>OTHER ..... 96<br>(SPECIFY)                                                                                            |       |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 459 | CHECK 405: PREGNANCY OUTCOME TYPE<br><br><div style="display: flex; justify-content: space-around;"> <div>           MOST RECENT<br/>LIVE BIRTH <input type="checkbox"/> </div> <div>           MOST RECENT <input type="checkbox"/><br/>STILLBIRTH         </div> </div> |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | → 474 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 460 | After (NAME IN 407) left (FACILITY IN 435) did any health care provider or a traditional birth attendant check on (NAME IN 407)'s health?                                                                                                                                 | YES ..... 1<br>NO ..... 2<br>DON'T KNOW ..... 8                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | → 473 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |

SECTION 4. PREGNANCY AND POSTNATAL CARE

| NO. | QUESTIONS AND FILTERS                                                                                                                                                                                          | CODING CATEGORIES                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | SKIP                                                                                            |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|-----|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|
| 461 | How long after the birth of (NAME IN 407) did that check take place?<br><br>IF LESS THAN ONE DAY, RECORD HOURS;<br>IF LESS THAN ONE WEEK, RECORD DAYS.                                                         | HOURS ..... 1 <table border="1" style="display: inline-table; vertical-align: middle;"><tr><td></td><td></td></tr><tr><td></td><td></td></tr><tr><td></td><td></td></tr></table><br>DAYS ..... 2 <table border="1" style="display: inline-table; vertical-align: middle;"><tr><td></td><td></td></tr><tr><td></td><td></td></tr><tr><td></td><td></td></tr></table><br>WEEKS ..... 3 <table border="1" style="display: inline-table; vertical-align: middle;"><tr><td></td><td></td></tr><tr><td></td><td></td></tr><tr><td></td><td></td></tr></table><br>DON'T KNOW .....998 |                                                                                                 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
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| 462 | Who checked on (NAME IN 407)'s health at that time?<br><br>PROBE FOR MOST QUALIFIED PERSON.                                                                                                                    | <b>HEALTH PERSONNEL</b><br>FAMILY DOCTOR ..... 11<br>OBSTETRICIAN-GYNECOLOGIST ..... 12<br>OTHER DOCTOR ..... 13<br>NURSE/MALE NURSE ..... 14<br>MIDWIFE ..... 15<br>PATRONAGE FAMILY DOCTOR ..... 16<br>PATRONAGE NURSE/MALE NUR. .... 17<br><b>OTHER PERSON</b><br>TRADITIONAL BIRTH ATTENDANT ..... 21<br><br>OTHER ..... 96<br>(SPECIFY)                                                                                                                                                                                                                                   |                                                                                                 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 463 | Where did this check of (NAME IN 407) take place?<br><br>PROBE TO IDENTIFY THE TYPE OF SOURCE.<br>IF UNABLE TO DETERMINE IF PUBLIC, PRIVATE,<br>OR NGO SECTOR, RECORD '96' AND WRITE THE<br>NAME OF THE PLACE. | <b>HOME</b><br>HER HOME ..... 11<br>OTHER HOME ..... 12<br><b>PUBLIC SECTOR</b><br>GOVERNMENT HOSPITAL ..... 21<br>MATERNITY HOME ..... 22<br>URBAN/RAYON/RURAL HEALTH CENTER ..... 23<br>HEALTH HOUSE ..... 24<br>FAMILY MEDICINE CENTER ..... 25<br>INTEGRATED MANAGEMENT OF CHILDHOOD<br>ILLNESS CENTER ..... 26<br>OTHER PUBLIC<br>SECTOR ..... 27<br>(SPECIFY)<br><br><b>PRIVATE MEDICAL SECTOR</b><br>PRIVATE HOSPITAL ..... 31<br>PRIVATE CLINIC ..... 32<br>OTHER PRIVATE MEDICAL<br>SECTOR ..... 36<br>(SPECIFY)<br><br>OTHER ..... 96<br>(SPECIFY)                   | <div style="border-left: 1px solid black; padding-left: 10px; margin-left: 10px;"> → 473 </div> |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |

**SECTION 4. PREGNANCY AND POSTNATAL CARE**

| NO. | QUESTIONS AND FILTERS                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | CODING CATEGORIES                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | SKIP  |
|-----|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|
| 464 | <p>CHECK 405:</p> <div style="display: flex; justify-content: space-between;"> <div style="width: 45%;"> <p>PREGNANCY TYPE 1 <input type="checkbox"/></p> <p>a) I would like to talk to you about checks on your health after delivery, for example, someone asking you questions about your health or examining you. Did anyone check on your health after you gave birth to (NAME IN 407)?</p> </div> <div style="width: 45%;"> <p>PREGNANCY TYPE 3 <input type="checkbox"/></p> <p>b) I would like to talk to you about checks on your health after delivery, for example, someone asking you questions about your health or examining you. Did anyone check on your health after you delivered the stillbirth you had in (DATE FROM 406)?</p> </div> </div> | <p>YES ..... 1</p> <p>NO ..... 2</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | → 468 |
| 465 | <p>How long after delivery did the first check take place?</p> <p>IF LESS THAN ONE DAY, RECORD HOURS;<br/>IF LESS THAN ONE WEEK, RECORD DAYS.</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | <p>HOURS ..... 1 <input type="text"/> <input type="text"/></p> <p>DAYS ..... 2 <input type="text"/> <input type="text"/></p> <p>WEEKS ..... 3 <input type="text"/> <input type="text"/></p> <p>DON'T KNOW .....998</p>                                                                                                                                                                                                                                                                                                                                                                                |       |
| 466 | <p>Who checked on your health at that time?</p> <p>PROBE FOR MOST QUALIFIED PERSON.</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | <p><b>HEALTH PERSONNEL</b></p> <p>FAMILY DOCTOR ..... 11</p> <p>OBSTETRICIAN-GYNECOLOGIST ..... 12</p> <p>OTHER DOCTOR ..... 13</p> <p>NURSE/MALE NURSE ..... 14</p> <p>MIDWIFE ..... 15</p> <p><b>OTHER PERSON</b></p> <p>TRADITIONAL BIRTH ATTENDANT ..... 21</p> <p>OTHER ..... 96</p> <p align="center">(SPECIFY)</p>                                                                                                                                                                                                                                                                             |       |
| 467 | <p>Where did this first check take place?</p> <p>PROBE TO IDENTIFY THE TYPE OF SOURCE.<br/>IF UNABLE TO DETERMINE IF PUBLIC, PRIVATE,<br/>OR NGO SECTOR, RECORD '96' AND WRITE THE<br/>NAME OF THE PLACE.</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | <p><b>HOME</b></p> <p>HER HOME ..... 11</p> <p>OTHER HOME ..... 12</p> <p><b>PUBLIC SECTOR</b></p> <p>GOVERNMENT HOSPITAL ..... 21</p> <p>MATERNITY HOME ..... 22</p> <p>URBAN/RAYON/RURAL HEALTH CENTER ..... 23</p> <p>HEALTH HOUSE ..... 24</p> <p>FAMILY MEDICINE CENTER ..... 25</p> <p>OTHER PUBLIC SECTOR ..... 26</p> <p align="center">(SPECIFY)</p> <p><b>PRIVATE MEDICAL SECTOR</b></p> <p>PRIVATE HOSPITAL ..... 31</p> <p>PRIVATE CLINIC ..... 32</p> <p>OTHER PRIVATE MEDICAL SECTOR ..... 36</p> <p align="center">(SPECIFY)</p> <p>OTHER ..... 96</p> <p align="center">(SPECIFY)</p> |       |



SECTION 4. PREGNANCY AND POSTNATAL CARE

| NO. | QUESTIONS AND FILTERS                                                                                                                                                                                                                                                                                               | CODING CATEGORIES                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | SKIP  |
|-----|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|
| 468 | CHECK 405: PREGNANCY OUTCOME TYPE<br><br>MOST RECENT LIVE BIRTH <input type="checkbox"/><br>MOST RECENT STILLBIRTH <input type="checkbox"/>                                                                                                                                                                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | → 474 |
| 469 | I would like to talk to you about checks on (NAME's) health -- for example, someone examining (NAME IN 407), checking the cord, or talking to you about how to care for (NAME IN 407).<br><br>After (NAME IN 407) was born, did any health care provider or a traditional birth attendant check on (NAME's) health? | YES ..... 1<br>NO ..... 2<br>DON'T KNOW ..... 8                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | → 473 |
| 470 | How long after the birth of (NAME IN 407) did that check take place?<br><br>IF LESS THAN ONE DAY, RECORD HOURS;<br>IF LESS THAN ONE WEEK, RECORD DAYS.                                                                                                                                                              | HOURS ..... 1<br>DAYS ..... 2<br>WEEKS ..... 3<br>DON'T KNOW ..... 998                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |       |
| 471 | Who checked on (NAME IN 407)'s health at that time?<br><br>PROBE FOR MOST QUALIFIED PERSON.                                                                                                                                                                                                                         | <b>HEALTH PERSONNEL</b><br>FAMILY DOCTOR ..... 11<br>OBSTETRICIAN-GYNECOLOGIST ..... 12<br>OTHER DOCTOR ..... 13<br>NURSE/MALE NURSE ..... 14<br>MIDWIFE ..... 15<br>PATRONAGE FAMILY DOCTOR ..... 16<br>PATRONAGE NURSE/MALE NUR. .... 17<br><b>OTHER PERSON</b><br>TRADITIONAL BIRTH ATTENDANT ..... 21<br><br>OTHER ..... 96<br>(SPECIFY)                                                                                                                                                                                                                      |       |
| 472 | Where did this first check of (NAME IN 407) take place?<br><br>PROBE TO IDENTIFY THE TYPE OF SOURCE.<br>IF UNABLE TO DETERMINE IF PUBLIC, PRIVATE,<br>OR NGO SECTOR, RECORD '96' AND WRITE THE<br>NAME OF THE PLACE.                                                                                                | <b>HOME</b><br>HER HOME ..... 11<br>OTHER HOME ..... 12<br><br><b>PUBLIC SECTOR</b><br>GOVERNMENT HOSPITAL ..... 21<br>MATERNITY HOME ..... 22<br>URBAN/RAYON/RURAL HEALTH CENTER ..... 23<br>HEALTH HOUSE ..... 24<br>FAMILY MEDICINE CENTER ..... 25<br>INTEGRATED MANAGEMENT OF CHILDHOOD<br>ILLNESS CENTER ..... 26<br><br>OTHER PUBLIC SECTOR ..... 27<br>(SPECIFY)<br><br><b>PRIVATE MEDICAL SECTOR</b><br>PRIVATE HOSPITAL ..... 31<br>PRIVATE CLINIC ..... 32<br>OTHER PRIVATE MEDICAL<br>SECTOR ..... 36<br>(SPECIFY)<br><br>OTHER ..... 96<br>(SPECIFY) |       |

SECTION 4. PREGNANCY AND POSTNATAL CARE

| NO. | QUESTIONS AND FILTERS                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | CODING CATEGORIES                                                                                                                                                                                                                                   | SKIP           |
|-----|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------|
| 473 | During the first 2 days after (NAME IN 407)'s birth, did any health care provider do the following:<br><br>a) Examine the cord?<br>b) Measure (NAME IN 407)'s temperature?<br>c) Tell you how to recognize if your baby needs immediate medical attention?<br>d) Talk with you about breastfeeding?<br>e) Observe (NAME IN 407) breastfeeding to see if you are doing it correctly?                                                                                                         | <div style="text-align: right;">YES    NO    DK</div> a) CORD ..... 1    2    8<br>b) TEMPERATURE ..... 1    2    8<br>c) MEDICAL ATTENTION ..... 1    2    8<br>d) TALK ABOUT BREASTFEEDING 1    2    8<br>e) OBSERVE BREASTFEEDING .. 1    2    8 |                |
| 474 | During the first 2 days after the birth, did any healthcare provider do the following to you:<br><br>a) Measure your blood pressure?<br>b) Discuss your vaginal bleeding with you?<br>c) Discuss family planning with you?                                                                                                                                                                                                                                                                  | <div style="text-align: right;">YES    NO    DK</div> a) BLOOD PRESSURE ..... 1    2    8<br>b) BLEEDING ..... 1    2    8<br>c) FAMILY PLANNING ..... 1    2    8                                                                                  |                |
| 475 | CHECK 215: IS THIS PREGNANCY THE WOMAN'S LAST PREGNANCY?<br><br><div style="display: flex; justify-content: space-around;"> <span>YES <input type="checkbox"/></span> <span>NO <input type="checkbox"/></span> </div>                                                                                                                                                                                                                                                                       |                                                                                                                                                                                                                                                     | → 479          |
| 476 | CHECK 405:<br><br><div style="display: flex; justify-content: space-around;"> <div style="text-align: center;">           PREGNANCY<br/>TYPE 1 <input type="checkbox"/><br/>↓         </div> <div style="text-align: center;">           PREGNANCY<br/>TYPE 3 OR 5 <input type="checkbox"/><br/>↓         </div> </div> a) Has your menstrual period returned since the birth of (NAME IN 407)?<br>b) Has your menstrual period returned since the pregnancy that ended in (DATE FROM 406)? | YES ..... 1<br>NO ..... 2                                                                                                                                                                                                                           |                |
| 477 | CHECK 232: IS RESPONDENT PREGNANT?<br><br><div style="display: flex; justify-content: space-around;"> <span>NOT PREGNANT <input type="checkbox"/></span> <span>PREGNANT OR UNSURE <input type="checkbox"/></span> </div>                                                                                                                                                                                                                                                                    |                                                                                                                                                                                                                                                     | → 479          |
| 478 | CHECK 405:<br><br><div style="display: flex; justify-content: space-around;"> <div style="text-align: center;">           PREGNANCY<br/>TYPE 1 <input type="checkbox"/><br/>↓         </div> <div style="text-align: center;">           PREGNANCY<br/>TYPE 3 OR 5 <input type="checkbox"/><br/>↓         </div> </div> a) Have you had sexual intercourse since the birth of (NAME IN 407)?<br>b) Have you had sexual intercourse since the pregnancy that ended in (DATE FROM 406)?       | YES ..... 1<br>NO ..... 2                                                                                                                                                                                                                           |                |
| 479 | CHECK 405: PREGNANCY OUTCOME TYPE                                                                                                                                                                                                                                                                                                                                                                                                                                                           | MOST RECENT LIVE BIRTH ..... 1<br>MOST RECENT STILLBIRTH ..... 3<br>MISCARRIAGE/ABORTION ..... 5                                                                                                                                                    | → 487          |
| 480 | Did you ever breastfeed (NAME IN 407)?                                                                                                                                                                                                                                                                                                                                                                                                                                                      | YES ..... 1<br>NO ..... 2                                                                                                                                                                                                                           | → 482          |
| 481 | CHECK 224 FOR CHILD:                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | LIVING <input type="checkbox"/><br><br>DEAD <input type="checkbox"/>                                                                                                                                                                                | → 486<br>→ 487 |

SECTION 4. PREGNANCY AND POSTNATAL CARE

| NO. | QUESTIONS AND FILTERS                                                                                                                                                                                                                                                                              | CODING CATEGORIES                                         | SKIP  |
|-----|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------|-------|
| 482 | How long after birth did you first put (NAME IN 407) to the breast?<br><br>IF LESS THAN 1 HOUR, RECORD '00' HOURS;<br>IF LESS THAN 24 HOURS, RECORD HOURS;<br>OTHERWISE, RECORD DAYS.                                                                                                              | IMMEDIATELY .....000<br><br>HOURS ..... 1<br>DAYS ..... 2 |       |
| 483 | In the first 2 days after delivery, was (NAME IN 407) given anything other than breast milk to eat or drink – anything at all like water, infant formula, or tea?                                                                                                                                  | YES ..... 1<br>NO ..... 2                                 |       |
| 484 | CHECK 224 FOR CHILD:<br><br>LIVING <input type="checkbox"/><br>DEAD <input type="checkbox"/>                                                                                                                                                                                                       |                                                           | → 487 |
| 485 | Are you still breastfeeding (NAME IN 407)?                                                                                                                                                                                                                                                         | YES ..... 1<br>NO ..... 2                                 |       |
| 486 | Did (NAME IN 407) drink anything from a bottle with a nipple yesterday during the day or at night?                                                                                                                                                                                                 | YES ..... 1<br>NO ..... 2<br>DON'T KNOW ..... 8           |       |
| 487 | CHECK 402: ANY MORE PREGNANCY OUTCOMES 0-35 MONTHS BEFORE THE SURVEY?<br><br>MORE PREGNANCY OUTCOMES 0-35 MONTHS BEFORE THE SURVEY <input type="checkbox"/><br>(GO TO 404 FOR THE NEXT PREGNANCY OUTCOME)<br><br>NO MORE PREGNANCY OUTCOMES 0-35 MONTHS BEFORE THE SURVEY <input type="checkbox"/> |                                                           | → 501 |

SECTION 5. CHILD IMMUNIZATION

| NO. | QUESTIONS AND FILTERS                                                                                                                                                                                                                                                                                                                                                                                            | CODING CATEGORIES                                                                                                                                                                                                                                        | SKIP                                                                                    |
|-----|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------|
| 501 | CHECK 220, 224 AND 225 IN THE PREGNANCY HISTORY: ANY SURVIVING CHILDREN BORN 0-35 MONTHS BEFORE THE SURVEY?<br><br><div style="display: flex; justify-content: space-around;"> <div>ONE OR MORE<br/>SURVIVING CHILDREN<br/>BORN 0-35 MONTHS<br/>BEFORE THE SURVEY <input type="checkbox"/></div> <div>NO SURVIVING<br/>CHILDREN BORN <input type="checkbox"/><br/>0-35 MONTHS<br/>BEFORE THE SURVEY</div> </div> | <div style="text-align: right;">→ 601</div>                                                                                                                                                                                                              |                                                                                         |
| 502 | Now I would like to ask some questions about vaccinations received by your children born in the last 3 years. We will talk about each separately, starting with the youngest.                                                                                                                                                                                                                                    |                                                                                                                                                                                                                                                          |                                                                                         |
| 503 | RECORD THE NAME AND PREGNANCY HISTORY NUMBER FROM 215 AND 218 OF THE SURVIVING CHILDREN BORN 0-35 MONTHS BEFORE THE SURVEY, STARTING WITH THE LAST ONE.<br><br>NAME OF CHILD _____ PREGNANCY HISTORY NUMBER .. <input type="text"/> <input type="text"/>                                                                                                                                                         |                                                                                                                                                                                                                                                          |                                                                                         |
| 504 | Do you have a vaccination passport or other document where (NAME IN 503)'s vaccinations are written down?                                                                                                                                                                                                                                                                                                        | YES, HAS ONLY A VACCINATION PASSPORT .. 1<br>YES, HAS ONLY ANOTHER DOCUMENT..... 2<br>YES, HAS PASSPORT AND OTHER DOCUMENT .. 3<br>NO, NO PASSPORT AND NO OTHER DOCUMENT .. 4                                                                            | <div style="text-align: right;">→ 507</div> <div style="text-align: right;">→ 507</div> |
| 505 | Did you ever have a vaccination passport for (NAME IN 503)?                                                                                                                                                                                                                                                                                                                                                      | YES ..... 1<br>NO ..... 2                                                                                                                                                                                                                                |                                                                                         |
| 506 | CHECK 504:<br><br><div style="display: flex; justify-content: space-around;"> <div>CODE '2' CIRCLED <input type="checkbox"/></div> <div>CODE '4' CIRCLED <input type="checkbox"/></div> </div>                                                                                                                                                                                                                   | <div style="text-align: right;">→ 513</div>                                                                                                                                                                                                              |                                                                                         |
| 507 | May I see the vaccination passport or other document where (NAME IN 503)'s vaccinations are written down?                                                                                                                                                                                                                                                                                                        | YES, ONLY VACCINATION PASSPORT SEEN ..... 1<br>YES, ONLY OTHER DOCUMENT SEEN ..... 2<br>YES, PASSPORT AND OTHER<br>DOCUMENT SEEN ..... 3<br>NO PASSPORT AND NO OTHER<br>DOCUMENT SEEN ..... 4                                                            | <div style="text-align: right;">→ 513</div>                                             |
| 508 | RECORD (NAME'S) DATE OF BIRTH FROM THE VACCINATION PASSPORT OR OTHER DOCUMENT.                                                                                                                                                                                                                                                                                                                                   | DAY ..... <input type="text"/> <input type="text"/><br>MONTH ..... <input type="text"/> <input type="text"/><br>YEAR ..... <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/><br><br>DATE OF BIRTH NOT ON CARD ..... 95 |                                                                                         |

SECTION 5. CHILD IMMUNIZATION

| NO.                                                            | QUESTIONS AND FILTERS                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | CODING CATEGORIES                                                                                                                                                                   | SKIP  |       |      |     |  |  |  |                                                          |  |  |  |                                                                |  |  |  |                            |  |  |  |                            |  |  |  |                            |  |  |  |                            |  |  |  |                                     |  |  |  |                                     |  |  |  |                                     |  |  |  |             |  |  |  |             |  |  |  |                                   |  |  |  |                                   |  |  |  |                |  |  |  |                |  |  |  |                |  |  |  |                                                 |  |  |  |       |  |  |  |                         |  |  |  |  |  |
|----------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|-------|------|-----|--|--|--|----------------------------------------------------------|--|--|--|----------------------------------------------------------------|--|--|--|----------------------------|--|--|--|----------------------------|--|--|--|----------------------------|--|--|--|----------------------------|--|--|--|-------------------------------------|--|--|--|-------------------------------------|--|--|--|-------------------------------------|--|--|--|-------------|--|--|--|-------------|--|--|--|-----------------------------------|--|--|--|-----------------------------------|--|--|--|----------------|--|--|--|----------------|--|--|--|----------------|--|--|--|-------------------------------------------------|--|--|--|-------|--|--|--|-------------------------|--|--|--|--|--|
|                                                                | NAME OF LIVE BIRTH _____ PREGNANCY HISTORY NUMBER .. <span style="border: 1px solid black; padding: 2px 10px;">  </span>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                                                                                                                                                                     |       |       |      |     |  |  |  |                                                          |  |  |  |                                                                |  |  |  |                            |  |  |  |                            |  |  |  |                            |  |  |  |                            |  |  |  |                                     |  |  |  |                                     |  |  |  |                                     |  |  |  |             |  |  |  |             |  |  |  |                                   |  |  |  |                                   |  |  |  |                |  |  |  |                |  |  |  |                |  |  |  |                                                 |  |  |  |       |  |  |  |                         |  |  |  |  |  |
| 509                                                            | <p>COPY VACCINATION DATES FROM THE VACCINATION PASSPORT FOR (NAME).<br/>RECORD '44' IN 'DAY' COLUMN IF PASSPORT SHOWS THAT A DOSE WAS GIVEN, BUT NO DATE IS<br/>RECORDED. RECORD '00' IN 'DAY' COLUMN IF PASSPORT IS BLANK FOR THE DOSE.</p> <table style="width:100%; border-collapse: collapse;"> <thead> <tr> <th></th> <th style="text-align: center;">DAY</th> <th style="text-align: center;">MONTH</th> <th style="text-align: center;">YEAR</th> </tr> </thead> <tbody> <tr><td>BCG</td><td></td><td></td><td></td></tr> <tr><td>HEPATITIS B WITHIN THE FIRST 24 HOURS OF BIRTH (HEP B-1)</td><td></td><td></td><td></td></tr> <tr><td>ORAL OLIO VACCINE (OPV) 0 (WITHIN THE FIRST 24 HOURS OF BIRTH)</td><td></td><td></td><td></td></tr> <tr><td>ORAL POLIO VACCINE (OPV) 1</td><td></td><td></td><td></td></tr> <tr><td>ORAL POLIO VACCINE (OPV) 2</td><td></td><td></td><td></td></tr> <tr><td>ORAL POLIO VACCINE (OPV) 3</td><td></td><td></td><td></td></tr> <tr><td>ORAL POLIO VACCINE (OPV) 4</td><td></td><td></td><td></td></tr> <tr><td>DPT 1-HEP.B 1-HIB 1 (PENTAVALENT) 1</td><td></td><td></td><td></td></tr> <tr><td>DPT 2-HEP.B 2-HIB 2 (PENTAVALENT) 2</td><td></td><td></td><td></td></tr> <tr><td>DPT 3-HEP.B 3-HIB 3 (PENTAVALENT) 3</td><td></td><td></td><td></td></tr> <tr><td>ROTAVIRUS 1</td><td></td><td></td><td></td></tr> <tr><td>ROTAVIRUS 2</td><td></td><td></td><td></td></tr> <tr><td>INACTIVATED POLIO VACCINE (IPV) 1</td><td></td><td></td><td></td></tr> <tr><td>INACTIVATED POLIO VACCINE (IPV) 2</td><td></td><td></td><td></td></tr> <tr><td>PNEUMOCOCCAL 1</td><td></td><td></td><td></td></tr> <tr><td>PNEUMOCOCCAL 2</td><td></td><td></td><td></td></tr> <tr><td>PNEUMOCOCCAL 3</td><td></td><td></td><td></td></tr> <tr><td>MEASLES, MUMPS AND RUBELLA VACCINE (MM OR MMR)1</td><td></td><td></td><td></td></tr> <tr><td>DPT 4</td><td></td><td></td><td></td></tr> <tr><td>VITAMIN A (MOST RECENT)</td><td></td><td></td><td></td></tr> </tbody> </table> |                                                                                                                                                                                     | DAY   | MONTH | YEAR | BCG |  |  |  | HEPATITIS B WITHIN THE FIRST 24 HOURS OF BIRTH (HEP B-1) |  |  |  | ORAL OLIO VACCINE (OPV) 0 (WITHIN THE FIRST 24 HOURS OF BIRTH) |  |  |  | ORAL POLIO VACCINE (OPV) 1 |  |  |  | ORAL POLIO VACCINE (OPV) 2 |  |  |  | ORAL POLIO VACCINE (OPV) 3 |  |  |  | ORAL POLIO VACCINE (OPV) 4 |  |  |  | DPT 1-HEP.B 1-HIB 1 (PENTAVALENT) 1 |  |  |  | DPT 2-HEP.B 2-HIB 2 (PENTAVALENT) 2 |  |  |  | DPT 3-HEP.B 3-HIB 3 (PENTAVALENT) 3 |  |  |  | ROTAVIRUS 1 |  |  |  | ROTAVIRUS 2 |  |  |  | INACTIVATED POLIO VACCINE (IPV) 1 |  |  |  | INACTIVATED POLIO VACCINE (IPV) 2 |  |  |  | PNEUMOCOCCAL 1 |  |  |  | PNEUMOCOCCAL 2 |  |  |  | PNEUMOCOCCAL 3 |  |  |  | MEASLES, MUMPS AND RUBELLA VACCINE (MM OR MMR)1 |  |  |  | DPT 4 |  |  |  | VITAMIN A (MOST RECENT) |  |  |  |  |  |
|                                                                | DAY                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | MONTH                                                                                                                                                                               | YEAR  |       |      |     |  |  |  |                                                          |  |  |  |                                                                |  |  |  |                            |  |  |  |                            |  |  |  |                            |  |  |  |                            |  |  |  |                                     |  |  |  |                                     |  |  |  |                                     |  |  |  |             |  |  |  |             |  |  |  |                                   |  |  |  |                                   |  |  |  |                |  |  |  |                |  |  |  |                |  |  |  |                                                 |  |  |  |       |  |  |  |                         |  |  |  |  |  |
| BCG                                                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                                                                                                                                                                     |       |       |      |     |  |  |  |                                                          |  |  |  |                                                                |  |  |  |                            |  |  |  |                            |  |  |  |                            |  |  |  |                            |  |  |  |                                     |  |  |  |                                     |  |  |  |                                     |  |  |  |             |  |  |  |             |  |  |  |                                   |  |  |  |                                   |  |  |  |                |  |  |  |                |  |  |  |                |  |  |  |                                                 |  |  |  |       |  |  |  |                         |  |  |  |  |  |
| HEPATITIS B WITHIN THE FIRST 24 HOURS OF BIRTH (HEP B-1)       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                                                                                                                                                                     |       |       |      |     |  |  |  |                                                          |  |  |  |                                                                |  |  |  |                            |  |  |  |                            |  |  |  |                            |  |  |  |                            |  |  |  |                                     |  |  |  |                                     |  |  |  |                                     |  |  |  |             |  |  |  |             |  |  |  |                                   |  |  |  |                                   |  |  |  |                |  |  |  |                |  |  |  |                |  |  |  |                                                 |  |  |  |       |  |  |  |                         |  |  |  |  |  |
| ORAL OLIO VACCINE (OPV) 0 (WITHIN THE FIRST 24 HOURS OF BIRTH) |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                                                                                                                                                                     |       |       |      |     |  |  |  |                                                          |  |  |  |                                                                |  |  |  |                            |  |  |  |                            |  |  |  |                            |  |  |  |                            |  |  |  |                                     |  |  |  |                                     |  |  |  |                                     |  |  |  |             |  |  |  |             |  |  |  |                                   |  |  |  |                                   |  |  |  |                |  |  |  |                |  |  |  |                |  |  |  |                                                 |  |  |  |       |  |  |  |                         |  |  |  |  |  |
| ORAL POLIO VACCINE (OPV) 1                                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                                                                                                                                                                     |       |       |      |     |  |  |  |                                                          |  |  |  |                                                                |  |  |  |                            |  |  |  |                            |  |  |  |                            |  |  |  |                            |  |  |  |                                     |  |  |  |                                     |  |  |  |                                     |  |  |  |             |  |  |  |             |  |  |  |                                   |  |  |  |                                   |  |  |  |                |  |  |  |                |  |  |  |                |  |  |  |                                                 |  |  |  |       |  |  |  |                         |  |  |  |  |  |
| ORAL POLIO VACCINE (OPV) 2                                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                                                                                                                                                                     |       |       |      |     |  |  |  |                                                          |  |  |  |                                                                |  |  |  |                            |  |  |  |                            |  |  |  |                            |  |  |  |                            |  |  |  |                                     |  |  |  |                                     |  |  |  |                                     |  |  |  |             |  |  |  |             |  |  |  |                                   |  |  |  |                                   |  |  |  |                |  |  |  |                |  |  |  |                |  |  |  |                                                 |  |  |  |       |  |  |  |                         |  |  |  |  |  |
| ORAL POLIO VACCINE (OPV) 3                                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                                                                                                                                                                     |       |       |      |     |  |  |  |                                                          |  |  |  |                                                                |  |  |  |                            |  |  |  |                            |  |  |  |                            |  |  |  |                            |  |  |  |                                     |  |  |  |                                     |  |  |  |                                     |  |  |  |             |  |  |  |             |  |  |  |                                   |  |  |  |                                   |  |  |  |                |  |  |  |                |  |  |  |                |  |  |  |                                                 |  |  |  |       |  |  |  |                         |  |  |  |  |  |
| ORAL POLIO VACCINE (OPV) 4                                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                                                                                                                                                                     |       |       |      |     |  |  |  |                                                          |  |  |  |                                                                |  |  |  |                            |  |  |  |                            |  |  |  |                            |  |  |  |                            |  |  |  |                                     |  |  |  |                                     |  |  |  |                                     |  |  |  |             |  |  |  |             |  |  |  |                                   |  |  |  |                                   |  |  |  |                |  |  |  |                |  |  |  |                |  |  |  |                                                 |  |  |  |       |  |  |  |                         |  |  |  |  |  |
| DPT 1-HEP.B 1-HIB 1 (PENTAVALENT) 1                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                                                                                                                                                                     |       |       |      |     |  |  |  |                                                          |  |  |  |                                                                |  |  |  |                            |  |  |  |                            |  |  |  |                            |  |  |  |                            |  |  |  |                                     |  |  |  |                                     |  |  |  |                                     |  |  |  |             |  |  |  |             |  |  |  |                                   |  |  |  |                                   |  |  |  |                |  |  |  |                |  |  |  |                |  |  |  |                                                 |  |  |  |       |  |  |  |                         |  |  |  |  |  |
| DPT 2-HEP.B 2-HIB 2 (PENTAVALENT) 2                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                                                                                                                                                                     |       |       |      |     |  |  |  |                                                          |  |  |  |                                                                |  |  |  |                            |  |  |  |                            |  |  |  |                            |  |  |  |                            |  |  |  |                                     |  |  |  |                                     |  |  |  |                                     |  |  |  |             |  |  |  |             |  |  |  |                                   |  |  |  |                                   |  |  |  |                |  |  |  |                |  |  |  |                |  |  |  |                                                 |  |  |  |       |  |  |  |                         |  |  |  |  |  |
| DPT 3-HEP.B 3-HIB 3 (PENTAVALENT) 3                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                                                                                                                                                                     |       |       |      |     |  |  |  |                                                          |  |  |  |                                                                |  |  |  |                            |  |  |  |                            |  |  |  |                            |  |  |  |                            |  |  |  |                                     |  |  |  |                                     |  |  |  |                                     |  |  |  |             |  |  |  |             |  |  |  |                                   |  |  |  |                                   |  |  |  |                |  |  |  |                |  |  |  |                |  |  |  |                                                 |  |  |  |       |  |  |  |                         |  |  |  |  |  |
| ROTAVIRUS 1                                                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                                                                                                                                                                     |       |       |      |     |  |  |  |                                                          |  |  |  |                                                                |  |  |  |                            |  |  |  |                            |  |  |  |                            |  |  |  |                            |  |  |  |                                     |  |  |  |                                     |  |  |  |                                     |  |  |  |             |  |  |  |             |  |  |  |                                   |  |  |  |                                   |  |  |  |                |  |  |  |                |  |  |  |                |  |  |  |                                                 |  |  |  |       |  |  |  |                         |  |  |  |  |  |
| ROTAVIRUS 2                                                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                                                                                                                                                                     |       |       |      |     |  |  |  |                                                          |  |  |  |                                                                |  |  |  |                            |  |  |  |                            |  |  |  |                            |  |  |  |                            |  |  |  |                                     |  |  |  |                                     |  |  |  |                                     |  |  |  |             |  |  |  |             |  |  |  |                                   |  |  |  |                                   |  |  |  |                |  |  |  |                |  |  |  |                |  |  |  |                                                 |  |  |  |       |  |  |  |                         |  |  |  |  |  |
| INACTIVATED POLIO VACCINE (IPV) 1                              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                                                                                                                                                                     |       |       |      |     |  |  |  |                                                          |  |  |  |                                                                |  |  |  |                            |  |  |  |                            |  |  |  |                            |  |  |  |                            |  |  |  |                                     |  |  |  |                                     |  |  |  |                                     |  |  |  |             |  |  |  |             |  |  |  |                                   |  |  |  |                                   |  |  |  |                |  |  |  |                |  |  |  |                |  |  |  |                                                 |  |  |  |       |  |  |  |                         |  |  |  |  |  |
| INACTIVATED POLIO VACCINE (IPV) 2                              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                                                                                                                                                                     |       |       |      |     |  |  |  |                                                          |  |  |  |                                                                |  |  |  |                            |  |  |  |                            |  |  |  |                            |  |  |  |                            |  |  |  |                                     |  |  |  |                                     |  |  |  |                                     |  |  |  |             |  |  |  |             |  |  |  |                                   |  |  |  |                                   |  |  |  |                |  |  |  |                |  |  |  |                |  |  |  |                                                 |  |  |  |       |  |  |  |                         |  |  |  |  |  |
| PNEUMOCOCCAL 1                                                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                                                                                                                                                                     |       |       |      |     |  |  |  |                                                          |  |  |  |                                                                |  |  |  |                            |  |  |  |                            |  |  |  |                            |  |  |  |                            |  |  |  |                                     |  |  |  |                                     |  |  |  |                                     |  |  |  |             |  |  |  |             |  |  |  |                                   |  |  |  |                                   |  |  |  |                |  |  |  |                |  |  |  |                |  |  |  |                                                 |  |  |  |       |  |  |  |                         |  |  |  |  |  |
| PNEUMOCOCCAL 2                                                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                                                                                                                                                                     |       |       |      |     |  |  |  |                                                          |  |  |  |                                                                |  |  |  |                            |  |  |  |                            |  |  |  |                            |  |  |  |                            |  |  |  |                                     |  |  |  |                                     |  |  |  |                                     |  |  |  |             |  |  |  |             |  |  |  |                                   |  |  |  |                                   |  |  |  |                |  |  |  |                |  |  |  |                |  |  |  |                                                 |  |  |  |       |  |  |  |                         |  |  |  |  |  |
| PNEUMOCOCCAL 3                                                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                                                                                                                                                                     |       |       |      |     |  |  |  |                                                          |  |  |  |                                                                |  |  |  |                            |  |  |  |                            |  |  |  |                            |  |  |  |                            |  |  |  |                                     |  |  |  |                                     |  |  |  |                                     |  |  |  |             |  |  |  |             |  |  |  |                                   |  |  |  |                                   |  |  |  |                |  |  |  |                |  |  |  |                |  |  |  |                                                 |  |  |  |       |  |  |  |                         |  |  |  |  |  |
| MEASLES, MUMPS AND RUBELLA VACCINE (MM OR MMR)1                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                                                                                                                                                                     |       |       |      |     |  |  |  |                                                          |  |  |  |                                                                |  |  |  |                            |  |  |  |                            |  |  |  |                            |  |  |  |                            |  |  |  |                                     |  |  |  |                                     |  |  |  |                                     |  |  |  |             |  |  |  |             |  |  |  |                                   |  |  |  |                                   |  |  |  |                |  |  |  |                |  |  |  |                |  |  |  |                                                 |  |  |  |       |  |  |  |                         |  |  |  |  |  |
| DPT 4                                                          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                                                                                                                                                                     |       |       |      |     |  |  |  |                                                          |  |  |  |                                                                |  |  |  |                            |  |  |  |                            |  |  |  |                            |  |  |  |                            |  |  |  |                                     |  |  |  |                                     |  |  |  |                                     |  |  |  |             |  |  |  |             |  |  |  |                                   |  |  |  |                                   |  |  |  |                |  |  |  |                |  |  |  |                |  |  |  |                                                 |  |  |  |       |  |  |  |                         |  |  |  |  |  |
| VITAMIN A (MOST RECENT)                                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                                                                                                                                                                     |       |       |      |     |  |  |  |                                                          |  |  |  |                                                                |  |  |  |                            |  |  |  |                            |  |  |  |                            |  |  |  |                            |  |  |  |                                     |  |  |  |                                     |  |  |  |                                     |  |  |  |             |  |  |  |             |  |  |  |                                   |  |  |  |                                   |  |  |  |                |  |  |  |                |  |  |  |                |  |  |  |                                                 |  |  |  |       |  |  |  |                         |  |  |  |  |  |
| 510                                                            | ASK THE RESPONDENT FOR PERMISSION TO PHOTOGRAPH VACCINATION PASSPORT OR OTHER DOCUMENT WHERE VACCINATIONS ARE WRITTEN. IF PERMISSION IS GRANTED, PHOTOGRAPH VACCINATION PASSPORT.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | PHOTOGRAPH TAKEN ..... 1<br>PHOTOGRAPH NOT TAKEN, PERMISSION NOT RECEIVED ..... 2<br>PHOTOGRAPH NOT TAKEN, OTHER REASON _____ 6<br><div style="text-align: center;">(SPECIFY)</div> |       |       |      |     |  |  |  |                                                          |  |  |  |                                                                |  |  |  |                            |  |  |  |                            |  |  |  |                            |  |  |  |                            |  |  |  |                                     |  |  |  |                                     |  |  |  |                                     |  |  |  |             |  |  |  |             |  |  |  |                                   |  |  |  |                                   |  |  |  |                |  |  |  |                |  |  |  |                |  |  |  |                                                 |  |  |  |       |  |  |  |                         |  |  |  |  |  |
| 511                                                            | CHECK 509: 'BCG' TO 'DPT-4' ALL HAVE A DATE RECORDED OR '44' RECORDED IN THE 'DAY' COLUMN<br><br><div style="display: flex; justify-content: space-around; align-items: center;"> <span>NO <input type="checkbox"/></span> <span>YES <input type="checkbox"/></span> </div>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                                                                                                                                                                     | → 529 |       |      |     |  |  |  |                                                          |  |  |  |                                                                |  |  |  |                            |  |  |  |                            |  |  |  |                            |  |  |  |                            |  |  |  |                                     |  |  |  |                                     |  |  |  |                                     |  |  |  |             |  |  |  |             |  |  |  |                                   |  |  |  |                                   |  |  |  |                |  |  |  |                |  |  |  |                |  |  |  |                                                 |  |  |  |       |  |  |  |                         |  |  |  |  |  |

SECTION 5. CHILD IMMUNIZATION

| NO.  | QUESTIONS AND FILTERS                                                                                                                                                                                                                                                                                                                   | CODING CATEGORIES                                                                                                                                                                                                                                                                      | SKIP |
|------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|
|      | NAME OF LIVE BIRTH _____                                                                                                                                                                                                                                                                                                                | PREGNANCY HISTORY NUMBER ... <input type="text"/> <input type="text"/>                                                                                                                                                                                                                 |      |
| 512  | <p>In addition to what is recorded on (this document/these documents), did (NAME IN 503) receive any other vaccinations, including vaccinations received in campaigns or immunization days?</p> <p>RECORD 'YES' ONLY IF THE RESPONDENT MENTIONS AT LEAST ONE OF THE VACCINATIONS IN 509 THAT ARE NOT RECORDED AS HAVING BEEN GIVEN.</p> | <p>YES ..... 1</p> <p>(USE THE LIST SHOWN IN CAPI TO SELECT THE OTHER VACCINATIONS GIVEN. NOTE THAT CAPI WILL CHANGE THE ANSWER IN 509 IN THE 'DAY' COLUMN FROM '00' TO '66' FOR THE SELECTED VACCINATIONS.)</p> <p>(THEN SKIP TO 529)</p> <p>NO ..... 2</p> <p>DON'T KNOW ..... 8</p> |      |
| 512A | <p>CHECK 509: ANY VACCINATIONS RECORDED ON THE VACCINATION PASSPORT?</p> <p>YES <input type="checkbox"/></p> <p>NO <input type="checkbox"/></p> <p>SKIP TO 529</p>                                                                                                                                                                      |                                                                                                                                                                                                                                                                                        | FA01 |
| 513  | Did (NAME IN 503) ever receive any vaccinations to prevent (NAME IN 503) from getting diseases, including vaccinations received in campaigns or immunization days?                                                                                                                                                                      | <p>YES ..... 1</p> <p>NO ..... 2</p> <p>DON'T KNOW ..... 8</p>                                                                                                                                                                                                                         | FA01 |
| 514  | Has (NAME IN 503) ever received a BCG vaccination against tuberculosis, that is, an injection in the arm or shoulder that usually causes a scar?                                                                                                                                                                                        | <p>YES ..... 1</p> <p>NO ..... 2</p> <p>DON'T KNOW ..... 8</p>                                                                                                                                                                                                                         |      |
| 515  | At or soon after birth, did (NAME IN 503) receive a Hepatitis B vaccination, that is, an injection in the thigh to prevent Hepatitis B?                                                                                                                                                                                                 | <p>YES ..... 1</p> <p>NO ..... 2</p> <p>DON'T KNOW ..... 8</p>                                                                                                                                                                                                                         | 517  |
| 516  | Did (NAME IN 503) receive it within 24 hours of birth?                                                                                                                                                                                                                                                                                  | <p>YES ..... 1</p> <p>NO ..... 2</p> <p>DON'T KNOW ..... 8</p>                                                                                                                                                                                                                         |      |
| 517  | Has (NAME IN 503) ever received oral polio vaccine, that is, about two drops in the mouth to prevent polio?                                                                                                                                                                                                                             | <p>YES ..... 1</p> <p>NO ..... 2</p> <p>DON'T KNOW ..... 8</p>                                                                                                                                                                                                                         | 520  |
| 518  | Did (NAME IN 503) receive the first oral polio vaccine in the first 2 weeks after birth or later?                                                                                                                                                                                                                                       | <p>FIRST TWO WEEKS ..... 1</p> <p>LATER ..... 2</p>                                                                                                                                                                                                                                    |      |
| 519  | How many times did (NAME IN 503) receive the oral polio vaccine?                                                                                                                                                                                                                                                                        | NUMBER OF TIMES ..... <input type="text"/>                                                                                                                                                                                                                                             |      |
| 520  | Did (NAME IN 503) get an IPV injection in the thigh to protect against polio?                                                                                                                                                                                                                                                           | <p>YES ..... 1</p> <p>NO ..... 2</p> <p>DON'T KNOW ..... 8</p>                                                                                                                                                                                                                         | 521  |
| 520A | How many times did (NAME IN 503) receive an injection of the IPV polio vaccine?                                                                                                                                                                                                                                                         | NUMBER OF TIMES ..... <input type="text"/>                                                                                                                                                                                                                                             |      |
| 521  | Has (NAME IN 503) ever received a pentavalent vaccination, that is, an injection given in the thigh sometimes at the same time as polio drops?                                                                                                                                                                                          | <p>YES ..... 1</p> <p>NO ..... 2</p> <p>DON'T KNOW ..... 8</p>                                                                                                                                                                                                                         | 522A |
| 522  | How many times did (NAME IN 503) receive the pentavalent vaccine?                                                                                                                                                                                                                                                                       | NUMBER OF TIMES ..... <input type="text"/>                                                                                                                                                                                                                                             |      |
| 522A | Has (NAME IN 503) ever received the DPT-4 vaccination dose, that is, an injection given in the thigh at the age of 16 months or older to prevent diphtheria, tetanus, and pertussis?                                                                                                                                                    | <p>YES ..... 1</p> <p>NO ..... 2</p> <p>DON'T KNOW ..... 8</p>                                                                                                                                                                                                                         |      |
| 523  | Has (NAME IN 503) ever received a pneumococcal vaccination, that is, an injection in the thigh to prevent pneumonia?                                                                                                                                                                                                                    | <p>YES ..... 1</p> <p>NO ..... 2</p> <p>DON'T KNOW ..... 8</p>                                                                                                                                                                                                                         | 525  |

SECTION 5. CHILD IMMUNIZATION

| NO. | QUESTIONS AND FILTERS                                                                                                                                                                                                      | CODING CATEGORIES                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | SKIP  |
|-----|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|
|     | NAME OF LIVE BIRTH _____                                                                                                                                                                                                   | PREGNANCY HISTORY NUMBER .. <input type="text"/> <input type="text"/>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |       |
| 524 | How many times did (NAME IN 503) receive the pneumococcal vaccine?                                                                                                                                                         | NUMBER OF TIMES ..... <input type="text"/>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |       |
| 525 | Has (NAME IN 503) ever received a rotavirus vaccination or ROTA, that is, a sweet liquid in the mouth to prevent diarrhea?                                                                                                 | YES ..... 1<br>NO ..... 2<br>DON'T KNOW ..... 8                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | → 527 |
| 526 | How many times did (NAME IN 503) receive the rotavirus vaccine?                                                                                                                                                            | NUMBER OF TIMES ..... <input type="text"/>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |       |
| 527 | Has (NAME IN 503) ever received a MR or MMR vaccination, that is, an injection in the arm to prevent measles and rubella or measles, mumps and rubella?                                                                    | YES ..... 1<br>NO ..... 2<br>DON'T KNOW ..... 8                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |       |
| 529 | Where did (NAME IN 503) receive most of his/her vaccinations?<br><br>PROBE TO IDENTIFY THE TYPE OF SOURCE.<br>IF UNABLE TO DETERMINE IF PUBLIC, PRIVATE,<br>OR NGO SECTOR, RECORD '96' AND WRITE THE<br>NAME OF THE PLACE. | <b>PUBLIC SECTOR</b><br>GOVERNMENT HOSPITAL ..... 11<br>MATERNITY HOME ..... 12<br>URBAN/RAYON/RURAL HEALTH CENTER ..... 13<br>REPRODUCTIVE HEALTH CENTER ..... 14<br>HEALTH HOUSE ..... 15<br>INTEGRATED MANAGEMENT OF CHILDHOOD<br>ILLNESS CENTER ..... 16<br>IMMUNOPROPHYLAXIS CENTER ..... 17<br>AIDS CENTER ..... 18<br>MOBILE CLINIC OF AIDS CENTER ..... 19<br>HEALTHY LIFESTYLE CENTER ..... 20<br>FAMILY MEDICINE CENTER ..... 21<br>PATRONAGE MEDICAL WORKER ..... 22<br><br>OTHER PUBLIC SECTOR ..... 26<br>(SPECIFY) _____<br><br><b>PRIVATE MEDICAL SECTOR</b><br>PRIVATE HOSPITAL ..... 31<br>PRIVATE CLINIC ..... 32<br>PRIVATE DOCTOR ..... 33<br>PRIVATE LABORATORY ..... 34<br>PHARMACY ..... 35<br>PATRONAGE MEDICAL WORKER ..... 36<br><br>OTHER PRIVATE MEDICAL<br>SECTOR ..... 37<br>(SPECIFY) _____<br><br><b>OTHER SOURCE</b><br>VACCINATION CAMPAIGN<br>2023 PNEUMOCOCCAL /<br>2022 MEASLES-MUMPS/ 2021 POLIO IPV/<br>2021 POLIO OPV 3 TIMES ..... 41<br>OTHER ..... 96<br>(SPECIFY) _____ |       |

SECTION 5. CHILD IMMUNIZATION

| NO.  | QUESTIONS AND FILTERS                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | CODING CATEGORIES                                                                                                                                              | SKIP         |
|------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------|
|      | NAME OF LIVE BIRTH _____                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | PREGNANCY HISTORY NUMBER ... <span style="border: 1px solid black; padding: 0 5px;">  </span> <span style="border: 1px solid black; padding: 0 5px;">  </span> |              |
| FA01 | <p>As part of this survey, we would like to visit the health facility in which (NAME IN 503) got vaccinated. We would like to have your permission to copy the vaccination dates from (NAME IN 503) child 's development card, the child's vaccination card, or immunization register kept in a health facility. With your permission, our team supervisor will visit the health facility and copy the vaccination dates of (NAME IN 503) from these cards directly to the same questionnaire I am using right now for our interview. The information will be kept confidential and will not be shared with anyone other than members of our survey team. We hope you will allow access to the child's development card, vaccination card, and immunization register because information about (NAME IN 503) vaccinations is very important. The information will complement the information that we obtained from you in this interview. Many dangerous childhood illnesses such as measles or tetanus can be prevented through timely and effective vaccination. The information from the child development card, vaccination card and immunization register will assist the government to develop programs to protect children from vaccine preventable diseases and reduce childhood mortality and morbidity in Tajikistan.</p> <p>Do you have any questions?</p> <p>Will you allow us to copy vaccination records from (NAME IN 503) child development card, vaccination card and immunization register kept at the health facility?</p> <p>CIRCLE THE CODE AND SIGN YOUR NAME.</p> | <p>GRANTED ..... 1</p> <p>_____ INTERVIEWER'S SIGNATURE ←</p> <p>REFUSED ..... 2</p> <p>NOT PRESENT/ OTHER ..... 3</p>                                         | <p>→ 530</p> |
| FA02 | <p>Would you give us your permission to take a photo of the vaccination records (NAME IN 503) for further verification in case of inaccuracies?</p> <p>CIRCLE THE CODE AND SIGN YOUR NAME.</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | <p>GRANTED ..... 1</p> <p>_____ INTERVIEWER'S SIGNATURE ←</p> <p>REFUSE ..... 2</p>                                                                            |              |
| FA03 | Please tell me the exact name and surname (NAME IN 503).                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | <p>CHILD'S FIRST NAME _____</p> <p>CHILD'S LAST NAME _____</p>                                                                                                 |              |
| FA04 | Please tell me the exact name and surname of the mother (NAME IN 503), to clarify the records (NAME IN 503) in case of coincidence with the names of other children.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | <p>MOTHER'S FIRST NAME _____</p> <p>MOTHER'S LAST NAME _____</p>                                                                                               |              |
| FA05 | Please provide the home address of (NAME IN 503) that is on the records of the health facility where (NAME IN 503) receives vaccinations.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | <p>_____<br/>(STREET NAME, HOUSE NUMBER AND FLAT NUMBER)</p> <p>_____<br/>(CITY, TOWN, VILLAGE, ZIP CODE)</p>                                                  |              |



SECTION 5. CHILD IMMUNIZATION

| NO.  | QUESTIONS AND FILTERS                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | CODING CATEGORIES                                                                                                                                                                      | SKIP |
|------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|
|      | NAME OF LIVE BIRTH _____                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | PREGNANCY HISTORY NUMBER .. <input type="text"/> <input type="text"/>                                                                                                                  |      |
| FA06 | Please provide the name, address, and telephone number of the health facility where records of vaccinations (NAME IN 503) are kept.                                                                                                                                                                                                                                                                                                                                                                                     | _____<br>(NAME OF THE MEDICAL FACILITY)<br>_____<br>(STREET NAME, HOUSE NUMBER OF MEDICAL FACILITY)<br>_____<br>TELEPHONE NUMBER                                                       |      |
| FA07 | Please provide the first and last name of the doctor in this health facility assigned to provide health care and vaccinations for (NAME IN 503).                                                                                                                                                                                                                                                                                                                                                                        | DOCTOR'S FIRST NAME _____<br>DOCTOR'S LAST NAME _____                                                                                                                                  |      |
| FA08 | Please provide the health facility uchastok number to which (NAME IN 503) is assigned for vaccinations and health care.                                                                                                                                                                                                                                                                                                                                                                                                 | UCHASTOK NUMBER <input type="text"/> <input type="text"/>                                                                                                                              |      |
| 530  | CHECK 220 AND 224 IN PREGNANCY HISTORY: ANY MORE SURVIVING CHILDREN BORN 0-35 MONTHS BEFORE THE SURVEY?<br><br><div style="display: flex; justify-content: space-between;"> <div style="width: 45%;"> <p>MORE SURVIVING CHILDREN<br/>BORN 0-35 MONTHS<br/>BEFORE THE SURVEY <input type="checkbox"/></p> <p>(GO TO 503 FOR THE NEXT<br/>SURVIVING CHILD) ←</p> </div> <div style="width: 45%;"> <p>NO MORE SURVIVING<br/>CHILDREN BORN 0-35<br/>MONTHS BEFORE THE<br/>SURVEY <input type="checkbox"/></p> </div> </div> | <div style="display: flex; align-items: center;"> <div style="flex-grow: 1; border-bottom: 1px solid black; margin: 0 10px;"></div> <div style="margin-left: 10px;">→ 601</div> </div> |      |

SECTION 6. CHILD HEALTH AND NUTRITION

| NO. | QUESTIONS AND FILTERS                                                                                                                                                                                                                                                                                          | CODING CATEGORIES                                                                                                               | SKIP         |
|-----|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------|--------------|
| 601 | <p>CHECK 220, 224, AND 225 IN THE PREGNANCY HISTORY: ANY SURVIVING CHILDREN BORN 0-59 MONTHS BEFORE THE SURVEY?</p> <p>ONE OR MORE SURVIVING CHILDREN BORN 0-59 MONTHS BEFORE THE SURVEY <input type="checkbox"/></p> <p>NO SURVIVING CHILDREN BORN 0-59 MONTHS BEFORE THE SURVEY <input type="checkbox"/></p> | <p>→ 643</p>                                                                                                                    |              |
| 602 | Now I would like to ask some questions about the health of your children born in the last 5 years. We will talk about each separately, starting with the youngest.                                                                                                                                             |                                                                                                                                 |              |
| 603 | <p>RECORD THE NAME FROM 218 AND PREGNANCY HISTORY NUMBER FROM 215 OF THE SURVIVING CHILDREN BORN 0-59 MONTHS BEFORE THE SURVEY, STARTING WITH THE LAST ONE.</p> <p>NAME OF CHILD _____ PREGNANCY HISTORY NUMBER .. <input type="text"/> <input type="text"/></p>                                               |                                                                                                                                 |              |
| 604 | <p>In the last 12 months, was (NAME IN 603) given any of the following:</p> <p>a) Iron tablets or syrup?</p> <p>SHOW COMMON TYPES OF TABLETS/SYRUPS.</p>                                                                                                                                                       | <p align="right">YES NO DK</p> <p>a) TABLETS/SYRUP ..... 1 2 8</p>                                                              |              |
| 605 | <p>In the last 6 months, was (NAME IN 603) given a vitamin A dose like [this/any of these]?</p> <p>SHOW COMMON TYPES OF AMPULES/CAPSULES/SYRUPS.</p>                                                                                                                                                           | <p>YES ..... 1</p> <p>NO ..... 2</p> <p>DON'T KNOW ..... 8</p>                                                                  |              |
| 607 | <p>In the last 3 months, has any healthcare provider or community health worker measured:</p> <p>a) (NAME IN 603)'s weight?</p> <p>b) (NAME IN 603)'s length or height?</p> <p>c) Around (NAME IN 603)'s upper arm?</p> <p>SHOW IMAGE OF MUAC TAPE.</p>                                                        | <p align="right">YES NO DK</p> <p>a) WEIGHT ..... 1 2 8</p> <p>b) LENGTH/HEIGHT ..... 1 2 8</p> <p>c) UPPER ARM ..... 1 2 8</p> |              |
| 608 | Has (NAME IN 603) had diarrhea in the last 2 weeks?                                                                                                                                                                                                                                                            | <p>YES ..... 1</p> <p>NO ..... 2</p> <p>DON'T KNOW ..... 8</p>                                                                  | <p>→ 618</p> |

SECTION 6. CHILD HEALTH AND NUTRITION

| NO. | QUESTIONS AND FILTERS                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | CODING CATEGORIES                                                                                                                                                                                                                                     | SKIP  |
|-----|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|
| NO. | NAME OF LIVE BIRTH _____                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | PREGNANCY HISTORY NUMBER .. <table border="1" style="display: inline-table; width: 40px; height: 20px; vertical-align: middle;"></table> <table border="1" style="display: inline-table; width: 40px; height: 20px; vertical-align: middle;"></table> |       |
| 609 | <p>CHECK 485: CURRENTLY BREASTFEEDING?</p> <p align="center"> YES <input type="checkbox"/>      NO/ NOT <input type="checkbox"/><br/> ↓                      ASKED ↓ </p> <div style="display: flex; justify-content: space-between;"> <div style="width: 45%;"> <p>a) Now I would like to know how much (NAME IN 603) was given to drink during the diarrhea, including breast milk. Was (NAME IN 603) given less than usual to drink, about the same amount, or more than usual to drink?</p> <p>IF LESS, PROBE: Was (NAME IN 603) given much less than usual to drink or somewhat</p> </div> <div style="width: 45%;"> <p>b) Now I would like to know how much (NAME IN 603) was given to drink during the diarrhea. Was (NAME IN 603) given less than usual to drink, about the same amount, or more than usual to drink?</p> <p>IF LESS, PROBE: Was (NAME IN 603) given much less than usual to drink or somewhat less?</p> </div> </div> | <p>MUCH LESS ..... 1</p> <p>SOMEWHAT LESS ..... 2</p> <p>ABOUT THE SAME ..... 3</p> <p>MORE ..... 4</p> <p>NOTHING TO DRINK ..... 5</p> <p>DON'T KNOW ..... 8</p>                                                                                     |       |
| 610 | <p>When (NAME IN 603) had diarrhea, was (NAME IN 603) given less than usual to eat, about the same amount, more than usual, or nothing to eat?</p> <p>IF LESS, PROBE: Was (NAME IN 603) given much less than usual to eat or somewhat less?</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | <p>MUCH LESS ..... 1</p> <p>SOMEWHAT LESS ..... 2</p> <p>ABOUT THE SAME ..... 3</p> <p>MORE ..... 4</p> <p>STOPPED FOOD ..... 5</p> <p>NEVER GAVE FOOD ..... 6</p> <p>DON'T KNOW ..... 8</p>                                                          |       |
| 611 | <p>Did you seek advice or treatment for the diarrhea from any source?</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | <p>YES ..... 1</p> <p>NO ..... 2</p>                                                                                                                                                                                                                  | → 615 |

SECTION 6. CHILD HEALTH AND NUTRITION

| NO.                     | QUESTIONS AND FILTERS                                                                                                                                                                                                                                        | CODING CATEGORIES                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | SKIP  |     |    |    |                |   |   |   |               |   |   |   |                         |   |   |   |  |
|-------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|-----|----|----|----------------|---|---|---|---------------|---|---|---|-------------------------|---|---|---|--|
| NO.                     | NAME OF LIVE BIRTH _____                                                                                                                                                                                                                                     | PREGNANCY HISTORY NUMBER .. <input type="text"/> <input type="text"/>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |       |     |    |    |                |   |   |   |               |   |   |   |                         |   |   |   |  |
| 612                     | <p>Where did you seek advice or treatment?</p> <p>Anywhere else?</p> <p>PROBE TO IDENTIFY EACH TYPE OF SOURCE. IF UNABLE TO DETERMINE IF PUBLIC, PRIVATE, OR NGO SECTOR, RECORD 'X' AND WRITE THE NAME OF THE PLACE(S).</p>                                  | <p><b>PUBLIC SECTOR</b></p> <p>GOVERNMENT HOSPITAL ..... A</p> <p>MATERNITY HOME ..... B</p> <p>URBAN/RAYON/RURAL HEALTH CENTER ..... C</p> <p>REPRODUCTIVE HEALTH CENTER ..... D</p> <p>HEALTH HOUSE ..... E</p> <p>INTEGRATED MANAGEMENT OF CHILDHOOD ILLNESS CENTER ..... F</p> <p>IMMUNOPROPHYLAXIS CENTER ..... G</p> <p>AIDS CENTER ..... H</p> <p>MOBILE CLINIC OF AIDS CENTER ..... I</p> <p>HEALTHY LIFESTYLE CENTER ..... J</p> <p>FAMILY MEDICINE CENTER ..... K</p> <p>PATRONAGE MEDICAL WORKER ..... L</p> <p>OTHER PUBLIC SECTOR SECTOR _____ M</p> <p align="center">(SPECIFY)</p> <p><b>PRIVATE MEDICAL SECTOR</b></p> <p>PRIVATE HOSPITAL ..... N</p> <p>PRIVATE CLINIC ..... O</p> <p>PRIVATE DOCTOR ..... P</p> <p>PRIVATE LABORATORY ..... Q</p> <p>PHARMACY ..... R</p> <p>PATRONAGE MEDICAL WORKER ..... S</p> <p>OTHER PRIVATE MEDICAL SECTOR _____ T</p> <p align="center">(SPECIFY)</p> <p><b>OTHER SOURCE</b></p> <p>SHOP ..... U</p> <p>TRADITIONAL PRACTITIONER ..... V</p> <p>MARKET ..... W</p> <p>OTHER _____ X</p> <p align="center">(SPECIFY)</p> |       |     |    |    |                |   |   |   |               |   |   |   |                         |   |   |   |  |
| 613                     | <p>CHECK 612:</p> <p>TWO OR MORE CODES CIRCLED <input type="checkbox"/></p>                                                                                                                                                                                  | <p>ONLY ONE CODE CIRCLED <input type="checkbox"/></p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | → 615 |     |    |    |                |   |   |   |               |   |   |   |                         |   |   |   |  |
| 614                     | <p>Where did you first seek advice or treatment?</p> <p>USE LETTER CODE FROM 612.</p>                                                                                                                                                                        | <p>FIRST PLACE ..... <input type="text"/></p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |       |     |    |    |                |   |   |   |               |   |   |   |                         |   |   |   |  |
| 615                     | <p>Was (NAME IN 603) given any of the following at any time since (NAME IN 603) started having the diarrhea:</p> <p>a) A fluid made from a special packet called [LOCAL NAME FOR ORS PACKET]?</p> <p>c) Zinc tablets or syrup?</p> <p>d) Homemade fluid?</p> | <table border="0"> <thead> <tr> <th></th><th>YES</th><th>NO</th><th>DK</th></tr> </thead> <tbody> <tr> <td>a) REHYDRON ..</td><td>1</td><td>2</td><td>8</td></tr> <tr> <td>c) ZINC .....</td><td>1</td><td>2</td><td>8</td></tr> <tr> <td>d) HOMEMADE FLUID .....</td><td>1</td><td>2</td><td>8</td></tr> </tbody> </table>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |       | YES | NO | DK | a) REHYDRON .. | 1 | 2 | 8 | c) ZINC ..... | 1 | 2 | 8 | d) HOMEMADE FLUID ..... | 1 | 2 | 8 |  |
|                         | YES                                                                                                                                                                                                                                                          | NO                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | DK    |     |    |    |                |   |   |   |               |   |   |   |                         |   |   |   |  |
| a) REHYDRON ..          | 1                                                                                                                                                                                                                                                            | 2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 8     |     |    |    |                |   |   |   |               |   |   |   |                         |   |   |   |  |
| c) ZINC .....           | 1                                                                                                                                                                                                                                                            | 2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 8     |     |    |    |                |   |   |   |               |   |   |   |                         |   |   |   |  |
| d) HOMEMADE FLUID ..... | 1                                                                                                                                                                                                                                                            | 2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 8     |     |    |    |                |   |   |   |               |   |   |   |                         |   |   |   |  |
| 616                     | <p>CHECK 615:</p> <p>ANY 'YES' <input type="checkbox"/></p> <p>a) Was anything else given to treat the diarrhea?</p> <p>ALL 'NO' OR 'DK' <input type="checkbox"/></p> <p>b) Was anything given to treat the diarrhea?</p>                                    | <p>YES ..... 1</p> <p>NO ..... 2</p> <p>DON'T KNOW ..... 8</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | → 618 |     |    |    |                |   |   |   |               |   |   |   |                         |   |   |   |  |

SECTION 6. CHILD HEALTH AND NUTRITION

| NO. | QUESTIONS AND FILTERS                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | CODING CATEGORIES                                                                                                                                                                                                                                                                                                                                                                                                             | SKIP                           |
|-----|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------|
| NO. | NAME OF LIVE BIRTH _____                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | PREGNANCY HISTORY NUMBER ... <table border="1" style="display: inline-table; width: 40px; height: 20px; vertical-align: middle;"></table> <table border="1" style="display: inline-table; width: 40px; height: 20px; vertical-align: middle;"></table>                                                                                                                                                                        |                                |
| 617 | <p>CHECK 615:</p> <div style="display: flex; justify-content: space-between;"> <div style="width: 45%;"> <p>ANY 'YES' <input type="checkbox"/></p> <p>↓</p> <p>a) What else was given to treat the diarrhea?</p> <p>Anything else?</p> <p>RECORD ALL TREATMENTS GIVEN.</p> </div> <div style="width: 45%; border-left: 1px dashed black; padding-left: 10px;"> <p>ALL 'NO' OR 'DK' <input type="checkbox"/></p> <p>↓</p> <p>b) What was given to treat the diarrhea?</p> <p>Anything else?</p> <p>RECORD ALL TREATMENTS GIVEN.</p> </div> </div> | <p><b>PILL OR SYRUP</b></p> <p>ANTIBIOTIC ..... A</p> <p>ANTIMOTILITY ..... B</p> <p>OTHER (NOT ANTIBIOTIC OR ANTIMOTILITY) ..... C</p> <p>UNKNOWN PILL OR SYRUP ..... D</p> <p><b>INJECTION</b></p> <p>ANTIBIOTIC ..... E</p> <p>NON-ANTIBIOTIC ..... F</p> <p>UNKNOWN INJECTION ..... G</p> <p>(IV) INTRAVENOUS ..... H</p> <p>HOME REMEDY/HERBAL MEDICINE ..... I</p> <p>OTHER _____ X</p> <p align="center">(SPECIFY)</p> |                                |
| 618 | Has (NAME IN 603) been ill with a fever at any time in the last 2 weeks?                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | <p>YES ..... 1</p> <p>NO ..... 2</p> <p>DON'T KNOW ..... 8</p>                                                                                                                                                                                                                                                                                                                                                                | <input type="checkbox"/> → 621 |
| 619 | At any time during the illness, did (NAME IN 603) have blood taken from (NAME IN 603)'s finger or heel for testing?                                                                                                                                                                                                                                                                                                                                                                                                                              | <p>YES ..... 1</p> <p>NO ..... 2</p> <p>DON'T KNOW ..... 8</p>                                                                                                                                                                                                                                                                                                                                                                |                                |
| 620 | Were you told by a healthcare provider that (NAME IN 603) had malaria?                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | <p>YES ..... 1</p> <p>NO ..... 2</p> <p>DON'T KNOW ..... 8</p>                                                                                                                                                                                                                                                                                                                                                                |                                |
| 621 | Has (NAME IN 603) had an illness with a cough at any time in the last 2 weeks?                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | <p>YES ..... 1</p> <p>NO ..... 2</p> <p>DON'T KNOW ..... 8</p>                                                                                                                                                                                                                                                                                                                                                                |                                |
| 622 | Has (NAME IN 603) had fast, short, rapid breaths or difficulty breathing at any time in the last 2 weeks?                                                                                                                                                                                                                                                                                                                                                                                                                                        | <p>YES ..... 1</p> <p>NO ..... 2</p> <p>DON'T KNOW ..... 8</p>                                                                                                                                                                                                                                                                                                                                                                | <input type="checkbox"/> → 624 |
| 623 | Was the fast or difficult breathing due to a problem in the chest or to a blocked or runny nose?                                                                                                                                                                                                                                                                                                                                                                                                                                                 | <p>CHEST ONLY ..... 1</p> <p>NOSE ONLY ..... 2</p> <p>BOTH ..... 3</p> <p>OTHER _____ 6</p> <p align="center">(SPECIFY)</p> <p>DON'T KNOW ..... 8</p>                                                                                                                                                                                                                                                                         | <input type="checkbox"/> → 625 |
| 624 | <p>CHECK 618: HAD FEVER?</p> <p align="center">YES <input type="checkbox"/>                      NO OR DON'T KNOW <input type="checkbox"/></p> <p align="center">↓</p>                                                                                                                                                                                                                                                                                                                                                                           |                                                                                                                                                                                                                                                                                                                                                                                                                               | → 634                          |
| 625 | Did you seek advice or treatment for the illness from any source?                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | <p>YES ..... 1</p> <p>NO ..... 2</p>                                                                                                                                                                                                                                                                                                                                                                                          | → 630                          |

SECTION 6. CHILD HEALTH AND NUTRITION

| NO. | QUESTIONS AND FILTERS                                                                                                                                                                                                       | CODING CATEGORIES                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | SKIP         |
|-----|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------|
| NO. | NAME OF LIVE BIRTH _____                                                                                                                                                                                                    | PREGNANCY HISTORY NUMBER ... <input type="text"/> <input type="text"/>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |              |
| 626 | <p>Where did you seek advice or treatment?</p> <p>Anywhere else?</p> <p>PROBE TO IDENTIFY EACH TYPE OF SOURCE. IF UNABLE TO DETERMINE IF PUBLIC, PRIVATE, OR NGO SECTOR, RECORD 'X' AND WRITE THE NAME OF THE PLACE(S).</p> | <p><b>PUBLIC SECTOR</b></p> <p>GOVERNMENT HOSPITAL ..... A</p> <p>MATERNITY HOME ..... B</p> <p>URBAN/RAYON/RURAL HEALTH CENTER ..... C</p> <p>REPRODUCTIVE HEALTH CENTER ..... D</p> <p>HEALTH HOUSE ..... E</p> <p>INTEGRATED MANAGEMENT OF CHILDHOOD ILLNESS CENTER ..... F</p> <p>IMMUNOPROPHYLAXIS CENTER ..... G</p> <p>AIDS CENTER ..... H</p> <p>MOBILE CLINIC OF AIDS CENTER ..... I</p> <p>HEALTHY LIFESTYLE CENTER ..... J</p> <p>FAMILY MEDICINE CENTER ..... K</p> <p>PATRONAGE MEDICAL WORKER ..... L</p> <p>OTHER PUBLIC SECTOR SECTOR _____ M<br/>(SPECIFY)</p> <p><b>PRIVATE MEDICAL SECTOR</b></p> <p>PRIVATE HOSPITAL ..... N</p> <p>PRIVATE CLINIC ..... O</p> <p>PRIVATE DOCTOR ..... P</p> <p>PRIVATE LABORATORY ..... Q</p> <p>PHARMACY ..... R</p> <p>PATRONAGE MEDICAL WORKER ..... S</p> <p>OTHER PRIVATE MEDICAL SECTOR _____ T<br/>(SPECIFY)</p> <p><b>OTHER SOURCE</b></p> <p>SHOP ..... U</p> <p>TRADITIONAL PRACTITIONER ..... V</p> <p>MARKET ..... W</p> <p>OTHER _____ X<br/>(SPECIFY)</p> |              |
| 627 | <p>CHECK 626: TWO OR MORE CODES CIRCLED <input type="checkbox"/></p> <p>ONLY ONE CODE CIRCLED <input type="checkbox"/> → 629</p>                                                                                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |              |
| 628 | <p>Where did you first seek advice or treatment?</p> <p>USE LETTER CODE FROM 626.</p>                                                                                                                                       | FIRST PLACE ..... <input type="text"/>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |              |
| 629 | <p>How many days after the illness began did you first seek advice or treatment for (NAME IN 603)?</p> <p>IF SAME DAY, RECORD '00'.</p>                                                                                     | DAYS ..... <input type="text"/> <input type="text"/>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |              |
| 630 | <p>At any time during the illness, did (NAME IN 603) take any medicine for the illness?</p>                                                                                                                                 | <p>YES ..... 1</p> <p>NO ..... 2</p> <p>DON'T KNOW ..... 8</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | <p>→ 634</p> |

SECTION 6. CHILD HEALTH AND NUTRITION

| NO. | QUESTIONS AND FILTERS                                                                                                                                                                                                                                                         | CODING CATEGORIES                                                                                                                                                                                                                                                                                                                                           | SKIP |
|-----|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|
| NO. | NAME OF LIVE BIRTH _____                                                                                                                                                                                                                                                      | PREGNANCY HISTORY NUMBER .. <input type="text"/> <input type="text"/>                                                                                                                                                                                                                                                                                       |      |
| 631 | <p>What medicine did (NAME IN 603) take?</p> <p>Any other medicine?</p> <p>RECORD ALL MENTIONED.<br/>IF MEDICINE NOT KNOWN, ASK TO SEE THE<br/>PACKAGE OR PRESCRIPTION</p>                                                                                                    | <p><b>ANTIBIOTIC MEDICINE</b></p> <p>AMOXICILLIN ..... J</p> <p>COTRIMOXAZOLE ..... K</p> <p>OTHER PILL/SYRUP ..... L</p> <p>OTHER INJECTION/IV ..... M</p> <p><b>OTHER MEDICINE</b></p> <p>ASPIRIN ..... N</p> <p>PARACETAMOL/PANADOL/<br/>ACETAMINOPHEN ..... O</p> <p>IBUPROFEN ..... P</p> <p>OTHER _____ X<br/>(SPECIFY)</p> <p>DON'T KNOW ..... Z</p> |      |
| 634 | <p>CHECK 220, 224, AND 225 IN PREGNANCY HISTORY: ANY MORE SURVIVING CHILDREN BORN 0-59 MONTHS BEFORE THE SURVEY?</p> <p>MORE SURVIVING CHILDREN<br/>BORN 0-59 MONTHS BEFORE<br/>THE SURVEY <input type="checkbox"/></p> <p>(GO TO 603 FOR THE NEXT<br/>SURVIVING CHILD) ←</p> | <p>NO MORE SURVIVING<br/>CHILDREN BORN <input type="checkbox"/><br/>0-59 MONTHS BEFORE<br/>THE SURVEY → 635</p>                                                                                                                                                                                                                                             |      |

SECTION 6. CHILD HEALTH AND NUTRITION

| NO.                                                                                                                                                                                                                      | QUESTIONS AND FILTERS                                                                                                                                                                                                                                                                                                                                            | CODING CATEGORIES                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | SKIP     |     |    |    |                 |   |   |   |                                                                                                                                                                           |   |   |   |  |                                               |  |   |                                                                                                                                                                                                                          |   |   |   |  |                                               |  |   |  |                          |  |          |           |   |   |   |                                                |   |   |   |                                                                                           |   |   |   |                                                                                  |   |   |   |  |                 |  |          |                               |   |   |   |  |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------|-----|----|----|-----------------|---|---|---|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---|---|---|--|-----------------------------------------------|--|---|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---|---|---|--|-----------------------------------------------|--|---|--|--------------------------|--|----------|-----------|---|---|---|------------------------------------------------|---|---|---|-------------------------------------------------------------------------------------------|---|---|---|----------------------------------------------------------------------------------|---|---|---|--|-----------------|--|----------|-------------------------------|---|---|---|--|
| 635                                                                                                                                                                                                                      | <p>CHECK 220, 225 AND 226, ALL ROWS: NUMBER OF CHILDREN BORN 0-23 MONTHS BEFORE THE SURVEY LIVING WITH THE RESPONDENT</p> <p align="center">ONE OR MORE <input type="checkbox"/>                      NONE <input type="checkbox"/></p> <p align="center">↓</p> <p align="center">_____<br/>(NAME OF YOUNGEST CHILD LIVING WITH HER)</p> <p align="center">↓</p> |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | → 643    |     |    |    |                 |   |   |   |                                                                                                                                                                           |   |   |   |  |                                               |  |   |                                                                                                                                                                                                                          |   |   |   |  |                                               |  |   |  |                          |  |          |           |   |   |   |                                                |   |   |   |                                                                                           |   |   |   |                                                                                  |   |   |   |  |                 |  |          |                               |   |   |   |  |
| 636                                                                                                                                                                                                                      | <p>Now I would like to ask you about liquids that (NAME IN 635) had yesterday during the day or at night. Please tell me about all drinks, whether (NAME IN 635) had them at home, or somewhere else.<br/>Yesterday during the day or at night, did (NAME IN 635) drink:</p>                                                                                     | <table border="0"> <thead> <tr> <th></th> <th>YES</th> <th>NO</th> <th>DK</th> </tr> </thead> <tbody> <tr> <td>a) Plain water?</td> <td align="center">1</td> <td align="center">2</td> <td align="center">8</td> </tr> <tr> <td>b) Infant formula such as NAN, Nutrilac, Malysh, Malutka?<br/>IF YES:<br/>b1) How many times did (NAME IN 635) drink infant formula?<br/><br/>IF 7 OR MORE TIMES, RECORD '7'.</td> <td align="center">1</td> <td align="center">2</td> <td align="center">8</td> </tr> <tr> <td></td> <td align="center" colspan="2">NUMBER OF<br/>TIMES DRANK <input type="text"/></td> <td align="center">8</td> </tr> <tr> <td>c) Milk of animal origin, including, fresh, or powdered?<br/><br/>IF YES:<br/>c1) How many times did (NAME IN 635) drink milk?<br/><br/>IF 7 OR MORE TIMES, RECORD '7'.<br/>c2) Was the milk a sweet or flavored type of milk?</td> <td align="center">1</td> <td align="center">2</td> <td align="center">8</td> </tr> <tr> <td></td> <td align="center" colspan="2">NUMBER OF<br/>TIMES DRANK <input type="text"/></td> <td align="center">8</td> </tr> <tr> <td></td> <td align="center" colspan="2">SWEET/<br/>FLAVORED ... 1</td> <td align="center">2      8</td> </tr> <tr> <td>f) Cocoa?</td> <td align="center">1</td> <td align="center">2</td> <td align="center">8</td> </tr> <tr> <td>g) Fruit juice, fruit drinks, kompot, or mors?</td> <td align="center">1</td> <td align="center">2</td> <td align="center">8</td> </tr> <tr> <td>h) Sweet carbonated drinks such as Coca-Cola, RC Cola, Fanta, lemonade, or energy drinks?</td> <td align="center">1</td> <td align="center">2</td> <td align="center">8</td> </tr> <tr> <td>i) Tea, coffee, or herbal drinks?<br/><br/>IF YES:<br/>i1) Was the drink sweetened?</td> <td align="center">1</td> <td align="center">2</td> <td align="center">8</td> </tr> <tr> <td></td> <td align="center" colspan="2">SWEETENED ... 1</td> <td align="center">2      8</td> </tr> <tr> <td>j) Clear broth or clear soup?</td> <td align="center">1</td> <td align="center">2</td> <td align="center">8</td> </tr> </tbody> </table> |          | YES | NO | DK | a) Plain water? | 1 | 2 | 8 | b) Infant formula such as NAN, Nutrilac, Malysh, Malutka?<br>IF YES:<br>b1) How many times did (NAME IN 635) drink infant formula?<br><br>IF 7 OR MORE TIMES, RECORD '7'. | 1 | 2 | 8 |  | NUMBER OF<br>TIMES DRANK <input type="text"/> |  | 8 | c) Milk of animal origin, including, fresh, or powdered?<br><br>IF YES:<br>c1) How many times did (NAME IN 635) drink milk?<br><br>IF 7 OR MORE TIMES, RECORD '7'.<br>c2) Was the milk a sweet or flavored type of milk? | 1 | 2 | 8 |  | NUMBER OF<br>TIMES DRANK <input type="text"/> |  | 8 |  | SWEET/<br>FLAVORED ... 1 |  | 2      8 | f) Cocoa? | 1 | 2 | 8 | g) Fruit juice, fruit drinks, kompot, or mors? | 1 | 2 | 8 | h) Sweet carbonated drinks such as Coca-Cola, RC Cola, Fanta, lemonade, or energy drinks? | 1 | 2 | 8 | i) Tea, coffee, or herbal drinks?<br><br>IF YES:<br>i1) Was the drink sweetened? | 1 | 2 | 8 |  | SWEETENED ... 1 |  | 2      8 | j) Clear broth or clear soup? | 1 | 2 | 8 |  |
|                                                                                                                                                                                                                          | YES                                                                                                                                                                                                                                                                                                                                                              | NO                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | DK       |     |    |    |                 |   |   |   |                                                                                                                                                                           |   |   |   |  |                                               |  |   |                                                                                                                                                                                                                          |   |   |   |  |                                               |  |   |  |                          |  |          |           |   |   |   |                                                |   |   |   |                                                                                           |   |   |   |                                                                                  |   |   |   |  |                 |  |          |                               |   |   |   |  |
| a) Plain water?                                                                                                                                                                                                          | 1                                                                                                                                                                                                                                                                                                                                                                | 2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 8        |     |    |    |                 |   |   |   |                                                                                                                                                                           |   |   |   |  |                                               |  |   |                                                                                                                                                                                                                          |   |   |   |  |                                               |  |   |  |                          |  |          |           |   |   |   |                                                |   |   |   |                                                                                           |   |   |   |                                                                                  |   |   |   |  |                 |  |          |                               |   |   |   |  |
| b) Infant formula such as NAN, Nutrilac, Malysh, Malutka?<br>IF YES:<br>b1) How many times did (NAME IN 635) drink infant formula?<br><br>IF 7 OR MORE TIMES, RECORD '7'.                                                | 1                                                                                                                                                                                                                                                                                                                                                                | 2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 8        |     |    |    |                 |   |   |   |                                                                                                                                                                           |   |   |   |  |                                               |  |   |                                                                                                                                                                                                                          |   |   |   |  |                                               |  |   |  |                          |  |          |           |   |   |   |                                                |   |   |   |                                                                                           |   |   |   |                                                                                  |   |   |   |  |                 |  |          |                               |   |   |   |  |
|                                                                                                                                                                                                                          | NUMBER OF<br>TIMES DRANK <input type="text"/>                                                                                                                                                                                                                                                                                                                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 8        |     |    |    |                 |   |   |   |                                                                                                                                                                           |   |   |   |  |                                               |  |   |                                                                                                                                                                                                                          |   |   |   |  |                                               |  |   |  |                          |  |          |           |   |   |   |                                                |   |   |   |                                                                                           |   |   |   |                                                                                  |   |   |   |  |                 |  |          |                               |   |   |   |  |
| c) Milk of animal origin, including, fresh, or powdered?<br><br>IF YES:<br>c1) How many times did (NAME IN 635) drink milk?<br><br>IF 7 OR MORE TIMES, RECORD '7'.<br>c2) Was the milk a sweet or flavored type of milk? | 1                                                                                                                                                                                                                                                                                                                                                                | 2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 8        |     |    |    |                 |   |   |   |                                                                                                                                                                           |   |   |   |  |                                               |  |   |                                                                                                                                                                                                                          |   |   |   |  |                                               |  |   |  |                          |  |          |           |   |   |   |                                                |   |   |   |                                                                                           |   |   |   |                                                                                  |   |   |   |  |                 |  |          |                               |   |   |   |  |
|                                                                                                                                                                                                                          | NUMBER OF<br>TIMES DRANK <input type="text"/>                                                                                                                                                                                                                                                                                                                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 8        |     |    |    |                 |   |   |   |                                                                                                                                                                           |   |   |   |  |                                               |  |   |                                                                                                                                                                                                                          |   |   |   |  |                                               |  |   |  |                          |  |          |           |   |   |   |                                                |   |   |   |                                                                                           |   |   |   |                                                                                  |   |   |   |  |                 |  |          |                               |   |   |   |  |
|                                                                                                                                                                                                                          | SWEET/<br>FLAVORED ... 1                                                                                                                                                                                                                                                                                                                                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 2      8 |     |    |    |                 |   |   |   |                                                                                                                                                                           |   |   |   |  |                                               |  |   |                                                                                                                                                                                                                          |   |   |   |  |                                               |  |   |  |                          |  |          |           |   |   |   |                                                |   |   |   |                                                                                           |   |   |   |                                                                                  |   |   |   |  |                 |  |          |                               |   |   |   |  |
| f) Cocoa?                                                                                                                                                                                                                | 1                                                                                                                                                                                                                                                                                                                                                                | 2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 8        |     |    |    |                 |   |   |   |                                                                                                                                                                           |   |   |   |  |                                               |  |   |                                                                                                                                                                                                                          |   |   |   |  |                                               |  |   |  |                          |  |          |           |   |   |   |                                                |   |   |   |                                                                                           |   |   |   |                                                                                  |   |   |   |  |                 |  |          |                               |   |   |   |  |
| g) Fruit juice, fruit drinks, kompot, or mors?                                                                                                                                                                           | 1                                                                                                                                                                                                                                                                                                                                                                | 2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 8        |     |    |    |                 |   |   |   |                                                                                                                                                                           |   |   |   |  |                                               |  |   |                                                                                                                                                                                                                          |   |   |   |  |                                               |  |   |  |                          |  |          |           |   |   |   |                                                |   |   |   |                                                                                           |   |   |   |                                                                                  |   |   |   |  |                 |  |          |                               |   |   |   |  |
| h) Sweet carbonated drinks such as Coca-Cola, RC Cola, Fanta, lemonade, or energy drinks?                                                                                                                                | 1                                                                                                                                                                                                                                                                                                                                                                | 2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 8        |     |    |    |                 |   |   |   |                                                                                                                                                                           |   |   |   |  |                                               |  |   |                                                                                                                                                                                                                          |   |   |   |  |                                               |  |   |  |                          |  |          |           |   |   |   |                                                |   |   |   |                                                                                           |   |   |   |                                                                                  |   |   |   |  |                 |  |          |                               |   |   |   |  |
| i) Tea, coffee, or herbal drinks?<br><br>IF YES:<br>i1) Was the drink sweetened?                                                                                                                                         | 1                                                                                                                                                                                                                                                                                                                                                                | 2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 8        |     |    |    |                 |   |   |   |                                                                                                                                                                           |   |   |   |  |                                               |  |   |                                                                                                                                                                                                                          |   |   |   |  |                                               |  |   |  |                          |  |          |           |   |   |   |                                                |   |   |   |                                                                                           |   |   |   |                                                                                  |   |   |   |  |                 |  |          |                               |   |   |   |  |
|                                                                                                                                                                                                                          | SWEETENED ... 1                                                                                                                                                                                                                                                                                                                                                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 2      8 |     |    |    |                 |   |   |   |                                                                                                                                                                           |   |   |   |  |                                               |  |   |                                                                                                                                                                                                                          |   |   |   |  |                                               |  |   |  |                          |  |          |           |   |   |   |                                                |   |   |   |                                                                                           |   |   |   |                                                                                  |   |   |   |  |                 |  |          |                               |   |   |   |  |
| j) Clear broth or clear soup?                                                                                                                                                                                            | 1                                                                                                                                                                                                                                                                                                                                                                | 2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 8        |     |    |    |                 |   |   |   |                                                                                                                                                                           |   |   |   |  |                                               |  |   |                                                                                                                                                                                                                          |   |   |   |  |                                               |  |   |  |                          |  |          |           |   |   |   |                                                |   |   |   |                                                                                           |   |   |   |                                                                                  |   |   |   |  |                 |  |          |                               |   |   |   |  |



SECTION 6. CHILD HEALTH AND NUTRITION

| NO.         | QUESTIONS AND FILTERS                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | CODING CATEGORIES                                                                                                                                                                                                                            |  |  | SKIP |
|-------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|--|------|
|             | <p>k) Any other liquids?<br/>IF YES:</p> <p>k1) What was the drink?</p> <p>MARK THE APPROPRIATE GROUP FOR EACH ADDITIONAL DRINK, IF THE GROUP IS NOT YET CODED 'YES'.</p> <p>IF UNABLE TO DETERMINE WHICH GROUP THE ADDITIONAL DRINK BELONGS TO, SELECT OPTION "Z" AND A SCREEN WILL BE DISPLAYED TO REGISTER THE NAME OF THE</p> <p>k2) Was the drink sweetened?</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | <p>YES NO DK</p> <p>k) ..... 1 2 8</p> <p>OTHER DRINK(S) _____<br/>(SPECIFY)</p> <p>SWEETENED... 1 2 8</p>                                                                                                                                   |  |  |      |
| 637<br>(10) | <p>Now I would like to ask you about foods that (NAME IN 635) had yesterday during the day or at night. I am interested in foods your child ate whether at home or somewhere else. Please think about snacks and small meals as well as main meals.</p> <p>I will ask you about different foods, and I would like to know whether your child ate the food even if it was combined with other foods. Please do not answer 'yes' for any food or ingredient only used in a small amount to add flavor to a dish.</p> <p>Yesterday during the day or at night, did (NAME IN 635) have:</p> <p>a) Yogurt, kefir, dugob, jurgot, or chaka?<br/>IF YES:</p> <p>a1) How many times did (NAME IN 635) have yogurt, kefir, dugob, jurgot, or chaka?</p> <p>IF 7 OR MORE TIMES, RECORD '7'.</p> <p>a2) Did (NAME IN 635) have any drinkable yogurt, kefir, dugob, or chaka to drink?<br/>IF YES:</p> <p>a3) Was it a sweet or flavored type of drink?</p> <hr/> <p>b) Bread, flatbread, lapsha, macaroni products, rice, buckwheat, or porridge?</p> <hr/> <p>c) Carrots, pumpkin, or red bulgarian pepper?</p> <hr/> <p>d) Potato or turnip?</p> | <p>YES NO DK</p> <p>a) ..... 1 2 8</p> <p>NUMBER OF TIMES ATE <input type="text"/> 8</p> <p>HAD YOGURT AS A DRINK... 1 2 8</p> <p>SWEETENED... 1 2 8</p> <hr/> <p>b) ..... 1 2 8</p> <hr/> <p>c) ..... 1 2 8</p> <hr/> <p>d) ..... 1 2 8</p> |  |  |      |

SECTION 6. CHILD HEALTH AND NUTRITION

| NO. | QUESTIONS AND FILTERS                                                                                                                  | CODING CATEGORIES |    |    | SKIP |
|-----|----------------------------------------------------------------------------------------------------------------------------------------|-------------------|----|----|------|
|     |                                                                                                                                        | YES               | NO | DK |      |
|     | e) Any dark green leafy vegetables, such as spinach, broccoli, sorrel, seyoalaf, sambysai alafi, or other dark green leafy vegetables? | e) ..... 1        | 2  | 8  |      |
|     | f) Any other vegetables, such as tomatoes, cabbage, cucumber, beet, zucchini, or other vegetables?                                     | f) ..... 1        | 2  | 8  |      |
|     | g) Persimmon, apricots or dried apricots?                                                                                              | g) ..... 1        | 2  | 8  |      |
|     | h) Any other fruits, such as apple, cherries, grapes, berries, orange, or other fruits?                                                | h) ..... 1        | 2  | 8  |      |
|     | i) Fish, smoked fish, or canned fish?                                                                                                  | i) ..... 1        | 2  | 8  |      |
|     | j) Liver, heart, or kidney?                                                                                                            | j) ..... 1        | 2  | 8  |      |
|     | k) Cold cuts, sosiski, sardelki, hot dogs, or meat conserves?                                                                          | k) ..... 1        | 2  | 8  |      |
|     | l) Any other meat, such as beef, lamb, goat, chicken, turkey?                                                                          | l) ..... 1        | 2  | 8  |      |
|     | m) Eggs?                                                                                                                               | m) ..... 1        | 2  | 8  |      |
|     | n) Beans, peas, lentils, chickpeas, or mung beans?                                                                                     | n) ..... 1        | 2  | 8  |      |
|     | o) Sunflower or pumpkin seeds, walnuts, peanuts, almonds, or pistachios?                                                               | o) ..... 1        | 2  | 8  |      |
|     | p) Cheese, kooroot, or tvorog?                                                                                                         | p) ..... 1        | 2  | 8  |      |
|     | r) Cakes, cookies, wafers, pastries, sweet rolls, or chak chak?                                                                        | r) ..... 1        | 2  | 8  |      |
|     | s) Candy, chocolates, ice cream, or halva?                                                                                             | s) ..... 1        | 2  | 8  |      |

SECTION 6. CHILD HEALTH AND NUTRITION

| NO. | QUESTIONS AND FILTERS                                                                                                                                                                                                                                                                                                                                    | CODING CATEGORIES                                                                                                                                                                                                                                                               | SKIP  |
|-----|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|
|     | <p>t) Chips, suhariki, Instant noodles such as Rolton or Doshirak, French fries, piroshki, chebureki, or belyashi?</p>                                                                                                                                                                                                                                   | <p align="center">YES                  NO                  DK</p> <p>t) ..... 1                  2                  8</p>                                                                                                                                                       |       |
|     | <p>v) Any other solid, semi-solid, or soft food?<br/>IF YES:<br/>v1) What was the food?</p> <p>MARK THE APPROPRIATE FOOD GROUP FOR EACH ADDITIONAL FOOD, IF THE GROUP IS NOT YET CODED 'YES'.</p> <p>IF UNABLE TO DETERMINE WHICH GROUP THE ADDITIONAL FOOD BELONGS TO, SELECT OPTION "Z" AND A SCREEN WILL BE DISPLAYED TO REGISTER THE NAME OF THE</p> | <p>v) ..... 1                  2                  8</p> <p>OTHER FOOD(S) _____<br/>(SPECIFY)</p>                                                                                                                                                                                |       |
| 638 | <p>CHECK 637 (CATEGORIES 'a' THROUGH 'v'):<br/>NOT A SINGLE 'YES' <input type="checkbox"/> AT LEAST ONE 'YES' <input type="checkbox"/></p>                                                                                                                                                                                                               |                                                                                                                                                                                                                                                                                 | → 640 |
| 639 | <p>Did (NAME IN 635) eat any solid, semi-solid, or soft foods yesterday during the day or at night?</p> <p>IF 'YES' PROBE: What kind of solid, semi-solid or soft foods did (NAME IN 635) eat?</p>                                                                                                                                                       | <p>YES ..... 1<br/>(GO BACK TO 637 TO RECORD<br/>FOOD EATEN YESTERDAY) ←</p> <p>(THEN CONTINUE TO 640) ←</p> <p>NO ..... 2</p>                                                                                                                                                  | → 641 |
| 640 | <p>How many times did (NAME IN 635) eat solid, semi-solid, or soft foods yesterday during the day or at night?</p> <p>IF 7 OR MORE TIMES, RECORD '7'.</p>                                                                                                                                                                                                | <p>NUMBER OF TIMES ..... <input type="text"/></p> <p>DON'T KNOW ..... 8</p>                                                                                                                                                                                                     |       |
| 641 | <p>In the last 6 months, did any healthcare provider or community health worker talk with you about how or what to feed (NAME IN 635)?</p>                                                                                                                                                                                                               | <p>YES ..... 1<br/>NO ..... 2<br/>DON'T KNOW ..... 8</p>                                                                                                                                                                                                                        |       |
| 642 | <p>The last time (NAME IN 635) passed stools, what was done to dispose of the stools?</p>                                                                                                                                                                                                                                                                | <p>CHILD USED TOILET OR LATRINE ..... 01<br/>PUT/RINSED INTO TOILET OR LATRINE ..... 02<br/>PUT/RINSED INTO DRAIN OR DITCH ..... 03<br/>THROWN INTO GARBAGE ..... 04<br/>BURIED ..... 05<br/>LEFT IN THE OPEN ..... 06<br/>BURNED ..... 07<br/>OTHER ..... 96<br/>(SPECIFY)</p> |       |

SECTION 6. CHILD HEALTH AND NUTRITION

| NO. | QUESTIONS AND FILTERS                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | CODING CATEGORIES |          |         | SKIP    |
|-----|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------|----------|---------|---------|
| 643 | <p>Now I'd like to ask you about foods and drinks that you consumed yesterday during the day or night, whether you ate or drank it at home or somewhere else. Please think about snacks and small meals as well as main meals.</p> <p>I will ask you about different foods and drinks, and I would like to know whether you ate the food even if it was combined with other foods.</p> <p>Please do not answer 'yes' for any food or ingredient only used in a small amount to add flavor to a dish.</p> <p>Yesterday during the day or at night, did you eat or drink:</p> |                   |          |         |         |
|     | a) Bread, flatbread, lapsha, macaroni products, rice, buckwheat, or porridge?                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | a) .....          | YES<br>1 | NO<br>2 | DK<br>8 |
|     | b) Carrots, pumpkin, or red Bulgarian pepper?                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | b) .....          | 1        | 2       | 8       |
|     | c) Potato or turnip?                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | c) .....          | 1        | 2       | 8       |
|     | d) Any dark green leafy vegetables, such as spinach, broccoli, sorrel, seyoalaf, sambysai alafi or other dark green leafy vegetables?                                                                                                                                                                                                                                                                                                                                                                                                                                       | d) .....          | 1        | 2       | 8       |
|     | e) Any other vegetables, such as tomatoes, cabbage, cucumber, beet, zucchini or other vegetables?                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | e) .....          | 1        | 2       | 8       |
|     | f) Persimmon, apricots or dried apricots?                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | f) .....          | 1        | 2       | 8       |
|     | g) Any other fruits, such as apple, cherries, grapes, berries, orange, or other fruits?                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | g) .....          | 1        | 2       | 8       |
|     | h) Fish, smoked fish, or canned fish?                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | h) .....          | 1        | 2       | 8       |
|     | i) Liver, heart, or kidney?                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | i) .....          | 1        | 2       | 8       |
|     | j) Cold cuts, sosiski, sardelki, or, or meat conserves?                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | j) .....          | 1        | 2       | 8       |
|     | k) Any other meat, such as beef, lamb, goat, chicken, turkey?                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | k) .....          | 1        | 2       | 8       |
|     | l) Eggs?                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | l) .....          | 1        | 2       | 8       |

**SECTION 6. CHILD HEALTH AND NUTRITION**

| NO. | QUESTIONS AND FILTERS                                                                                                                                                                                                                                      | CODING CATEGORIES                 |    |    | SKIP |
|-----|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------|----|----|------|
|     |                                                                                                                                                                                                                                                            | YES                               | NO | DK |      |
|     | m) Beans, peas, lentils, chickpeas, or mung beans?                                                                                                                                                                                                         | m) ..... 1                        | 2  | 8  |      |
|     | n) Sunflower or pumpkin seeds, walnuts, peanuts, almonds, or pistachios?                                                                                                                                                                                   | n) ..... 1                        | 2  | 8  |      |
|     | o) Milk or powdered milk, cheese, tvorog, chaka, yogurt, jurgot, or kefir?                                                                                                                                                                                 | o) ..... 1                        | 2  | 8  |      |
|     | q) Cakes, cookies, wafers, pastries, sweet rolls, or chak chak?                                                                                                                                                                                            | q) ..... 1                        | 2  | 8  |      |
|     | r) Candy, chocolates, ice cream, or halva?                                                                                                                                                                                                                 | r) ..... 1                        | 2  | 8  |      |
|     | s) Chips, suhariki, Instant noodles such as Rolton or Doshirak, French fries, piroshki, chebureki, or belyashi??                                                                                                                                           | s) ..... 1                        | 2  | 8  |      |
|     | t) Fruit juice, fruit drinks, kompot, or mors?                                                                                                                                                                                                             | t) ..... 1                        | 2  | 8  |      |
|     | u) Sweet carbonated drinks such as Coca-Cola, RC Cola, Fanta, lemonade, or energy drinks?                                                                                                                                                                  | u) ..... 1                        | 2  | 8  |      |
|     | v) Tea with sugar, coffee with sugar, cocoa, or milk cocktails?                                                                                                                                                                                            | v) ..... 1                        | 2  | 8  |      |
|     | x) Any other liquids?                                                                                                                                                                                                                                      | x) ..... 1                        | 2  | 8  |      |
|     | IF YES:                                                                                                                                                                                                                                                    |                                   |    |    |      |
|     | x1) What was the drink?                                                                                                                                                                                                                                    | OTHER DRINK(S) _____<br>(SPECIFY) |    |    |      |
|     | x2) Was the drink sweetened?                                                                                                                                                                                                                               | SWEETENED... 1                    | 2  | 8  |      |
|     | y) Any other food?                                                                                                                                                                                                                                         | y) ..... 1                        | 2  | 8  |      |
|     | IF YES:                                                                                                                                                                                                                                                    |                                   |    |    |      |
|     | y1) What was the food?                                                                                                                                                                                                                                     | OTHER FOOD(S) _____<br>(SPECIFY)  |    |    |      |
|     | <p>MARK THE APPROPRIATE FOOD GROUP FOR EACH ADDITIONAL FOOD, IF THE GROUP IS NOT YET CODED 'YES'.</p> <p>IF UNABLE TO DETERMINE WHICH GROUP THE ADDITIONAL FOOD BELONGS TO, SELECT OPTION "Z" AND A SCREEN WILL BE DISPLAYED TO RECORD THE NAME OF THE</p> |                                   |    |    |      |

SECTION 7. MARRIAGE AND SEXUAL ACTIVITY

| NO.  | QUESTIONS AND FILTERS                                                                                                                    | CODING CATEGORIES                                                                                                                                                                                                                                                                                 | SKIP                            |
|------|------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------|
| 701  | Are you currently married or living together with a man as if married?                                                                   | YES, CURRENTLY MARRIED ..... 1<br>YES, LIVING WITH A MAN ..... 2<br>NO, NOT IN UNION ..... 3                                                                                                                                                                                                      | <input type="checkbox"/> → 706A |
| 702  | Have you ever been married or lived together with a man as if married?                                                                   | YES, FORMERLY MARRIED ..... 1<br>YES, LIVED WITH A MAN ..... 2<br>NO ..... 3                                                                                                                                                                                                                      | <input type="checkbox"/> → 721  |
| 703  | What is your marital status now: are you widowed, divorced, or separated?                                                                | WIDOWED ..... 1<br>DIVORCED ..... 2<br>SEPARATED ..... 3                                                                                                                                                                                                                                          | <input type="checkbox"/> → 714  |
| 706A | Do you have a marriage certificate or other document recognizing this (marriage/union)?                                                  | YES ..... 1<br>NO ..... 2<br>DON'T KNOW ..... 8                                                                                                                                                                                                                                                   | <input type="checkbox"/> → 707  |
| 706B | What document or documents do you have?<br><br>Any other document?<br><br>RECORD ALL MENTIONED.                                          | MARRIAGE CERTIFICATE FROM A CHURCH,<br>MOSQUE OR OTHER RELIGIOUS<br>INSTITUTION ..... A<br>MARRIAGE CERTIFICATE FROM A CIVIL<br>AUTHORITY ..... B<br>OTHER DOCUMENT FROM A RELIGIOUS<br>INSTITUTION ..... C<br>OTHER DOCUMENT FROM A CIVIL<br>AUTHORITY ..... D<br><br>OTHER _____ X<br>(SPECIFY) | <input type="checkbox"/> → 709  |
| 707  | Was this marriage ever registered with the civil authority?                                                                              | YES ..... 1<br>NO ..... 2<br>DON'T KNOW ..... 8                                                                                                                                                                                                                                                   |                                 |
| 709  | Is your (husband/partner) living with you now or is he staying elsewhere?                                                                | LIVING WITH HER ..... 1<br>STAYING ELSEWHERE ..... 2                                                                                                                                                                                                                                              |                                 |
| 710  | RECORD THE HUSBAND'S/PARTNER'S NAME AND LINE NUMBER FROM THE HOUSEHOLD QUESTIONNAIRE. IF HE IS NOT LISTED IN THE HOUSEHOLD, RECORD '00'. | NAME _____<br><br>LINE NO. .... <input type="text"/> <input type="text"/>                                                                                                                                                                                                                         |                                 |
| 711  | Does your (husband/partner) have other wives or does he live with other women as if married?                                             | YES ..... 1<br>NO ..... 2<br>DON'T KNOW ..... 8                                                                                                                                                                                                                                                   | <input type="checkbox"/> → 714  |
| 712  | Including yourself, in total, how many wives or live-in partners does he have?                                                           | TOTAL NUMBER OF WIVES<br>AND LIVE-IN PARTNERS ..... <input type="text"/> <input type="text"/><br><br>DON'T KNOW ..... 98                                                                                                                                                                          |                                 |
| 713  | Are you the first, second, ... wife?                                                                                                     | RANK ..... <input type="text"/> <input type="text"/><br><br>DON'T KNOW ..... 98                                                                                                                                                                                                                   |                                 |
| 714  | Have you been married or lived with a man only once or more than once?                                                                   | ONLY ONCE ..... 1<br>MORE THAN ONCE ..... 2                                                                                                                                                                                                                                                       |                                 |

**SECTION 7. MARRIAGE AND SEXUAL ACTIVITY**

| NO. | QUESTIONS AND FILTERS                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | CODING CATEGORIES                                                                                                                                                                                                                                                           | SKIP  |
|-----|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|
| 715 | <p>CHECK 714:</p> <div style="display: flex; justify-content: space-between;"> <div style="width: 45%;"> <p>MARRIED/<br/>LIVED WITH A MAN<br/>ONLY ONCE <input type="checkbox"/></p> <p>a) In what month and year<br/>did you start living with<br/>your<br/>(husband/partner)?</p> </div> <div style="width: 45%;"> <p>MARRIED/<br/>LIVED WITH A<br/>MAN MORE<br/>THAN ONCE <input type="checkbox"/></p> <p>b) Now I would like to ask<br/>about your first<br/>husband or partner. In<br/>what month and year<br/>did you start living with<br/>him?</p> </div> </div> | <p>MONTH ..... <input type="text"/> <input type="text"/></p> <p>DON'T KNOW MONTH ..... 98</p> <p>YEAR ..... <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/></p> <p>DON'T KNOW YEAR ..... 9998</p>                                       | → 717 |
| 716 | How old were you when you first started living with him?                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | AGE ..... <input type="text"/> <input type="text"/>                                                                                                                                                                                                                         |       |
| 717 | <p>CHECK 714:</p> <div style="display: flex; justify-content: space-between;"> <div style="width: 45%;"> <p>MARRIED/LIVED WITH<br/>A MAN MORE THAN ONCE <input type="checkbox"/></p> </div> <div style="width: 45%;"> <p>MARRIED/LIVED WITH<br/>A MAN ONLY ONCE <input type="checkbox"/></p> </div> </div>                                                                                                                                                                                                                                                               |                                                                                                                                                                                                                                                                             | → 721 |
| 718 | <p>CHECK 701:</p> <div style="display: flex; justify-content: space-between;"> <div style="width: 30%;"> <p>YES, <input type="checkbox"/><br/>CURRENTLY<br/>MARRIED</p> </div> <div style="width: 30%;"> <p>YES, <input type="checkbox"/><br/>LIVING<br/>WITH A MAN</p> </div> <div style="width: 30%;"> <p>NO, <input type="checkbox"/><br/>NOT IN A UNION</p> </div> </div>                                                                                                                                                                                            |                                                                                                                                                                                                                                                                             | → 721 |
| 719 | Now I'd like to ask you about your current (husband/partner). In what month and year did you start living with him?                                                                                                                                                                                                                                                                                                                                                                                                                                                      | <p>MONTH ..... <input type="text"/> <input type="text"/></p> <p>DON'T KNOW MONTH ..... 98</p> <p>YEAR ..... <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/></p> <p>DON'T KNOW YEAR ..... 9998</p>                                       | → 721 |
| 720 | How old were you when you first started living with your current (husband/partner)?                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | AGE ..... <input type="text"/> <input type="text"/>                                                                                                                                                                                                                         |       |
| 721 | <b>CHECK FOR PRESENCE OF OTHERS. BEFORE CONTINUING, MAKE EVERY EFFORT TO ENSURE PRIVACY.</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                                                                                                                                                                                                                                                             |       |
| 722 | Now I would like to ask some questions about sexual activity in order to gain a better understanding of some important life issues. Let me assure you again that your answers are completely confidential and will not be told to anyone. If we should come to any question that you don't want to answer, just let me know and we will go to the next question. How old were you when you had sexual intercourse for the very first time?                                                                                                                               | <p>NEVER HAD SEXUAL<br/>INTERCOURSE ..... 00</p> <p>AGE IN YEARS ..... <input type="text"/> <input type="text"/></p>                                                                                                                                                        | → 738 |
| 723 | <p>I would like to ask you about your recent sexual activity. When was the last time you had sexual intercourse?</p> <p>IF LESS THAN 12 MONTHS, ANSWER MUST BE RECORDED IN DAYS, WEEKS OR MONTHS. IF 12 MONTHS (ONE YEAR) OR MORE, ANSWER MUST BE RECORDED IN YEARS.</p>                                                                                                                                                                                                                                                                                                 | <p>DAYS AGO ..... 1 <input type="text"/> <input type="text"/></p> <p>WEEKS AGO ..... 2 <input type="text"/> <input type="text"/></p> <p>MONTHS AGO ..... 3 <input type="text"/> <input type="text"/></p> <p>YEARS AGO ..... 4 <input type="text"/> <input type="text"/></p> | → 737 |

SECTION 7. MARRIAGE AND SEXUAL ACTIVITY

| NO. | QUESTIONS AND FILTERS                                                                                                                                                                                    | CODING CATEGORIES                                                                                                                                                                                                                                                                                                                                                                 | SKIP  |
|-----|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|
| 724 | CHECK 232:<br><br><div style="display: flex; justify-content: space-around;"> <div>NOT PREGNANT <input type="checkbox"/><br/>OR UNSURE ↓</div> <div>PREGNANT <input type="checkbox"/> → 727</div> </div> |                                                                                                                                                                                                                                                                                                                                                                                   |       |
| 725 | The last time you had sexual intercourse, did you or your partner do something or use any method to delay or avoid getting pregnant?                                                                     | YES ..... 1<br>NO ..... 2                                                                                                                                                                                                                                                                                                                                                         | → 727 |
| 726 | Which method did you use?<br><br>RECORD ALL MENTIONED.<br><br>IF CODES 'G' OR 'H' ARE CIRCLED, SKIP TO 729<br>EVEN IF ANOTHER METHOD WAS ALSO USED.                                                      | FEMALE STERILIZATION ..... A<br>MALE STERILIZATION ..... B<br>IUD ..... C<br>INJECTABLES ..... D<br>IMPLANTS ..... E<br>PILL ..... F<br>CONDOM ..... G<br>FEMALE CONDOM ..... H<br>EMERGENCY CONTRACEPTION ..... I<br><br>LACTATIONAL AMENORRHEA METHOD ..... K<br>RHYTHM METHOD ..... L<br>WITHDRAWAL ..... M<br>OTHER MODERN METHOD ..... X<br>OTHER TRADITIONAL METHOD ..... Y | → 729 |
| 727 | The last time you had sexual intercourse, was a condom used?                                                                                                                                             | YES ..... 1<br>NO ..... 2                                                                                                                                                                                                                                                                                                                                                         | → 730 |



SECTION 7. MARRIAGE AND SEXUAL ACTIVITY

| NO. | QUESTIONS AND FILTERS                                                                                                                                                                                                  | CODING CATEGORIES                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | SKIP  |
|-----|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|
| 729 | <p>From where did you obtain the condom the last time?</p> <p>PROBE TO IDENTIFY TYPE OF SOURCE.<br/>IF UNABLE TO DETERMINE IF PUBLIC, PRIVATE,<br/>OR NGO SECTOR, RECORD '96' AND WRITE THE<br/>NAME OF THE PLACE.</p> | <p><b>PUBLIC SECTOR</b></p> <p>GOVERNMENT HOSPITAL ..... 11</p> <p>MATERNITY HOME ..... 12</p> <p>URBAN/RAYON/RURAL HEALTH CENTER ..... 13</p> <p>REPRODUCTIVE HEALTH CENTER ..... 14</p> <p>HEALTH HOUSE ..... 15</p> <p>INTEGRATED MANAGEMENT OF CHILDHOOD<br/>ILLNESS CENTER ..... 16</p> <p>IMMUNOPROPHYLAXIS CENTER ..... 17</p> <p>AIDS CENTER ..... 18</p> <p>MOBILE CLINIC OF AIDS CENTER ..... 19</p> <p>HEALTHY LIFESTYLE CENTER ..... 20</p> <p>FAMILY MEDICINE CENTER ..... 21</p> <p>PATRONAGE MEDICAL WORKER ..... 22</p> <p>OTHER PUBLIC SECTOR</p> <p>_____ 26</p> <p align="center">(SPECIFY)</p> <p><b>PRIVATE MEDICAL SECTOR</b></p> <p>PRIVATE HOSPITAL ..... 31</p> <p>PRIVATE CLINIC ..... 32</p> <p>PRIVATE DOCTOR'S OFFICE ..... 33</p> <p>PRIVATE LABORATORY ..... 34</p> <p>PHARMACY ..... 35</p> <p>PATRONAGE MEDICAL WORKER ..... 36</p> <p>OTHER PRIVATE MEDICAL SECTOR</p> <p>_____ 37</p> <p align="center">(SPECIFY)</p> <p><b>OTHER SOURCE</b></p> <p>SHOP ..... 41</p> <p>FRIEND/RELATIVE ..... 43</p> <p>OTHER _____ 96</p> <p align="center">(SPECIFY)</p> <p>DON'T KNOW ..... 98</p> |       |
| 730 | <p>What was your relationship to this person with whom<br/>you had sexual intercourse?</p> <p>IF BOYFRIEND: Were you living together as if<br/>married?</p> <p>IF YES, RECORD '2'.<br/>IF NO, RECORD '3'.</p>          | <p>HUSBAND ..... 1</p> <p>LIVE-IN PARTNER ..... 2</p> <p>BOYFRIEND NOT LIVING WITH<br/>RESPONDENT ..... 3</p> <p>CASUAL ACQUAINTANCE ..... 4</p> <p>CLIENT/SEX WORKER ..... 5</p> <p>OTHER _____ 6</p> <p align="center">(SPECIFY)</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |       |
| 731 | <p>Apart from this person, have you had sexual<br/>intercourse with any other person in the last 12<br/>months?</p>                                                                                                    | <p>YES ..... 1</p> <p>NO ..... 2</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | → 737 |
| 732 | <p>The last time you had sexual intercourse with this<br/>second person, was a condom used?</p>                                                                                                                        | <p>YES ..... 1</p> <p>NO ..... 2</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |       |

SECTION 7. MARRIAGE AND SEXUAL ACTIVITY

| NO.           | QUESTIONS AND FILTERS                                                                                                                                                                                        | CODING CATEGORIES                                                                                                                                                                                                          | SKIP  |     |    |              |   |   |             |   |   |               |   |   |  |
|---------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|-----|----|--------------|---|---|-------------|---|---|---------------|---|---|--|
| 733           | <p>What was your relationship to this second person with whom you had sexual intercourse?</p> <p>IF BOYFRIEND: Were you living together as if married?</p> <p>IF YES, RECORD '2'.<br/>IF NO, RECORD '3'.</p> | <p>HUSBAND ..... 1</p> <p>LIVE-IN PARTNER ..... 2</p> <p>BOYFRIEND NOT LIVING WITH<br/>RESPONDENT ..... 3</p> <p>CASUAL ACQUAINTANCE ..... 4</p> <p>CLIENT/SEX WORKER ..... 5</p> <p>OTHER ..... 6<br/>(SPECIFY)</p>       |       |     |    |              |   |   |             |   |   |               |   |   |  |
| 734           | <p>Apart from these two people, have you had sexual intercourse with any other person in the last 12 months?</p>                                                                                             | <p>YES ..... 1</p> <p>NO ..... 2</p>                                                                                                                                                                                       | → 737 |     |    |              |   |   |             |   |   |               |   |   |  |
| 735           | <p>The last time you had sexual intercourse with this third person, was a condom used?</p>                                                                                                                   | <p>YES ..... 1</p> <p>NO ..... 2</p>                                                                                                                                                                                       |       |     |    |              |   |   |             |   |   |               |   |   |  |
| 736           | <p>What was your relationship to this third person with whom you had sexual intercourse?</p> <p>IF BOYFRIEND: Were you living together as if married?</p> <p>IF YES, RECORD '2'.<br/>IF NO, RECORD '3'.</p>  | <p>HUSBAND ..... 1</p> <p>LIVE-IN PARTNER ..... 2</p> <p>BOYFRIEND NOT LIVING WITH<br/>RESPONDENT ..... 3</p> <p>CASUAL ACQUAINTANCE ..... 4</p> <p>CLIENT/SEX WORKER ..... 5</p> <p>OTHER ..... 6<br/>(SPECIFY)</p>       |       |     |    |              |   |   |             |   |   |               |   |   |  |
| 737           | <p>In total, with how many different people have you had sexual intercourse in your lifetime?</p> <p>IF NON-NUMERIC ANSWER, PROBE TO GET AN ESTIMATE. IF NUMBER OF PARTNERS IS 95 OR MORE, RECORD '95'.</p>  | <p>NUMBER OF PARTNERS<br/>IN LIFETIME ..... <input type="text"/> <input type="text"/></p> <p>DON'T KNOW ..... 98</p>                                                                                                       |       |     |    |              |   |   |             |   |   |               |   |   |  |
| 738           | <p>PRESENCE OF OTHERS DURING THIS SECTION.</p>                                                                                                                                                               | <table> <tr> <td></td><td>YES</td><td>NO</td></tr> <tr> <td>CHILDREN &lt;10</td><td>1</td><td>2</td></tr> <tr> <td>MALE ADULTS</td><td>1</td><td>2</td></tr> <tr> <td>FEMALE ADULTS</td><td>1</td><td>2</td></tr> </table> |       | YES | NO | CHILDREN <10 | 1 | 2 | MALE ADULTS | 1 | 2 | FEMALE ADULTS | 1 | 2 |  |
|               | YES                                                                                                                                                                                                          | NO                                                                                                                                                                                                                         |       |     |    |              |   |   |             |   |   |               |   |   |  |
| CHILDREN <10  | 1                                                                                                                                                                                                            | 2                                                                                                                                                                                                                          |       |     |    |              |   |   |             |   |   |               |   |   |  |
| MALE ADULTS   | 1                                                                                                                                                                                                            | 2                                                                                                                                                                                                                          |       |     |    |              |   |   |             |   |   |               |   |   |  |
| FEMALE ADULTS | 1                                                                                                                                                                                                            | 2                                                                                                                                                                                                                          |       |     |    |              |   |   |             |   |   |               |   |   |  |

**SECTION 8. FERTILITY PREFERENCES**

| NO. | QUESTIONS AND FILTERS                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | CODING CATEGORIES                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | SKIP                    |  |  |  |                         |
|-----|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------|--|--|--|-------------------------|
| 801 | CHECK 307:<br><div style="display: flex; justify-content: space-around;"> <div>NOT ASKED <input type="checkbox"/></div> <div>NEITHER ARE<br/>STERILIZED <input type="checkbox"/></div> <div>HE OR SHE<br/>STERILIZED <input type="checkbox"/></div> </div>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | → 813                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                         |  |  |  |                         |
| 802 | CHECK 232:<br><div style="display: flex; justify-content: space-around;"> <div>PREGNANT <input type="checkbox"/></div> <div>NOT PREGNANT<br/>OR UNSURE <input type="checkbox"/></div> </div>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | → 804                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                         |  |  |  |                         |
| 803 | Now I have some questions about the future. After the child you are expecting now, would you like to have another child, or would you prefer not to have any more children?                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | HAVE ANOTHER CHILD ..... 1<br>NO MORE ..... 2<br>UNDECIDED/DON'T KNOW ..... 8                                                                                                                                                                                                                                                                                                                                                                                                                                                 | → 805<br>→ 812          |  |  |  |                         |
| 804 | CHECK 208:<br><div style="display: flex; justify-content: space-between;"> <div style="width: 45%;">           HAS HAD<br/>A CHILD <input type="checkbox"/><br/>           a) Now I have some questions about the future. Would you like to have another child, or would you prefer not to have any more children?         </div> <div style="width: 45%;">           HAS NOT HAD<br/>A CHILD <input type="checkbox"/><br/>           b) Now I have some questions about the future. Would you like to have a child, or would you prefer not to have any children?         </div> </div>                                                                                                                                                                                          | HAVE (A/ANOTHER) CHILD ..... 1<br>NO MORE/NONE ..... 2<br>SAYS SHE CAN'T GET PREGNANT ..... 3<br>UNDECIDED/DON'T KNOW ..... 8                                                                                                                                                                                                                                                                                                                                                                                                 | → 807<br>→ 813<br>→ 811 |  |  |  |                         |
| 805 | CHECK 208 AND 232:<br><div style="display: flex; justify-content: space-between;"> <div style="width: 30%;">           NOT PREG.<br/>OR UNSURE<br/>AND HAS<br/>HAD A CHILD <input type="checkbox"/><br/>           a) How long would you like to wait from now before the birth of another child?         </div> <div style="width: 30%;">           NOT PREG.<br/>OR UNSURE<br/>AND HAS NOT<br/>HAD A CHILD <input type="checkbox"/><br/>           b) How long would you like to wait from now before the birth of a child?         </div> <div style="width: 30%;">           PREGNANT <input type="checkbox"/><br/>           c) After the birth of the child you are expecting now, how long would you like to wait before the birth of another child?         </div> </div> | <div style="display: flex; justify-content: space-between;"> <div>           MONTHS ..... 1<br/>           YEARS ..... 2<br/>           SOON/NOW ..... 993<br/>           SAYS SHE CAN'T GET PREGNANT ..... 994<br/>           AFTER MARRIAGE ..... 995<br/>           OTHER ..... 996<br/>           (SPECIFY)<br/>           DON'T KNOW ..... 998         </div> <div> <table border="1" style="width: 40px; height: 40px; margin: 0 auto;"> <tr><td></td><td></td></tr> <tr><td></td><td></td></tr> </table> </div> </div> |                         |  |  |  | → 811<br>→ 813<br>→ 811 |
|     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                         |  |  |  |                         |
|     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                         |  |  |  |                         |
| 806 | CHECK 232:<br><div style="display: flex; justify-content: space-around;"> <div>NOT PREGNANT<br/>OR UNSURE <input type="checkbox"/></div> <div>PREGNANT <input type="checkbox"/></div> </div>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | → 812                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                         |  |  |  |                         |
| 807 | CHECK 307: USING A CONTRACEPTIVE METHOD?<br><div style="display: flex; justify-content: space-around;"> <div>NOT<br/>ASKED <input type="checkbox"/></div> <div>CURRENTLY<br/>USING <input type="checkbox"/></div> </div>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | → 813                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                         |  |  |  |                         |
| 808 | CHECK 805:<br><div style="display: flex; justify-content: space-around;"> <div>'24' OR MORE MONTHS<br/>OR '02' OR MORE YEARS <input type="checkbox"/></div> <div>NOT<br/>ASKED <input type="checkbox"/></div> <div>'00-23' MONTHS<br/>OR '00-01' YEAR <input type="checkbox"/></div> </div>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | → 812                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                         |  |  |  |                         |
| 809 | CHECK 723:<br><div style="display: flex; justify-content: space-around;"> <div>DAYS, WEEKS OR<br/>MONTHS AGO <input type="checkbox"/></div> <div>YEARS<br/>AGO <input type="checkbox"/></div> <div>NOT<br/>ASKED <input type="checkbox"/></div> </div>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | → 811<br>→ 811                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                         |  |  |  |                         |

**SECTION 8. FERTILITY PREFERENCES**

| NO.                                                                                                                                                                                                                                                                                 | QUESTIONS AND FILTERS                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | CODING CATEGORIES                                                                                                                                                                                                                                                                   | SKIP                                                                                                                                                                                                                                                                 |                                                                                                                                                                                                                                                                             |                                                                                                                                                                                                                                                                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |  |
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| 810                                                                                                                                                                                                                                                                                 | <p>CHECK 208 AND 804:</p> <table border="0"> <tr> <td> <p>HAS HAD A CHILD AND <input type="checkbox"/> WANTS TO HAVE ANOTHER CHILD</p> <p>a) You have said that you do not want another child soon. Can you tell me why you are not using a method to prevent pregnancy?</p> <p>Any other reason?</p> <p>RECORD ALL REASONS MENTIONED.</p> </td><td> <p>HAS HAD A CHILD AND <input type="checkbox"/> WANTS NO MORE</p> <p>b) You have said that you do not want any more children. Can you tell me why you are not using a method to prevent pregnancy?</p> <p>Any other reason?</p> <p>RECORD ALL REASONS MENTIONED.</p> </td></tr> <tr> <td> <p>HAS NOT HAD A CHILD AND <input type="checkbox"/> WANTS TO HAVE A CHILD</p> <p>c) You have said that you do not want a child soon. Can you tell me why you are not using a method to prevent pregnancy?</p> <p>Any other reason?</p> <p>RECORD ALL REASONS MENTIONED.</p> </td><td> <p>HAS NOT HAD A CHILD AND <input type="checkbox"/> WANTS NO CHILDREN</p> <p>d) You have said that you do not want any children. Can you tell me why you are not using a method to prevent pregnancy?</p> <p>Any other reason?</p> <p>RECORD ALL REASONS MENTIONED.</p> </td></tr> </table> | <p>HAS HAD A CHILD AND <input type="checkbox"/> WANTS TO HAVE ANOTHER CHILD</p> <p>a) You have said that you do not want another child soon. Can you tell me why you are not using a method to prevent pregnancy?</p> <p>Any other reason?</p> <p>RECORD ALL REASONS MENTIONED.</p> | <p>HAS HAD A CHILD AND <input type="checkbox"/> WANTS NO MORE</p> <p>b) You have said that you do not want any more children. Can you tell me why you are not using a method to prevent pregnancy?</p> <p>Any other reason?</p> <p>RECORD ALL REASONS MENTIONED.</p> | <p>HAS NOT HAD A CHILD AND <input type="checkbox"/> WANTS TO HAVE A CHILD</p> <p>c) You have said that you do not want a child soon. Can you tell me why you are not using a method to prevent pregnancy?</p> <p>Any other reason?</p> <p>RECORD ALL REASONS MENTIONED.</p> | <p>HAS NOT HAD A CHILD AND <input type="checkbox"/> WANTS NO CHILDREN</p> <p>d) You have said that you do not want any children. Can you tell me why you are not using a method to prevent pregnancy?</p> <p>Any other reason?</p> <p>RECORD ALL REASONS MENTIONED.</p> | <p>NOT MARRIED ..... A</p> <p><b>FERTILITY-RELATED REASONS</b></p> <p>NOT HAVING SEX ..... B</p> <p>INFREQUENT SEX ..... C</p> <p>MENOPAUSAL/HYSTERECTOMY ..... D</p> <p>CAN'T GET PREGNANT ..... E</p> <p>NOT MENSTRUATED SINCE LAST BIRTH ..... F</p> <p>BREASTFEEDING ..... G</p> <p>UP TO GOD/FATALISTIC ..... H</p> <p><b>OPPOSITION TO USE</b></p> <p>RESPONDENT OPPOSED ..... I</p> <p>HUSBAND/PARTNER OPPOSED ..... J</p> <p>OTHERS OPPOSED ..... K</p> <p>RELIGIOUS PROHIBITION ..... L</p> <p><b>LACK OF KNOWLEDGE</b></p> <p>KNOWS NO METHOD ..... M</p> <p>KNOWS NO SOURCE ..... N</p> <p><b>METHOD-RELATED REASONS</b></p> <p>INCONVENIENT TO USE ..... O</p> <p>CHANGES IN MENSTRUAL BLEEDING ..... P</p> <p>METHODS COULD CAUSE INFERTILITY ..... Q</p> <p>INTERFERES WITH BODY'S NORMAL PROCESSES ..... R</p> <p>OTHER SIDE EFFECTS ..... S</p> <p><b>COST/ACCESS/AVAILABILITY</b></p> <p>LACK OF ACCESS/TOO FAR ..... T</p> <p>COSTS TOO MUCH ..... U</p> <p>PREFERRED METHOD NOT AVAILABLE ..... V</p> <p>NO METHOD AVAILABLE ..... W</p> <p>OTHER ..... X</p> <p align="center">(SPECIFY)</p> <p>DON'T KNOW ..... Z</p> |  |
| <p>HAS HAD A CHILD AND <input type="checkbox"/> WANTS TO HAVE ANOTHER CHILD</p> <p>a) You have said that you do not want another child soon. Can you tell me why you are not using a method to prevent pregnancy?</p> <p>Any other reason?</p> <p>RECORD ALL REASONS MENTIONED.</p> | <p>HAS HAD A CHILD AND <input type="checkbox"/> WANTS NO MORE</p> <p>b) You have said that you do not want any more children. Can you tell me why you are not using a method to prevent pregnancy?</p> <p>Any other reason?</p> <p>RECORD ALL REASONS MENTIONED.</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                                                                                                                                                                                                                                                                     |                                                                                                                                                                                                                                                                      |                                                                                                                                                                                                                                                                             |                                                                                                                                                                                                                                                                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |  |
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| 811                                                                                                                                                                                                                                                                                 | <p>CHECK 307: USING A CONTRACEPTIVE METHOD?</p> <p align="center">NOT <input type="checkbox"/> ASKED</p> <p align="center">YES, <input type="checkbox"/> CURRENTLY USING</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                                                                                                                                                                                                                                                                     | 813                                                                                                                                                                                                                                                                  |                                                                                                                                                                                                                                                                             |                                                                                                                                                                                                                                                                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |  |
| 812                                                                                                                                                                                                                                                                                 | Do you think you will use a contraceptive method to delay or avoid pregnancy at any time in the future?                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | <p>YES ..... 1</p> <p>NO ..... 2</p> <p>DON'T KNOW ..... 8</p>                                                                                                                                                                                                                      |                                                                                                                                                                                                                                                                      |                                                                                                                                                                                                                                                                             |                                                                                                                                                                                                                                                                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |  |
| 813                                                                                                                                                                                                                                                                                 | <p>CHECK 224:</p> <table border="0"> <tr> <td> <p>HAS LIVING CHILDREN <input type="checkbox"/></p> <p>a) If you could go back to the time you did not have any children and could choose exactly the number of children to have in your whole life, how many would that be?</p> <p>PROBE FOR A NUMERIC RESPONSE.</p> </td><td> <p>NO LIVING CHILDREN <input type="checkbox"/></p> <p>b) If you could choose exactly the number of children to have in your whole life, how many would that be?</p> <p>PROBE FOR A NUMERIC RESPONSE.</p> </td></tr> </table>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | <p>HAS LIVING CHILDREN <input type="checkbox"/></p> <p>a) If you could go back to the time you did not have any children and could choose exactly the number of children to have in your whole life, how many would that be?</p> <p>PROBE FOR A NUMERIC RESPONSE.</p>               | <p>NO LIVING CHILDREN <input type="checkbox"/></p> <p>b) If you could choose exactly the number of children to have in your whole life, how many would that be?</p> <p>PROBE FOR A NUMERIC RESPONSE.</p>                                                             | <p>NONE ..... 00</p> <p>NUMBER ..... <input type="text"/> <input type="text"/></p> <p>OTHER ..... 96</p> <p align="center">(SPECIFY)</p>                                                                                                                                    | <p>815</p> <p>815</p>                                                                                                                                                                                                                                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |  |
| <p>HAS LIVING CHILDREN <input type="checkbox"/></p> <p>a) If you could go back to the time you did not have any children and could choose exactly the number of children to have in your whole life, how many would that be?</p> <p>PROBE FOR A NUMERIC RESPONSE.</p>               | <p>NO LIVING CHILDREN <input type="checkbox"/></p> <p>b) If you could choose exactly the number of children to have in your whole life, how many would that be?</p> <p>PROBE FOR A NUMERIC RESPONSE.</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                                                                                                                                                                                                                                                                     |                                                                                                                                                                                                                                                                      |                                                                                                                                                                                                                                                                             |                                                                                                                                                                                                                                                                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |  |
| 814                                                                                                                                                                                                                                                                                 | How many of these children would you like to be boys, how many would you like to be girls and for how many would it not matter if it's a boy or a girl?                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | <p align="center">BOYS      GIRLS      EITHER</p> <p>NUMBER .. <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/></p> <p>OTHER ..... 96</p> <p align="center">(SPECIFY)</p>                              |                                                                                                                                                                                                                                                                      |                                                                                                                                                                                                                                                                             |                                                                                                                                                                                                                                                                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |  |

**SECTION 8. FERTILITY PREFERENCES**

| NO.                                                                                             | QUESTIONS AND FILTERS                                                                                                                                                                                                       | CODING CATEGORIES                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | SKIP           |     |    |                                              |                      |   |                                                           |                           |   |                                                           |                                      |   |                                                                              |                             |   |                                                                                                 |                                               |   |                                                                          |                                        |   |                                                                         |                                       |   |                                                                          |                                      |   |  |
|-------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------|-----|----|----------------------------------------------|----------------------|---|-----------------------------------------------------------|---------------------------|---|-----------------------------------------------------------|--------------------------------------|---|------------------------------------------------------------------------------|-----------------------------|---|-------------------------------------------------------------------------------------------------|-----------------------------------------------|---|--------------------------------------------------------------------------|----------------------------------------|---|-------------------------------------------------------------------------|---------------------------------------|---|--------------------------------------------------------------------------|--------------------------------------|---|--|
| 815                                                                                             | In the last 12 months have you:                                                                                                                                                                                             | <table> <tr> <td></td><td>YES</td><td>NO</td></tr> <tr> <td>a) Heard about family planning on the radio?</td><td>a) RADIO . . . . . 1</td><td>2</td></tr> <tr> <td>b) Seen anything about family planning on the television?</td><td>b) TELEVISION . . . . . 1</td><td>2</td></tr> <tr> <td>c) Read about family planning in a newspaper or magazine?</td><td>c) NEWSPAPER OR MAGAZINE . . . . . 1</td><td>2</td></tr> <tr> <td>d) Received a voice or text message about family planning on a mobile phone?</td><td>d) MOBILE PHONE . . . . . 1</td><td>2</td></tr> <tr> <td>e) Seen anything about family planning on social media such as Facebook, Twitter, or Instagram?</td><td>e) FACEBOOK/TWITTER/<br/>INSTAGRAM . . . . . 1</td><td>2</td></tr> <tr> <td>f) Seen anything about family planning on a poster, leaflet or brochure?</td><td>f) POSTER/LEAFLET/BROCHURE . . . . . 1</td><td>2</td></tr> <tr> <td>g) Seen anything about family planning on an outdoor sign or billboard?</td><td>g) OUTDOOR SIGN/BILLBOARD . . . . . 1</td><td>2</td></tr> <tr> <td>h) Heard anything about family planning at community meetings or events?</td><td>h) COMMUNITY MEETINGS/EVENTS . . . 1</td><td>2</td></tr> </table> |                | YES | NO | a) Heard about family planning on the radio? | a) RADIO . . . . . 1 | 2 | b) Seen anything about family planning on the television? | b) TELEVISION . . . . . 1 | 2 | c) Read about family planning in a newspaper or magazine? | c) NEWSPAPER OR MAGAZINE . . . . . 1 | 2 | d) Received a voice or text message about family planning on a mobile phone? | d) MOBILE PHONE . . . . . 1 | 2 | e) Seen anything about family planning on social media such as Facebook, Twitter, or Instagram? | e) FACEBOOK/TWITTER/<br>INSTAGRAM . . . . . 1 | 2 | f) Seen anything about family planning on a poster, leaflet or brochure? | f) POSTER/LEAFLET/BROCHURE . . . . . 1 | 2 | g) Seen anything about family planning on an outdoor sign or billboard? | g) OUTDOOR SIGN/BILLBOARD . . . . . 1 | 2 | h) Heard anything about family planning at community meetings or events? | h) COMMUNITY MEETINGS/EVENTS . . . 1 | 2 |  |
|                                                                                                 | YES                                                                                                                                                                                                                         | NO                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                |     |    |                                              |                      |   |                                                           |                           |   |                                                           |                                      |   |                                                                              |                             |   |                                                                                                 |                                               |   |                                                                          |                                        |   |                                                                         |                                       |   |                                                                          |                                      |   |  |
| a) Heard about family planning on the radio?                                                    | a) RADIO . . . . . 1                                                                                                                                                                                                        | 2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                |     |    |                                              |                      |   |                                                           |                           |   |                                                           |                                      |   |                                                                              |                             |   |                                                                                                 |                                               |   |                                                                          |                                        |   |                                                                         |                                       |   |                                                                          |                                      |   |  |
| b) Seen anything about family planning on the television?                                       | b) TELEVISION . . . . . 1                                                                                                                                                                                                   | 2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                |     |    |                                              |                      |   |                                                           |                           |   |                                                           |                                      |   |                                                                              |                             |   |                                                                                                 |                                               |   |                                                                          |                                        |   |                                                                         |                                       |   |                                                                          |                                      |   |  |
| c) Read about family planning in a newspaper or magazine?                                       | c) NEWSPAPER OR MAGAZINE . . . . . 1                                                                                                                                                                                        | 2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                |     |    |                                              |                      |   |                                                           |                           |   |                                                           |                                      |   |                                                                              |                             |   |                                                                                                 |                                               |   |                                                                          |                                        |   |                                                                         |                                       |   |                                                                          |                                      |   |  |
| d) Received a voice or text message about family planning on a mobile phone?                    | d) MOBILE PHONE . . . . . 1                                                                                                                                                                                                 | 2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                |     |    |                                              |                      |   |                                                           |                           |   |                                                           |                                      |   |                                                                              |                             |   |                                                                                                 |                                               |   |                                                                          |                                        |   |                                                                         |                                       |   |                                                                          |                                      |   |  |
| e) Seen anything about family planning on social media such as Facebook, Twitter, or Instagram? | e) FACEBOOK/TWITTER/<br>INSTAGRAM . . . . . 1                                                                                                                                                                               | 2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                |     |    |                                              |                      |   |                                                           |                           |   |                                                           |                                      |   |                                                                              |                             |   |                                                                                                 |                                               |   |                                                                          |                                        |   |                                                                         |                                       |   |                                                                          |                                      |   |  |
| f) Seen anything about family planning on a poster, leaflet or brochure?                        | f) POSTER/LEAFLET/BROCHURE . . . . . 1                                                                                                                                                                                      | 2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                |     |    |                                              |                      |   |                                                           |                           |   |                                                           |                                      |   |                                                                              |                             |   |                                                                                                 |                                               |   |                                                                          |                                        |   |                                                                         |                                       |   |                                                                          |                                      |   |  |
| g) Seen anything about family planning on an outdoor sign or billboard?                         | g) OUTDOOR SIGN/BILLBOARD . . . . . 1                                                                                                                                                                                       | 2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                |     |    |                                              |                      |   |                                                           |                           |   |                                                           |                                      |   |                                                                              |                             |   |                                                                                                 |                                               |   |                                                                          |                                        |   |                                                                         |                                       |   |                                                                          |                                      |   |  |
| h) Heard anything about family planning at community meetings or events?                        | h) COMMUNITY MEETINGS/EVENTS . . . 1                                                                                                                                                                                        | 2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                |     |    |                                              |                      |   |                                                           |                           |   |                                                           |                                      |   |                                                                              |                             |   |                                                                                                 |                                               |   |                                                                          |                                        |   |                                                                         |                                       |   |                                                                          |                                      |   |  |
| 817                                                                                             | CHECK 701:<br><div> <div>YES, <input type="checkbox"/><br/>CURRENTLY<br/>MARRIED</div> <div>YES, <input type="checkbox"/><br/>LIVING<br/>WITH A MAN</div> <div>NO, <input type="checkbox"/><br/>NOT IN A UNION</div> </div> |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | → 901          |     |    |                                              |                      |   |                                                           |                           |   |                                                           |                                      |   |                                                                              |                             |   |                                                                                                 |                                               |   |                                                                          |                                        |   |                                                                         |                                       |   |                                                                          |                                      |   |  |
| 818                                                                                             | Who usually makes the decision on whether or not you should use contraception, you, your (husband/partner), you and your (husband/partner) jointly, or someone else?                                                        | RESPONDENT . . . . . 1<br>HUSBAND/PARTNER . . . . . 2<br>RESPONDENT AND HUSBAND/PARTNER<br>JOINTLY . . . . . 3<br>SOMEONE ELSE . . . . . 4<br>OTHER . . . . . 6<br>(SPECIFY) _____                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | → 820<br>→ 820 |     |    |                                              |                      |   |                                                           |                           |   |                                                           |                                      |   |                                                                              |                             |   |                                                                                                 |                                               |   |                                                                          |                                        |   |                                                                         |                                       |   |                                                                          |                                      |   |  |
| 819                                                                                             | When making this decision with your (husband/partner), would you say that your opinion is more important, equally important, or less important than your (husband's/partner's) opinion?                                     | MORE IMPORTANT . . . . . 1<br>EQUALLY IMPORTANT . . . . . 2<br>LESS IMPORTANT . . . . . 3                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                |     |    |                                              |                      |   |                                                           |                           |   |                                                           |                                      |   |                                                                              |                             |   |                                                                                                 |                                               |   |                                                                          |                                        |   |                                                                         |                                       |   |                                                                          |                                      |   |  |
| 820                                                                                             | Has your (husband/partner) or any other family member ever tried to force or pressure you to become pregnant when you did not want to become pregnant?                                                                      | YES . . . . . 1<br>NO . . . . . 2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                |     |    |                                              |                      |   |                                                           |                           |   |                                                           |                                      |   |                                                                              |                             |   |                                                                                                 |                                               |   |                                                                          |                                        |   |                                                                         |                                       |   |                                                                          |                                      |   |  |
| 821                                                                                             | CHECK 307:<br><div> <div>NOT ASKED <input type="checkbox"/></div> <div>NEITHER ARE <input type="checkbox"/><br/>STERILIZED</div> <div>HE OR SHE ARE <input type="checkbox"/><br/>STERILIZED</div> </div>                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | → 901          |     |    |                                              |                      |   |                                                           |                           |   |                                                           |                                      |   |                                                                              |                             |   |                                                                                                 |                                               |   |                                                                          |                                        |   |                                                                         |                                       |   |                                                                          |                                      |   |  |
| 822                                                                                             | Does your (husband/partner) want the same number of children that you want, or does he want more or fewer than you want?                                                                                                    | SAME NUMBER . . . . . 1<br>MORE CHILDREN . . . . . 2<br>FEWER CHILDREN . . . . . 3<br>DON'T KNOW . . . . . 8                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                |     |    |                                              |                      |   |                                                           |                           |   |                                                           |                                      |   |                                                                              |                             |   |                                                                                                 |                                               |   |                                                                          |                                        |   |                                                                         |                                       |   |                                                                          |                                      |   |  |

**SECTION 9. HUSBAND'S BACKGROUND AND WOMAN'S WORK**

| NO. | QUESTIONS AND FILTERS                                                                                                                                                                                                                                  | CODING CATEGORIES                                                                                                                                               | SKIP  |
|-----|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|
| 901 | CHECK 701:<br><br>CURRENTLY MARRIED/<br>LIVING WITH A MAN <input type="checkbox"/>                                                                                                                                                                     | NOT IN <input type="checkbox"/> UNION →                                                                                                                         | 909   |
| 902 | How old was your (husband/partner) on his last birthday?                                                                                                                                                                                               | AGE IN COMPLETED YEARS ..... <input type="text"/> <input type="text"/>                                                                                          |       |
| 903 | Did your (husband/partner) ever attend school?                                                                                                                                                                                                         | YES ..... 1<br>NO ..... 2                                                                                                                                       | → 906 |
| 904 | What was the highest level of school he attended: general education school, professional primary(uchiliche), professional middle(technikum, college), higher or postgraduate?                                                                          | GENERAL EDUCATION SCHOOL ..... 1<br>PROFESSIONAL PRIMARY ..... 2<br>PROFESSIONAL MIDDLE ..... 3<br>HIGHER ..... 4<br>POSTGRAGUATE ..... 5<br>DON'T KNOW ..... 8 | → 906 |
| 905 | What was the highest CLASS/COURSE/YEAR] he completed at that level?<br><br>IF COMPLETED LESS THAN ONE YEAR AT THAT LEVEL, RECORD '00'.                                                                                                                 | CLASS/COURSE/YEAR ..... <input type="text"/> <input type="text"/><br><br>DON'T KNOW ..... 98                                                                    |       |
| 906 | Has your (husband/partner) done any work in the last 7 days?                                                                                                                                                                                           | YES ..... 1<br>NO ..... 2<br>DON'T KNOW ..... 8                                                                                                                 | → 908 |
| 907 | Has your (husband/partner) done any work in the last 12 months?                                                                                                                                                                                        | YES ..... 1<br>NO ..... 2<br>DON'T KNOW ..... 8                                                                                                                 | → 909 |
| 908 | What is your (husband's/partner's) occupation? That is, what kind of work does he mainly do?                                                                                                                                                           | _____<br>_____<br>_____ <input type="text"/> <input type="text"/>                                                                                               |       |
| 909 | Aside from your own housework, have you done any work in the last 7 days?                                                                                                                                                                              | YES ..... 1<br>NO ..... 2                                                                                                                                       | → 913 |
| 910 | As you know, some women take up jobs for which they are paid in cash or kind. Others sell things, have a small business or work on the family farm or in the family business. In the last 7 days, have you done any of these things or any other work? | YES ..... 1<br>NO ..... 2                                                                                                                                       | → 913 |
| 911 | Although you did not work in the last 7 days, do you have any job or business from which you were absent for leave, illness, vacation, maternity leave, or any other such reason?                                                                      | YES ..... 1<br>NO ..... 2                                                                                                                                       | → 913 |
| 912 | Have you done any work in the last 12 months?                                                                                                                                                                                                          | YES ..... 1<br>NO ..... 2                                                                                                                                       | → 917 |
| 913 | What is your occupation? That is, what kind of work do you mainly do?                                                                                                                                                                                  | _____<br>_____<br>_____ <input type="text"/> <input type="text"/>                                                                                               |       |
| 914 | Do you do this work for a member of your family, for someone else, or are you self-employed?                                                                                                                                                           | FOR FAMILY MEMBER ..... 1<br>FOR SOMEONE ELSE ..... 2<br>SELF-EMPLOYED ..... 3                                                                                  |       |

**SECTION 9. HUSBAND'S BACKGROUND AND WOMAN'S WORK**

| NO. | QUESTIONS AND FILTERS                                                                                                                                                                                                                                                                                                                                   | CODING CATEGORIES                                                                                                                                                                                                         | SKIP  |
|-----|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|
| 915 | Do you usually work throughout the year, or do you work seasonally, or only once in a while?                                                                                                                                                                                                                                                            | THROUGHOUT THE YEAR ..... 1<br>SEASONALLY/PART OF THE YEAR ..... 2<br>ONCE IN A WHILE ..... 3                                                                                                                             |       |
| 916 | Are you paid in cash or kind for this work or are you not paid at all?                                                                                                                                                                                                                                                                                  | CASH ONLY ..... 1<br>CASH AND KIND ..... 2<br>IN KIND ONLY ..... 3<br>NOT PAID ..... 4                                                                                                                                    |       |
| 917 | CHECK 701:<br><br><div style="display: flex; justify-content: space-between; align-items: center;"> <div style="text-align: center;">                         CURRENTLY<br/>MARRIED/LIVING<br/>WITH A MAN <input type="checkbox"/> </div> <div style="text-align: center;">                         NOT IN UNION <input type="checkbox"/> </div> </div> |                                                                                                                                                                                                                           | → 925 |
| 918 | CHECK 916:<br><br><div style="display: flex; justify-content: space-between; align-items: center;"> <div style="text-align: center;">                         CODE '1' OR '2'<br/>CIRCLED <input type="checkbox"/> </div> <div style="text-align: center;">                         OTHER <input type="checkbox"/> </div> </div>                        |                                                                                                                                                                                                                           | → 921 |
| 919 | Who usually decides how the money you earn will be used: you, your (husband/partner), or you and your (husband/partner) jointly?                                                                                                                                                                                                                        | RESPONDENT ..... 1<br>HUSBAND/PARTNER ..... 2<br>RESPONDENT AND<br>HUSBAND/PARTNER JOINTLY ..... 3<br><br>OTHER ..... 6<br><div style="text-align: center;">(SPECIFY)</div>                                               |       |
| 920 | Would you say that the money that you earn is more than what your (husband/partner) earns, less than what he earns, or about the same?                                                                                                                                                                                                                  | MORE THAN HIM ..... 1<br>LESS THAN HIM ..... 2<br>ABOUT THE SAME ..... 3<br>HUSBAND/PARTNER HAS<br>NO EARNINGS ..... 4<br>DON'T KNOW ..... 8                                                                              | → 922 |
| 921 | Who usually decides how your (husband's/partner's) earnings will be used: you, your (husband/partner), or you and your (husband/partner) jointly?                                                                                                                                                                                                       | RESPONDENT ..... 1<br>HUSBAND/PARTNER ..... 2<br>RESPONDENT AND<br>HUSBAND/PARTNER JOINTLY ..... 3<br>HUSBAND/PARTNER HAS<br>NO EARNINGS ..... 4<br><br>OTHER ..... 6<br><div style="text-align: center;">(SPECIFY)</div> |       |
| 922 | Who usually makes decisions about health care for yourself: you, your (husband/partner), you and your (husband/partner) jointly, or someone else?                                                                                                                                                                                                       | RESPONDENT ..... 1<br>HUSBAND/PARTNER ..... 2<br>RESPONDENT AND<br>HUSBAND/PARTNER JOINTLY ..... 3<br>SOMEONE ELSE ..... 4<br>OTHER ..... 6                                                                               |       |
| 923 | Who usually makes decisions about making major household purchases?                                                                                                                                                                                                                                                                                     | RESPONDENT ..... 1<br>HUSBAND/PARTNER ..... 2<br>RESPONDENT AND<br>HUSBAND/PARTNER JOINTLY ..... 3<br>SOMEONE ELSE ..... 4<br>OTHER ..... 6                                                                               |       |
| 924 | Who usually makes decisions about visits to your family or relatives?                                                                                                                                                                                                                                                                                   | RESPONDENT ..... 1<br>HUSBAND/PARTNER ..... 2<br>RESPONDENT AND<br>HUSBAND/PARTNER JOINTLY ..... 3<br>SOMEONE ELSE ..... 4<br>OTHER ..... 6                                                                               |       |

**SECTION 9. HUSBAND'S BACKGROUND AND WOMAN'S WORK**

| NO.  | QUESTIONS AND FILTERS                                                                                                                                                                                                                                                                        | CODING CATEGORIES                                                                                                                                                                                                                                                | SKIP   |
|------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------|
| 925  | Do you own this or any other house either alone or jointly with someone else?                                                                                                                                                                                                                | ALONE ONLY ..... 01<br>JOINTLY WITH HUSBAND/PARTNER ONLY .. 02<br>JOINTLY WITH SOMEONE ELSE ONLY ..... 03<br>JOINTLY WITH HUSBAND/PARTNER<br>AND SOMEONE ELSE ..... 04<br>BOTH ALONE AND JOINTLY ..... 05<br>DOES NOT OWN ..... 06                               | → 930A |
| 926  | Do you have a title deed or other government recognized document for any house you own?                                                                                                                                                                                                      | YES ..... 1<br>NO ..... 2<br>DON'T KNOW ..... 8                                                                                                                                                                                                                  | → 930A |
| 927  | Is your name on this document?                                                                                                                                                                                                                                                               | YES ..... 1<br>NO ..... 2<br>DON'T KNOW ..... 8                                                                                                                                                                                                                  |        |
| 930A | Do you have an account in a bank or other financial institution that you yourself use?                                                                                                                                                                                                       | YES ..... 1<br>NO ..... 2                                                                                                                                                                                                                                        | → 930C |
| 930B | Did you yourself put money in or take money out of this account in the last 12 months?                                                                                                                                                                                                       | YES ..... 1<br>NO ..... 2                                                                                                                                                                                                                                        |        |
| 930C | In the last 12 months, have you used a mobile phone to make financial transactions such as sending or receiving money, paying bills, purchasing goods or services, or receiving wages?                                                                                                       | YES ..... 1<br>NO ..... 2                                                                                                                                                                                                                                        |        |
| 931  | PRESENCE OF OTHERS AT THIS POINT (PRESENT AND LISTENING, PRESENT BUT NOT LISTENING, OR NOT PRESENT)                                                                                                                                                                                          | <div> <div> PRES./<br/>LISTEN. </div> <div> PRES./<br/>NOT<br/>LISTEN. </div> <div> NOT<br/>PRES. </div> </div> CHILDREN < 10 ..... 1      2      3<br>HUSBAND ..... 1      2      3<br>OTHER MALES ..... 1      2      3<br>OTHER FEMALES ..... 1      2      3 |        |
| 932  | In your opinion, is a husband justified in hitting or beating his wife in the following situations:<br><br>a) If she goes out without telling him?<br>b) If she neglects the children?<br>c) If she argues with him?<br>d) If she refuses to have sex with him?<br>e) If she burns the food? | <div> YES NO DK </div> a) GOES OUT ..... 1      2      8<br>b) NEGLECTS CHILDREN .. 1      2      8<br>c) ARGUES ..... 1      2      8<br>d) REFUSES SEX ..... 1      2      8<br>e) BURNS FOOD ..... 1      2      8                                            |        |



SECTION 10. HIV/AIDS

| NO.  | QUESTIONS AND FILTERS                                                                                                                                                                                                                                    | CODING CATEGORIES                                                | SKIP   |
|------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------|--------|
| 1000 | Now I would like to talk about HIV and AIDS.                                                                                                                                                                                                             |                                                                  |        |
| 1001 | Have you ever heard of HIV or AIDS?                                                                                                                                                                                                                      | YES ..... 1<br>NO ..... 2                                        | → 1040 |
| 1002 | CHECK 111: AGE<br>15-24 YEARS <input type="checkbox"/><br>↓<br>25 YEARS OR OLDER <input type="checkbox"/>                                                                                                                                                |                                                                  | → 1008 |
| 1003 | HIV is the virus that can lead to AIDS. Can people reduce their chance of getting HIV by having just one uninfected sex partner who has no other sex partners?                                                                                           | YES ..... 1<br>NO ..... 2<br>DON'T KNOW ..... 8                  |        |
| 1004 | Can people get HIV from mosquito bites?                                                                                                                                                                                                                  | YES ..... 1<br>NO ..... 2<br>DON'T KNOW ..... 8                  |        |
| 1005 | Can people reduce their chance of getting HIV by using a condom every time they have sex?                                                                                                                                                                | YES ..... 1<br>NO ..... 2<br>DON'T KNOW ..... 8                  |        |
| 1006 | Can people get HIV by sharing food with a person who has HIV?                                                                                                                                                                                            | YES ..... 1<br>NO ..... 2<br>DON'T KNOW ..... 8                  |        |
| 1007 | Is it possible for a healthy-looking person to have HIV?                                                                                                                                                                                                 | YES ..... 1<br>NO ..... 2<br>DON'T KNOW ..... 8                  |        |
| 1008 | Have you heard of ARVs, that is, antiretroviral medicines that treat HIV?                                                                                                                                                                                | YES ..... 1<br>NO ..... 2                                        |        |
| 1009 | Are there any special medicines that a doctor or a nurse can give to a woman infected with HIV to reduce the risk of transmission to the baby?                                                                                                           | YES ..... 1<br>NO ..... 2<br>DON'T KNOW ..... 8                  |        |
| 1010 | Have you heard of PrEP, a medicine taken daily that can prevent a person from getting HIV?                                                                                                                                                               | YES ..... 1<br>NO ..... 2                                        | → 1012 |
| 1011 | Do you approve of people who take a pill every day to prevent getting HIV?                                                                                                                                                                               | YES ..... 1<br>NO ..... 2<br>DON'T KNOW/NOT SURE/DEPENDS ..... 8 |        |
| 1012 | CHECK 220 AND 223:<br><br>NO LIVE BIRTHS <input type="checkbox"/><br>→ 1024<br><br>LAST LIVE BIRTH 0-23 MONTHS BEFORE THE SURVEY <input type="checkbox"/><br>↓<br>LAST LIVE BIRTH 24 MONTHS OR MORE BEFORE THE SURVEY <input type="checkbox"/><br>→ 1024 |                                                                  |        |
| 1013 | CHECK 412 FOR LAST LIVE BIRTH ('TYPE 1'):<br><br>HAD ANTENATAL CARE <input type="checkbox"/><br>↓<br>NO ANTENATAL CARE <input type="checkbox"/><br>→ 1018                                                                                                |                                                                  |        |
| 1014 | <b>CHECK FOR PRESENCE OF OTHERS. BEFORE CONTINUING, MAKE EVERY EFFORT TO ENSURE PRIVACY.</b>                                                                                                                                                             |                                                                  |        |
| 1015 | Were you tested for HIV as part of your antenatal care while you were pregnant with (CHILD NAME)?                                                                                                                                                        | YES ..... 1<br>NO ..... 2                                        | → 1018 |

SECTION 10. HIV/AIDS

| NO.  | QUESTIONS AND FILTERS                                                                                                                                                                 | CODING CATEGORIES                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | SKIP   |
|------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------|
| 1016 | Where was the test done?<br><br>PROBE TO IDENTIFY THE TYPE OF SOURCE.<br>IF UNABLE TO DETERMINE IF PUBLIC, PRIVATE,<br>OR NGO SECTOR, RECORD '96' AND WRITE THE<br>NAME OF THE PLACE. | <b>PUBLIC SECTOR</b><br>GOVERNMENT HOSPITAL ..... 11<br>MATERNITY HOME ..... 12<br>URBAN/RAYON/RURAL HEALTH CENTER ..... 13<br>REPRODUCTIVE HEALTH CENTER ..... 14<br>HEALTH HOUSE ..... 15<br>INTEGRATED MANAGEMENT OF CHILDHOOD<br>ILLNESS CENTER ..... 16<br>IMMUNOPROPHYLAXIS CENTER ..... 17<br>AIDS CENTER ..... 18<br>MOBILE CLINIC OF AIDS CENTER ..... 19<br>HEALTHY LIFESTYLE CENTER ..... 20<br>FAMILY MEDICINE CENTER ..... 21<br>PATRONAGE MEDICAL WORKEF..... 22<br>OTHER PUBLIC SECTOR<br><br>_____ 26<br>(SPECIFY)<br><br><b>PRIVATE MEDICAL SECTOR</b><br>PRIVATE HOSPITAL ..... 31<br>PRIVATE CLINIC ..... 32<br>PRIVATE DOCTOR ..... 33<br>PRIVATE LABORATORY ..... 34<br>PHARMACY ..... 35<br>PATRONAGE MEDICAL WORKEF..... 36<br>OTHER PRIVATE MEDICAL SECTOR<br><br>_____ 37<br>(SPECIFY)<br><br><b>OTHER SOURCE</b><br>HOME ..... 41<br>WORKPLACE ..... 42<br>CORRECTIONAL FACILITY ..... 43<br><br>OTHER _____ 96<br>(SPECIFY) |        |
| 1017 | Did you get the results of the test?                                                                                                                                                  | YES ..... 1<br>NO ..... 2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |        |
| 1018 | CHECK 435 FOR LAST LIVE BIRTH ('TYPE 1'):<br><br>ANY CODE <input type="checkbox"/> OTHER <input type="checkbox"/> _____<br>'21-46' CIRCLED ↓                                          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | → 1021 |
| 1019 | Between the time you went for delivery but before the baby was born, were you tested for HIV?                                                                                         | YES ..... 1<br>NO ..... 2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | → 1021 |
| 1020 | Did you get the results of the test?                                                                                                                                                  | YES ..... 1<br>NO ..... 2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | → 1022 |
| 1021 | CHECK 1015:<br><br>YES <input type="checkbox"/> NO OR <input type="checkbox"/> _____<br>NOT ASKED                                                                                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | → 1024 |
| 1022 | Have you been tested for HIV since that time you were tested during your pregnancy?                                                                                                   | YES ..... 1<br>NO ..... 2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | → 1025 |

SECTION 10. HIV/AIDS

| NO.  | QUESTIONS AND FILTERS                                                                                                                                                                 | CODING CATEGORIES                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | SKIP                                                                                                                                                                                                                                      |
|------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1023 | In what month and year was your most recent HIV test?                                                                                                                                 | MONTH ..... <input type="text"/> <input type="text"/><br>DON'T KNOW MONTH ..... 98<br>YEAR ..... <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/><br>DON'T KNOW YEAR ..... 9998                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | <div style="border-left: 1px solid black; border-right: 1px solid black; height: 100px; position: relative;"> <div style="position: absolute; top: 0; right: 0; width: 20px; height: 20px; border: 1px solid black;"></div> </div> → 1028 |
| 1024 | Have you ever been tested for HIV?                                                                                                                                                    | YES ..... 1<br>NO ..... 2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | → 1032                                                                                                                                                                                                                                    |
| 1025 | In what month and year was your most recent HIV test?                                                                                                                                 | MONTH ..... <input type="text"/> <input type="text"/><br>DON'T KNOW MONTH ..... 98<br>YEAR ..... <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/><br>DON'T KNOW YEAR ..... 9998                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                                                                                                                                                                                                                           |
| 1026 | Where was the test done?<br><br>PROBE TO IDENTIFY THE TYPE OF SOURCE.<br>IF UNABLE TO DETERMINE IF PUBLIC, PRIVATE,<br>OR NGO SECTOR, RECORD '96' AND WRITE THE<br>NAME OF THE PLACE. | <b>PUBLIC SECTOR</b><br>GOVERNMENT HOSPITAL ..... 11<br>MATERNITY HOME ..... 12<br>URBAN/RAYON/RURAL HEALTH CENTER ..... 13<br>REPRODUCTIVE HEALTH CENTER ..... 14<br>HEALTH HOUSE ..... 15<br>INTEGRATED MANAGEMENT OF CHILDHOOD<br>ILLNESS CENTER ..... 16<br>IMMUNOPROPHYLAXIS CENTER ..... 17<br>AIDS CENTER ..... 18<br>MOBILE CLINIC OF AIDS CENTER ..... 19<br>HEALTHY LIFESTYLE CENTER ..... 20<br>FAMILY MEDICINE CENTER ..... 21<br>PATRONAGE MEDICAL WORKER ..... 22<br>OTHER PUBLIC SECTOR<br>..... 26<br>(SPECIFY)<br><b>PRIVATE MEDICAL SECTOR</b><br>PRIVATE HOSPITAL ..... 31<br>PRIVATE CLINIC ..... 32<br>PRIVATE DOCTOR ..... 33<br>PRIVATE LABORATORY ..... 34<br>PHARMACY ..... 35<br>PATRONAGE MEDICAL WORKER ..... 36<br>OTHER PRIVATE MEDICAL SECTOR<br>..... 37<br>(SPECIFY)<br><b>OTHER SOURCE</b><br>HOME ..... 41<br>WORKPLACE ..... 42<br>CORRECTIONAL FACILITY ..... 43<br>OTHER ..... 96<br>(SPECIFY) |                                                                                                                                                                                                                                           |
| 1027 | Did you get the results of the test?                                                                                                                                                  | YES ..... 1<br>NO ..... 2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | → 1031                                                                                                                                                                                                                                    |

SECTION 10. HIV/AIDS

| NO.  | QUESTIONS AND FILTERS                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | CODING CATEGORIES                                                                                                                                                                                                                                         | SKIP   |
|------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------|
| 1028 | What was the result of the test?                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | POSITIVE ..... 1<br>NEGATIVE ..... 2<br>INDETERMINATE ..... 3<br>DECLINED TO ANSWER ..... 4<br>DID NOT RECEIVE TEST RESULT ..... 5                                                                                                                        | → 1031 |
| 1029 | In what month and year did you receive your first HIV-positive test result?                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | MONTH ..... <input type="text"/> <input type="text"/><br>DON'T KNOW MONTH ..... 98<br>YEAR ..... <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/><br>DON'T KNOW YEAR ..... 9998<br>SAME DATE AS LAST HIV TEST ..... 95 |        |
| 1030 | Are you currently taking ARVs, that is antiretroviral medicines? By currently, I mean that you may have missed some doses but you are still taking ARVs.                                                                                                                                                                                                                                                                                                                                                                                                                   | YES ..... 1<br>NO ..... 2<br>DON'T KNOW ..... 8                                                                                                                                                                                                           |        |
| 1031 | How many times have you been tested for HIV in your lifetime?<br><br>IF NON-NUMERIC ANSWER, PROBE TO GET AN ESTIMATE, IF NUMBER OF TESTS IS 95 OR MORE, RECORD '95'                                                                                                                                                                                                                                                                                                                                                                                                        | NUMBER OF HIV TESTS ..... <input type="text"/> <input type="text"/>                                                                                                                                                                                       |        |
| 1032 | Have you heard of test kits people can use to test themselves for HIV?                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | YES ..... 1<br>NO ..... 2                                                                                                                                                                                                                                 | → 1034 |
| 1033 | Have you ever tested yourself for HIV using a self-test kit?                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | YES ..... 1<br>NO ..... 2                                                                                                                                                                                                                                 |        |
| 1034 | Would you buy fresh vegetables from a shopkeeper or vendor if you knew that this person had HIV?                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | YES ..... 1<br>NO ..... 2<br>DON'T KNOW/NOT SURE/DEPENDS ..... 8                                                                                                                                                                                          |        |
| 1035 | Do you think children living with HIV should be allowed to attend school with children who do not have HIV?                                                                                                                                                                                                                                                                                                                                                                                                                                                                | YES ..... 1<br>NO ..... 2<br>DON'T KNOW/NOT SURE/DEPENDS ..... 8                                                                                                                                                                                          |        |
| 1040 | CHECK 1001:<br><div style="display: flex; justify-content: space-between;"> <div style="width: 45%;">             HEARD ABOUT HIV OR AIDS <input type="checkbox"/><br/>             ↓<br/>             a) Apart from HIV, have you heard about other infections that can be transmitted through sexual contact?           </div> <div style="width: 45%;">             NOT HEARD ABOUT HIV OR AIDS <input type="checkbox"/><br/>             ↓<br/>             b) Have you heard about infections that can be transmitted through sexual contact?           </div> </div> | YES ..... 1<br>NO ..... 2                                                                                                                                                                                                                                 |        |
| 1041 | CHECK 722:<br><div style="display: flex; justify-content: space-around;"> <div style="text-align: center;">             HAS HAD SEXUAL INTERCOURSE <input type="checkbox"/><br/>             ↓           </div> <div style="text-align: center;">             NEVER HAD SEXUAL INTERCOURSE <input type="checkbox"/> </div> </div>                                                                                                                                                                                                                                          |                                                                                                                                                                                                                                                           | → 1046 |
| 1042 | CHECK 1040: HEARD ABOUT OTHER SEXUALLY TRANSMITTED INFECTIONS?<br><div style="display: flex; justify-content: space-around;"> <div style="text-align: center;">             YES <input type="checkbox"/><br/>             ↓           </div> <div style="text-align: center;">             NO <input type="checkbox"/> </div> </div>                                                                                                                                                                                                                                       |                                                                                                                                                                                                                                                           | → 1044 |

SECTION 10. HIV/AIDS

| NO.  | QUESTIONS AND FILTERS                                                                                                                                                       | CODING CATEGORIES                                     | SKIP |
|------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------|------|
| 1043 | Now I would like to ask you some questions about your health in the last 12 months. During the last 12 months, have you had a disease which you got through sexual contact? | YES ..... 1<br>NO ..... 2<br>DON'T KNOW ..... 8       |      |
| 1044 | Sometimes women experience a bad-smelling abnormal genital discharge. During the last 12 months, have you had a bad-smelling abnormal genital discharge?                    | YES ..... 1<br>NO ..... 2<br>DON'T KNOW ..... 8       |      |
| 1045 | Sometimes women have a genital sore or ulcer. During the last 12 months, have you had a genital sore or ulcer?                                                              | YES ..... 1<br>NO ..... 2<br>DON'T KNOW ..... 8       |      |
| 1046 | If a wife knows her husband has a disease that she can get during sexual intercourse, is she justified in asking that they use a condom when they have sex?                 | YES ..... 1<br>NO ..... 2<br>DON'T KNOW ..... 8       |      |
| 1047 | Is a wife justified in refusing to have sex with her husband when she knows he has sex with other women?                                                                    | YES ..... 1<br>NO ..... 2<br>DON'T KNOW ..... 8       |      |
| 1048 | CHECK 701:<br><br>CURRENTLY MARRIED/<br>LIVING WITH A MAN <input type="checkbox"/><br>NOT IN UNION <input type="checkbox"/> → 1101                                          |                                                       |      |
| 1049 | Can you say no to your (husband/partner) if you do not want to have sexual intercourse?                                                                                     | YES ..... 1<br>NO ..... 2<br>DEPENDS/NOT SURE ..... 8 |      |
| 1050 | Could you ask your (husband/partner) to use a condom if you wanted him to?                                                                                                  | YES ..... 1<br>NO ..... 2<br>DEPENDS/NOT SURE ..... 8 |      |

SECTION 11. OTHER HEALTH ISSUES

| NO.  | QUESTIONS AND FILTERS                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | CODING CATEGORIES                                                                                                                                                                                                                                                                                                                   | SKIP   |  |  |  |
|------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------|--|--|--|
| 1101 | How long does it take in minutes to go from your home to the nearest healthcare facility, which could be a hospital, a health clinic, a medical doctor, or a health post?                                                                                                                                                                                                                                                                                                                                                                                                                                                      | MINUTES ..... <table border="1" style="display: inline-table; vertical-align: middle;"><tr><td style="width: 20px; height: 20px;"></td><td style="width: 20px; height: 20px;"></td><td style="width: 20px; height: 20px;"></td></tr></table>                                                                                        |        |  |  |  |
|      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                                                                                                                                                                                                                                                     |        |  |  |  |
| 1102 | How do you travel to this healthcare facility from your home?<br><br>IF MORE THAN ONE WAY OF TRAVEL IS MENTIONED, RECORD THE ONE HIGHEST ON THE LIST.                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | <b>MOTORIZED</b><br>CAR/TRUCK ..... 01<br>PUBLIC BUS ..... 02<br>MOTORCYCLE/SCOOTER ..... 03<br>BOAT WITH MOTOR ..... 04<br><br><b>NOT MOTORIZED</b><br>ANIMAL-DRAWN CART ..... 05<br>BICYCLE ..... 06<br>BOAT WITHOUT MOTOR ..... 07<br>WALKING ..... 08<br><br>OTHER ..... 96<br><div style="text-align: center;">(SPECIFY)</div> |        |  |  |  |
| CD01 | Have you ever had your blood pressure measured by a doctor or other healthcare worker?                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | YES ..... 1<br>NO ..... 2<br>DON'T KNOW ..... 8                                                                                                                                                                                                                                                                                     |        |  |  |  |
| CD02 | Have you ever been told by a doctor or other healthcare worker that you have high blood pressure or hypertension?                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | YES ..... 1<br>NO ..... 2                                                                                                                                                                                                                                                                                                           | → CD06 |  |  |  |
| CD03 | In the past 3 years, have you been told by a doctor or other healthcare worker that you have high blood pressure or hypertension?                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | YES ..... 1<br>NO ..... 2                                                                                                                                                                                                                                                                                                           |        |  |  |  |
| CD06 | Have you ever had your blood sugar measured by a doctor or other healthcare worker?                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | YES ..... 1<br>NO ..... 2<br>DON'T KNOW ..... 8                                                                                                                                                                                                                                                                                     |        |  |  |  |
| CD07 | Have you ever been told by a doctor or other healthcare worker that you have high blood sugar or diabetes?                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | YES ..... 1<br>NO ..... 2                                                                                                                                                                                                                                                                                                           | → 1103 |  |  |  |
| CD08 | In the past 3 years, have you been told by a doctor or other healthcare worker that you have high blood sugar or diabetes?                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | YES ..... 1<br>NO ..... 2                                                                                                                                                                                                                                                                                                           |        |  |  |  |
| 1103 | Has a doctor or other healthcare provider examined your breasts to check for breast cancer?                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | YES ..... 1<br>NO ..... 2<br>DON'T KNOW ..... 8                                                                                                                                                                                                                                                                                     |        |  |  |  |
| 1104 | Now I'm going to ask you about tests a healthcare worker can do to check for cervical cancer, which is cancer in the cervix. The cervix connects the womb to the vagina. To be checked for cervical cancer, a woman is asked to lie on her back with her legs apart. Then the healthcare worker will use a brush or swab to collect a sample from inside her. The sample is sent to a laboratory for testing. This test is called a Pap smear or HPV test. Another method is called a VIA or Visual Inspection with Acetic Acid. In this test, the healthcare worker puts vinegar on the cervix to see if there is a reaction. |                                                                                                                                                                                                                                                                                                                                     |        |  |  |  |
| 1105 | Has a doctor or other healthcare worker ever tested you for cervical cancer?                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | YES ..... 1<br>NO ..... 2<br>DON'T KNOW ..... 8                                                                                                                                                                                                                                                                                     |        |  |  |  |
| 1106 | Now I would like to ask you some questions on smoking and tobacco use. Do you currently smoke cigarettes every day, some days, or not at all?                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | EVERY DAY ..... 1<br>SOME DAYS ..... 2<br>NOT AT ALL ..... 3                                                                                                                                                                                                                                                                        | → 1108 |  |  |  |

SECTION 11. OTHER HEALTH ISSUES

| NO.                 | QUESTIONS AND FILTERS                                                                                                                                                                                                                                                                                                                                                                                         | CODING CATEGORIES                                                                                                                                                                                                                                                                                                                                                                                                | SKIP   |                |                      |                     |         |         |                  |         |         |             |         |         |             |         |         |  |
|---------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------|----------------|----------------------|---------------------|---------|---------|------------------|---------|---------|-------------|---------|---------|-------------|---------|---------|--|
| 1107                | On average, how many cigarettes do you currently smoke each day?                                                                                                                                                                                                                                                                                                                                              | NUMBER OF CIGARETTES ..... <input type="text"/> <input type="text"/>                                                                                                                                                                                                                                                                                                                                             |        |                |                      |                     |         |         |                  |         |         |             |         |         |             |         |         |  |
| 1108                | Do you currently smoke or use any other type of tobacco every day, some days, or not at all?                                                                                                                                                                                                                                                                                                                  | EVERY DAY ..... 1<br>SOME DAYS ..... 2<br>NOT AT ALL ..... 3                                                                                                                                                                                                                                                                                                                                                     | → 1110 |                |                      |                     |         |         |                  |         |         |             |         |         |             |         |         |  |
| 1109                | What other type of tobacco do you currently smoke or use?<br><br>RECORD ALL MENTIONED.                                                                                                                                                                                                                                                                                                                        | PIPES FULL OF TOBACCO ..... B<br>CIGARS, CHEROOTS, OR CIGARILLOS ..... C<br>WATER PIPE ..... D<br>NAS BY MOUTH ..... E<br>NAS BY NOSE ..... F<br>CHEWING TOBACCO ..... G<br><br>OTHER ..... X<br>(SPECIFY)                                                                                                                                                                                                       |        |                |                      |                     |         |         |                  |         |         |             |         |         |             |         |         |  |
| 1110                | Now I would like to ask you some questions about drinking alcohol. Have you ever consumed any alcohol, such as beer, wine, spirits?                                                                                                                                                                                                                                                                           | YES ..... 1<br>NO ..... 2                                                                                                                                                                                                                                                                                                                                                                                        | → 1113 |                |                      |                     |         |         |                  |         |         |             |         |         |             |         |         |  |
| 1111                | During the last one month, on how many days did you have an alcoholic drink?<br><br>IF NON-NUMERIC ANSWER, PROBE TO GET AN ESTIMATE. IF RESPONDENT ANSWERS 'EVERY DAY' OR 'ALMOST EVERY DAY,' CODE '95'.                                                                                                                                                                                                      | DID NOT DRINK ALCOHOL ..... 00<br><br>NUMBER OF DAYS ..... <input type="text"/> <input type="text"/><br><br>EVERY DAY/ALMOST EVERY DAY ..... 95                                                                                                                                                                                                                                                                  | → 1113 |                |                      |                     |         |         |                  |         |         |             |         |         |             |         |         |  |
| 1112                | We count one drink of alcohol as one can or bottle of beer, one glass of wine, one shot of spirit. In the last one month, on the days that you drank alcohol, how many drinks did you usually have per day?<br><br>SHOW PICTURES OF SIZES OF STANDARD DRINKS.                                                                                                                                                 | LESS THAN ONE STANDARD DRINK ..... 00<br><br>NUMBER OF DRINKS ..... <input type="text"/> <input type="text"/>                                                                                                                                                                                                                                                                                                    |        |                |                      |                     |         |         |                  |         |         |             |         |         |             |         |         |  |
| 1113                | Many different factors can prevent women from getting medical advice or treatment for themselves. When you are sick and want to get medical advice or treatment, is each of the following a big problem or not a big problem:<br><br>a) Getting permission to go to the doctor?<br>b) Getting money needed for advice or treatment?<br>c) The distance to the health facility?<br>d) Not wanting to go alone? | <table border="0"> <thead> <tr> <th></th><th>BIG<br/>PROBLEM</th><th>NOT A BIG<br/>PROBLEM</th></tr> </thead> <tbody> <tr> <td>a) PERMISSION TO GO</td><td>..... 1</td><td>..... 2</td></tr> <tr> <td>b) GETTING MONEY</td><td>..... 1</td><td>..... 2</td></tr> <tr> <td>c) DISTANCE</td><td>..... 1</td><td>..... 2</td></tr> <tr> <td>d) GO ALONE</td><td>..... 1</td><td>..... 2</td></tr> </tbody> </table> |        | BIG<br>PROBLEM | NOT A BIG<br>PROBLEM | a) PERMISSION TO GO | ..... 1 | ..... 2 | b) GETTING MONEY | ..... 1 | ..... 2 | c) DISTANCE | ..... 1 | ..... 2 | d) GO ALONE | ..... 1 | ..... 2 |  |
|                     | BIG<br>PROBLEM                                                                                                                                                                                                                                                                                                                                                                                                | NOT A BIG<br>PROBLEM                                                                                                                                                                                                                                                                                                                                                                                             |        |                |                      |                     |         |         |                  |         |         |             |         |         |             |         |         |  |
| a) PERMISSION TO GO | ..... 1                                                                                                                                                                                                                                                                                                                                                                                                       | ..... 2                                                                                                                                                                                                                                                                                                                                                                                                          |        |                |                      |                     |         |         |                  |         |         |             |         |         |             |         |         |  |
| b) GETTING MONEY    | ..... 1                                                                                                                                                                                                                                                                                                                                                                                                       | ..... 2                                                                                                                                                                                                                                                                                                                                                                                                          |        |                |                      |                     |         |         |                  |         |         |             |         |         |             |         |         |  |
| c) DISTANCE         | ..... 1                                                                                                                                                                                                                                                                                                                                                                                                       | ..... 2                                                                                                                                                                                                                                                                                                                                                                                                          |        |                |                      |                     |         |         |                  |         |         |             |         |         |             |         |         |  |
| d) GO ALONE         | ..... 1                                                                                                                                                                                                                                                                                                                                                                                                       | ..... 2                                                                                                                                                                                                                                                                                                                                                                                                          |        |                |                      |                     |         |         |                  |         |         |             |         |         |             |         |         |  |

**DOMESTIC VIOLENCE MODULE**

| NO.                                                                    | QUESTIONS AND FILTERS                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | CODING CATEGORIES                    | SKIP         |            |                       |            |                       |                                                                    |                 |   |   |   |   |                                                          |                 |   |   |   |   |                                                              |                 |   |   |   |   |                                                             |                 |   |   |   |   |                                                                        |                 |   |   |   |   |  |  |
|------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------|--------------|------------|-----------------------|------------|-----------------------|--------------------------------------------------------------------|-----------------|---|---|---|---|----------------------------------------------------------|-----------------|---|---|---|---|--------------------------------------------------------------|-----------------|---|---|---|---|-------------------------------------------------------------|-----------------|---|---|---|---|------------------------------------------------------------------------|-----------------|---|---|---|---|--|--|
| DV00                                                                   | <p>CHECK COVER PAGE: WOMAN SELECTED FOR DV MODULE?</p> <p>WOMAN SELECTED FOR THIS SECTION <input type="checkbox"/> →</p> <p>WOMAN NOT SELECTED <input type="checkbox"/> →</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                      | DV38         |            |                       |            |                       |                                                                    |                 |   |   |   |   |                                                          |                 |   |   |   |   |                                                              |                 |   |   |   |   |                                                             |                 |   |   |   |   |                                                                        |                 |   |   |   |   |  |  |
| DV01                                                                   | <p>CHECK FOR PRESENCE OF OTHERS:<br/>DO NOT CONTINUE UNTIL PRIVACY IS ENSURED.</p> <p>PRIVACY OBTAINED ..... 1 ↓</p> <p>PRIVACY NOT POSSIBLE ..... 2 →</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                      | DV37         |            |                       |            |                       |                                                                    |                 |   |   |   |   |                                                          |                 |   |   |   |   |                                                              |                 |   |   |   |   |                                                             |                 |   |   |   |   |                                                                        |                 |   |   |   |   |  |  |
| DV02                                                                   | <p>Now I would like to ask you questions about some other important aspects of a woman's life. You may find some of these questions very personal. However, your answers are crucial for helping to understand the condition of women in [COUNTRY]. Let me assure you that your answers are completely confidential and will not be told to anyone and no one else in your household will know that you were asked these questions. If I ask you any question you don't want to answer, just let me know and I will go on to the next question.</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                      |              |            |                       |            |                       |                                                                    |                 |   |   |   |   |                                                          |                 |   |   |   |   |                                                              |                 |   |   |   |   |                                                             |                 |   |   |   |   |                                                                        |                 |   |   |   |   |  |  |
| DV03                                                                   | <p>CHECK 701 AND 702:</p> <p>NEVER MARRIED/<br/>NEVER LIVED WITH A MAN <input type="checkbox"/> ↓</p> <p>CURRENTLY MARRIED/<br/>LIVING WITH A MAN <input type="checkbox"/> →</p> <p>FORMERLY MARRIED/<br/>LIVED WITH A MAN (READ IN PAST TENSE AND USE 'LAST' WITH 'HUSBAND/ MALE PARTNER') <input type="checkbox"/> →</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                      | DV06<br>DV06 |            |                       |            |                       |                                                                    |                 |   |   |   |   |                                                          |                 |   |   |   |   |                                                              |                 |   |   |   |   |                                                             |                 |   |   |   |   |                                                                        |                 |   |   |   |   |  |  |
| DV04                                                                   | <p>You have said that you are not married and are not living with a man as if married. Are you currently in an intimate relationship with a man even though you are not living with him?</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | <p>YES ..... 1</p> <p>NO ..... 2</p> | → DV06       |            |                       |            |                       |                                                                    |                 |   |   |   |   |                                                          |                 |   |   |   |   |                                                              |                 |   |   |   |   |                                                             |                 |   |   |   |   |                                                                        |                 |   |   |   |   |  |  |
| DV05                                                                   | <p>Have you ever been in an intimate relationship with a man even though you did not ever live with him?</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | <p>YES ..... 1</p> <p>NO ..... 2</p> | → DV19       |            |                       |            |                       |                                                                    |                 |   |   |   |   |                                                          |                 |   |   |   |   |                                                              |                 |   |   |   |   |                                                             |                 |   |   |   |   |                                                                        |                 |   |   |   |   |  |  |
| DV06                                                                   | <p>Now, I am going to ask you about some situations that can happen between some women and their (husband/male partner).</p> <p>A. Please tell me if these descriptions apply to your relationship with your (last) (husband/male partner).</p> <p>B. How often did this happen during the last 12 months: often, only sometimes, or not at all?</p> <table border="1"> <thead> <tr> <th></th><th>EVER</th><th></th><th>OFTEN</th><th>SOME-TIMES</th><th>NOT IN LAST 12 MONTHS</th></tr> </thead> <tbody> <tr> <td>a) He (is/was) jealous or angry if you (talk/talked) to other men?</td><td>YES 1<br/>NO 2 ↓</td><td>→</td><td>1</td><td>2</td><td>3</td></tr> <tr> <td>b) He wrongly (accuses/accused) you of being unfaithful?</td><td>YES 1<br/>NO 2 ↓</td><td>→</td><td>1</td><td>2</td><td>3</td></tr> <tr> <td>c) He (does/did) not permit you to meet your female friends?</td><td>YES 1<br/>NO 2 ↓</td><td>→</td><td>1</td><td>2</td><td>3</td></tr> <tr> <td>d) He (tries/tried) to limit your contact with your family?</td><td>YES 1<br/>NO 2 ↓</td><td>→</td><td>1</td><td>2</td><td>3</td></tr> <tr> <td>e) He (insists/insisted) on knowing where you (are/were) at all times?</td><td>YES 1<br/>NO 2 ↓</td><td>→</td><td>1</td><td>2</td><td>3</td></tr> </tbody> </table> |                                      | EVER         |            | OFTEN                 | SOME-TIMES | NOT IN LAST 12 MONTHS | a) He (is/was) jealous or angry if you (talk/talked) to other men? | YES 1<br>NO 2 ↓ | → | 1 | 2 | 3 | b) He wrongly (accuses/accused) you of being unfaithful? | YES 1<br>NO 2 ↓ | → | 1 | 2 | 3 | c) He (does/did) not permit you to meet your female friends? | YES 1<br>NO 2 ↓ | → | 1 | 2 | 3 | d) He (tries/tried) to limit your contact with your family? | YES 1<br>NO 2 ↓ | → | 1 | 2 | 3 | e) He (insists/insisted) on knowing where you (are/were) at all times? | YES 1<br>NO 2 ↓ | → | 1 | 2 | 3 |  |  |
|                                                                        | EVER                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                      | OFTEN        | SOME-TIMES | NOT IN LAST 12 MONTHS |            |                       |                                                                    |                 |   |   |   |   |                                                          |                 |   |   |   |   |                                                              |                 |   |   |   |   |                                                             |                 |   |   |   |   |                                                                        |                 |   |   |   |   |  |  |
| a) He (is/was) jealous or angry if you (talk/talked) to other men?     | YES 1<br>NO 2 ↓                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | →                                    | 1            | 2          | 3                     |            |                       |                                                                    |                 |   |   |   |   |                                                          |                 |   |   |   |   |                                                              |                 |   |   |   |   |                                                             |                 |   |   |   |   |                                                                        |                 |   |   |   |   |  |  |
| b) He wrongly (accuses/accused) you of being unfaithful?               | YES 1<br>NO 2 ↓                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | →                                    | 1            | 2          | 3                     |            |                       |                                                                    |                 |   |   |   |   |                                                          |                 |   |   |   |   |                                                              |                 |   |   |   |   |                                                             |                 |   |   |   |   |                                                                        |                 |   |   |   |   |  |  |
| c) He (does/did) not permit you to meet your female friends?           | YES 1<br>NO 2 ↓                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | →                                    | 1            | 2          | 3                     |            |                       |                                                                    |                 |   |   |   |   |                                                          |                 |   |   |   |   |                                                              |                 |   |   |   |   |                                                             |                 |   |   |   |   |                                                                        |                 |   |   |   |   |  |  |
| d) He (tries/tried) to limit your contact with your family?            | YES 1<br>NO 2 ↓                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | →                                    | 1            | 2          | 3                     |            |                       |                                                                    |                 |   |   |   |   |                                                          |                 |   |   |   |   |                                                              |                 |   |   |   |   |                                                             |                 |   |   |   |   |                                                                        |                 |   |   |   |   |  |  |
| e) He (insists/insisted) on knowing where you (are/were) at all times? | YES 1<br>NO 2 ↓                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | →                                    | 1            | 2          | 3                     |            |                       |                                                                    |                 |   |   |   |   |                                                          |                 |   |   |   |   |                                                              |                 |   |   |   |   |                                                             |                 |   |   |   |   |                                                                        |                 |   |   |   |   |  |  |



**DOMESTIC VIOLENCE MODULE**

| NO.  | QUESTIONS AND FILTERS                                                                                                                                                | CODING CATEGORIES                                                                                    |       |            |                       | SKIP |
|------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------|-------|------------|-----------------------|------|
| DV07 | <p>Now I need to ask some more questions about your relationship with your (last) (husband/male partner).</p> <p>A. Did your (last) (husband/male partner) ever:</p> | <p>B. How often did this happen during the last 12 months: often, only sometimes, or not at all?</p> |       |            |                       |      |
|      |                                                                                                                                                                      | EVER                                                                                                 | OFTEN | SOME-TIMES | NOT IN LAST 12 MONTHS |      |
|      | a) say or do something to humiliate you in front of others?                                                                                                          | YES 1<br>NO 2                                                                                        | → 1   | 2          | 3                     |      |
|      | b) threaten to hurt or harm you or someone you care about?                                                                                                           | YES 1<br>NO 2                                                                                        | → 1   | 2          | 3                     |      |
|      | c) insult you or make you feel bad about yourself?                                                                                                                   | YES 1<br>NO 2                                                                                        | → 1   | 2          | 3                     |      |
| DV08 | <p>A. Did your (last) (husband/male partner) ever do any of the following things to you:</p>                                                                         | <p>B. How often did this happen during the last 12 months: often, only sometimes, or not at all?</p> |       |            |                       |      |
|      |                                                                                                                                                                      | EVER                                                                                                 | OFTEN | SOME-TIMES | NOT IN LAST 12 MONTHS |      |
|      | a) push you, shake you, or throw something at you?                                                                                                                   | YES 1<br>NO 2                                                                                        | → 1   | 2          | 3                     |      |
|      | b) slap you?                                                                                                                                                         | YES 1<br>NO 2                                                                                        | → 1   | 2          | 3                     |      |
|      | c) twist your arm or pull your hair?                                                                                                                                 | YES 1<br>NO 2                                                                                        | → 1   | 2          | 3                     |      |
|      | d) punch you with his fist or with something that could hurt you?                                                                                                    | YES 1<br>NO 2                                                                                        | → 1   | 2          | 3                     |      |
|      | e) kick you, drag you, or beat you up?                                                                                                                               | YES 1<br>NO 2                                                                                        | → 1   | 2          | 3                     |      |
|      | f) try to choke you or burn you on purpose?                                                                                                                          | YES 1<br>NO 2                                                                                        | → 1   | 2          | 3                     |      |
|      | g) attack you with a knife, gun, or other weapon?                                                                                                                    | YES 1<br>NO 2                                                                                        | → 1   | 2          | 3                     |      |
|      | h) physically force you to have sexual intercourse with him when you did not want to?                                                                                | YES 1<br>NO 2                                                                                        | → 1   | 2          | 3                     |      |
|      | i) physically force you to perform any other sexual acts you did not want to?                                                                                        | YES 1<br>NO 2                                                                                        | → 1   | 2          | 3                     |      |
|      | j) force you with threats or in any other way to perform sexual acts you did not want to?                                                                            | YES 1<br>NO 2                                                                                        | → 1   | 2          | 3                     |      |
| DV09 | <p>CHECK DV08A (a-j):</p> <p align="center">AT LEAST ONE <input type="checkbox"/> 'YES' ↓</p>                                                                        | <p align="center">NOT A SINGLE <input type="checkbox"/> 'YES' →</p>                                  |       |            |                       | DV11 |

**DOMESTIC VIOLENCE MODULE**

| NO.                                                                                                                                                                                                                               | QUESTIONS AND FILTERS                                                                                                                                                                                                                                                                                | CODING CATEGORIES                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | SKIP           |                   |                |                |                                                            |  |  |  |                                                                                                                                                                |     |   |   |                                                                                                                                                                                                  |     |   |   |                                                                                                                                                                                                                                   |     |   |   |  |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------|-------------------|----------------|----------------|------------------------------------------------------------|--|--|--|----------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|---|---|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|---|---|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|---|---|--|
| DV10                                                                                                                                                                                                                              | Did the following ever happen as a result of what your (last) (husband/male partner) did to you:<br><br>a) You had cuts, bruises, or aches?<br><br>b) You had eye injuries, sprains, dislocations, or burns?<br><br>c) You had deep wounds, broken bones, broken teeth, or any other serious injury? | YES ..... 1<br>NO ..... 2<br><br>YES ..... 1<br>NO ..... 2<br><br>YES ..... 1<br>NO ..... 2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                |                   |                |                |                                                            |  |  |  |                                                                                                                                                                |     |   |   |                                                                                                                                                                                                  |     |   |   |                                                                                                                                                                                                                                   |     |   |   |  |
| DV11                                                                                                                                                                                                                              | Have you ever hit, slapped, kicked, or done anything else to physically hurt your (last) (husband/male partner) at times when he was not already beating or physically hurting you?                                                                                                                  | YES ..... 1<br>NO ..... 2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | → DV13         |                   |                |                |                                                            |  |  |  |                                                                                                                                                                |     |   |   |                                                                                                                                                                                                  |     |   |   |                                                                                                                                                                                                                                   |     |   |   |  |
| DV12                                                                                                                                                                                                                              | In the last 12 months, how often have you done this to your (last) (husband/male partner): often, only sometimes, or not at all?                                                                                                                                                                     | OFTEN ..... 1<br>SOMETIMES ..... 2<br>NOT AT ALL ..... 3                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                |                   |                |                |                                                            |  |  |  |                                                                                                                                                                |     |   |   |                                                                                                                                                                                                  |     |   |   |                                                                                                                                                                                                                                   |     |   |   |  |
| DV13                                                                                                                                                                                                                              | Did your (last) (husband/male partner) drink alcohol?                                                                                                                                                                                                                                                | YES ..... 1<br>NO ..... 2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | → DV15         |                   |                |                |                                                            |  |  |  |                                                                                                                                                                |     |   |   |                                                                                                                                                                                                  |     |   |   |                                                                                                                                                                                                                                   |     |   |   |  |
| DV14                                                                                                                                                                                                                              | How often did he get drunk: often, only sometimes, or never?                                                                                                                                                                                                                                         | OFTEN ..... 1<br>SOMETIMES ..... 2<br>NEVER ..... 3                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                |                   |                |                |                                                            |  |  |  |                                                                                                                                                                |     |   |   |                                                                                                                                                                                                  |     |   |   |                                                                                                                                                                                                                                   |     |   |   |  |
| DV15                                                                                                                                                                                                                              | Were you afraid of your (last) (husband/male partner): most of the time, sometimes, or never?                                                                                                                                                                                                        | MOST OF THE TIME AFRAID ..... 1<br>SOMETIMES AFRAID ..... 2<br>NEVER AFRAID ..... 3                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                |                   |                |                |                                                            |  |  |  |                                                                                                                                                                |     |   |   |                                                                                                                                                                                                  |     |   |   |                                                                                                                                                                                                                                   |     |   |   |  |
| DV16                                                                                                                                                                                                                              | A. So far we have been talking about the behavior of your (current/last) (husband/male partner). Now I want to ask you about the behavior of any previous husband or any other current or previous male partner that you may have ever had.                                                          | B. How long ago did this last happen?                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                |                   |                |                |                                                            |  |  |  |                                                                                                                                                                |     |   |   |                                                                                                                                                                                                  |     |   |   |                                                                                                                                                                                                                                   |     |   |   |  |
|                                                                                                                                                                                                                                   |                                                                                                                                                                                                                                                                                                      | <table border="1"> <thead> <tr> <th>EVER</th><th>0 - 11 MONTHS AGO</th><th>12+ MONTHS AGO</th><th>DON'T REMEMBER</th></tr> </thead> <tbody> <tr> <td colspan="4">HAS NEVER HAD ANOTHER HUSBAND/ MALE PARTNER ..... 6 → DV17</td> </tr> <tr> <td>a) Did any previous husband or any other current or previous male partner ever hit, slap, kick, or do anything else to hurt you physically?<br/>YES 1<br/>NO 2 ↓</td><td>→ 1</td><td>2</td><td>3</td></tr> <tr> <td>b) Did any previous husband or any other current or previous male partner physically force you to have intercourse or perform any other sexual acts that you did not want to?<br/>YES 1<br/>NO 2 ↓</td><td>→ 1</td><td>2</td><td>3</td></tr> <tr> <td>c) Did any previous husband or any other current or previous male partner humiliate you in front of others, threaten to hurt you or someone you care about, or insult you or make you feel bad about yourself?<br/>YES 1<br/>NO 2 ↓</td><td>→ 1</td><td>2</td><td>3</td></tr> </tbody> </table> | EVER           | 0 - 11 MONTHS AGO | 12+ MONTHS AGO | DON'T REMEMBER | HAS NEVER HAD ANOTHER HUSBAND/ MALE PARTNER ..... 6 → DV17 |  |  |  | a) Did any previous husband or any other current or previous male partner ever hit, slap, kick, or do anything else to hurt you physically?<br>YES 1<br>NO 2 ↓ | → 1 | 2 | 3 | b) Did any previous husband or any other current or previous male partner physically force you to have intercourse or perform any other sexual acts that you did not want to?<br>YES 1<br>NO 2 ↓ | → 1 | 2 | 3 | c) Did any previous husband or any other current or previous male partner humiliate you in front of others, threaten to hurt you or someone you care about, or insult you or make you feel bad about yourself?<br>YES 1<br>NO 2 ↓ | → 1 | 2 | 3 |  |
| EVER                                                                                                                                                                                                                              | 0 - 11 MONTHS AGO                                                                                                                                                                                                                                                                                    | 12+ MONTHS AGO                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | DON'T REMEMBER |                   |                |                |                                                            |  |  |  |                                                                                                                                                                |     |   |   |                                                                                                                                                                                                  |     |   |   |                                                                                                                                                                                                                                   |     |   |   |  |
| HAS NEVER HAD ANOTHER HUSBAND/ MALE PARTNER ..... 6 → DV17                                                                                                                                                                        |                                                                                                                                                                                                                                                                                                      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                |                   |                |                |                                                            |  |  |  |                                                                                                                                                                |     |   |   |                                                                                                                                                                                                  |     |   |   |                                                                                                                                                                                                                                   |     |   |   |  |
| a) Did any previous husband or any other current or previous male partner ever hit, slap, kick, or do anything else to hurt you physically?<br>YES 1<br>NO 2 ↓                                                                    | → 1                                                                                                                                                                                                                                                                                                  | 2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 3              |                   |                |                |                                                            |  |  |  |                                                                                                                                                                |     |   |   |                                                                                                                                                                                                  |     |   |   |                                                                                                                                                                                                                                   |     |   |   |  |
| b) Did any previous husband or any other current or previous male partner physically force you to have intercourse or perform any other sexual acts that you did not want to?<br>YES 1<br>NO 2 ↓                                  | → 1                                                                                                                                                                                                                                                                                                  | 2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 3              |                   |                |                |                                                            |  |  |  |                                                                                                                                                                |     |   |   |                                                                                                                                                                                                  |     |   |   |                                                                                                                                                                                                                                   |     |   |   |  |
| c) Did any previous husband or any other current or previous male partner humiliate you in front of others, threaten to hurt you or someone you care about, or insult you or make you feel bad about yourself?<br>YES 1<br>NO 2 ↓ | → 1                                                                                                                                                                                                                                                                                                  | 2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 3              |                   |                |                |                                                            |  |  |  |                                                                                                                                                                |     |   |   |                                                                                                                                                                                                  |     |   |   |                                                                                                                                                                                                                                   |     |   |   |  |
| DV17                                                                                                                                                                                                                              | CHECK DV08A (h-j) AND DV16A (b):<br><br>AT LEAST ONE <input type="checkbox"/> 'YES' ↓<br><br>NOT A SINGLE <input type="checkbox"/> YES →                                                                                                                                                             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | → DV19         |                   |                |                |                                                            |  |  |  |                                                                                                                                                                |     |   |   |                                                                                                                                                                                                  |     |   |   |                                                                                                                                                                                                                                   |     |   |   |  |

**DOMESTIC VIOLENCE MODULE**

| NO.  | QUESTIONS AND FILTERS                                                                                                                                                                                                                                                                                                                                                                               | CODING CATEGORIES                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | SKIP |
|------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|
| DV18 | How old were you the first time you were forced to have sexual intercourse or perform any other sexual acts that you did not want to by any current or previous husband or male partner?                                                                                                                                                                                                            | AGE IN COMPLETED YEARS ..... <input type="text"/> <input type="text"/><br>DON'T KNOW ..... 98                                                                                                                                                                                                                                                                                                                                                                                                |      |
| DV19 | CHECK 212 AND 232:<br><br>CURRENTLY PREGNANT<br>232=1 OR <input type="checkbox"/><br>HAD ONE OR MORE PAST PREGNANCIES<br>212>0 ↓                                                                                                                                                                                                                                                                    | NOT PREGNANT<br>232=2 AND <input type="checkbox"/><br>NO PAST PREGNANCIES<br>212=0<br>→ DV22                                                                                                                                                                                                                                                                                                                                                                                                 |      |
| DV20 | Has any one ever hit, slapped, kicked, or done anything else to hurt you physically while you were pregnant?                                                                                                                                                                                                                                                                                        | YES ..... 1<br>NO ..... 2 → DV22                                                                                                                                                                                                                                                                                                                                                                                                                                                             |      |
| DV21 | Who has done any of these things to physically hurt you while you were pregnant?<br><br>Anyone else?<br><br>RECORD ALL MENTIONED.                                                                                                                                                                                                                                                                   | CURRENT HUSBAND/PARTNER ..... A<br>MOTHER/STEP-MOTHER ..... B<br>FATHER/STEP-FATHER ..... C<br>SISTER/BROTHER ..... D<br>DAUGHTER/SON ..... E<br>OTHER RELATIVE ..... F<br>FORMER HUSBAND/PARTNER ..... G<br>CURRENT BOYFRIEND ..... H<br>FORMER BOYFRIEND ..... I<br>MOTHER-IN-LAW ..... J<br>FATHER-IN-LAW ..... K<br>OTHER IN-LAW ..... L<br>TEACHER ..... M<br>SCHOOLMATE/CLASSMATE ..... N<br>EMPLOYER/SOMEONE AT WORK .. O<br>POLICE/SOLDIER ..... P<br><br>OTHER ..... X<br>(SPECIFY) |      |
| DV22 | CHECK 701 AND 702 AND DV04 AND DV05:<br><br>EVER MARRIED/EVER LIVED WITH A MAN/ EVER HAD A MALE PARTNER <input type="checkbox"/> ↓<br><br>a) From the time you were 15 years old, has anyone other than a husband or male partner, hit you, slapped you, kicked you, or done anything else to hurt you physically?<br>Remember, I do not want you to include any husband or any other male partner. | NEVER MARRIED/ NEVER HAD A MALE PARTNER <input type="checkbox"/> ↓<br><br>b) From the time you were 15 years old has anyone hit you, slapped you, kicked you, or done anything else to hurt you physically?<br><br>YES ..... 1<br>NO ..... 2<br>REFUSED TO ANSWER/<br>NO ANSWER ..... 3 → DV25                                                                                                                                                                                               |      |

**DOMESTIC VIOLENCE MODULE**

| NO.  | QUESTIONS AND FILTERS                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | CODING CATEGORIES                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | SKIP                        |
|------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------|
| DV23 | <p>Who has hurt you in this way?</p> <p>Anyone else?</p> <p>RECORD ALL MENTIONED.</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | <p>MOTHER/STEP-MOTHER ..... A</p> <p>FATHER/STEP-FATHER ..... B</p> <p>SISTER/BROTHER ..... C</p> <p>DAUGHTER/SON ..... D</p> <p>OTHER RELATIVE ..... E</p> <p>CURRENT BOYFRIEND ..... F</p> <p>FORMER BOYFRIEND ..... G</p> <p>MOTHER-IN-LAW ..... H</p> <p>FATHER-IN-LAW ..... I</p> <p>OTHER IN-LAW ..... J</p> <p>TEACHER ..... K</p> <p>SCHOOLMATE/CLASSMATE ..... L</p> <p>EMPLOYER/SOMEONE AT WORK .. M</p> <p>POLICE/SOLDIER ..... N</p> <p>OTHER _____ X</p> <p align="center">(SPECIFY)</p> |                             |
| DV24 | In the last 12 months, how often (has this person/have these persons) physically hurt you: often, only sometimes, or not at all?                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | <p>OFTEN ..... 1</p> <p>SOMETIMES ..... 2</p> <p>NOT AT ALL ..... 3</p>                                                                                                                                                                                                                                                                                                                                                                                                                               |                             |
| DV25 | <p>CHECK 701 AND 702 AND DV04 AND DV05:</p> <div style="display: flex; justify-content: space-around; align-items: center;"> <div style="text-align: center;"> <p>EVER MARRIED/<br/>EVER LIVED WITH A MAN/<br/>EVER HAD A<br/>MALE PARTNER</p> <input type="checkbox"/> </div> <div style="text-align: center;"> <p>NEVER MARRIED/<br/>NEVER HAD<br/>A MALE PARTNER</p> <input type="checkbox"/> </div> </div>                                                                                                                                                                                                                                                                                                                           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | → DV27                      |
| DV26 | At any time in your life, as a child or as an adult, has anyone other than any previous husband or any other current or previous male partner ever forced you in any way to have sexual intercourse or perform any other sexual acts when you did not want to? Remember I do not want you to include any husband or male partner.                                                                                                                                                                                                                                                                                                                                                                                                        | <p>YES ..... 1</p> <p>NO ..... 2</p> <p>REFUSED TO ANSWER/<br/>NO ANSWER ..... 3</p>                                                                                                                                                                                                                                                                                                                                                                                                                  | <p>→ DV28</p> <p>→ DV31</p> |
| DV27 | At any time in your life, as a child or as an adult, has anyone ever forced you in any way to have sexual intercourse or perform any other sexual acts when you did not want to?                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | <p>YES ..... 1</p> <p>NO ..... 2</p> <p>REFUSED TO ANSWER/<br/>NO ANSWER ..... 3</p>                                                                                                                                                                                                                                                                                                                                                                                                                  | → DV31                      |
| DV28 | <p>CHECK 701 AND 702 AND DV04 AND DV05:</p> <div style="display: flex; justify-content: space-between;"> <div style="width: 45%;"> <p>EVER MARRIED/EVER<br/>LIVED WITH A MAN/<br/>EVER HAD A<br/>MALE PARTNER</p> <input type="checkbox"/> </div> <div style="width: 45%;"> <p>NEVER MARRIED/<br/>NEVER HAD A<br/>MALE PARTNER</p> <input type="checkbox"/> </div> </div> <p>a) How old were you the first time you were forced to have sexual intercourse or perform any other sexual acts that you did not want to by anyone, not including any husband or any other male partner?</p> <p>b) How old were you the first time you were forced to have sexual intercourse or perform any other sexual acts that you did not want to?</p> | <p>AGE IN COMPLETED<br/>YEARS ..... <input type="text"/> <input type="text"/></p> <p>DON'T KNOW ..... 98</p>                                                                                                                                                                                                                                                                                                                                                                                          |                             |

**DOMESTIC VIOLENCE MODULE**

| NO.                                                                                                                                                                                                                                                                                                                   | QUESTIONS AND FILTERS                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | CODING CATEGORIES                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | SKIP                                                                                                                                                                                                                |                                      |  |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------|--|
| DV29                                                                                                                                                                                                                                                                                                                  | <p>Who has forced you to have sexual intercourse or perform any other sexual acts that you did not want to?</p> <p>Anyone else?</p> <p>RECORD ALL MENTIONED.</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | <p>FATHER/STEP-FATHER ..... A</p> <p>BROTHER/STEP-BROTHER ..... B</p> <p>OTHER RELATIVE ..... C</p> <p>CURRENT BOYFRIEND ..... D</p> <p>FORMER BOYFRIEND ..... E</p> <p>IN-LAW ..... F</p> <p>OWN FRIEND/ACQUAINTANCE ..... G</p> <p>FAMILY FRIEND ..... H</p> <p>TEACHER ..... I</p> <p>SCHOOLMATE/CLASSMATE ..... J</p> <p>EMPLOYER/SOMEONE AT WORK ..... K</p> <p>POLICE/SOLDIER ..... L</p> <p>PRIEST/RELIGIOUS LEADER ..... M</p> <p>STRANGER ..... N</p> <p>OTHER _____ X</p> <p align="center">(SPECIFY)</p> |                                                                                                                                                                                                                     |                                      |  |
| DV30                                                                                                                                                                                                                                                                                                                  | <p>CHECK 701 AND 702 AND DV04 AND DV05:</p> <table border="0"> <tr> <td> <p>EVER MARRIED/EVER LIVED WITH A MAN/EVER HAD A MALE PARTNER <input type="checkbox"/></p> <p>a) In the last 12 months, has anyone other than any previous husband or any other current or previous male partner forced you to have sexual intercourse or perform any other sexual acts that you did not want to?</p> </td> <td> <p>NEVER MARRIED/NEVER HAD A MALE PARTNER <input type="checkbox"/></p> <p>b) In the last 12 months, has anyone forced you to have sexual intercourse or perform any other sexual acts that you did not want to?</p> </td> </tr> </table> | <p>EVER MARRIED/EVER LIVED WITH A MAN/EVER HAD A MALE PARTNER <input type="checkbox"/></p> <p>a) In the last 12 months, has anyone other than any previous husband or any other current or previous male partner forced you to have sexual intercourse or perform any other sexual acts that you did not want to?</p>                                                                                                                                                                                               | <p>NEVER MARRIED/NEVER HAD A MALE PARTNER <input type="checkbox"/></p> <p>b) In the last 12 months, has anyone forced you to have sexual intercourse or perform any other sexual acts that you did not want to?</p> | <p>YES ..... 1</p> <p>NO ..... 2</p> |  |
| <p>EVER MARRIED/EVER LIVED WITH A MAN/EVER HAD A MALE PARTNER <input type="checkbox"/></p> <p>a) In the last 12 months, has anyone other than any previous husband or any other current or previous male partner forced you to have sexual intercourse or perform any other sexual acts that you did not want to?</p> | <p>NEVER MARRIED/NEVER HAD A MALE PARTNER <input type="checkbox"/></p> <p>b) In the last 12 months, has anyone forced you to have sexual intercourse or perform any other sexual acts that you did not want to?</p>                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                                                                                                                                                                                                     |                                      |  |
| DV31                                                                                                                                                                                                                                                                                                                  | <p>CHECK DV08A (a-j), DV16A (a,b), DV20, DV22, DV26, AND DV27:</p> <p align="center">AT LEAST ONE 'YES' <input type="checkbox"/></p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | <p>NOT A SINGLE 'YES' <input type="checkbox"/></p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | <p>→ DV35</p>                                                                                                                                                                                                       |                                      |  |
| DV32                                                                                                                                                                                                                                                                                                                  | <p>Thinking about what you yourself have experienced among the different things we have been talking about, have you ever tried to seek help?</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | <p>YES ..... 1</p> <p>NO ..... 2</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | <p>→ DV34</p>                                                                                                                                                                                                       |                                      |  |
| DV33                                                                                                                                                                                                                                                                                                                  | <p>From whom have you sought help?</p> <p>Anyone else?</p> <p>RECORD ALL MENTIONED.</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | <p>OWN FAMILY ..... A</p> <p>HUSBAND'S/PARTNER'S FAMILY ..... B</p> <p>CURRENT/FORMER HUSBAND/PARTNER ..... C</p> <p>CURRENT/FORMER BOYFRIEND ..... D</p> <p>FRIEND ..... E</p> <p>NEIGHBOR ..... F</p> <p>RELIGIOUS LEADER ..... G</p> <p>DOCTOR/MEDICAL PERSONNEL ..... H</p> <p>POLICE ..... I</p> <p>LAWYER ..... J</p> <p>SOCIAL SERVICE ORGANIZATION ..... K</p> <p>OTHER _____ X</p> <p align="center">(SPECIFY)</p>                                                                                         | <p>→ DV35</p>                                                                                                                                                                                                       |                                      |  |

**DOMESTIC VIOLENCE MODULE**

| NO.                 | QUESTIONS AND FILTERS                                                                                                                                                                 | CODING CATEGORIES                                                                                                                                                                                                                                                                                     | SKIP |           |                     |    |               |   |   |   |                     |   |   |   |                    |   |   |   |  |
|---------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|-----------|---------------------|----|---------------|---|---|---|---------------------|---|---|---|--------------------|---|---|---|--|
| DV34                | Have you ever told any one about this?                                                                                                                                                | YES ..... 1<br>NO ..... 2                                                                                                                                                                                                                                                                             |      |           |                     |    |               |   |   |   |                     |   |   |   |                    |   |   |   |  |
| DV35                | As far as you know, did your father ever beat your mother?                                                                                                                            | YES ..... 1<br>NO ..... 2<br>DON'T KNOW ..... 8                                                                                                                                                                                                                                                       |      |           |                     |    |               |   |   |   |                     |   |   |   |                    |   |   |   |  |
|                     | THANK THE RESPONDENT FOR HER COOPERATION AND REASSURE HER ABOUT THE CONFIDENTIALITY OF HER ANSWERS. FILL OUT THE QUESTIONS BELOW WITH REFERENCE TO THE DOMESTIC VIOLENCE MODULE ONLY. |                                                                                                                                                                                                                                                                                                       |      |           |                     |    |               |   |   |   |                     |   |   |   |                    |   |   |   |  |
| DV36                | DID YOU HAVE TO INTERRUPT THE INTERVIEW BECAUSE SOME ADULT WAS TRYING TO LISTEN, OR CAME INTO THE ROOM, OR INTERFERED IN ANY OTHER WAY?                                               | <table> <tr> <td></td><td>YES, ONCE</td><td>YES, MORE THAN ONCE</td><td>NO</td></tr> <tr> <td>HUSBAND .....</td><td>1</td><td>2</td><td>3</td></tr> <tr> <td>OTHER MALE ADULT ..</td><td>1</td><td>2</td><td>3</td></tr> <tr> <td>FEMALE ADULT .....</td><td>1</td><td>2</td><td>3</td></tr> </table> |      | YES, ONCE | YES, MORE THAN ONCE | NO | HUSBAND ..... | 1 | 2 | 3 | OTHER MALE ADULT .. | 1 | 2 | 3 | FEMALE ADULT ..... | 1 | 2 | 3 |  |
|                     | YES, ONCE                                                                                                                                                                             | YES, MORE THAN ONCE                                                                                                                                                                                                                                                                                   | NO   |           |                     |    |               |   |   |   |                     |   |   |   |                    |   |   |   |  |
| HUSBAND .....       | 1                                                                                                                                                                                     | 2                                                                                                                                                                                                                                                                                                     | 3    |           |                     |    |               |   |   |   |                     |   |   |   |                    |   |   |   |  |
| OTHER MALE ADULT .. | 1                                                                                                                                                                                     | 2                                                                                                                                                                                                                                                                                                     | 3    |           |                     |    |               |   |   |   |                     |   |   |   |                    |   |   |   |  |
| FEMALE ADULT .....  | 1                                                                                                                                                                                     | 2                                                                                                                                                                                                                                                                                                     | 3    |           |                     |    |               |   |   |   |                     |   |   |   |                    |   |   |   |  |
| DV37                | INTERVIEWER'S COMMENTS/EXPLANATION FOR NOT COMPLETING THE DOMESTIC VIOLENCE MODULE.<br><br>_____<br><br>_____<br><br>_____                                                            |                                                                                                                                                                                                                                                                                                       |      |           |                     |    |               |   |   |   |                     |   |   |   |                    |   |   |   |  |
| DV38                | RECORD THE TIME.                                                                                                                                                                      | HOURS.....<br>MINUTI..... <table border="1"> <tr> <td></td><td></td></tr> <tr> <td></td><td></td></tr> </table>                                                                                                                                                                                       |      |           |                     |    |               |   |   |   |                     |   |   |   |                    |   |   |   |  |
|                     |                                                                                                                                                                                       |                                                                                                                                                                                                                                                                                                       |      |           |                     |    |               |   |   |   |                     |   |   |   |                    |   |   |   |  |
|                     |                                                                                                                                                                                       |                                                                                                                                                                                                                                                                                                       |      |           |                     |    |               |   |   |   |                     |   |   |   |                    |   |   |   |  |

## INSTRUCTIONS:

ONLY ONE CODE SHOULD APPEAR IN ANY BOX.  
COLUMN 1 REQUIRES A CODE IN EVERY MONTH.

## CODES FOR EACH COLUMN:

COLUMN 1: BIRTHS, PREGNANCIES, CONTRACEPTIVE USE

B BIRTHS  
P PREGNANCIES  
T TERMINATIONS

0 NO METHOD

1 FEMALE STERILIZATION  
2 MALE STERILIZATION  
3 IUD  
4 INJECTABLES  
5 IMPLANTS  
6 PILL  
7 CONDOM  
8 FEMALE CONDOM  
9 EMERGENCY CONTRACEPTION

K LACTATIONAL AMENORRHEA METHOD  
L RHYTHM METHOD

M WITHDRAWAL  
X OTHER MODERN METHOD  
Y OTHER TRADITIONAL METHOD

COLUMN 2: DISCONTINUATION OF CONTRACEPTIVE USE

0 INFREQUENT SEX/HUSBAND AWAY  
1 BECAME PREGNANT WHILE USING  
2 WANTED TO BECOME PREGNANT  
3 HUSBAND/PARTNER DISAPPROVED  
4 WANTED MORE EFFECTIVE METHOD  
5 CHANGES IN MENSTRUAL BLEEDING  
6 OTHER SIDE EFFECTS/HEALTH CONCERNS  
7 LACK OF ACCESS/TOO FAR  
8 COSTS TOO MUCH  
N INCONVENIENT TO USE  
F UP TO GOD/FATALISTIC  
A DIFFICULT TO GET PREGNANT/MENOPAUSAL  
D MARITAL DISSOLUTION/SEPARATION  
X OTHER

(SPECIFY)

Z DON'T KNOW

|          |    |     | COL. 1 | COL. 2   |
|----------|----|-----|--------|----------|
|          | 12 | DEC | 01     |          |
|          | 11 | NOV | 02     |          |
|          | 10 | OCT | 03     |          |
| <b>2</b> | 09 | SEP | 04     | <b>2</b> |
|          | 08 | AUG | 05     |          |
|          | 07 | JUL | 06     |          |
|          | 06 | JUN | 07     |          |
| <b>0</b> | 05 | MAY | 08     | <b>0</b> |
|          | 04 | APR | 09     |          |
|          | 03 | MAR | 10     |          |
|          | 02 | FEB | 11     |          |
| <b>2</b> | 01 | JAN | 12     | <b>2</b> |
|          |    |     |        |          |
|          | 12 | DEC | 13     |          |
|          | 11 | NOV | 14     |          |
|          | 10 | OCT | 15     |          |
| <b>2</b> | 09 | SEP | 16     | <b>2</b> |
|          | 08 | AUG | 17     |          |
|          | 07 | JUL | 18     |          |
|          | 06 | JUN | 19     |          |
| <b>0</b> | 05 | MAY | 20     | <b>0</b> |
|          | 04 | APR | 21     |          |
|          | 03 | MAR | 22     |          |
|          | 02 | FEB | 23     |          |
| <b>2</b> | 01 | JAN | 24     | <b>2</b> |
|          |    |     |        |          |
|          | 12 | DEC | 25     |          |
|          | 11 | NOV | 26     |          |
|          | 10 | OCT | 27     |          |
| <b>2</b> | 09 | SEP | 28     | <b>2</b> |
|          | 08 | AUG | 29     |          |
|          | 07 | JUL | 30     |          |
|          | 06 | JUN | 31     |          |
| <b>0</b> | 05 | MAY | 32     | <b>0</b> |
|          | 04 | APR | 33     |          |
|          | 03 | MAR | 34     |          |
|          | 02 | FEB | 35     |          |
| <b>2</b> | 01 | JAN | 36     | <b>2</b> |
|          |    |     |        |          |
|          | 12 | DEC | 37     |          |
|          | 11 | NOV | 38     |          |
|          | 10 | OCT | 39     |          |
| <b>2</b> | 09 | SEP | 40     | <b>2</b> |
|          | 08 | AUG | 41     |          |
|          | 07 | JUL | 42     |          |
|          | 06 | JUN | 43     |          |
| <b>0</b> | 05 | MAY | 44     | <b>0</b> |
|          | 04 | APR | 45     |          |
|          | 03 | MAR | 46     |          |
|          | 02 | FEB | 47     |          |
| <b>0</b> | 01 | JAN | 48     | <b>0</b> |
|          |    |     |        |          |
|          | 12 | DEC | 49     |          |
|          | 11 | NOV | 50     |          |
|          | 10 | OCT | 51     |          |
| <b>2</b> | 09 | SEP | 52     | <b>2</b> |
|          | 08 | AUG | 53     |          |
|          | 07 | JUL | 54     |          |
|          | 06 | JUN | 55     |          |
| <b>0</b> | 05 | MAY | 56     | <b>0</b> |
|          | 04 | APR | 57     |          |
|          | 03 | MAR | 58     |          |
|          | 02 | FEB | 59     |          |
| <b>1</b> | 01 | JAN | 60     | <b>1</b> |
|          |    |     |        |          |
|          | 12 | DEC | 61     |          |
|          | 11 | NOV | 62     |          |
|          | 10 | OCT | 63     |          |
| <b>2</b> | 09 | SEP | 64     | <b>2</b> |
|          | 08 | AUG | 65     |          |
|          | 07 | JUL | 66     |          |
|          | 06 | JUN | 67     |          |
| <b>0</b> | 05 | MAY | 68     | <b>0</b> |
|          | 04 | APR | 69     |          |
|          | 03 | MAR | 70     |          |
|          | 02 | FEB | 71     |          |
| <b>1</b> | 01 | JAN | 72     | <b>1</b> |
|          |    |     |        |          |

INTERVIEWER'S OBSERVATIONS

TO BE FILLED IN AFTER COMPLETING INTERVIEW

COMMENTS ABOUT INTERVIEW:

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COMMENTS ON SPECIFIC QUESTIONS:

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ANY OTHER COMMENTS:

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SUPERVISOR'S OBSERVATIONS

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2023 DEMOGRAPHIC AND HEALTH SURVEY  
 BIOMARKER QUESTIONNAIRE

REPUBLIC OF TAJIKISTAN  
 AGENCY ON STATISTICS UNDER THE PRESIDENT OF THE REPUBLIC OF TAJIKISTAN  
 MINISTRY OF HEALTH AND SOCIAL PROTECTION OF THE POPULATION OF THE REPUBLIC OF TAJIKISTAN

| IDENTIFICATION                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                                                                                                                                                                                                                                                                                                                                                                                            |       |                                                                                                                                                                                                                                                                                                                                                                                                            |                                                                                                                                                                                                             |  |  |  |  |  |  |  |  |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|--|--|--|--|--|--|--|
| PLACE NAME _____                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                                                                                                                                                                                                                                                                                                                                                                                            |       |                                                                                                                                                                                                                                                                                                                                                                                                            |                                                                                                                                                                                                             |  |  |  |  |  |  |  |  |
| NAME OF HOUSEHOLD HEAD _____                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                                                                                                                                                                                                                                                                                                                                                                                            |       |                                                                                                                                                                                                                                                                                                                                                                                                            |                                                                                                                                                                                                             |  |  |  |  |  |  |  |  |
| CLUSTER NUMBER .....                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                                                                                                                                                                                                                                                                                                                                                                                            |       |                                                                                                                                                                                                                                                                                                                                                                                                            | <table border="1" style="width: 100px; height: 20px; margin: 0 auto;"> <tr><td></td><td></td><td></td><td></td></tr> <tr><td></td><td></td><td></td><td></td></tr> </table>                                 |  |  |  |  |  |  |  |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                                                                                                                                                                                                                                                                                                                                                                                            |       |                                                                                                                                                                                                                                                                                                                                                                                                            |                                                                                                                                                                                                             |  |  |  |  |  |  |  |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                                                                                                                                                                                                                                                                                                                                                                                            |       |                                                                                                                                                                                                                                                                                                                                                                                                            |                                                                                                                                                                                                             |  |  |  |  |  |  |  |  |
| HOUSEHOLD NUMBER .....                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                                                                                                                                                                                                                                                                                                                                                                                            |       |                                                                                                                                                                                                                                                                                                                                                                                                            | <table border="1" style="width: 100px; height: 20px; margin: 0 auto;"> <tr><td></td><td></td><td></td><td></td></tr> <tr><td></td><td></td><td></td><td></td></tr> </table>                                 |  |  |  |  |  |  |  |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                                                                                                                                                                                                                                                                                                                                                                                            |       |                                                                                                                                                                                                                                                                                                                                                                                                            |                                                                                                                                                                                                             |  |  |  |  |  |  |  |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                                                                                                                                                                                                                                                                                                                                                                                            |       |                                                                                                                                                                                                                                                                                                                                                                                                            |                                                                                                                                                                                                             |  |  |  |  |  |  |  |  |
| BIOMARKER VISITS                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                                                                                                                                                                                                                                                                                                                                                                                            |       |                                                                                                                                                                                                                                                                                                                                                                                                            |                                                                                                                                                                                                             |  |  |  |  |  |  |  |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 1                                                                                                                                                                                                                                                                                                                                                                                                          | 2     | 3                                                                                                                                                                                                                                                                                                                                                                                                          | FINAL VISIT                                                                                                                                                                                                 |  |  |  |  |  |  |  |  |
| DATE                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | _____                                                                                                                                                                                                                                                                                                                                                                                                      | _____ | _____                                                                                                                                                                                                                                                                                                                                                                                                      | DAY <table border="1" style="width: 40px; height: 20px; float: right;"></table>                                                                                                                             |  |  |  |  |  |  |  |  |
| BIOMARKER'S NAME                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | _____                                                                                                                                                                                                                                                                                                                                                                                                      | _____ | _____                                                                                                                                                                                                                                                                                                                                                                                                      | MONTH <table border="1" style="width: 40px; height: 20px; float: right;"></table>                                                                                                                           |  |  |  |  |  |  |  |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                                                                                                                                                                                                                                                                                                                                                                                            |       |                                                                                                                                                                                                                                                                                                                                                                                                            | YEAR <table border="1" style="width: 40px; height: 20px; float: right;"></table>                                                                                                                            |  |  |  |  |  |  |  |  |
| NEXT VISIT: DATE                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | _____                                                                                                                                                                                                                                                                                                                                                                                                      | _____ |                                                                                                                                                                                                                                                                                                                                                                                                            | TOTAL NUMBER OF VISITS <table border="1" style="width: 40px; height: 20px; float: right;"></table>                                                                                                          |  |  |  |  |  |  |  |  |
| TIME                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | _____                                                                                                                                                                                                                                                                                                                                                                                                      | _____ |                                                                                                                                                                                                                                                                                                                                                                                                            |                                                                                                                                                                                                             |  |  |  |  |  |  |  |  |
| NOTES:<br>_____<br>_____<br>_____<br>_____<br>_____                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                                                                                                                                                                                                                                                                                                                                                                                            |       |                                                                                                                                                                                                                                                                                                                                                                                                            | TOTAL ELIGIBLE CHILDREN <table border="1" style="width: 40px; height: 20px; float: right;"></table><br><br>TOTAL ELIGIBLE WOMEN <table border="1" style="width: 40px; height: 20px; float: right;"></table> |  |  |  |  |  |  |  |  |
| <div style="display: flex; justify-content: space-between;"> <div>LANGUAGE OF QUESTIONNAIRE** <table border="1" style="width: 40px; height: 20px; text-align: center;">01</table></div> <div>LANGUAGE OF INTERVIEW** <table border="1" style="width: 40px; height: 20px;"></table></div> <div>NATIVE LANGUAGE OF RESPONDENT** <table border="1" style="width: 40px; height: 20px;"></table></div> <div>TRANSLATOR (YES = 1, NO = 2) <table border="1" style="width: 40px; height: 20px;"></table></div> </div> <div style="display: flex; justify-content: space-between; margin-top: 5px;"> <div>LANGUAGE OF QUESTIONNAIRE** <b>ENGLISH</b></div> <div> <b>**LANGUAGE CODES:</b><br/>           01 ENGLISH      03 TAJIK      05 UZBEK<br/>           02 RUSSIAN    04 KYRGYZ    06 OTHER         </div> </div> |                                                                                                                                                                                                                                                                                                                                                                                                            |       |                                                                                                                                                                                                                                                                                                                                                                                                            |                                                                                                                                                                                                             |  |  |  |  |  |  |  |  |
| TEAM<br><table border="1" style="width: 40px; height: 20px; margin: 0 auto;"></table><br>NUMBER                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | TEAM SUPERVISOR<br><div style="display: flex; justify-content: space-between;"> <div>NAME _____</div> <div> <table border="1" style="width: 40px; height: 20px;"></table> <table border="1" style="width: 40px; height: 20px;"></table> <table border="1" style="width: 40px; height: 20px;"></table> <table border="1" style="width: 40px; height: 20px;"></table> </div>           NUMBER         </div> |       | CAPI SUPERVISOR<br><div style="display: flex; justify-content: space-between;"> <div>NAME _____</div> <div> <table border="1" style="width: 40px; height: 20px;"></table> <table border="1" style="width: 40px; height: 20px;"></table> <table border="1" style="width: 40px; height: 20px;"></table> <table border="1" style="width: 40px; height: 20px;"></table> </div>           NUMBER         </div> |                                                                                                                                                                                                             |  |  |  |  |  |  |  |  |

WEIGHT, HEIGHT, AND HEMOGLOBIN MEASUREMENT FOR CHILDREN AGE 0-4

|     |                                                                                                                                                                                                                                                                                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |       |
|-----|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|
| 101 | CHECK CAPI OUTPUT FOR "LIST ELIGIBLE INDIVIDUALS/BIOMARKERS". RECORD THE LINE NUMBER AND NAME FOR ALL ELIGIBLE CHILDREN AGE 0-5 YEARS IN QUESTION 102 ON THIS PAGE AND SUBSEQUENT PAGES STARTING WITH THE FIRST ONE LISTED. IF MORE THAN THREE CHILDREN USE ADDITIONAL QUESTIONNAIRE(S) |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |       |
|     | CHILD 1                                                                                                                                                                                                                                                                                 | SKIP                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |       |
| 102 | CHECK CAPI OUTPUT AND RECORD NAME AND LINE NUMBER OF CHILD.                                                                                                                                                                                                                             | NAME _____                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |       |
|     |                                                                                                                                                                                                                                                                                         | LINE NUMBER ..... <div style="display: inline-block; width: 20px; height: 20px; border: 1px solid black; margin: 0 5px;"></div> <div style="display: inline-block; width: 20px; height: 20px; border: 1px solid black; margin: 0 5px;"></div>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |       |
| 103 | IF MOTHER INTERVIEWED: COPY CHILD'S DATE OF BIRTH (DAY, MONTH, AND YEAR) FROM PREGNANCY HISTORY.<br><br>IF MOTHER NOT INTERVIEWED ASK:<br>What is (NAME)'s date of birth?                                                                                                               | DAY ..... <div style="display: inline-block; width: 20px; height: 20px; border: 1px solid black; margin: 0 5px;"></div> <div style="display: inline-block; width: 20px; height: 20px; border: 1px solid black; margin: 0 5px;"></div><br>MONTH ..... <div style="display: inline-block; width: 20px; height: 20px; border: 1px solid black; margin: 0 5px;"></div> <div style="display: inline-block; width: 20px; height: 20px; border: 1px solid black; margin: 0 5px;"></div><br>YEAR ..... <div style="display: inline-block; width: 20px; height: 20px; border: 1px solid black; margin: 0 5px;"></div> <div style="display: inline-block; width: 20px; height: 20px; border: 1px solid black; margin: 0 5px;"></div> <div style="display: inline-block; width: 20px; height: 20px; border: 1px solid black; margin: 0 5px;"></div> <div style="display: inline-block; width: 20px; height: 20px; border: 1px solid black; margin: 0 5px;"></div> |       |
| 104 | IF MOTHER INTERVIEWED: COPY CHILD'S AGE FROM PREGNANCY HISTORY.<br><br>IF MOTHER NOT INTERVIEWED ASK:<br>How old was (NAME) at (NAME)'s last birthday?<br><br>COMPARE AND CORRECT 103 AND/OR 104 IF INCONSISTENT.                                                                       | AGE IN COMPLETED YEARS <div style="display: inline-block; width: 20px; height: 20px; border: 1px solid black; margin: 0 5px;"></div>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |       |
| 105 | CHECK 104: CHILD AGE 0-4 YEARS?      YES <input type="checkbox"/> NO <input type="checkbox"/>                                                                                                                                                                                           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | → 125 |
| 106 | WEIGHT IN KILOGRAMS.                                                                                                                                                                                                                                                                    | KG. .... <div style="display: inline-block; width: 20px; height: 20px; border: 1px solid black; margin: 0 5px;"></div> <div style="display: inline-block; width: 20px; height: 20px; border: 1px solid black; margin: 0 5px;"></div> . <div style="display: inline-block; width: 20px; height: 20px; border: 1px solid black; margin: 0 5px;"></div> <div style="display: inline-block; width: 20px; height: 20px; border: 1px solid black; margin: 0 5px;"></div><br>NOT PRESENT ..... 9994<br>REFUSED ..... 9995<br>OTHER ..... 9996                                                                                                                                                                                                                                                                                                                                                                                                                 | → 108 |
| 107 | WAS THE CHILD MINIMALLY DRESSED?                                                                                                                                                                                                                                                        | YES ..... 1<br>NO ..... 2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |       |
| 108 | HEIGHT IN CENTIMETERS.<br><br>IF CHILD IS AGE 0-1 YEARS, MEASURE LYING DOWN.<br>IF CHILD IS AGE 2, 3, OR 4 YEARS, MEASURE STANDING UP.                                                                                                                                                  | CM. .... <div style="display: inline-block; width: 20px; height: 20px; border: 1px solid black; margin: 0 5px;"></div> <div style="display: inline-block; width: 20px; height: 20px; border: 1px solid black; margin: 0 5px;"></div> <div style="display: inline-block; width: 20px; height: 20px; border: 1px solid black; margin: 0 5px;"></div> <div style="display: inline-block; width: 20px; height: 20px; border: 1px solid black; margin: 0 5px;"></div> . <div style="display: inline-block; width: 20px; height: 20px; border: 1px solid black; margin: 0 5px;"></div><br>NOT PRESENT ..... 9994<br>REFUSED ..... 9995<br>OTHER ..... 9996                                                                                                                                                                                                                                                                                                   | → 113 |
| 109 | WAS THE CHILD MEASURED LYING DOWN OR STANDING UP?                                                                                                                                                                                                                                       | LYING DOWN ..... 1<br>STANDING UP ..... 2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |       |
| 110 | CHECK 104 AND 109: BASED ON CHILD'S AGE, WAS CORRECT MEASUREMENT PROCEDURE FOLLOWED?                                                                                                                                                                                                    | YES ..... 1<br>NO ..... 2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | → 112 |
| 111 | IF CHILD IS AGE 0-1 YEARS: WHY WAS (NAME) MEASURED STANDING UP?<br>IF CHILD IS AGE 2-4 YEARS: WHY WAS (NAME) MEASURED LYING DOWN?<br><br>_____<br>_____                                                                                                                                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |       |
| 112 | WAS THE RECORDED MEASUREMENT INTERFERED WITH BY BRAIDED OR ORNAMENTED HAIR?                                                                                                                                                                                                             | YES ..... 1<br>NO ..... 2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |       |
| 113 | ENTER BIOMARKER NUMBER OF MEASURER.                                                                                                                                                                                                                                                     | <div style="display: inline-block; width: 20px; height: 20px; border: 1px solid black; margin: 0 5px;"></div> <div style="display: inline-block; width: 20px; height: 20px; border: 1px solid black; margin: 0 5px;"></div> <div style="display: inline-block; width: 20px; height: 20px; border: 1px solid black; margin: 0 5px;"></div> <div style="display: inline-block; width: 20px; height: 20px; border: 1px solid black; margin: 0 5px;"></div><br>BIOMARKER NUMBER                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |       |
| 114 | ENTER BIOMARKER NUMBER OF ASSISTANT MEASURER.                                                                                                                                                                                                                                           | <div style="display: inline-block; width: 20px; height: 20px; border: 1px solid black; margin: 0 5px;"></div> <div style="display: inline-block; width: 20px; height: 20px; border: 1px solid black; margin: 0 5px;"></div> <div style="display: inline-block; width: 20px; height: 20px; border: 1px solid black; margin: 0 5px;"></div> <div style="display: inline-block; width: 20px; height: 20px; border: 1px solid black; margin: 0 5px;"></div><br>BIOMARKER NUMBER                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |       |
| 115 | TODAY'S DATE:                                                                                                                                                                                                                                                                           | DAY ..... <div style="display: inline-block; width: 20px; height: 20px; border: 1px solid black; margin: 0 5px;"></div> <div style="display: inline-block; width: 20px; height: 20px; border: 1px solid black; margin: 0 5px;"></div><br>MONTH ..... <div style="display: inline-block; width: 20px; height: 20px; border: 1px solid black; margin: 0 5px;"></div> <div style="display: inline-block; width: 20px; height: 20px; border: 1px solid black; margin: 0 5px;"></div><br>YEAR ..... <div style="display: inline-block; width: 20px; height: 20px; border: 1px solid black; margin: 0 5px;"></div> <div style="display: inline-block; width: 20px; height: 20px; border: 1px solid black; margin: 0 5px;"></div> <div style="display: inline-block; width: 20px; height: 20px; border: 1px solid black; margin: 0 5px;"></div> <div style="display: inline-block; width: 20px; height: 20px; border: 1px solid black; margin: 0 5px;"></div> |       |

WEIGHT, HEIGHT, AND HEMOGLOBIN MEASUREMENT FOR CHILDREN AGE 0-4

|     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                        |
|-----|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|     | CHILD 1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | SKIP                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| 116 | RECORD HEIGHT/LENGTH AND WEIGHT IN THE ANTHROPOMETRY AND ANEMIA PAMPHLET.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| 117 | CHECK 103: IS THE CHILD AGE 0-5 MONTHS <input type="checkbox"/> OR IS THE CHILD OLDER? <input type="checkbox"/>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 125                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| 118 | RECORD NAME OF PARENT/RESPONSIBLE ADULT FOR THE CHILD.<br><br>NAME _____<br><br>LINE NUMBER ..... <input type="text"/>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| 119 | ASK CONSENT FOR ANEMIA TEST FROM PARENT/RESPONSIBLE ADULT:<br><br>As part of this survey, we are asking people all over the country to take an anemia test. Anemia is a serious health problem that usually results from poor nutrition, infection, or chronic disease. This survey will assist the government to develop programs to prevent and treat anemia. We ask that all children under age 5 take part in anemia testing. The anemia test requires a few drops of blood from a finger or heel. The equipment used to take the blood is clean and completely safe. It has never been used before and will be thrown away after each test.<br><br>The blood will be tested for anemia immediately, and the result will be told to you right away. The result will be kept strictly confidential and will not be shared with anyone other than members of our survey team.<br><br>Do you have any questions? |                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| 120 | CIRCLE THE CODE.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | GRANTED ..... 1<br>REFUSED ..... 2<br>NOT PRESENT/OTHER ..... 3                                                                                                                                                                                                                                                                                                                                                                        |
| 121 | SIGN NAME AND ENTER BIOMARKER NUMBER OF HEMOGLOBIN MEASURER.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | _____<br>(SIGN)<br><br><div style="border: 1px solid black; width: 40px; height: 20px; display: inline-block;"></div> <div style="border: 1px solid black; width: 40px; height: 20px; display: inline-block;"></div> <div style="border: 1px solid black; width: 40px; height: 20px; display: inline-block;"></div> <div style="border: 1px solid black; width: 40px; height: 20px; display: inline-block;"></div><br>BIOMARKER NUMBER |
| 122 | RECORD HEMOGLOBIN LEVEL HERE AND IN THE ANTHROPOMETRY AND ANEMIA PAMPHLET.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | G/DL ..... <input type="text"/> <input type="text"/> <input type="text"/><br>NOT PRESENT ..... 994<br>REFUSED ..... 995<br>OTHER ..... 996                                                                                                                                                                                                                                                                                             |
| 123 | CHECK 122: HEMOGLOBIN RESULT                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | BELOW 8.0 G/DL,<br>SEVERE ANEMIA ..... 1<br>8.0 G/DL OR ABOVE ..... 2                                                                                                                                                                                                                                                                                                                                                                  |
| 124 | The anemia test shows that (NAME OF CHILD) has severe anemia. Your child is very ill and must be taken to a health facility immediately.<br><br>RECORD THE RESULT OF THE ANEMIA TEST ON THE SEVERE ANEMIA REFERRAL FORM.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| 125 | IF ANOTHER CHILD, GO TO 102 ON THE NEXT PAGE; IF NO MORE CHILDREN, GO TO 201.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                                                                                                                                                                                                                                                                                                                                                                                                                        |

WEIGHT, HEIGHT, AND HEMOGLOBIN MEASUREMENT FOR CHILDREN AGE 0-4

|     |                                                                                                                                                                                                                                                                                           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |       |
|-----|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|
| 101 | CHECK CAPI OUTPUT FOR "LIST ELIGIBLE INDIVIDUALS/BIOMARKERS". RECORD THE LINE NUMBER AND NAME FOR ALL ELIGIBLE CHILDREN AGE 0-5 YEARS IN QUESTION 102 ON THIS PAGE AND SUBSEQUENT PAGES STARTING WITH THE FIRST ONE LISTED. IF MORE THAN THREE CHILDREN, USE ADDITIONAL QUESTIONNAIRE(S). |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |       |
|     | CHILD 2                                                                                                                                                                                                                                                                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | SKIP  |
| 102 | CHECK CAPI OUTPUT AND RECORD NAME AND LINE NUMBER OF CHILD.                                                                                                                                                                                                                               | NAME _____<br><br>LINE NUMBER ..... <table border="1" style="display: inline-table; width: 40px; height: 20px; vertical-align: middle;"></table> <table border="1" style="display: inline-table; width: 40px; height: 20px; vertical-align: middle;"></table>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |       |
| 103 | IF MOTHER INTERVIEWED: COPY CHILD'S DATE OF BIRTH (DAY, MONTH, AND YEAR) FROM PREGNANCY HISTORY.<br><br>IF MOTHER NOT INTERVIEWED ASK:<br>What is (NAME)'s date of birth?                                                                                                                 | DAY ..... <table border="1" style="display: inline-table; width: 40px; height: 20px; vertical-align: middle;"></table> <table border="1" style="display: inline-table; width: 40px; height: 20px; vertical-align: middle;"></table><br>MONTH ..... <table border="1" style="display: inline-table; width: 40px; height: 20px; vertical-align: middle;"></table> <table border="1" style="display: inline-table; width: 40px; height: 20px; vertical-align: middle;"></table><br>YEAR ..... <table border="1" style="display: inline-table; width: 40px; height: 20px; vertical-align: middle;"></table> <table border="1" style="display: inline-table; width: 40px; height: 20px; vertical-align: middle;"></table> <table border="1" style="display: inline-table; width: 40px; height: 20px; vertical-align: middle;"></table> <table border="1" style="display: inline-table; width: 40px; height: 20px; vertical-align: middle;"></table> |       |
| 104 | IF MOTHER INTERVIEWED: COPY CHILD'S AGE FROM PREGNANCY HISTORY.<br><br>IF MOTHER NOT INTERVIEWED ASK:<br>How old was (NAME) at (NAME)'s last birthday?<br><br>COMPARE AND CORRECT 103 AND/OR 104 IF INCONSISTENT.                                                                         | AGE IN COMPLETED YEARS <table border="1" style="display: inline-table; width: 40px; height: 20px; vertical-align: middle;"></table>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |       |
| 105 | CHECK 104: CHILD AGE 0-4 YEARS?      YES <input type="checkbox"/> NO <input type="checkbox"/>                                                                                                                                                                                             | → 125                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |       |
| 106 | WEIGHT IN KILOGRAMS.                                                                                                                                                                                                                                                                      | KG. .... <table border="1" style="display: inline-table; width: 40px; height: 20px; vertical-align: middle;"></table> <table border="1" style="display: inline-table; width: 40px; height: 20px; vertical-align: middle;"></table> . <table border="1" style="display: inline-table; width: 40px; height: 20px; vertical-align: middle;"></table> <table border="1" style="display: inline-table; width: 40px; height: 20px; vertical-align: middle;"></table><br>NOT PRESENT ..... 9994<br>REFUSED ..... 9995<br>OTHER ..... 9996                                                                                                                                                                                                                                                                                                                                                                                                             | → 108 |
| 107 | WAS THE CHILD MINIMALLY DRESSED?                                                                                                                                                                                                                                                          | YES ..... 1<br>NO ..... 2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |       |
| 108 | HEIGHT IN CENTIMETERS.<br><br>IF CHILD IS AGE 0-1 YEARS, MEASURE LYING DOWN.<br>IF CHILD IS AGE 2, 3, OR 4 YEARS, MEASURE STANDING UP.                                                                                                                                                    | CM. .... <table border="1" style="display: inline-table; width: 40px; height: 20px; vertical-align: middle;"></table> <table border="1" style="display: inline-table; width: 40px; height: 20px; vertical-align: middle;"></table> <table border="1" style="display: inline-table; width: 40px; height: 20px; vertical-align: middle;"></table> . <table border="1" style="display: inline-table; width: 40px; height: 20px; vertical-align: middle;"></table><br>NOT PRESENT ..... 9994<br>REFUSED ..... 9995<br>OTHER ..... 9996                                                                                                                                                                                                                                                                                                                                                                                                             | → 113 |
| 109 | WAS THE CHILD MEASURED LYING DOWN OR STANDING UP?                                                                                                                                                                                                                                         | LYING DOWN ..... 1<br>STANDING UP ..... 2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |       |
| 110 | CHECK 104 AND 109: BASED ON CHILD'S AGE, WAS CORRECT MEASUREMENT PROCEDURE FOLLOWED?                                                                                                                                                                                                      | YES ..... 1<br>NO ..... 2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | → 112 |
| 111 | IF CHILD IS AGE 0-1 YEARS: WHY WAS (NAME) MEASURED STANDING UP?<br>IF CHILD IS AGE 2-4 YEARS: WHY WAS (NAME) MEASURED LYING DOWN?<br><br>_____<br>_____                                                                                                                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |       |
| 112 | WAS THE RECORDED MEASUREMENT INTERFERED WITH BY BRAIDED OR ORNAMENTED HAIR?                                                                                                                                                                                                               | YES ..... 1<br>NO ..... 2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |       |
| 113 | ENTER BIOMARKER NUMBER OF MEASURER.                                                                                                                                                                                                                                                       | <table border="1" style="display: inline-table; width: 40px; height: 20px; vertical-align: middle;"></table> <table border="1" style="display: inline-table; width: 40px; height: 20px; vertical-align: middle;"></table> <table border="1" style="display: inline-table; width: 40px; height: 20px; vertical-align: middle;"></table> <table border="1" style="display: inline-table; width: 40px; height: 20px; vertical-align: middle;"></table><br>BIOMARKER NUMBER                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |       |
| 114 | ENTER BIOMARKER NUMBER OF ASSISTANT MEASURER.                                                                                                                                                                                                                                             | <table border="1" style="display: inline-table; width: 40px; height: 20px; vertical-align: middle;"></table> <table border="1" style="display: inline-table; width: 40px; height: 20px; vertical-align: middle;"></table> <table border="1" style="display: inline-table; width: 40px; height: 20px; vertical-align: middle;"></table> <table border="1" style="display: inline-table; width: 40px; height: 20px; vertical-align: middle;"></table><br>BIOMARKER NUMBER                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |       |
| 115 | TODAY'S DATE:                                                                                                                                                                                                                                                                             | DAY ..... <table border="1" style="display: inline-table; width: 40px; height: 20px; vertical-align: middle;"></table> <table border="1" style="display: inline-table; width: 40px; height: 20px; vertical-align: middle;"></table><br>MONTH ..... <table border="1" style="display: inline-table; width: 40px; height: 20px; vertical-align: middle;"></table> <table border="1" style="display: inline-table; width: 40px; height: 20px; vertical-align: middle;"></table><br>YEAR ..... <table border="1" style="display: inline-table; width: 40px; height: 20px; vertical-align: middle;"></table> <table border="1" style="display: inline-table; width: 40px; height: 20px; vertical-align: middle;"></table> <table border="1" style="display: inline-table; width: 40px; height: 20px; vertical-align: middle;"></table> <table border="1" style="display: inline-table; width: 40px; height: 20px; vertical-align: middle;"></table> |       |

WEIGHT, HEIGHT, AND HEMOGLOBIN MEASUREMENT FOR CHILDREN AGE 0-4

|     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                                                                                                                               |
|-----|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------|
|     | CHILD 2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | SKIP                                                                                                                                          |
| 116 | RECORD HEIGHT/LENGTH AND WEIGHT IN THE [ANTHROPOMETRY AND ANEMIA PAMPHLET].                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                                                                                                                               |
| 117 | CHECK 103: IS THE CHILD AGE 0-5 MONTHS <input type="checkbox"/> OLDER <input type="checkbox"/> AGE 0-5 MONTHS <input type="checkbox"/> → 125<br>OR IS THE CHILD OLDER?                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                                                                                                                                               |
| 118 | RECORD NAME OF PARENT/RESPONSIBLE ADULT FOR THE CHILD.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | NAME _____<br>LINE NUMBER ..... <input type="text"/>                                                                                          |
| 119 | ASK CONSENT FOR ANEMIA TEST FROM PARENT/RESPONSIBLE ADULT:<br><br>As part of this survey, we are asking people all over the country to take an anemia test. Anemia is a serious health problem that usually results from poor nutrition, infection, or chronic disease. This survey will assist the government to develop programs to prevent and treat anemia. We ask that all children under age 5 take part in anemia testing. The anemia test requires a few drops of blood from a finger or heel. The equipment used to take the blood is clean and completely safe. It has never been used before and will be thrown away after each test.<br><br>The blood will be tested for anemia immediately, and the result will be told to you right away. The result will be kept strictly confidential and will not be shared with anyone other than members of our survey team.<br><br>Do you have any questions? |                                                                                                                                               |
| 120 | CIRCLE THE CODE.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | GRANTED ..... 1<br>REFUSED ..... 2<br>NOT PRESENT/OTHER ..... 3                                                                               |
| 121 | SIGN NAME AND ENTER BIOMARKER NUMBER OF HEMOGLOBIN MEASURER.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | _____<br>(SIGN)<br><div style="border: 1px solid black; width: 40px; height: 20px; margin: 5px auto;"></div> BIOMARKER NUMBER                 |
| 122 | RECORD HEMOGLOBIN LEVEL HERE AND IN THE ANTHROPOMETRY AND ANEMIA PAMPHLET.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | G/DL ..... <input type="text"/> <input type="text"/> <input type="text"/><br>NOT PRESENT .....994<br>REFUSED .....995<br>OTHER .....996 → 125 |
| 123 | CHECK 122: HEMOGLOBIN RESULT                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | BELOW 8.0 G/DL,<br>SEVERE ANEMIA ..... 1<br>8.0 G/DL OR ABOVE ..... 2 → 125                                                                   |
| 124 | The anemia test shows that (NAME OF CHILD) has severe anemia. Your child is very ill and must be taken to a health facility immediately.<br><br>RECORD THE RESULT OF THE ANEMIA TEST ON THE SEVERE ANEMIA REFERRAL FORM.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                                                                                                                               |
| 125 | IF ANOTHER CHILD, GO TO 102 ON THE NEXT PAGE; IF NO MORE CHILDREN, GO TO 201.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                                                                                                                               |

WEIGHT, HEIGHT, AND HEMOGLOBIN MEASUREMENT FOR CHILDREN AGE 0-4

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| 101 | CHECK CAPI OUTPUT FOR "LIST ELIGIBLE INDIVIDUALS/BIOMARKERS". RECORD THE LINE NUMBER AND NAME FOR ALL ELIGIBLE CHILDREN AGE 0-5 YEARS IN QUESTION 102 ON THIS PAGE AND SUBSEQUENT PAGES STARTING WITH THE FIRST ONE LISTED. IF MORE THAN THREE CHILDREN, USE ADDITIONAL QUESTIONNAIRE(S). |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |       |
|     | CHILD 3                                                                                                                                                                                                                                                                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | SKIP  |
| 102 | CHECK CAPI OUTPUT AND RECORD NAME AND LINE NUMBER OF CHILD.                                                                                                                                                                                                                               | NAME _____<br><br>LINE NUMBER ..... <span style="border: 1px solid black; padding: 0 5px;">  </span> <span style="border: 1px solid black; padding: 0 5px;">  </span>                                                                                                                                                                                                                                                                                                                                                                                                          |       |
| 103 | IF MOTHER INTERVIEWED: COPY CHILD'S DATE OF BIRTH (DAY, MONTH, AND YEAR) FROM PREGNANCY HISTORY.<br><br>IF MOTHER NOT INTERVIEWED ASK:<br>What is (NAME)'s date of birth?                                                                                                                 | DAY ..... <span style="border: 1px solid black; padding: 0 5px;">  </span> <span style="border: 1px solid black; padding: 0 5px;">  </span><br>MONTH ..... <span style="border: 1px solid black; padding: 0 5px;">  </span> <span style="border: 1px solid black; padding: 0 5px;">  </span><br>YEAR ..... <span style="border: 1px solid black; padding: 0 5px;">  </span> <span style="border: 1px solid black; padding: 0 5px;">  </span> <span style="border: 1px solid black; padding: 0 5px;">  </span> <span style="border: 1px solid black; padding: 0 5px;">  </span> |       |
| 104 | IF MOTHER INTERVIEWED: COPY CHILD'S AGE FROM PREGNANCY HISTORY.<br><br>IF MOTHER NOT INTERVIEWED ASK:<br>How old was (NAME) at (NAME)'s last birthday?<br><br>COMPARE AND CORRECT 103 AND/OR 104 IF INCONSISTENT.                                                                         | AGE IN COMPLETED YEARS <span style="border: 1px solid black; padding: 0 5px;">  </span>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |       |
| 105 | CHECK 104: CHILD AGE 0-4 YEARS?      YES <input type="checkbox"/> NO <input type="checkbox"/>                                                                                                                                                                                             | → 125                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |       |
| 106 | WEIGHT IN KILOGRAMS.                                                                                                                                                                                                                                                                      | KG. .... <span style="border: 1px solid black; padding: 0 5px;">  </span> <span style="border: 1px solid black; padding: 0 5px;">  </span> . <span style="border: 1px solid black; padding: 0 5px;">  </span> <span style="border: 1px solid black; padding: 0 5px;">  </span><br>NOT PRESENT ..... 9994<br>REFUSED ..... 9995<br>OTHER ..... 9996                                                                                                                                                                                                                             | → 108 |
| 107 | WAS THE CHILD MINIMALLY DRESSED?                                                                                                                                                                                                                                                          | YES ..... 1<br>NO ..... 2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |       |
| 108 | HEIGHT IN CENTIMETERS.<br><br>IF CHILD IS AGE 0-1 YEARS, MEASURE LYING DOWN.<br>IF CHILD IS AGE 2, 3, OR 4 YEARS, MEASURE STANDING UP.                                                                                                                                                    | CM. .... <span style="border: 1px solid black; padding: 0 5px;">  </span> <span style="border: 1px solid black; padding: 0 5px;">  </span> <span style="border: 1px solid black; padding: 0 5px;">  </span> . <span style="border: 1px solid black; padding: 0 5px;">  </span><br>NOT PRESENT ..... 9994<br>REFUSED ..... 9995<br>OTHER ..... 9996                                                                                                                                                                                                                             | → 113 |
| 109 | WAS THE CHILD MEASURED LYING DOWN OR STANDING UP?                                                                                                                                                                                                                                         | LYING DOWN ..... 1<br>STANDING UP ..... 2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |       |
| 110 | CHECK 104 AND 109: BASED ON CHILD'S AGE, WAS CORRECT MEASUREMENT PROCEDURE FOLLOWED?                                                                                                                                                                                                      | YES ..... 1<br>NO ..... 2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | → 112 |
| 111 | IF CHILD IS AGE 0-1 YEARS: WHY WAS (NAME) MEASURED STANDING UP?<br>IF CHILD IS AGE 2-4 YEARS: WHY WAS (NAME) MEASURED LYING DOWN?<br><br>_____<br>_____                                                                                                                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |       |
| 112 | WAS THE RECORDED MEASUREMENT INTERFERED WITH BY BRAIDED OR ORNAMENTED HAIR?                                                                                                                                                                                                               | YES ..... 1<br>NO ..... 2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |       |
| 113 | ENTER BIOMARKER NUMBER OF MEASURER.                                                                                                                                                                                                                                                       | <span style="border: 1px solid black; padding: 0 5px;">  </span> <span style="border: 1px solid black; padding: 0 5px;">  </span> <span style="border: 1px solid black; padding: 0 5px;">  </span> <span style="border: 1px solid black; padding: 0 5px;">  </span><br>BIOMARKER NUMBER                                                                                                                                                                                                                                                                                        |       |
| 114 | ENTER BIOMARKER NUMBER OF ASSISTANT MEASURER.                                                                                                                                                                                                                                             | <span style="border: 1px solid black; padding: 0 5px;">  </span> <span style="border: 1px solid black; padding: 0 5px;">  </span> <span style="border: 1px solid black; padding: 0 5px;">  </span> <span style="border: 1px solid black; padding: 0 5px;">  </span><br>BIOMARKER NUMBER                                                                                                                                                                                                                                                                                        |       |
| 115 | TODAY'S DATE:                                                                                                                                                                                                                                                                             | DAY ..... <span style="border: 1px solid black; padding: 0 5px;">  </span> <span style="border: 1px solid black; padding: 0 5px;">  </span><br>MONTH ..... <span style="border: 1px solid black; padding: 0 5px;">  </span> <span style="border: 1px solid black; padding: 0 5px;">  </span><br>YEAR ..... <span style="border: 1px solid black; padding: 0 5px;">  </span> <span style="border: 1px solid black; padding: 0 5px;">  </span> <span style="border: 1px solid black; padding: 0 5px;">  </span> <span style="border: 1px solid black; padding: 0 5px;">  </span> |       |

WEIGHT, HEIGHT, AND HEMOGLOBIN MEASUREMENT FOR CHILDREN AGE 0-4

|     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                                                                                                                            |       |
|-----|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------|-------|
|     | CHILD 3                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                                                            | SKIP  |
| 116 | RECORD HEIGHT/LENGTH AND WEIGHT IN THE [ANTHROPOMETRY AND ANEMIA PAMPHLET].                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                                                                                                                                            |       |
| 117 | CHECK 103: IS THE CHILD AGE 0-5 MONTHS <input type="checkbox"/> OLDER <input type="checkbox"/> AGE 0-5 MONTHS <input type="checkbox"/> → 125                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                                                                                                                            |       |
| 118 | RECORD NAME OF PARENT/RESPONSIBLE ADULT FOR THE CHILD.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | NAME _____<br>LINE NUMBER ..... <input type="text"/>                                                                                       |       |
| 119 | ASK CONSENT FOR ANEMIA TEST FROM PARENT/RESPONSIBLE ADULT:<br><br>As part of this survey, we are asking people all over the country to take an anemia test. Anemia is a serious health problem that usually results from poor nutrition, infection, or chronic disease. This survey will assist the government to develop programs to prevent and treat anemia. We ask that all children under age 5 take part in anemia testing. The anemia test requires a few drops of blood from a finger or heel. The equipment used to take the blood is clean and completely safe. It has never been used before and will be thrown away after each test.<br><br>The blood will be tested for anemia immediately, and the result will be told to you right away. The result will be kept strictly confidential and will not be shared with anyone other than members of our survey team.<br><br>Do you have any questions?<br>You can say yes or no. It is up to you to decide. |                                                                                                                                            |       |
| 120 | CIRCLE THE CODE.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | GRANTED ..... 1<br>REFUSED ..... 2<br>NOT PRESENT/OTHER ..... 3                                                                            |       |
| 121 | SIGN NAME AND ENTER BIOMARKER NUMBER OF HEMOGLOBIN MEASURER.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | _____<br>(SIGN)<br><div style="border: 1px solid black; width: 40px; height: 20px; margin: 5px auto;"></div> BIOMARKER NUMBER              |       |
| 122 | RECORD HEMOGLOBIN LEVEL HERE AND IN THE ANTHROPOMETRY AND ANEMIA PAMPHLET.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | G/DL ..... <input type="text"/> <input type="text"/> <input type="text"/><br>NOT PRESENT ..... 994<br>REFUSED ..... 995<br>OTHER ..... 996 | → 125 |
| 123 | CHECK 122: HEMOGLOBIN RESULT                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | BELOW 8.0 G/DL,<br>SEVERE ANEMIA ..... 1<br>8.0 G/DL OR ABOVE ..... 2                                                                      | → 125 |
| 124 | The anemia test shows that (NAME OF CHILD) has severe anemia. Your child is very ill and must be taken to a health facility immediately.<br><br>RECORD THE RESULT OF THE ANEMIA TEST ON THE SEVERE ANEMIA REFERRAL FORM.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                                                                                                            |       |
| 125 | IF ANOTHER CHILD, GO TO 102 IN ADDITIONAL QUESTIONNAIRE; IF NO MORE CHILDREN, GO TO 201.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                                                                                                            |       |



WEIGHT, HEIGHT, AND HEMOGLOBIN MEASUREMENT FOR WOMEN AGE 15-49

|     |                                                                                                                                                                                                                                                                                                |                                                                                                                                                                                                                     |       |
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| 201 | CHECK CAPI OUTPUT FOR "LIST ELIGIBLE INDIVIDUALS/BIOMARKERS". RECORD THE LINE NUMBER, NAME, AGE, AND MARITAL STATUS FOR ALL ELIGIBLE WOMEN IN 202, 203, AND 204 ON THIS PAGE AND SUBSEQUENT PAGES STARTING WITH THE FIRST ONE LISTED. IF MORE THAN TWO WOMEN, USE ADDITIONAL QUESTIONNAIRE(S). |                                                                                                                                                                                                                     |       |
|     | WOMAN 1                                                                                                                                                                                                                                                                                        |                                                                                                                                                                                                                     | SKIP  |
| 202 | CHECK CAPI OUTPUT AND RECORD NAME AND LINE NUMBER OF WOMAN.                                                                                                                                                                                                                                    | NAME _____<br><br>LINE NUMBER ..... <input type="text"/> <input type="text"/>                                                                                                                                       |       |
| 203 | CHECK CAPI OUTPUT FOR AGE:                                                                                                                                                                                                                                                                     | 15-17 YEARS ..... 1<br>18-49 YEARS ..... 2                                                                                                                                                                          |       |
| 204 | CHECK CAPI OUTPUT FOR MARITAL STATUS:                                                                                                                                                                                                                                                          | NEVER IN UNION ..... 1<br>OTHER ..... 2                                                                                                                                                                             |       |
|     |                                                                                                                                                                                                                                                                                                |                                                                                                                                                                                                                     |       |
| 205 | WEIGHT IN KILOGRAMS.                                                                                                                                                                                                                                                                           | KG. .... <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> . <input type="text"/> <input type="text"/><br><br>NOT PRESENT ..... 99994<br>REFUSED ..... 99995<br>OTHER ..... 99996 | → 207 |
| 206 | WAS THE WOMAN WEARING ONLY LIGHTWEIGHT CLOTHING?                                                                                                                                                                                                                                               | YES ..... 1<br>NO ..... 2                                                                                                                                                                                           |       |
| 207 | HEIGHT IN CENTIMETERS.                                                                                                                                                                                                                                                                         | CM. .... <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/><br><br>NOT PRESENT ..... 9994<br>REFUSED ..... 9995<br>OTHER ..... 9996                                                | → 209 |
| 208 | WAS THE RECORDED MEASUREMENT INTERFERED WITH BY BRAIDED OR ORNAMENTED HAIR?                                                                                                                                                                                                                    | YES ..... 1<br>NO ..... 2                                                                                                                                                                                           |       |
| 209 | ENTER BIOMARKER NUMBER OF MEASURER.                                                                                                                                                                                                                                                            | <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/><br>BIOMARKER NUMBER                                                                                                             |       |
| 210 | ENTER BIOMARKER NUMBER OF ASSISTANT MEASURER.<br>IF NO ASSISTANT MEASURER, ENTER 9999.                                                                                                                                                                                                         | <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/><br>BIOMARKER NUMBER                                                                                                             |       |
| 211 | TODAY'S DATE:                                                                                                                                                                                                                                                                                  | DAY ..... <input type="text"/> <input type="text"/><br>MONTH ..... <input type="text"/> <input type="text"/><br>YEAR ..... <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/>      |       |
| 212 | CHECK 203:                                                                                                                                                                                                                                                                                     | AGE 15-17 YEARS <input type="checkbox"/><br>AGE 18-49 YEARS <input type="checkbox"/>                                                                                                                                | → 214 |
| 213 | CHECK 204:                                                                                                                                                                                                                                                                                     | OTHER <input type="checkbox"/><br>NEVER IN UNION <input type="checkbox"/>                                                                                                                                           | → 217 |

**WEIGHT, HEIGHT AND HEMOGLOBIN MEASUREMENT FOR WOMEN AGE 15-49**

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|--|---------|--|------|
|  | WOMAN 1 |  | SKIP |
|--|---------|--|------|

| <b>ADULT RESPONDENT CONSENT FOR ANEMIA TEST</b>                                                                                                  |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
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| <b>A<br/>D<br/>U<br/>L<br/>T<br/><br/>R<br/>E<br/>S<br/>P<br/>O<br/>N<br/>D<br/>E<br/>N<br/>T<br/><br/>C<br/>O<br/>N<br/>S<br/>E<br/>N<br/>T</b> | 214   | <b>ASK CONSENT FOR ANEMIA TEST:</b><br><br>As part of this survey, we are asking people all over the country to take an anemia test. Anemia is a serious health problem that usually results from poor nutrition, infection, or chronic disease. This survey will assist the government to develop programs to prevent and treat anemia.<br><br>For the anemia testing, we will need a few drops of blood from a finger. The equipment used to take the blood is clean and completely safe. It has never been used before and will be thrown away after we take your blood. The blood will be tested for anemia immediately, and the result will be told to you right away. The result will be kept strictly confidential and will not be shared with anyone other than members of our survey team.<br><br>Do you have any questions?<br>You can say yes or no. It is up to you to decide.<br>Will you take the anemia test? |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
|                                                                                                                                                  | # 215 | CIRCLE THE CODE.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | GRANTED ..... 1<br>REFUSED ..... 2<br>NOT PRESENT/OTHER .... 3                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
|                                                                                                                                                  | 216   | SIGN NAME AND ENTER BIOMARKER NUMBER OF HEMOGLOBIN MEASURER.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | <div style="text-align: center;">           _____<br/>           (SIGN)         </div> <div style="text-align: center; margin-top: 10px;"> <div style="display: inline-block; width: 20px; height: 20px; border: 1px solid black; margin: 2px;"></div> <div style="display: inline-block; width: 20px; height: 20px; border: 1px solid black; margin: 2px;"></div> <div style="display: inline-block; width: 20px; height: 20px; border: 1px solid black; margin: 2px;"></div> <div style="display: inline-block; width: 20px; height: 20px; border: 1px solid black; margin: 2px;"></div> </div> <div style="text-align: center; margin-top: 5px;">BIOMARKER NUMBER</div> |
|                                                                                                                                                  |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | → 225                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |

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|  | 217 RECORD NAME OF PARENT/RESPONSIBLE ADULT FOR MINOR. | NAME _____<br><br>LINE NUMBER OF PARENT/<br>RESPONSIBLE ADULT<br><div style="text-align: center; margin-top: 10px;"> <div style="display: inline-block; width: 20px; height: 20px; border: 1px dashed black; margin: 2px;"></div> <div style="display: inline-block; width: 20px; height: 20px; border: 1px dashed black; margin: 2px;"></div> </div> |
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| <b>PARENT/RESPONSIBLE ADULT CONSENT FOR ANEMIA TEST</b>                                                                                                                                          |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
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| <b>P<br/>A<br/>R<br/>E<br/>N<br/>T<br/>/<br/>R<br/>E<br/>S<br/>P<br/>O<br/>N<br/>S<br/>I<br/>B<br/>L<br/>E<br/><br/>A<br/>D<br/>U<br/>L<br/>T<br/><br/>C<br/>O<br/>N<br/>S<br/>E<br/>N<br/>T</b> | 218   | <b>ASK CONSENT FOR ANEMIA TEST FROM PARENT/RESPONSIBLE ADULT:</b><br><br>As part of this survey, we are asking people all over the country to take an anemia test. Anemia is a serious health problem that usually results from poor nutrition, infection, or chronic disease. This survey will assist the government to develop programs to prevent and treat anemia.<br><br>For the anemia testing, we will need a few drops of blood from a finger. The equipment used to take the blood is clean and completely safe. It has never been used before and will be thrown away after each test. The blood will be tested for anemia immediately, and the result will be told to you and (NAME OF MINOR) right away. The result will be kept strictly confidential and will not be shared with anyone other than members of our survey team.<br><br>Do you have any questions?<br>You can say yes or no. It is up to you to decide.<br>Will you allow (NAME OF MINOR) to take the anemia test? |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
|                                                                                                                                                                                                  | # 219 | CIRCLE THE CODE.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | GRANTED ..... 1<br>PARENT/RESPONSIBLE<br>ADULT REFUSED ..... 2<br>NOT PRESENT/OTHER .... 3                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
|                                                                                                                                                                                                  | 220   | SIGN NAME AND ENTER BIOMARKER NUMBER OF HEMOGLOBIN MEASURER.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | <div style="text-align: center;">           _____<br/>           (SIGN)         </div> <div style="text-align: center; margin-top: 10px;"> <div style="display: inline-block; width: 20px; height: 20px; border: 1px solid black; margin: 2px;"></div> <div style="display: inline-block; width: 20px; height: 20px; border: 1px solid black; margin: 2px;"></div> <div style="display: inline-block; width: 20px; height: 20px; border: 1px solid black; margin: 2px;"></div> <div style="display: inline-block; width: 20px; height: 20px; border: 1px solid black; margin: 2px;"></div> </div> <div style="text-align: center; margin-top: 5px;">BIOMARKER NUMBER</div> |
|                                                                                                                                                                                                  |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | → 225                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |

|  |                |                                          |                                                               |
|--|----------------|------------------------------------------|---------------------------------------------------------------|
|  | 221 CHECK 219: | CONSENT GRANTED <input type="checkbox"/> | CONSENT REFUSED OR NOT PRESENT/OTHER <input type="checkbox"/> |
|  |                |                                          | → 225                                                         |

**WEIGHT, HEIGHT AND HEMOGLOBIN MEASUREMENT FOR WOMEN AGE 15-49**

|                                                |                                                                                                                                                                                                          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
|------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                                                | WOMAN 1                                                                                                                                                                                                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | SKIP                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| <b>MINOR RESPONDENT ASSENT FOR ANEMIA TEST</b> |                                                                                                                                                                                                          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| <b>MINOR RESPONDENT ASSENT</b>                 | 222                                                                                                                                                                                                      | <p><b>ASK ASSENT FOR ANEMIA TEST FROM MINOR RESPONDENT:</b></p> <p>As part of this survey, we are asking people all over the country to take an anemia test. Anemia is a serious health problem that usually results from poor nutrition, infection, or chronic disease. This survey will assist the government to develop programs to prevent and treat anemia.</p> <p>For the anemia testing, we will need a few drops of blood from a finger. The equipment used to take the blood is clean and completely safe. It has never been used before and will be thrown away after we take your blood. The blood will be tested for anemia immediately, and the result will be told to you and (NAME OF PARENT/RESPONSIBLE ADULT) right away. The result will be kept strictly confidential and will not be shared with anyone other than members of our survey team.</p> <p>Do you have any questions?<br/>You can say yes or no. It is up to you to decide.<br/>Will you take the anemia test?</p> |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
|                                                | # 223                                                                                                                                                                                                    | CIRCLE THE CODE.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | <p>GRANTED ..... 1<br/>MINOR RESPONDENT<br/>REFUSED ..... 2<br/>NOT PRESENT/OTHER .... 3</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
|                                                | 224                                                                                                                                                                                                      | SIGN NAME AND ENTER BIOMARKER NUMBER OF HEMOGLOBIN MEASURER.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | <p align="center">_____<br/>(SIGN)</p> <p align="center"> <div style="display: inline-block; border: 1px solid black; width: 20px; height: 20px; margin: 2px;"></div> <div style="display: inline-block; border: 1px solid black; width: 20px; height: 20px; margin: 2px;"></div> <div style="display: inline-block; border: 1px solid black; width: 20px; height: 20px; margin: 2px;"></div> <div style="display: inline-block; border: 1px solid black; width: 20px; height: 20px; margin: 2px;"></div> </p> <p align="center">BIOMARKER NUMBER</p> |
|                                                | # 225                                                                                                                                                                                                    | RECORD HEMOGLOBIN LEVEL HERE AND IN THE ANTHROPOMETRY AND ANEMIA PAMPHLET.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | <p>G/DL ..... <div style="display: inline-block; border: 1px solid black; width: 20px; height: 20px; margin: 2px;"></div> <div style="display: inline-block; border: 1px solid black; width: 20px; height: 20px; margin: 2px;"></div> <div style="display: inline-block; border: 1px solid black; width: 20px; height: 20px; margin: 2px;"></div></p> <p>NOT PRESENT ..... 994<br/>REFUSED ..... 995<br/>OTHER ..... 996</p>                                                                                                                          |
|                                                | 226                                                                                                                                                                                                      | CHECK 225: HEMOGLOBIN RESULT                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | <p>BELOW 8.0 G/DL,<br/>SEVERE ANEMIA ..... 1<br/>8.0 G/DL OR ABOVE ..... 2</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| 227                                            | <p>The anemia test shows that you have severe anemia. You are very ill and must go to a health facility immediately.</p> <p>RECORD THE RESULT OF THE ANEMIA TEST ON THE SEVERE ANEMIA REFERRAL FORM.</p> |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| 228                                            | IF ANOTHER WOMAN, GO TO 202 ON THE NEXT PAGE; IF NO MORE WOMEN, END INTERVIEW.                                                                                                                           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |

WEIGHT, HEIGHT, AND HEMOGLOBIN MEASUREMENT FOR WOMEN AGE 15-49

|     |                                                                                                                                                                                                                                                                                                |                                                                                                                                                                                                                     |       |
|-----|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|
| 201 | CHECK CAPI OUTPUT FOR "LIST ELIGIBLE INDIVIDUALS/BIOMARKERS". RECORD THE LINE NUMBER, NAME, AGE, AND MARITAL STATUS FOR ALL ELIGIBLE WOMEN IN 202, 203, AND 204 ON THIS PAGE AND SUBSEQUENT PAGES STARTING WITH THE FIRST ONE LISTED. IF MORE THAN TWO WOMEN, USE ADDITIONAL QUESTIONNAIRE(S). |                                                                                                                                                                                                                     |       |
|     | WOMAN 2                                                                                                                                                                                                                                                                                        |                                                                                                                                                                                                                     | SKIP  |
| 202 | CHECK CAPI OUTPUT AND RECORD NAME AND LINE NUMBER OF WOMAN.                                                                                                                                                                                                                                    | NAME _____<br><br>LINE NUMBER ..... <input type="text"/> <input type="text"/>                                                                                                                                       |       |
| 203 | CHECK CAPI OUTPUT FOR AGE:                                                                                                                                                                                                                                                                     | 15-17 YEARS ..... 1<br>18-49 YEARS ..... 2                                                                                                                                                                          |       |
| 204 | CHECK CAPI OUTPUT FOR MARITAL STATUS:                                                                                                                                                                                                                                                          | NEVER IN UNION ..... 1<br>OTHER ..... 2                                                                                                                                                                             |       |
| 205 | WEIGHT IN KILOGRAMS.                                                                                                                                                                                                                                                                           | KG. .... <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> . <input type="text"/> <input type="text"/><br><br>NOT PRESENT ..... 99994<br>REFUSED ..... 99995<br>OTHER ..... 99996 | → 207 |
| 206 | WAS THE WOMAN WEARING ONLY LIGHTWEIGHT CLOTHING?                                                                                                                                                                                                                                               | YES ..... 1<br>NO ..... 2                                                                                                                                                                                           |       |
| 207 | HEIGHT IN CENTIMETERS.                                                                                                                                                                                                                                                                         | CM. .... <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/><br><br>NOT PRESENT ..... 9994<br>REFUSED ..... 9995<br>OTHER ..... 9996                           | → 209 |
| 208 | WAS THE RECORDED MEASUREMENT INTERFERED WITH BY BRAIDED OR ORNAMENTED HAIR?                                                                                                                                                                                                                    | YES ..... 1<br>NO ..... 2                                                                                                                                                                                           |       |
| 209 | ENTER BIOMARKER NUMBER OF MEASURER.                                                                                                                                                                                                                                                            | <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/><br>BIOMARKER NUMBER                                                                                                             |       |
| 210 | ENTER BIOMARKER NUMBER OF ASSISTANT MEASURER.<br>IF NO ASSISTANT MEASURER, ENTER 9999.                                                                                                                                                                                                         | <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/><br>BIOMARKER NUMBER                                                                                                             |       |
| 211 | TODAY'S DATE:                                                                                                                                                                                                                                                                                  | DAY ..... <input type="text"/> <input type="text"/><br>MONTH ..... <input type="text"/> <input type="text"/><br>YEAR ..... <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/>      |       |
| 212 | CHECK 203:                                                                                                                                                                                                                                                                                     | AGE 15-17 YEARS <input type="checkbox"/><br>AGE 18-49 YEARS <input type="checkbox"/>                                                                                                                                | → 214 |
| 213 | CHECK 204:                                                                                                                                                                                                                                                                                     | OTHER <input type="checkbox"/><br>NEVER IN UNION <input type="checkbox"/>                                                                                                                                           | → 217 |

**WEIGHT, HEIGHT AND HEMOGLOBIN MEASUREMENT FOR WOMEN AGE 15-49**

|  |         |  |      |
|--|---------|--|------|
|  | WOMAN 2 |  | SKIP |
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| <b>ADULT RESPONDENT CONSENT FOR ANEMIA TEST</b>                                                                                                  |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                                                                                                                                                                                                                                                                                                                                                                                         |
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| <b>A<br/>D<br/>U<br/>L<br/>T<br/><br/>R<br/>E<br/>S<br/>P<br/>O<br/>N<br/>D<br/>E<br/>N<br/>T<br/><br/>C<br/>O<br/>N<br/>S<br/>E<br/>N<br/>T</b> | 214   | <b>ASK CONSENT FOR ANEMIA TEST:</b><br><br><p>As part of this survey, we are asking people all over the country to take an anemia test. Anemia is a serious health problem that usually results from poor nutrition, infection, or chronic disease. This survey will assist the government to develop programs to prevent and treat anemia.</p> <p>For the anemia testing, we will need a few drops of blood from a finger. The equipment used to take the blood is clean and completely safe. It has never been used before and will be thrown away after we take your blood. The blood will be tested for anemia immediately, and the result will be told to you right away. The result will be kept strictly confidential and will not be shared with anyone other than members of our survey team.</p> <p>Do you have any questions?<br/>You can say yes or no. It is up to you to decide.<br/>Will you take the anemia test?</p> |                                                                                                                                                                                                                                                                                                                                                                                                         |
|                                                                                                                                                  | # 215 | CIRCLE THE CODE.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | GRANTED ..... 1<br>REFUSED ..... 2<br>NOT PRESENT/OTHER .... 3                                                                                                                                                                                                                                                                                                                                          |
|                                                                                                                                                  | 216   | SIGN NAME AND ENTER BIOMARKER NUMBER OF HEMOGLOBIN MEASURER.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | _____<br>(SIGN)<br><br><div style="border: 1px solid black; width: 40px; height: 20px; margin: 0 auto;"></div> <div style="border: 1px solid black; width: 40px; height: 20px; margin: 0 auto;"></div> <div style="border: 1px solid black; width: 40px; height: 20px; margin: 0 auto;"></div> <div style="border: 1px solid black; width: 40px; height: 20px; margin: 0 auto;"></div> BIOMARKER NUMBER |
|                                                                                                                                                  |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | → 225                                                                                                                                                                                                                                                                                                                                                                                                   |

|  |                                                        |                                                                                                                                                           |
|--|--------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------|
|  | 217 RECORD NAME OF PARENT/RESPONSIBLE ADULT FOR MINOR. | NAME _____<br><br>LINE NUMBER OF PARENT/<br>RESPONSIBLE ADULT<br><div style="border: 1px dashed black; width: 30px; height: 20px; margin: 0 auto;"></div> |
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| <b>PARENT/RESPONSIBLE ADULT CONSENT FOR ANEMIA TEST</b>                                                                                                                                          |                                                                                                                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                                                                                                                                                                                                                                                                                                                                                                                         |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>P<br/>A<br/>R<br/>E<br/>N<br/>T<br/>/<br/>R<br/>E<br/>S<br/>P<br/>O<br/>N<br/>S<br/>I<br/>B<br/>L<br/>E<br/><br/>A<br/>D<br/>U<br/>L<br/>T<br/><br/>C<br/>O<br/>N<br/>S<br/>E<br/>N<br/>T</b> | 218                                                                                                                    | <b>ASK CONSENT FOR ANEMIA TEST FROM PARENT/RESPONSIBLE ADULT:</b><br><br><p>As part of this survey, we are asking people all over the country to take an anemia test. Anemia is a serious health problem that usually results from poor nutrition, infection, or chronic disease. This survey will assist the government to develop programs to prevent and treat anemia.</p> <p>For the anemia testing, we will need a few drops of blood from a finger. The equipment used to take the blood is clean and completely safe. It has never been used before and will be thrown away after each test. The blood will be tested for anemia immediately, and the result will be told to you and (NAME OF MINOR) right away. The result will be kept strictly confidential and will not be shared with anyone other than members of our survey team.</p> <p>Do you have any questions?<br/>You can say yes or no. It is up to you to decide.<br/>Will you allow (NAME OF MINOR) to take the anemia test?</p> |                                                                                                                                                                                                                                                                                                                                                                                                         |
|                                                                                                                                                                                                  | # 219                                                                                                                  | CIRCLE THE CODE.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | GRANTED ..... 1<br>PARENT/RESPONSIBLE<br>ADULT REFUSED ..... 2<br>NOT PRESENT/OTHER .... 3                                                                                                                                                                                                                                                                                                              |
|                                                                                                                                                                                                  | 220                                                                                                                    | SIGN NAME AND ENTER BIOMARKER NUMBER OF HEMOGLOBIN MEASURER.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | _____<br>(SIGN)<br><br><div style="border: 1px solid black; width: 40px; height: 20px; margin: 0 auto;"></div> <div style="border: 1px solid black; width: 40px; height: 20px; margin: 0 auto;"></div> <div style="border: 1px solid black; width: 40px; height: 20px; margin: 0 auto;"></div> <div style="border: 1px solid black; width: 40px; height: 20px; margin: 0 auto;"></div> BIOMARKER NUMBER |
|                                                                                                                                                                                                  |                                                                                                                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | → 225                                                                                                                                                                                                                                                                                                                                                                                                   |
| 221                                                                                                                                                                                              | CHECK 219:      CONSENT GRANTED <input type="checkbox"/> CONSENT REFUSED OR NOT PRESENT/OTHER <input type="checkbox"/> |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | → 225                                                                                                                                                                                                                                                                                                                                                                                                   |

|                                                |       | WOMAN 2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | SKIP                                                                                                                                                                                                                                                                                                                                                                                                        |
|------------------------------------------------|-------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>MINOR RESPONDENT ASSENT FOR ANEMIA TEST</b> |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                                                                                                                                                                                                                                                                                                                                                                                                             |
| MINOR<br>RESPONDENT<br>ASSENT                  | 222   | <p>ASK ASSENT FOR ANEMIA TEST FROM MINOR RESPONDENT:</p> <p>As part of this survey, we are asking people all over the country to take an anemia test. Anemia is a serious health problem that usually results from poor nutrition, infection, or chronic disease. This survey will assist the government to develop programs to prevent and treat anemia.</p> <p>For the anemia testing, we will need a few drops of blood from a finger. The equipment used to take the blood is clean and completely safe. It has never been used before and will be thrown away after we take your blood. The blood will be tested for anemia immediately, and the result will be told to you and (NAME OF PARENT/RESPONSIBLE ADULT) right away. The result will be kept strictly confidential and will not be shared with anyone other than members of our survey team.</p> <p>Do you have any questions?<br/>You can say yes or no. It is up to you to decide.<br/>Will you take the anemia test?</p> |                                                                                                                                                                                                                                                                                                                                                                                                             |
|                                                | # 223 | CIRCLE THE CODE.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | GRANTED ..... 1<br>MINOR RESPONDENT<br>REFUSED ..... 2<br>NOT PRESENT/OTHER .... 3                                                                                                                                                                                                                                                                                                                          |
|                                                | 224   | SIGN NAME AND ENTER BIOMARKER NUMBER OF HEMOGLOBIN MEASURER.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | _____<br>(SIGN)<br><div style="display: flex; justify-content: center; gap: 10px;"> <div style="border: 1px solid black; width: 20px; height: 20px;"></div> <div style="border: 1px solid black; width: 20px; height: 20px;"></div> <div style="border: 1px solid black; width: 20px; height: 20px;"></div> <div style="border: 1px solid black; width: 20px; height: 20px;"></div> </div> BIOMARKER NUMBER |
|                                                | # 225 | RECORD HEMOGLOBIN LEVEL HERE AND IN THE ANTHROPOMETRY AND ANEMIA PAMPHLET.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | G/DL ..... <div style="display: flex; justify-content: center; gap: 5px;"> <div style="border: 1px solid black; width: 20px; height: 20px;"></div> <div style="border: 1px solid black; width: 20px; height: 20px;"></div> <div style="border: 1px solid black; width: 20px; height: 20px;"></div> </div> NOT PRESENT ..... 994<br>REFUSED ..... 995<br>OTHER ..... 996                                     |
|                                                | 226   | CHECK 225: HEMOGLOBIN RESULT                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | BELOW 8.0 G/DL,<br>SEVERE ANEMIA ..... 1<br>8.0 G/DL OR ABOVE ..... 2                                                                                                                                                                                                                                                                                                                                       |
|                                                | 227   | <p>The anemia test shows that you have severe anemia. You are very ill and must go to a health facility immediately.</p> <p>RECORD THE RESULT OF THE ANEMIA TEST ON THE SEVERE ANEMIA REFERRAL FORM.</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                                                                                                                                                                                                                                                                                                                                                                                             |
|                                                | 228   | IF ANOTHER WOMAN, GO TO 202 IN ADDITIONAL QUESTIONNAIRE; IF NO MORE WOMEN, END INTERVIEW.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                                                                                                                                                                                                                                                                                                                                                                                             |

TO BE FILLED IN AFTER COMPLETING BIOMARKERS

[illegible][illegible]

2023TAJIKISTAN DEMOGRAPHIC AND HEALTH SURVEY  
 REMEASUREMENT QUESTIONNAIRE

REPUBLIC OF TAJIKISTAN  
 AGENCY ON STATISTICS UNDER THE PRESIDENT OF THE REPUBLIC OF TAJIKISTAN  
 MINISTRY OF HEALTH AND SOCIAL PROTECTION OF THE POPULATION OF THE REPUBLIC OF TAJIKISTAN

| IDENTIFICATION                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| PLACE NAME _____                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| NAME OF HOUSEHOLD HEAD _____                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| CLUSTER NUMBER .....                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | <div style="display: flex; flex-wrap: wrap;"> <div style="width: 25px; height: 25px; border: 1px solid black; margin: 2px;"></div> <div style="width: 25px; height: 25px; border: 1px solid black; margin: 2px;"></div> <div style="width: 25px; height: 25px; border: 1px solid black; margin: 2px;"></div> <div style="width: 25px; height: 25px; border: 1px solid black; margin: 2px;"></div> </div>                                                                                                                                                                                                                                                                             |
| HOUSEHOLD NUMBER .....                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | <div style="display: flex; flex-wrap: wrap;"> <div style="width: 25px; height: 25px; border: 1px solid black; margin: 2px;"></div> <div style="width: 25px; height: 25px; border: 1px solid black; margin: 2px;"></div> <div style="width: 25px; height: 25px; border: 1px solid black; margin: 2px;"></div> <div style="width: 25px; height: 25px; border: 1px solid black; margin: 2px;"></div> </div>                                                                                                                                                                                                                                                                             |
| [COUNTRY-SPECIFIC QUESTION ON BIOMARKER SUBSAMPLING] .....                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| [FIELDWORKER] VISITS (2)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 2              | 3                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | FINAL VISIT                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| DATE                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | _____                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | _____          | _____                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | DAY <div style="display: flex; flex-wrap: wrap; margin-top: 5px;"> <div style="width: 25px; height: 25px; border: 1px solid black; margin: 2px;"></div> <div style="width: 25px; height: 25px; border: 1px solid black; margin: 2px;"></div> </div>                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| BIOMARKER NAME                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | _____                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | _____          | _____                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | MONTH <div style="display: flex; flex-wrap: wrap; margin-top: 5px;"> <div style="width: 25px; height: 25px; border: 1px solid black; margin: 2px;"></div> <div style="width: 25px; height: 25px; border: 1px solid black; margin: 2px;"></div> </div> YEAR <div style="display: flex; flex-wrap: wrap; margin-top: 5px;"> <div style="width: 25px; height: 25px; border: 1px solid black; margin: 2px;"></div> <div style="width: 25px; height: 25px; border: 1px solid black; margin: 2px;"></div> <div style="width: 25px; height: 25px; border: 1px solid black; margin: 2px;"></div> <div style="width: 25px; height: 25px; border: 1px solid black; margin: 2px;"></div> </div> |
| NEXT VISIT: DATE<br>TIME                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | _____<br>_____                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | _____<br>_____ |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | TOTAL NUMBER OF VISITS <div style="display: flex; flex-wrap: wrap; margin-top: 5px;"> <div style="width: 25px; height: 25px; border: 1px solid black; margin: 2px;"></div> </div>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| BIOMARKER OBSERVATIONS                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | TOTAL CHILDREN TO REMEASURE <div style="display: flex; flex-wrap: wrap; margin-top: 5px;"> <div style="width: 25px; height: 25px; border: 1px solid black; margin: 2px;"></div> <div style="width: 25px; height: 25px; border: 1px solid black; margin: 2px;"></div> </div>                                                                                                                                                                                                                                                                                                                                                                                                          |
| _____<br>_____<br>_____<br>_____<br>_____<br>_____                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| <div style="display: flex; justify-content: space-between;"> <div>           LANGUAGE OF QUESTIONNAIRE** <div style="display: flex; align-items: center;"> <div style="width: 25px; height: 25px; border: 1px solid black; text-align: center; margin: 0 5px;">0</div> <div style="width: 25px; height: 25px; border: 1px solid black; text-align: center; margin: 0 5px;">1</div> </div> </div> <div>           LANGUAGE OF INTERVIEW** <div style="display: flex; align-items: center;"> <div style="width: 25px; height: 25px; border: 1px solid black; margin: 0 5px;"></div> <div style="width: 25px; height: 25px; border: 1px solid black; margin: 0 5px;"></div> </div> </div> <div>           NATIVE LANGUAGE OF RESPONDENT** <div style="display: flex; align-items: center;"> <div style="width: 25px; height: 25px; border: 1px solid black; margin: 0 5px;"></div> <div style="width: 25px; height: 25px; border: 1px solid black; margin: 0 5px;"></div> </div> </div> <div>           TRANSLATOR (YES = 1, NO = 2) <div style="width: 25px; height: 25px; border: 1px solid black; margin: 0 5px;"></div> </div> </div> <div style="display: flex; justify-content: space-between; margin-top: 10px;"> <div>           LANGUAGE OF QUESTIONNAIRE** <b>ENGLISH</b> </div> <div>           **LANGUAGE CODES:<br/>           01 ENGLISH<br/>           02 RUSSIAN         </div> <div>           03 TAJIK<br/>           04 LANGUAGE 4         </div> <div>           05 LANGUAGE 5<br/>           06 LANGUAGE 6         </div> </div> |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| TEAM<br><div style="display: flex; align-items: center; margin-top: 5px;"> <div style="width: 25px; height: 25px; border: 1px solid black; margin: 0 5px;"></div> <div style="width: 25px; height: 25px; border: 1px solid black; margin: 0 5px;"></div> </div> NUMBER                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | TEAM SUPERVISOR<br><div style="display: flex; align-items: center; margin-top: 5px;"> <div style="width: 100px; border-bottom: 1px solid black; margin-right: 5px;"></div> <div style="display: flex; align-items: center;"> <div style="width: 25px; height: 25px; border: 1px solid black; margin: 0 5px;"></div> <div style="width: 25px; height: 25px; border: 1px solid black; margin: 0 5px;"></div> <div style="width: 25px; height: 25px; border: 1px solid black; margin: 0 5px;"></div> <div style="width: 25px; height: 25px; border: 1px solid black; margin: 0 5px;"></div> </div> </div> <div style="display: flex; justify-content: space-around; margin-top: 5px;"> <div>NAME</div> <div>NUMBER</div> </div> |                | CAPI SUPERVISOR (3)<br><div style="display: flex; align-items: center; margin-top: 5px;"> <div style="width: 100px; border-bottom: 1px solid black; margin-right: 5px;"></div> <div style="display: flex; align-items: center;"> <div style="width: 25px; height: 25px; border: 1px solid black; margin: 0 5px;"></div> <div style="width: 25px; height: 25px; border: 1px solid black; margin: 0 5px;"></div> <div style="width: 25px; height: 25px; border: 1px solid black; margin: 0 5px;"></div> <div style="width: 25px; height: 25px; border: 1px solid black; margin: 0 5px;"></div> </div> </div> <div style="display: flex; justify-content: space-around; margin-top: 5px;"> <div>NAME</div> <div>NUMBER</div> </div> |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |

Note: Brackets [ ] indicate items that should be adapted on a country-specific basis.



**REMEASUREMENT OF WEIGHT AND HEIGHT FOR SELECTED CHILDREN AGE 0-4**

|     |                                                                                                                                                                                                                                                             |                                                                                                                                                                                                                                                                                                                                                                                                             |       |
|-----|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|
| 101 | CHECK CAPI REPORT FOR CHILDREN SELECTED FOR REMEASUREMENT. RECORD THE LINE NUMBER AND NAME FOR THE FIRST CHILD SELECTED FOR REMEASUREMENT IN QUESTION 102 ON THIS PAGE. IF MORE THAN ONE CHILD IS SELECTED IN A HOUSEHOLD, USE ADDITIONAL QUESTIONNAIRE(S). |                                                                                                                                                                                                                                                                                                                                                                                                             |       |
|     | CHILD TO REMEASURE                                                                                                                                                                                                                                          | SKIP                                                                                                                                                                                                                                                                                                                                                                                                        |       |
| 102 | CHECK CAPI REPORT AND RECORD NAME AND LINE NUMBER OF CHILD.                                                                                                                                                                                                 | NAME _____                                                                                                                                                                                                                                                                                                                                                                                                  |       |
|     |                                                                                                                                                                                                                                                             | LINE NUMBER ..... <div style="display: inline-block; width: 40px; height: 20px; border: 1px solid black; vertical-align: middle;"></div>                                                                                                                                                                                                                                                                    |       |
| 103 | CHECK CAPI REPORT AND RECORD DATE OF BIRTH OF CHILD.                                                                                                                                                                                                        | DAY ..... <div style="display: inline-block; width: 40px; height: 20px; border: 1px solid black; vertical-align: middle;"></div><br>MONTH ..... <div style="display: inline-block; width: 40px; height: 20px; border: 1px solid black; vertical-align: middle;"></div><br>YEAR ..... <div style="display: inline-block; width: 40px; height: 20px; border: 1px solid black; vertical-align: middle;"></div> |       |
| 104 | CHECK CAPI REPORT AND RECORD CHILD'S AGE IN COMPLETED YEARS.<br>COMPARE AND CORRECT 103 AND/OR 104 IF INCONSISTENT.                                                                                                                                         | AGE IN COMPLETED YEARS <div style="display: inline-block; width: 40px; height: 20px; border: 1px solid black; vertical-align: middle;"></div>                                                                                                                                                                                                                                                               |       |
| 105 | CHECK 104: CHILD AGE 0-4 YEARS?      YES <input type="checkbox"/> NO <input type="checkbox"/>                                                                                                                                                               | → 116                                                                                                                                                                                                                                                                                                                                                                                                       |       |
|     |                                                                                                                                                                                                                                                             |                                                                                                                                                                                                                                                                                                                                                                                                             |       |
| 106 | WEIGHT IN KILOGRAMS.                                                                                                                                                                                                                                        | KG. .... <div style="display: inline-block; width: 40px; height: 20px; border: 1px solid black; vertical-align: middle;"></div> . <div style="display: inline-block; width: 40px; height: 20px; border: 1px solid black; vertical-align: middle;"></div><br>NOT PRESENT .....9994<br>REFUSED ..... 9995<br>OTHER .....9996                                                                                  | → 108 |
| 107 | WAS THE CHILD MINIMALLY DRESSED?                                                                                                                                                                                                                            | YES ..... 1<br>NO ..... 2                                                                                                                                                                                                                                                                                                                                                                                   |       |
| 108 | HEIGHT IN CENTIMETERS.<br><br>IF CHILD IS AGE 0-1 YEARS, MEASURE LYING DOWN.<br>IF CHILD IS AGE 2, 3, OR 4 YEARS, MEASURE STANDING UP.                                                                                                                      | CM. .... <div style="display: inline-block; width: 40px; height: 20px; border: 1px solid black; vertical-align: middle;"></div><br>NOT PRESENT .....9994<br>REFUSED ..... 9995<br>OTHER .....9996                                                                                                                                                                                                           | → 113 |
| 109 | WAS THE CHILD MEASURED LYING DOWN OR STANDING UP?                                                                                                                                                                                                           | LYING DOWN ..... 1<br>STANDING UP ..... 2                                                                                                                                                                                                                                                                                                                                                                   |       |
| 110 | CHECK 104 AND 109: BASED ON CHILD'S AGE, WAS CORRECT MEASUREMENT PROCEDURE FOLLOWED?                                                                                                                                                                        | YES ..... 1<br>NO ..... 2                                                                                                                                                                                                                                                                                                                                                                                   | → 112 |
| 111 | IF CHILD IS AGE 0-1 YEARS: WHY WAS (NAME) MEASURED STANDING UP?<br>IF CHILD IS AGE 2-4 YEARS: WHY WAS (NAME) MEASURED LYING DOWN?<br><hr/> <hr/>                                                                                                            |                                                                                                                                                                                                                                                                                                                                                                                                             |       |
| 112 | WAS THE RECORDED MEASUREMENT INTERFERED WITH BY BRAIDED OR ORNAMENTED HAIR?                                                                                                                                                                                 | YES ..... 1<br>NO ..... 2                                                                                                                                                                                                                                                                                                                                                                                   |       |
| 113 | ENTER BIOMARKER NUMBER OF MEASURER.                                                                                                                                                                                                                         | <div style="display: inline-block; width: 40px; height: 20px; border: 1px solid black; vertical-align: middle;"></div><br>BIOMARKER NUMBER                                                                                                                                                                                                                                                                  |       |
| 114 | ENTER BIOMARKER NUMBER OF ASSISTANT MEASURER.                                                                                                                                                                                                               | <div style="display: inline-block; width: 40px; height: 20px; border: 1px solid black; vertical-align: middle;"></div><br>BIOMARKER NUMBER                                                                                                                                                                                                                                                                  |       |
| 115 | TODAY'S DATE:                                                                                                                                                                                                                                               | DAY ..... <div style="display: inline-block; width: 40px; height: 20px; border: 1px solid black; vertical-align: middle;"></div><br>MONTH ..... <div style="display: inline-block; width: 40px; height: 20px; border: 1px solid black; vertical-align: middle;"></div><br>YEAR ..... <div style="display: inline-block; width: 40px; height: 20px; border: 1px solid black; vertical-align: middle;"></div> |       |
| 116 | IF ANOTHER CHILD, GO TO 102 IN ADDITIONAL QUESTIONNAIRE; IF NO MORE CHILDREN, END INTERVIEW.                                                                                                                                                                |                                                                                                                                                                                                                                                                                                                                                                                                             |       |

2023 DEMOGRAPHIC AND HEALTH SURVEY  
FIELDWORKER QUESTIONNAIRE

REPUBLIC OF TAJIKISTAN  
AGENCY ON STATISTICS UNDER THE PRESIDENT OF THE RT

LANGUAGE OF  
QUESTIONNAIRE **ENGLISH**

| NO. | QUESTIONS AND FILTERS     | CODING CATEGORIES                                                                                | SKIP |
|-----|---------------------------|--------------------------------------------------------------------------------------------------|------|
| 100 | What is your name?        | NAME .....                                                                                       |      |
| 101 | RECORD FIELDWORKER NUMBER | NUMBER ..... <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> |      |

**INSTRUCTIONS**

Information on all TjDHS field workers is collected as part of the TjDHS survey. Please fill out the questions below. The information you provide will be part of the survey data file; however, your name will be removed and will not be part of the data file. Thank you for providing the information needed.

|     |                                                                                                                                                                                                    |                                                                                                                                                                                |  |
|-----|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|
| 102 | In what oblast do you live?                                                                                                                                                                        | DUSHANBE ..... 01<br>GBAO ..... 02<br>SUGHD ..... 03<br>DRS ..... 04<br>KHATLON ..... 05                                                                                       |  |
| 103 | Do you live in a city, town, or rural area?                                                                                                                                                        | CITY ..... 1<br>TOWN ..... 2<br>RURAL ..... 3                                                                                                                                  |  |
| 104 | How old are you?<br>RECORD AGE IN COMPLETED YEARS.                                                                                                                                                 | AGE ..... <input type="text"/> <input type="text"/>                                                                                                                            |  |
| 105 | Are you male or female?                                                                                                                                                                            | MALE ..... 1<br>FEMALE ..... 2                                                                                                                                                 |  |
| 106 | What is your current marital status?                                                                                                                                                               | CURRENTLY MARRIED ..... 1<br>LIVING WITH A MAN/WOMAN ..... 2<br>WIDOWED ..... 3<br>DIVORCED ..... 4<br>SEPARATED ..... 5<br>NEVER MARRIED OR LIVED<br>WITH A MAN/WOMAN ..... 6 |  |
| 107 | How many living children do you have?<br>INCLUDE ONLY CHILDREN WHO ARE YOUR<br>BIOLOGICAL CHILDREN.                                                                                                | LIVING<br>CHILDREN ..... <input type="text"/> <input type="text"/>                                                                                                             |  |
| 108 | Have you ever had a child who died?                                                                                                                                                                | YES ..... 1<br>NO ..... 2                                                                                                                                                      |  |
| 109 | What is the highest level of school you attended:<br>general education school, professional primary<br>(uchiliche), professional middle (teknikum, uchiliche,<br>college), higher or postgraduate? | GENERAL EDUCATION SCHOOL ..... 1<br>PROFESSIONAL PRIMARY ..... 2<br>PROFESSIONAL MIDDLE ..... 3<br>HIGHER ..... 4<br>POSTGRAGUATE ..... 5                                      |  |
| 110 | What is the highest [CLASS/COURSE/YEAR] you<br>completed at that level?<br>IF COMPLETED LESS THAN ONE YEAR AT THAT<br>LEVEL, RECORD '00'.                                                          | CLASS/COURSE/YEAR ..... <input type="text"/> <input type="text"/>                                                                                                              |  |

| NO.  | QUESTIONS AND FILTERS                                                                                                          | CODING CATEGORIES                                                                                                                                                           | SKIP  |
|------|--------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|
| 110A | Have you ever received clinical, medical, or laboratory training or worked in healthcare?                                      | YES ..... 1<br>NO ..... 2                                                                                                                                                   | → 111 |
| 110B | What is your current occupational category or qualification?<br><br>For example, are you a doctor, nurse, midwife or laborant? | MEDICAL DOCTOR ..... 01<br>NURSE/MALE NURSE ..... 02<br>MIDWIFE ..... 03<br>LABORANT ..... 04<br><br>NO TECHNICAL QUALIFICATION ..... 95<br><br>OTHER ..... 96<br>(SPECIFY) |       |
| 112  | What is your ethnicity?                                                                                                        | TAJIKS ..... 01<br>RUSSIANS ..... 02<br>UZBEKS ..... 03<br>KYRGYZ ..... 04<br><br>OTHER ..... 96<br>(SPECIFY)                                                               |       |
| 113  | What languages can you speak?                                                                                                  | TAJIKS ..... A<br>RUSSIANS ..... B<br>UZBEKS ..... C<br>KYRGYZ ..... D<br><br>OTHER ..... X<br>(SPECIFY)                                                                    |       |
| 114  | What is your mother tongue/native language (language spoken at home growing up)?                                               | TAJIKS ..... 01<br>RUSSIANS ..... 02<br>UZBEKS ..... 03<br>KYRGYZ ..... 04<br><br>OTHER ..... 96<br>(SPECIFY)                                                               |       |
| 115  | Have you ever worked on:<br>a) a DHS prior to this survey?<br><br>c) any other survey prior to this survey?                    | YES NO<br>a) DHS ..... 1 2<br><br>c) OTHER SURVEY ..... 1 2                                                                                                                 |       |
| 116  | Were you already working for [AGENCY ON STATISTICS or MINISTRY OF HEALTH] at the time you were employed to work on this DHS?   | YES, AGENCY ON STATISTICS ..... 1<br>YES, MINISTRY OF HEALTH ..... 2<br><br>NO ..... 3                                                                                      | → 118 |
| 117  | Are you a permanent or temporary employee of [AGENCY ON STATISTICS or MINISTRY OF HEALTH]?                                     | PERMANENT ..... 1<br>TEMPORARY ..... 2                                                                                                                                      |       |
| 118  | If you have comments, please write them here.                                                                                  |                                                                                                                                                                             |       |