

# **NATIONAL FAMILY HEALTH SURVEY (NFHS-5)**

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**2019-20**

**ASSAM**

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# CONTENTS

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|   | Page |
|---|------|
| <b>KEY FINDINGS</b>                         |      |
| Introduction.....                           | 1    |
| Household Characteristics .....             | 3    |
| Education .....                             | 6    |
| Fertility .....                             | 7    |
| Family Planning.....                        | 10   |
| Infant and Child Mortality .....            | 13   |
| Maternal Health.....                        | 14   |
| Child Health.....                           | 19   |
| Breastfeeding, Nutrition, and Anaemia ..... | 22   |
| Adult Health and Health Care.....           | 26   |
| HIV/AIDS.....                               | 28   |
| Sexual Behaviour .....                      | 30   |
| Women’s Empowerment.....                    | 30   |
| Domestic Violence .....                     | 33   |

## TABLES

|          |   |    |
|----------|---|----|
| Table 1  | Results of the household and individual interviews.....             | 35 |
| Table 2  | Results of the household and individual interviews by district..... | 36 |
| Table 3  | Household population by age, schooling, residence, and sex .....    | 37 |
| Table 4  | Household and housing characteristics.....                          | 38 |
| Table 5  | Access to a toilet facility.....                                    | 41 |
| Table 6  | Access to a toilet facility by district.....                        | 42 |
| Table 7  | Household possessions and land ownership .....                      | 43 |
| Table 8  | Preschool attendance.....   | 44 |
| Table 9  | Preschool attendance by district.....                               | 45 |
| Table 10 | School attendance .....   | 46 |
| Table 11 | Children's living arrangements and orphanhood.....                  | 47 |
| Table 12 | Birth registration of children under age five .....                 | 48 |
| Table 13 | Birth registration of children under age five by district.....      | 49 |
| Table 14 | Death registration .....  | 50 |
| Table 15 | Death registration by district .....                                | 51 |
| Table 16 | Disability .....  | 52 |
| Table 17 | Background characteristics of respondents .....                     | 53 |
| Table 18 | Fertility trends .....  | 55 |
| Table 19 | Fertility by background characteristics .....                       | 56 |
| Table 20 | Teenage pregnancy and motherhood .....                              | 57 |
| Table 21 | Birth order .....   | 58 |
| Table 22 | Birth intervals .....   | 59 |
| Table 23 | Fertility preferences by number of living children .....            | 60 |

|          | Page   |
|----------|--|
| Table 24 | Desire not to have any more children..... 61                                       |
| Table 25 | Ideal number of children ..... 62  |
| Table 26 | Indicators of sex preference..... 63   |
| Table 27 | Knowledge of contraceptive methods ..... 64  |
| Table 28 | Current use of contraception by background characteristics..... 67                 |
| Table 29 | Current use of contraceptive methods by district..... 69                           |
| Table 30 | Contraceptive use by men with last sexual partner..... 70                          |
| Table 31 | Source of modern contraceptive methods..... 72                                     |
| Table 32 | Informed choice..... 75  |
| Table 33 | Twelve-month contraceptive discontinuation rates ..... 76                          |
| Table 34 | Men's contraception-related perceptions and knowledge..... 77                      |
| Table 35 | Need and demand for family planning among currently<br>married women..... 78       |
| Table 36 | Unmet need for family planning by district ..... 79                                |
| Table 37 | Hysterectomy ..... 80  |
| Table 38 | Pregnancy outcome ..... 81   |
| Table 39 | Characteristics of abortions ..... 82  |
| Table 40 | Age at first marriage..... 83  |
| Table 41 | Early childhood mortality rates ..... 84   |
| Table 42 | Early childhood mortality rates by background characteristics ..... 85             |
| Table 43 | High-risk fertility behaviour ..... 86   |
| Table 44 | Antenatal care..... 87   |
| Table 45 | Antenatal care services and information received..... 88                           |
| Table 46 | Antenatal care indicators ..... 89   |
| Table 47 | Antenatal care indicators by district ..... 90                                     |
| Table 48 | Advice received during pregnancy..... 91   |
| Table 49 | Pregnancies for which an ultrasound test was done ..... 92                         |
| Table 50 | Pregnancy registration and Mother and Child Protection Card..... 93                |
| Table 51 | Delivery and postnatal care..... 94  |
| Table 52 | Delivery and postnatal care by background characteristics..... 95                  |
| Table 53 | Delivery and postnatal care by district..... 97                                    |
| Table 54 | Delivery costs and financial assistance..... 98                                    |
| Table 55 | Birth order and delivery characteristics by district ..... 99                      |
| Table 56 | Timing of first health check after birth for the newborn..... 100                  |
| Table 57 | Trends in maternal care indicators..... 101  |
| Table 58 | Male involvement in maternal care: Men's report ..... 102                          |
| Table 59 | Vaccinations by background characteristics ..... 103                               |
| Table 60 | Vaccinations by district..... 105  |
| Table 61 | Prevalence and treatment of symptoms of ARI and fever..... 106                     |
| Table 62 | Prevalence and treatment of diarrhoea ..... 107                                    |
| Table 63 | Feeding practices during diarrhoea ..... 109                                       |
| Table 64 | Knowledge of ORS packets ..... 110   |
| Table 65 | ICDS coverage and utilization of ICDS services ..... 111                           |
| Table 66 | Utilization of ICDS services during pregnancy and<br>while breastfeeding ..... 113 |

|            | Page  |
|------------|---|
| Table 67   | Nutritional status of children..... 114   |
| Table 68   | Initial breastfeeding..... 117  |
| Table 69   | Breastfeeding status by age ..... 118   |
| Table 70   | Median duration of breastfeeding and infant and<br>young child feeding (IYCF) practices ..... 119 |
| Table 71   | Minimum acceptable diet ..... 120   |
| Table 72   | Child feeding practices and nutritional status of children by district ..... 122                  |
| Table 73   | Prevalence of anaemia in children..... 123  |
| Table 74   | Micronutrient intake among children..... 125  |
| Table 75   | Presence of iodized salt in household..... 127  |
| Table 76   | Presence of iodized salt in household by district..... 128  |
| Table 77   | Women's and men's food consumption ..... 129  |
| Table 78   | Nutritional status of adults..... 130   |
| Table 79   | Waist circumference and waist-to-hip ratio..... 132   |
| Table 80   | Prevalence of anaemia in adults ..... 133   |
| Table 81   | Nutritional status and anaemia among children and women<br>by district ..... 135                  |
| Table 82   | Knowledge and prevention of HIV/AIDS..... 136   |
| Table 83.1 | Accepting attitudes toward those living with HIV/AIDS: Women..... 138                             |
| Table 83.2 | Accepting attitudes toward those living with HIV/AIDS: Men ..... 140                              |
| Table 84   | Sexual behaviour, HIV testing, blood transfusion, and injections ..... 142                        |
| Table 85   | Knowledge of HIV/AIDS and sexual behaviour among youth ..... 143                                  |
| Table 86   | Prevalence of tuberculosis ..... 144  |
| Table 87   | Knowledge and attitudes toward tuberculosis ..... 145   |
| Table 88   | Health insurance coverage among women and men ..... 146   |
| Table 89   | Source of health care and health insurance coverage among<br>households..... 147                  |
| Table 90   | Health problems..... 148  |
| Table 91   | Screening tests for cancer..... 149   |
| Table 92.1 | Blood pressure status: Women ..... 150  |
| Table 92.2 | Blood pressure status: Men ..... 151  |
| Table 93.1 | Random blood glucose levels: Women..... 152   |
| Table 93.2 | Random blood glucose levels: Men..... 153   |
| Table 94   | Tobacco and alcohol use by women and men..... 154   |
| Table 95   | Methods of menstrual protection ..... 155   |
| Table 96   | Employment and cash earnings of women and men ..... 156   |
| Table 97   | Control over and magnitude of women's and men's cash earnings ..... 157                           |
| Table 98   | Participation in decision making ..... 158  |
| Table 99   | Decision making by background characteristics..... 159  |
| Table 100  | Women's access to money and credit ..... 161  |
| Table 101  | Ownership of assets..... 163  |
| Table 102  | Gender role attitudes..... 165  |
| Table 103  | Gender role attitudes by background characteristics ..... 166                                     |
| Table 104  | Experience of physical and sexual violence ..... 168  |

|  | Page |
|--|------|
| Table 105 Experience of violence during pregnancy .....                                    | 169  |
| Table 106 Forms of spousal violence .....  | 170  |
| Table 107 Spousal violence by background characteristics .....                             | 171  |
| Table 108 Spousal violence by husband's characteristics and<br>empowerment indicators..... | 173  |
| Table 109 Injuries to women due to spousal violence.....                                   | 175  |
| Table 110 Help seeking .....   | 176  |
| <b>APPENDIX</b>  |      |
| Estimates of sampling errors.....  | 177  |

## INTRODUCTION

The 2019-20 National Family Health Survey (NFHS-5), the fifth in the NFHS series, provides information on population, health, and nutrition for India and each state and union territory. Like NFHS-4, NFHS-5 also provides district-level estimates for many important indicators. All five NFHS surveys have been conducted under the stewardship of the Ministry of Health and Family Welfare (MoHFW), Government of India. MoHFW designated the International Institute for Population Sciences (IIPS), Mumbai, as the nodal agency for the surveys. Funding for NFHS-5 was provided the Government of India. Technical assistance and additional funding for NFHS-5 was provided by the USAID-supported Demographic and Health Surveys Program, ICF, USA. Assistance for some of the Clinical, Anthropometric, and Biochemical (CAB) tests was provided by the ICMR and the National AIDS Research Institute (NARI), Pune.

Four survey questionnaires—household, woman’s, man’s, and biomarker—were used to collect information in 19 languages using Computer Assisted Personal Interviewing (CAPI). All women age 15-49 and men age 15-54 in the selected sample households were eligible for interviewing. In the household questionnaire, basic information was collected on all usual members of the household and visitors who stayed in the household the previous night, as well as socioeconomic characteristics of the household, water and sanitation, health insurance, and number of deaths in the household in the three years preceding the survey. Two versions of the woman’s questionnaire were used in NFHS-5. The first version (district module), which collected information on women’s characteristics, marriage, fertility, contraception, reproductive health, children’s immunizations, treatment of childhood illnesses, and nutrition was fielded in the entire sample of NFHS-5 households. Information on these topics is available at the district, state, and national levels. In the second version of the questionnaire (state module), four additional topics, namely, sexual behaviour, HIV/AIDS, husband’s background and women’s work, and domestic violence, were also included. This version was fielded in a subsample of NFHS-5 households designed to provide information only at the state and national levels. The man’s questionnaire covered the man’s characteristics, marriage, number of children, contraception, fertility preferences, nutrition, sexual behaviour, attitudes towards gender roles, HIV/AIDS, and lifestyle. The biomarker questionnaire covered measurements of height, weight, and haemoglobin levels for children; height, weight, waist and hip circumference, haemoglobin levels, and finger-stick blood for additional CAB testing in a laboratory for women age 15-49 and men age 15-54; and blood pressure and random blood glucose for women and men age 15 years and over. Questionnaire information and biomarkers were collected only with informed consent from the respondents.

The NFHS-5 sample was designed to provide estimates of all key indicators at the national and state levels, as well as estimates for most key indicators at the district level (for all 707 districts in India, as on 31 March, 2017). The total sample size of approximately 610,000 households for India was based on the size needed to produce reliable indicator estimates for each district. The rural sample was selected through a two-stage sample design with villages as the Primary Sampling Units (PSUs) at the first stage (selected with probability proportional to size), followed by a random selection of 22 households in each PSU at the second stage. In urban areas, there was also a two-stage sample design with Census Enumeration Blocks (CEB)



selected at the first stage and a random selection of 22 households in each CEB at the second stage. At the second stage in both urban and rural areas, households were selected after conducting a complete mapping and household listing operation in the selected first-stage units.

Readers should be cautious while interpreting and comparing the trends as some States/UTs may have smaller sample size. Moreover, at the time of survey, *Ayushman Bharat AB-PMJAY* and *Pradhan Mantri Surakshit Matritva Abhiyan (PMSMA)* were not fully rolled out and hence, their coverage may not have been factored in the results of the percentage of households with any usual member covered under a health insurance/financing scheme and the percentage of mothers who received 4 or more antenatal care visits, respectively. Hence, the results should be interpreted with caution.

NFHS-5 fieldwork for Assam was conducted in all 33 districts of the state from 17 June, 2019 to 21 December, 2019 by the Nielsen India Pvt. Ltd. Information was collected from 30,119 households, 34,979 women age 15-49 (including 5,314 women interviewed in PSUs in the state module), and 4,973 men age 15-54.

This report presents the key findings of the NFHS-5 survey in Assam, followed by detailed tables and an appendix on sampling errors. At the time of finalization of this report, wealth quintiles for the country as a whole were not ready. Therefore, on finalization of the national report, the breakup of key indicators by wealth quintiles for all states will be provided as an additional document and uploaded on the official website of MoHFW and IIPS.

## HOUSEHOLD CHARACTERISTICS

Important household information collected on household characteristics include household composition, housing characteristics, household possessions, access to a toilet facility, and education. The household characteristics reflect the environmental risk factors and behavioural outcomes of the household population, including their likely impact on health status.

### Household composition

In Assam, 84 percent of the households are in rural areas. On average, households are comprised of 4.3 members. Fifteen percent of households are headed by women, with 13 percent of the population living in female-headed households.

Sixty-three percent of households in Assam have household heads who are Hindu. Thirty-four percent of households have household heads who are Muslim, and 3 percent of households have household heads who are Christian.

Thirteen percent of households in Assam have household heads who belong to a scheduled caste, as well as to the scheduled tribe, and 26 percent belong to other backward classes (OBC). Forty-eight percent of household heads do not belong to a scheduled caste, a scheduled tribe, or other backward class. The majority of households (64%) are nuclear, but 36% of the population reside in non-nuclear households.

More than one-quarter (28%) of Assam's population is under age 15, and age 65 and over accounts for 5 percent. The overall sex ratio of the population is 1,012 females per 1,000 males, and the sex ratio of the population under 7 years of age is much lower at (970 females per 1,000 males). Fourteen percent of the surveyed persons have an *Aadhaar* card.

Among children below 18 years of age, 6 percent have experienced the death of one or both parents. In all, 88 percent of children below 18 years of age live with both parents, 9 percent live with one parent (majority with their mother), and the remaining 2 percent live with neither parent. Births of almost all children under 5 years of age (96%) were registered with the civil authorities, and 88 percent of children have a birth certificate.

### Death registration

Sixty-six percent of deaths of usual residents of households were registered with the civil authorities. In Assam, 57 percent of deaths registered in age 0-4, 71 percent of deaths in age 25-34, and 68 percent of deaths in age 35 and above.

The distribution of death registrations by religion shows that 66 percent of deaths are registered among Hindus and Muslims, both and 58 percent among Christians. Seventy-two percent of deaths are registered among Schedule caste, 63 percent among other backward classes, 55 percent among scheduled tribes.

## **Disability**

The respondent to the Household Questionnaire provided information for all household members on whether they had any disability in specified domains. The domains of disability are hearing, speech, visual, mental, locomotor, and other. The results, based on 130,500 persons, is for the *de jure* household population. Only 1 percent of the *de jure* household population has any disability. The most least type of disability is visual disability (0.1%). Men are slightly more likely than women to have any disability. The proportion of household members who have any disability rises with increasing age. For instance, 2 percent of the household population age 70 and above have any disability compared to 0.5 percent among 0-4 age group.

## **Housing characteristics**

Almost one-third (32%) of households in Assam live in a *pucca* house and 93% households have electricity.

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*Seven percent of households in Assam have water piped into their dwelling, yard, or plot.*

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Eighty-five percent of households in Assam have basic drinking water service, and 86 percent of households use an improved source of drinking water, but only 7 percent have water piped into their dwelling, yard, or plot. Urban households (22%) are more likely than rural households (4%) to have water piped into their dwelling, yard, or plot. Fifty-three percent of households use an appropriate treatment method to make drinking water potable (mostly by using ceramic, sand or other water filter). A large majority of households (42%) in Assam use a clean fuel for cooking.

## **Access to toilet facility**

Safe sanitation is one of the foundations of a healthy, comfortable, and dignified life. Households without proper sanitation facilities have a greater risk of diseases like diarrhoea, dysentery, and typhoid than households with improved sanitation facilities that are not shared with other households.

In Assam, 4 percent of all households surveyed, do not use any sanitation facility; they use open spaces or fields. Almost all the households (96%) have access to toilet facility, with higher accessibility in urban areas (99%) than in rural areas (95%). Access to a toilet facility ranges from 94 percent among scheduled tribe to 97 percent among groups that are not scheduled tribe, scheduled caste, or other backward classes. Access to toilet facility varies widely across the districts, ranging from 85 percent in Majuli district to 99.6 percent in Hailakandi district. Every household in more than ten districts in urban areas have access to a toilet facility.

## **Selected household possessions**

In Assam, 76 percent of households own a house (78% of rural households and 68% of urban households). Almost all urban households (97%) and most rural households (91%) have a mobile phone. Ninety-six percent of households have a bank or post office account. Twenty-nine percent of households own either a motorcycle or a scooter. BPL cards are held by 50 percent of households. Irrigated land is owned by 8 percent of rural households and only one percent of

urban households in Assam. Overall, 36 percent of all households in Assam own agricultural land, and almost two-thirds (65%) of households own farm animals.

### **Background characteristics of respondents**

In Assam, 33 percent of women and 31 percent of men are in the 15-24 age group, while 31 and 29 percent of women and men respectively are in the 25-34 age group. Eighty-five percent of women and 84 percent of men live in rural areas.

In NFHS-5, literate persons are those who have no formal schooling but could pass a simple literacy test conducted as part of the survey. According to this measure, 75 percent of women age 15-49 and 82 percent of men age 15-49 are literate.

In Assam, 19 percent of women and 13 percent of men age 15-49 have never been to school. Only 17 percent of women age 15-49 have completed 12 or more years of schooling, compared with 23 percent of men.

Media exposure is quite widespread among women and men in Assam. More than two-fifths (45%) of men and 36 percent of women watch television at least once a week. However, men (10%) are much more likely than women (5%) to read a newspaper or magazine at least once a week. Forty-four percent of men and 58 percent of women are not regularly exposed to print media or other forms of media.

Women are more likely than men to be currently married (73% versus 61%) or widowed (3% versus 0.3%), while men are more likely than women to be never married (22% versus 38%).

A majority of female respondents are Hindu (62%), while 35 percent are Muslim, and 3 percent are Christian.

Twenty-six percent of female respondents belong to other backward classes, while 13 percent belong to scheduled caste and scheduled tribe. Fourteen percent of men belong to scheduled tribe, while 47 percent of men and 48 percent of women 15-49 do not belong to a scheduled caste, a scheduled tribe, or other backward classes.

Seventy-nine percent of women and 17 percent of men age 15-49 were not employed in the 12 months preceding the survey. Three percent of women and 26 percent of men were engaged in an agricultural occupation, while 17 percent of women and 53 percent of men were employed in non-agricultural occupations.

## EDUCATION

In NFHS-5, information related to pre-school attendance has been collected for the first time. Other information on education of household members includes school attendance among children age 6-17 years and educational attainment of all other members of the household, including reasons for drop-out in the case of those who discontinued education.

### Preschool attendance

In India many children attend *anganwadi* centres (AWC) that provide spaces for children to learn, play, eat nutritious food, and develop the skills needed for a lifetime of learning. Attending pre-primary education, such as at an *anganwadi* centre, improves children's school readiness by it providing quality learning through interactive, play methods with qualified instructors. Also, parents or guardians can go to work at ease if children are enrolled in pre-primary education.

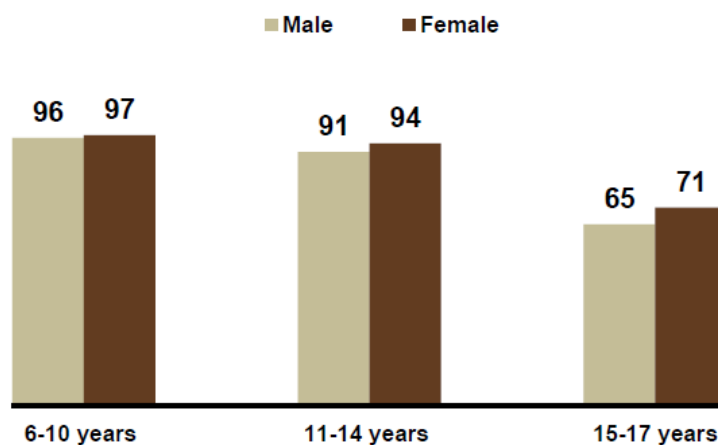
In Assam, 35% of boys and 37% of girls age 2-4 years attend preschool. Preschool attendance is slightly lower among children in nuclear households than non-nuclear households. Preschool attendance is higher in households headed by Hindus (40%) than Muslims (31%). Preschool attendance is highest among other backward classes with (42%), slightly lower among scheduled tribe (39%), and lowest in households not belonging to a scheduled caste, a scheduled tribe or an other backward class (33%). Preschool attendance is also higher in households with 1-2 members (53%), compared with households with 6 or more members (35%). Overall, urban households (41%) show lower preschool attendance than rural households (35%). Preschool attendance is highest in Majuli district (56%) and lowest in Dima Hasao district (19%).

### School attendance among children

Eighty-nine percent of children age 6-17 years in Assam attend school (92% in urban areas and 88% in rural areas). School attendance is almost universal (95%) at age 6-14 years but drops sharply to 68 percent at age 15-17 years. There is no gender disparity in school attendance in the 6-14 years age group. In the age group 15-17 years, 71 percent of girls compared with 65 percent of boys attend school.

#### Are there gender differentials in children's school attendance?

Percentage of children attending school by age



## FERTILITY

This section provides trends in the total fertility rate, age at marriage, pregnancy outcomes, teenage pregnancy, birth interval, the desire for more children, and son preference. NFHS-5 estimates on the median age at marriage, total fertility rate, and teenage motherhood illustrated in this section can help in setting benchmarks for the Sustainable Development Goals at the sub-national level.

### Age at first marriage

In Assam, the median age at first marriage is 19.6 years among women age 35-39 years and 19.8 years among women age 20-49 years. Only 11 percent of women age 20-49 years have never married, compared with 26 percent of men in the same age group. Almost one-third (32%) of women age 20-24 years got married before attaining the legal minimum age of 18 years. Thirty-two percent of women age 20-24 years are never married, compared with 75 percent of men in the same age group, showing that the age at marriage is much lower for women than men in Assam.

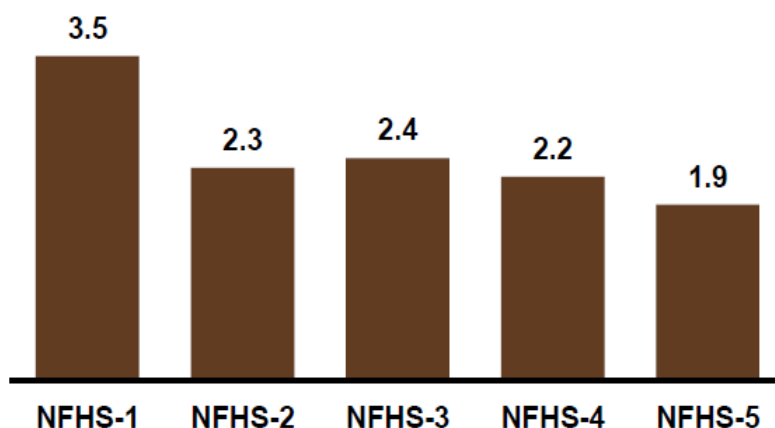
### Fertility levels

The total fertility rate (TFR) in Assam is 1.9 children per woman, which is well below the replacement level of fertility. Fertility has decreased by 0.3 children between NFHS-4 and NFHS-5.

The total fertility rate in urban areas, at 1.5 children per woman, and in rural areas, at 1.9 children per woman, are both below the replacement level. Among births in the three years preceding the survey, 9 percent were of birth order four or higher, compared with 14 percent in NFHS-4.

### Fertility Trends

*Total fertility rate  
(children per woman)*

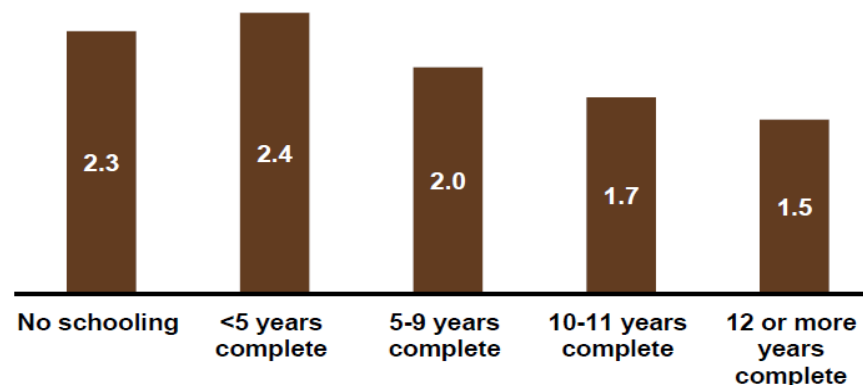


The greatest differentials in fertility are by religion, caste/tribe, and schooling. At current fertility rates, women with no schooling will have an average of 0.8 more children than women with 12 or more years of schooling. Muslim women have an average of 0.8 children more than Hindu women (a TFR of 2.4, compared with 1.6) and 0.9 children more than Christian women (1.5).

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## How does fertility vary with schooling?

*Total fertility rate (children per woman)*



### Pregnancy outcome

Ninety percent of last pregnancies in the five years preceding the survey ended in a live birth, and the remaining 10 percent terminated in foetal wastage (abortion, miscarriage, or stillbirth). Abortion and Miscarriages are the most commonly reported type of foetal wastage, accounting for 5 percent of all pregnancies.

The two main reasons for abortion reported by women were unplanned pregnancy (63%) and last child too young (11%). The most common methods used for performing abortions were medicines (49%), other surgical methods (27%) and manual vacuum aspiration (MVA) (23%). Less than half (48%) of abortions were performed in the public health sector and 26 percent were performed in the private health sector. Seventeen percent of women reporting an abortion reported having complications from the abortion. Most abortions in Assam (64%) are performed by a doctor.

### Teenage pregnancy

Among young women age 15-19 in Assam, 12 percent have already begun childbearing, that is, they have already had a live birth or are pregnant with their first child, down from 14 percent in NFHS-4. The proportion of women who have started childbearing rises sharply from 8 percent in age 15-17 years to 18 percent among women age 18 years and to 33 percent among women age 19 years. The proportion who have started childbearing is much higher among young women who had no schooling (22%) than those with 12 or more years of schooling (4%).

### Birth intervals

The median interval between births in the five years before the survey in Assam is 46 months. Four percent of births take place within 18 months of the previous birth and 12 percent occur within 24 months. The proportion of births occurring within 24 months of a previous birth is particularly high for mothers in the 20-29 age group (15%) and for births occurring after a deceased sibling (37%). One-third (33%) of all births occur within three years of the previous birth. Research shows that waiting at least three years between children reduces the risk of infant mortality and has a positive impact on maternal health.



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*One-third of births in Assam occur within three years of the previous birth.*

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### **Fertility preferences**

Sixty-seven percent of currently married women and 63 percent of men age 15-49 years want no more children, are already sterilized, or have a spouse who is sterilized. Among those who want another child, 51 percent of women and 57 percent of men would like to wait at least two years before the next birth. More than four-fifths (82%) of women and 79 percent of men consider the ideal family size to be two or fewer children.

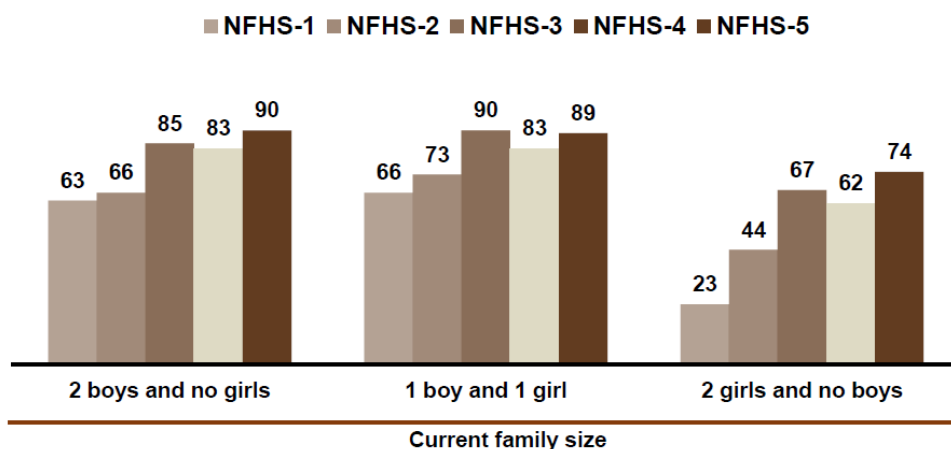
In Assam, there is a strong preference for sons. Fourteen percent of women and 15 percent of men want more sons than daughters, but only 3 and 4 percent of men and women respectively, want more daughters than sons. However, slightly above four-fifths of women (83%) and men (85%) would like to have at least one son and almost four over five wants at least one daughter.

Women's desire for more children is strongly affected by their current number of sons. For example, among women with two children, 90 percent with 1-2 sons want no more children, compared with 74 percent with two daughters who want no more children.

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### **How does son preference affect women's desire for children?**

*Percentage of currently married women with two children who want no more children*



In Assam, unplanned pregnancies are common. If all women were to have only the number of children they wanted, the total fertility rate would have been 1.6 children per woman, instead of the current level of 1.9 children per woman.



## FAMILY PLANNING

The family planning section covers trends in contraceptive knowledge and current use, informed choice, and unmet need for family planning methods among women 15-49 years. It also includes information on men’s attitude towards women using a contraceptive method. As in previous rounds of the survey, NFHS-5 provides estimates of the contraceptive prevalence rate and unmet need for family planning.

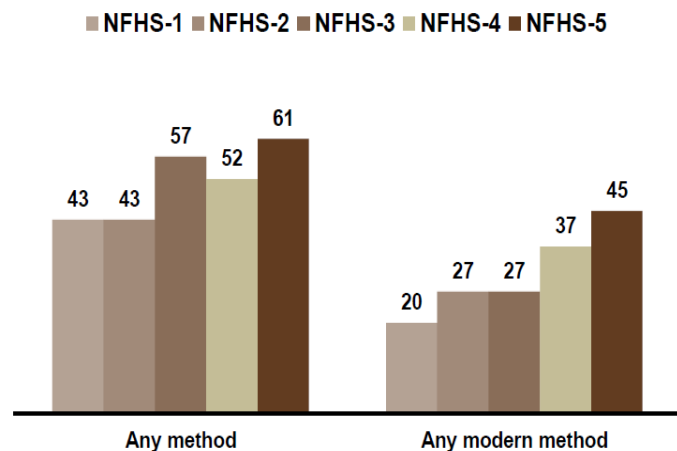
### Contraceptive knowledge and use

Knowledge of contraception is almost universal in Assam. However, some methods are still less well known. Only 35 percent of currently married women know about the lactational amenorrhoea method (LAM) and 37 percent know about female condoms. Among all women, only 51 percent know about emergency contraception.

The contraceptive prevalence rate (CPR) among currently married women age 15-49 is 61 percent, which has increased from NFHS-4 (52%). The use of modern family planning methods (45%) has also increased from its level in NFHS-4 (37%). The level of use of female sterilization has declined slightly, from 10 percent to 9 percent between NFHS-4 and NFHS-5. Contraceptive use in NFHS-5 increases sharply with age, from 40 percent for women age 15-19 to 72 percent for women age 30-39 but thereafter it decreases to (50%) among women age 40-49. Among the districts, current use of any contraceptive method is highest in Sonitpur district (74%) and lowest in Kamrup district (39%).

### How many women use family planning?

Percentage of currently married women



In Assam, contraceptive use shows no difference in rural and urban areas with 61%. Contraceptive prevalence decreases with increasing schooling of women. Thirteen percent of currently married women with no schooling use female sterilization, compared with only 5 percent of women with 12 or more years of schooling. Muslim women (60%) are less likely to use contraception than either Hindu (61%) or Christian women (64%).

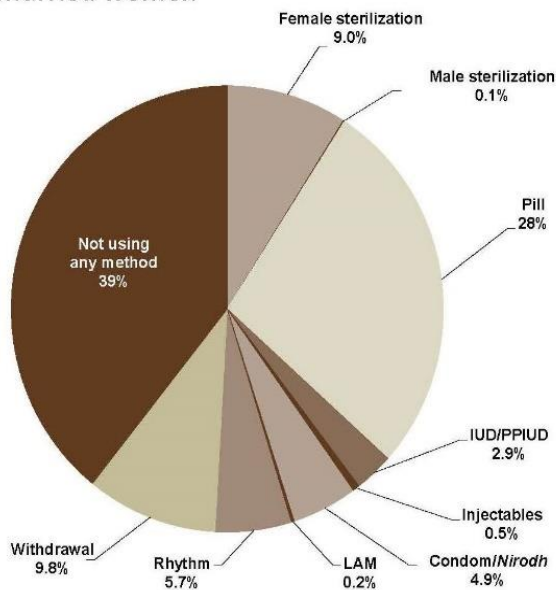
Women in Assam are much more likely to use contraception if they already have a son. For example, among women with two children, 70 percent with at least one son use a method of family planning, compared with 66 percent of women with two daughters and no sons.

The most common modern spacing methods used by currently married women in Assam are pill (28%), followed by condoms (5%). In general, urban women and better-educated women are more likely than other women to use spacing methods.

Eighty-six percent of sterilized women had their sterilization operation in the public sector, mainly in a government or municipal hospital (42%), and 6 percent of IUD or PPIUD users had their IUD insertion in the private sector.

## What contraceptive methods do women use?

Currently married women



The majority of pill and condom/*Nirodh* users get their supply from the private health sector, majorly from Pharmacy/drugstore. Nonetheless, 34 percent of pill users and 31 percent of condom/*Nirodh* users get their supply from the public sector.

The 12-month discontinuation rate for any reason is 47 percent for all contraceptive methods as well as for all modern spacing methods discontinued use within the first year after they adopted the method. The most common reason for discontinuation is the desire to become pregnant after other reason followed by "desire to become pregnant".

*Forty-seven percent of users of modern spacing methods discontinued use within the first year after they adopted the method.*

## Informed choice

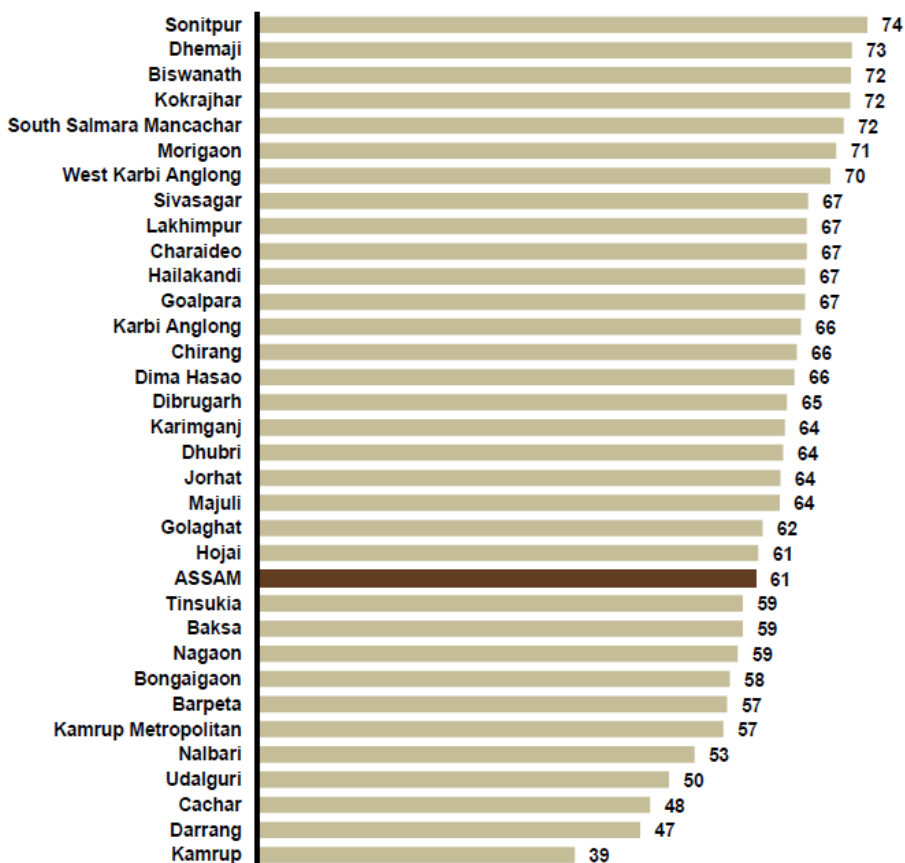
Women who know about all available contraceptive methods and their side effects can make better choices about what method to use. Seventy-seven percent of users of selected modern contraceptive methods were ever told by a health or family planning worker about other methods they could use. Seventy percent were told about the possible side effects or problems with their method, and even fewer (63%) were told what to do if they experienced any side effects.

## Men's attitudes

One-fifth of men age 15-49 in Assam agree that contraception is women's business and a man should not have to worry about it. However, only 15 percent of men think that women using contraception may become promiscuous. Almost three-fifths (57%) know that a condom, if used correctly, protects against pregnancy most of the time.

## Contraceptive Prevalence Rate by District

*Percentage of currently married women*



## Unmet need

Unmet need for family planning is defined as the percentage of currently married women who either want to space their next birth or stop childbearing entirely but are not using contraception. According to this definition, 11 percent of currently married women have an unmet need for family planning. Currently, 85 percent of the demand for family planning is being satisfied and 63 percent of the demand is being satisfied by modern methods. However, among the districts the total unmet need for family planning ranges from 5 percent in Biswanath to 18 percent in Kamrup district.

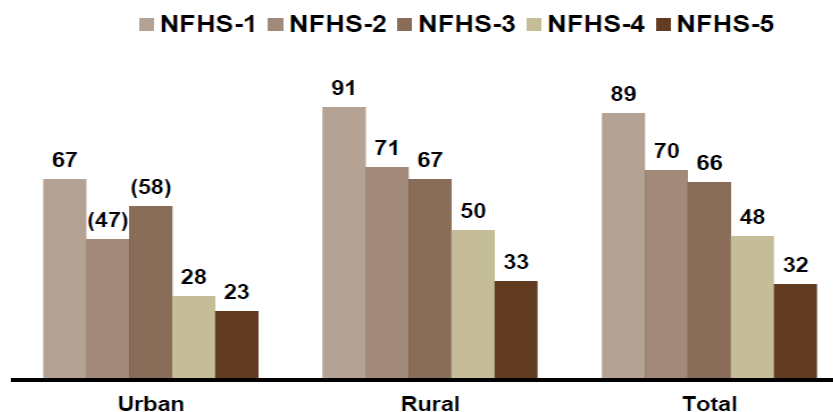
## INFANT AND CHILD MORTALITY

The mortality rate among children under age 5 years including neonatal, post-neonatal, and infant mortality rates is an important indicator that measures the overall welfare of any country. The infant mortality rate in Assam in NFHS-5 is estimated at 32 deaths before the age of one year per 1,000 live births, down from the NFHS-4 estimate of 48, the NFHS-3 estimate of 66, the NFHS-2 estimate of 70, and the NFHS-1 estimate of 89. The under-five mortality rate (U5MR) is estimated at 39 deaths before the age of five years per 1,000 live births, down from the NFHS-4 (57 per 1,000 live births).

As expected, boys generally have higher mortality rates than girls, especially during the post-neonatal period. Girls have a slightly higher mortality rate than boys during the neonatal period (in the first month after birth).

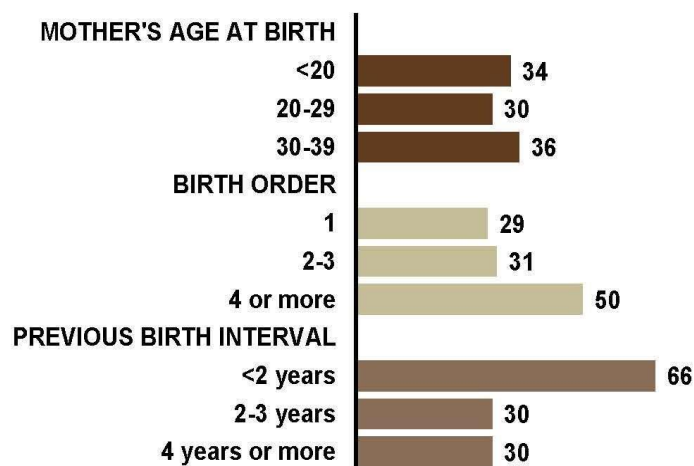
### Trends in Infant Mortality

Deaths per 1,000 live births



### High-risk births have higher mortality rates

Deaths in the first year of life per 1,000 live births



Note: Category "Mother's age at birth 40-49" is not shown since there are fewer than 250 unweighted person-years of exposure to the risk of death.

Children born to mothers under age 20 are more likely to die during infancy than children born to mothers in the prime childbearing age (20-29 years). Infant mortality is 34 per 1,000 live births for teenage mothers and 36 per 1,000 live births for mothers age 30-39, compared with 30 per 1,000 live births for mothers age 20-29.

Infant mortality rate is the same for Muslim children and Hindu children (32 per 1,000 live births). The infant mortality rate is lower in both rural areas and urban areas since NFHS-4. Children whose

mothers have no schooling are more than twice as likely to die before their first birthday as children whose mothers have completed 10 or more years of schooling.

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*Children born to the teenage mothers are more likely to die during infancy than to mothers age 20-29.*

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## **MATERNAL HEALTH**

Maternal health is an important aspect for the development of any country in terms of increasing equity and reducing poverty. The survival and well-being of mothers are not only important in their own right, but are also central to solving broader economic, social, and developmental challenges. Maternal health care services are essential for the health and wellbeing of mothers, as well as their children, affecting the overall population and its health and nutritional status. This section describes the utilization of antenatal care, delivery care, and postnatal care by women who reported their last births in the five years preceding the survey. It also shows the extent of male involvement in maternal health care.

### **Antenatal care**

Among mothers who gave birth in the five years preceding the survey, more than four-fifths (85%) received antenatal care for their last birth from a health professional (60% from a doctor and 25% from an auxiliary nurse midwife (ANM), lady health visitor (LHV), nurse, or midwife). Four percent of mothers did not receive any antenatal care (ANC). Among mothers who gave birth in the five years preceding the survey, 97 percent registered the pregnancy for the most recent live birth. Among the registered pregnancies, 99 percent received a Mother and Child Protection Card (MCP Card).

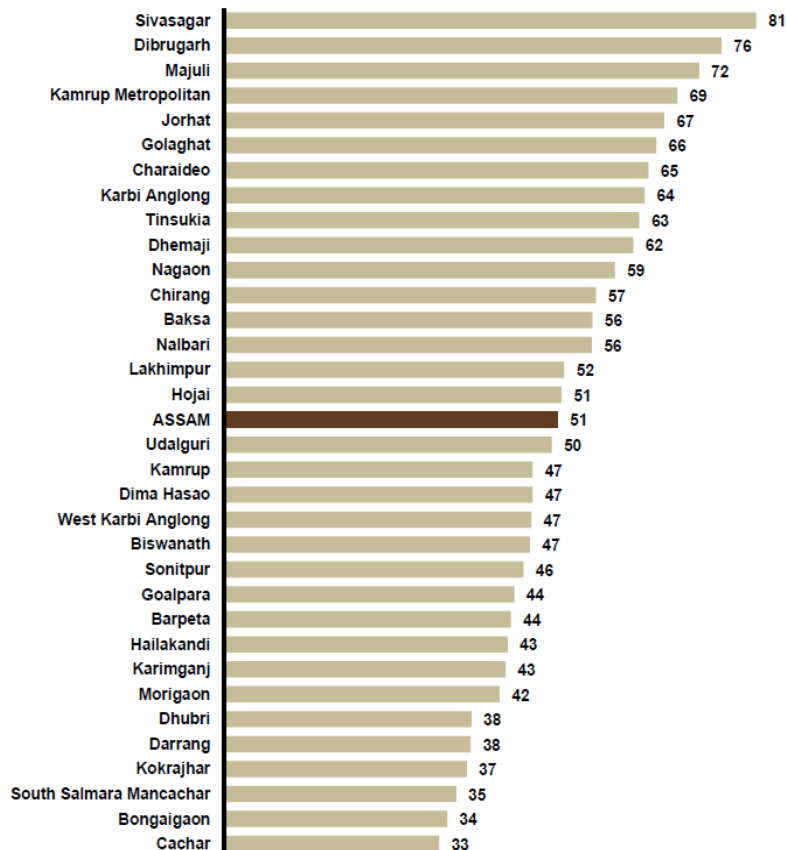
Nearly two-thirds (64%) of women received antenatal care during the first trimester of pregnancy, as is recommended. Fifty-one percent of mothers had four or more antenatal care visits. Urban women were more likely to have four or more antenatal care visits than rural women.

Since NFHS-4, there has been an increase in the percentage of mothers who had an antenatal check in the first trimester (from 55% to 64%) and for women who had four or more antenatal care visits (from 47% to 51%). For 92 percent of their last births, mothers received iron and folic acid (IFA) supplements, but only 48 percent consumed them for the recommended 100 days or more and only 19 percent consumed them for the newly recommended 180 days or more. Ninety-five percent of last births were protected against neonatal tetanus through tetanus toxoid vaccinations given to the mother. Fifteen percent of mothers took an intestinal parasite drug during pregnancy.

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## Four or More Antenatal Care Visits by District

*Percentage of last births in the past five years*



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*Fifty-one percent of mothers in Assam had at least four antenatal care visits for their last birth.*

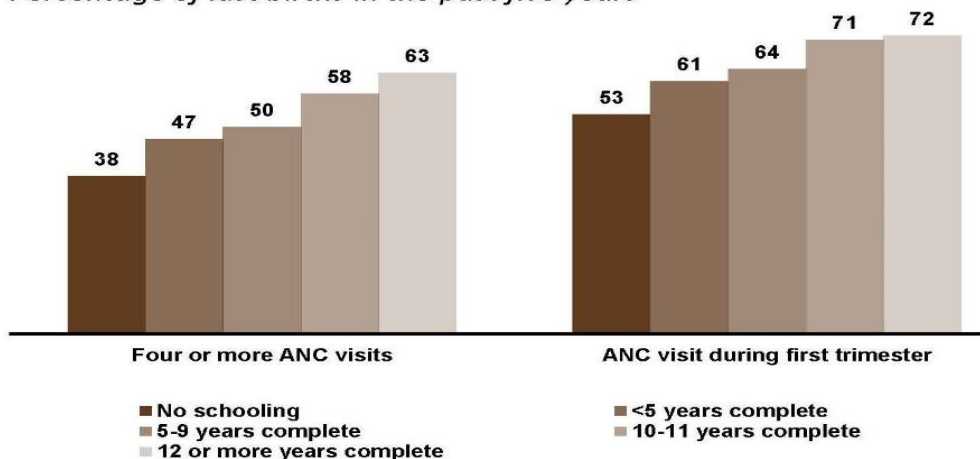
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Among women with a live birth in the five years preceding the survey who met with a community health worker in the last three months of pregnancy for their most recent live birth, more than two-thirds received advice on each of five different areas (81% received advice on breastfeeding and on keeping the baby warm, 74% on cord care, 75% on family planning and 71% on the importance of institutional delivery).

Even when women receive antenatal care, sometimes they do not receive all the services needed to monitor their pregnancy. In Assam, 96 percent of women who received antenatal care for their last birth received each of the services needed to monitor their pregnancy: having their weight taken (99%), their blood pressure measured (98%), having a urine sample taken (94%), having a blood sample taken (94% each), and having their abdomen examined (93%).

### How does appropriate antenatal care (ANC) vary with schooling?

Percentage of last births in the past five years



An ultrasound test was performed during 73 percent of pregnancies in the five years preceding the survey. Eighty-six percent of women with at least 12 years of schooling had an ultrasound test compared with 61 percent of women with no schooling. Pregnant women with no sons were much more likely to have an ultrasound test than those with at least one son. For example, among women with two children, those with no sons (67%) were much more likely to have an ultrasound test during their next pregnancy than those who had at least one son (61%).

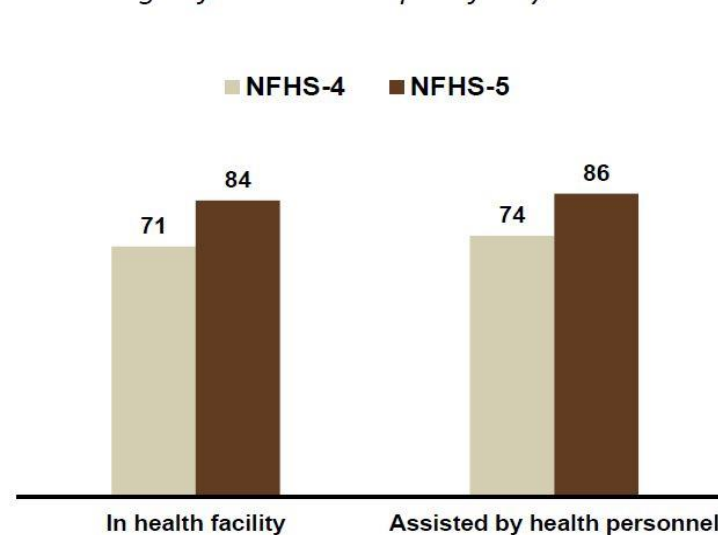
### Delivery care

Eighty-four percent of births take place in a health facility (mostly a government facility) and 16 percent take place at home. The percentage of births in a health facility increased in the four years from 71 percent (NFHS-4) to 84 percent (NFHS-5). Institutional births are more common among women who have received an antenatal check, women with 12 or more years of schooling, women who are having their first birth, and urban women.

For 88 percent of home births, a clean blade was used to cut the cord, as is recommended. A disposable delivery kit was used for 35 percent of deliveries.

### Are babies being delivered safely?

Percentage of births in the past five years





Eighty-four percent of home births followed the recommendation that the baby be immediately wiped dry and then wrapped without being bathed first.

Eighty-six percent of births during the past five years took place with assistance from a skilled provider, and another 9 percent were delivered by a traditional birth attendant.

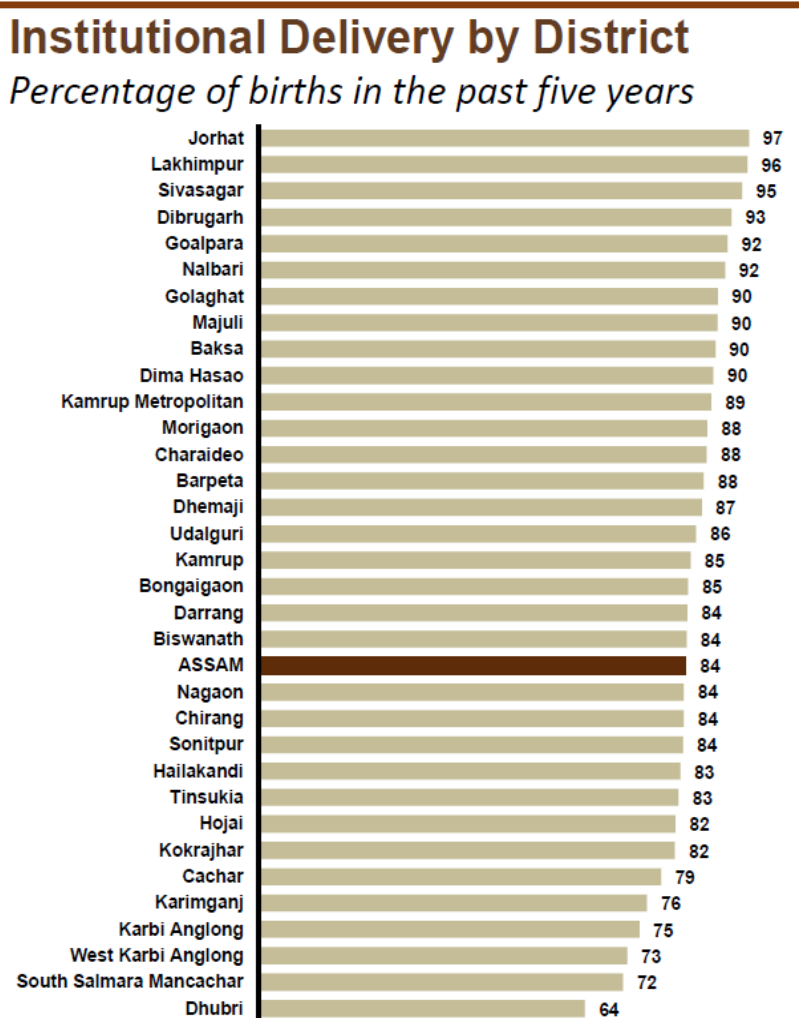
Eighteen percent of births during the past five years were delivered by caesarean section. Seven percent of caesarean sections were emergency caesarean sections.

Among women who had a live birth in the five years preceding the survey that was delivered in a health facility, less than half of the total percent (46%) received financial assistance under *Janani Suraksha Yojana* (JSY). Rural women (48%) were more likely than urban women (30%) to receive financial assistance under *Janani Suraksha Yojana* (JSY). Scheduled tribe women were more likely than any other group to receive financial assistance under JSY.

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*Eighty-four percent of children in Assam who were born in the past five years were born in a health facility.*

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## **Postnatal care**

Early postnatal care for a mother helps safeguard her health and can reduce maternal mortality. In Assam, 69 percent of mothers had a postnatal check within two days of the birth, as is recommended. Postnatal care is most common following births in a health facility; 74 percent of births in public health facilities and 84 in private health facilities were followed by a postnatal check for the mother within two days of birth, compared with 34 percent of home births.

Seventy-two percent of last births in the five years preceding the survey received a health check in the first two days after birth. Sixteen percent of home births received a health check in the first two days after birth.

## **Male involvement in maternal care**

Ninety-five percent of men with a child under three years of age said that the youngest child's mother received antenatal care. Almost three-quarters (74%) of men with a child under three years said they were present during at least one antenatal check received by the child's mother (86% in urban areas and 72% in rural areas), but only 71 percent were told by a health provider or health worker what to do if the mother had a pregnancy complication. Only 58-71 percent of men were told about the signs of specific pregnancy complications (convulsions, vaginal bleeding, prolonged labour, high blood pressure, and severe abdominal pain).

Most fathers with a child less than three years of age were given information about various aspects of maternal care. Among fathers with a child less than three years, 84-86 percent of men were told about the importance of delivering the baby in a health facility and the importance of proper nutrition for the mother during pregnancy. Eighty-four percent of men were told by a health provider or a health worker about family planning or delaying the next child. Only 48-62 percent of fathers whose child was not delivered in a health facility were told about the importance of cord care, the importance of keeping the baby warm immediately after birth, and the importance of breastfeeding the baby immediately after delivery.

# CHILD HEALTH

## Vaccination of children

Vaccinations are considered as the most cost-effective intervention that can improve the overall health of children. Sixty-six percent of children age 12-23 months received all basic vaccinations against six major childhood illnesses (tuberculosis, diphtheria, pertussis, tetanus, polio, and measles) at any time before the survey. However, 95 percent of children are at least partially vaccinated; only 5 percent have not received any vaccinations at all. Vaccinations were recorded from a vaccination card for a large majority (84%) of children, which is a substantial increase since NFHS-4 (55%).

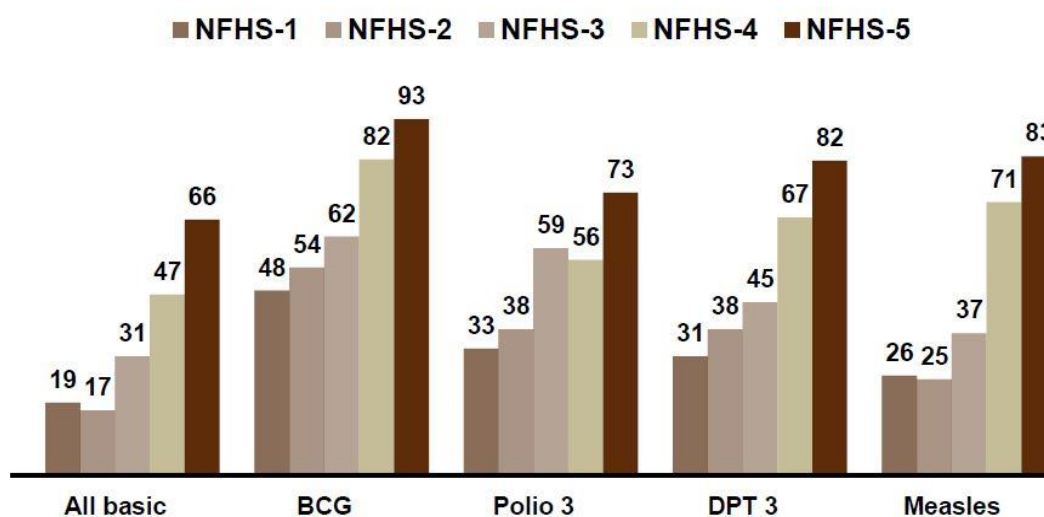
Ninety-three percent of children have received a BCG vaccination. However, about three-quarters (73%) have received the recommended three doses of polio vaccine, 82 percent have received the three recommended doses of DPT or Penta vaccine, and 83 percent have been vaccinated against measles. There is considerable dropout between the first and third doses of DPT vaccine (from 91% to 82%) and polio vaccine (from 89% to 73%).

Between NFHS-4 and NFHS-5, there has been an increase in vaccination coverage for three doses of DPT (from 67% to 82%), measles (from 71% to 83%), and BCG (from 82% to 93%). The coverage for three doses of polio vaccine also increased, from 56 percent to 73 percent. Overall, there an encouraging change in the coverage of all basic vaccinations (from 47% to 66%) in the state. In addition, 86 percent of children have received at least one dose of hepatitis B vaccine, and 75 percent of children have received all three recommended doses of hepatitis B vaccine.

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## Trends in Vaccination Coverage

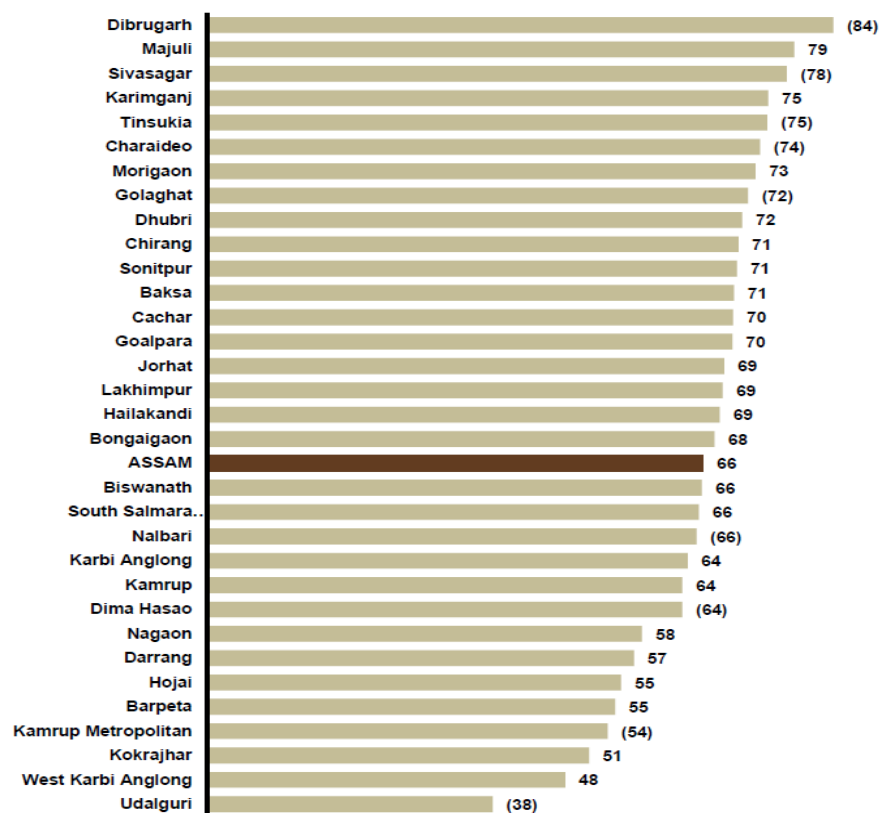
*Percentage of children 12-23 months receiving vaccinations*



Coverage with all basic vaccinations is higher among males than females (68% versus 65%) and for rural than urban areas (67% versus 63%). Coverage with all basic vaccinations is higher among children from other backward class (72%) compared with children from any other caste/tribe group (64%-68%).

## Coverage of All Basic Vaccinations by District

Percentage of children 12-23 months



*Coverage with all basic vaccinations is highest for children whose mothers have 12 or more years of schooling.*

### Childhood illnesses

In the two weeks before the survey, 3 percent of children under age five years had symptoms of an acute respiratory infection in Assam (cough accompanied by (1) short, rapid breathing that is chest related and/or (2) difficult breathing that is chest related). Of these children, 46 percent were taken to a health facility or health provider.

Eighteen percent of children under age five were reported to have had fever in the two weeks preceding the survey; 54 percent of these children were taken to a health facility or provider for treatment.

Overall, 6 percent of children under age five years had diarrhoea in the two weeks preceding the survey. Fifty-four percent of these children were taken to a health facility or health provider.

Ninety-six percent of mothers of young children knows about oral rehydration salt (ORS) packets for the treatment of diarrhoea, but 69 percent of children with diarrhoea were given ORS. Thirty-one percent of children with diarrhoea were given gruel and almost three-quarters (74%) were given any type of oral rehydration therapy (ORT). Twenty-eight percent were given zinc supplements. Seventeen percent of children with diarrhoea did not receive any type of treatment at all.

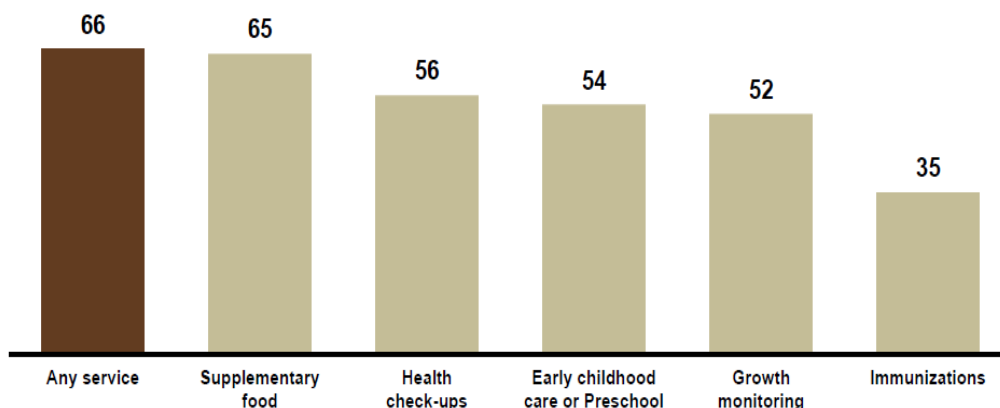
To reduce dehydration and minimise the effects of diarrhoea on nutritional status, it is recommended that normal feeding of children be continued when they have diarrhoea and that the amount of fluids given should be increased. However, in Assam only 2 percent of children with diarrhoea received more to drink than normal. Only 35 percent of children received the same amount to drink as usual. Of greater concern is that nearly two-thirds (63%) of children with diarrhoea were given less to drink or nothing at all to drink. Only 38 percent of children with diarrhoea were given the same amount of food or more food, as recommended.

### Integrated Child Development Services (ICDS)

The ICDS programme provides nutrition and health services for children under age six years and pregnant or breastfeeding women, as well as preschool activities for children age 3-5 years. These services are provided through community-based *Anganwadi* centres.

#### How many children received *anganwadi* centre services?

Percentage of age-eligible children receiving services



In Assam, 66 percent of children under 6 years received services of some kind from an *anganwadi* centre in the 12 months preceding the survey. The most common services that age-eligible children receive are supplementary food (65%), health check-ups (56%), early childhood care or preschool (54%) and growth monitoring (52%). The service that is least likely to be accessed is immunizations (35%). More than three-fifths (64%) mothers of children who were weighed at an *Anganwadi* centre received counselling from an *anganwadi* worker or an ANM. Among children under 6 years, over two-thirds (68%) of their mothers received any service from an *anganwadi* centre during pregnancy, and (64%) of their mothers received any service while breastfeeding.

# BREASTFEEDING, NUTRITION, AND ANAEMIA

## Infant feeding

Although breastfeeding is nearly universal in Assam, only 64 percent of children under 6 months are exclusively breastfed, as the World Health Organization (WHO) recommends. Ninety-three percent are put to the breast within the first day of life, but only 49 percent started breastfeeding in the first hour of life (as recommended). While exclusive breastfeeding indicators show an improvement since NFHS-4, many infants are still deprived of the highly nutritious first milk (colostrum) and the antibodies it contains. Children breastfed within one hour of birth is highest in Biswanath district (65%) and lowest in Cachar district (31%).

It is recommended that nothing be given to children other than breastmilk even in the first three days when the milk has not begun to flow regularly because prelacteal feeds limit the frequency of suckling by the infant and expose the baby to the risk of infection. However, 6 percent of children are given something other than breastmilk during the first three days. Overall, 96 percent of children continue breastfeeding at 1 year and (92%) continue breastfeeding at 2 years. The median duration of breastfeeding is 4.4 months among last-born children born in the past 3 years, who were exclusively breastfed.

After the first 6 months, breastmilk is no longer enough to meet the nutritional needs of infants. Therefore, complementary foods should be added to the diet of the child. However, at age 6-8 months, only 51 percent of children in Assam receive breastmilk and complementary foods.

WHO has several recommendations for infant and young child feeding (IYCF) practices for children age 6-23 months. The key IYCF indicators measure the adequacy of dietary diversity and meal frequency for breastfed and non-breastfed children. Twenty-eight percent of children age 6-23 months are fed the recommended minimum number of times per day and even fewer (24%) are fed from the appropriate number of food groups. Only 8 percent are fed according to all three recommended practices.

Micronutrient deficiency is a major contributor to childhood morbidity and mortality. Vitamin A is an essential nutrient for the immune system. Severe vitamin A deficiency (VAD) can cause eye damage and a higher risk of dying from measles and diarrhoeal disease. The Government of India recommends that children under 5 years of age receive vitamin A supplements every six months, starting at age 9 months. In Assam, nearly three-fifths (58%) of children age 9-35 months were given a vitamin A supplement in the past six months, but only 45 percent of children age 6-23 months ate vitamin A-rich foods during the day or night before the survey.

Iron deficiency is a primary cause of anaemia. Eating foods rich in iron and taking iron supplements can help prevent anaemia. Twenty-seven percent of children age 6-23 months ate iron-rich foods during the day or night before the survey; however, 24 percent of children age 6-23 months were given iron supplements in the week before the survey.

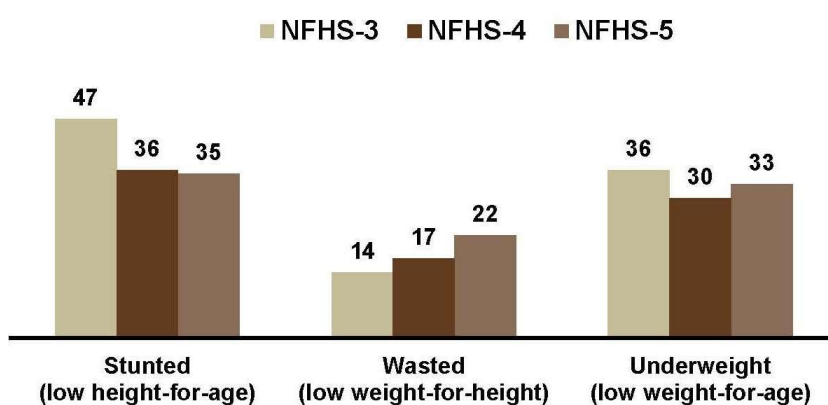
## Children's nutritional status

Childhood undernutrition contributes to childhood diseases and is a major cause of child mortality in India. Thirty-five percent of children under age five years are stunted, or too short for their age, which indicates that they have been undernourished for some time. Twenty-two percent are wasted, or too thin for their height, which may result from inadequate recent food intake or a recent illness causing weight loss, and 9 percent are severely wasted. Thirty-three percent are underweight, which takes into account both chronic and acute undernutrition. Even during the first six months of life when almost all babies are breastfed, 30 percent of children are stunted, 27 percent are wasted, and 34 percent are underweight.

Children's nutritional status in Assam has hardly changed since NFHS-4 by all measures. The percentage of children who are stunted decreased marginally from 36 percent to 35 percent in the 4 years between NFHS-4 and NFHS-5. The percentage of children who are underweight increased from 30 percent to 33 percent and children who are wasted increased from 17 percent to 22 percent since NFHS-4. However, the overall continuing high levels of undernutrition are still a major problem in Assam.

### Trends in Children's Nutritional Status

Percentage of children under five years



Note: Nutritional status estimates are based on the 2006 WHO International Reference Population

Differences in the levels of malnutrition are more pronounced for several background characteristics. Malnutrition generally decreases with increasing mother's schooling, better nutritional status of the mother, and larger child's size at birth. The level of undernutrition is relatively high for rural children and children of higher birth orders. Undernutrition is generally higher among scheduled caste, and lower among Hindu children than among children of other religions. Malnutrition is somewhat higher for male children than female children on all three nutritional status measures.

## Adults' nutritional status

Malnutrition refers to deficiencies, excesses, or imbalances in a person's intake of energy and/or nutrients and includes undernutrition as well as overweight and obesity. The body mass index (BMI), which is defined as a person's weight in kilograms divided by the square of the person's height in metres, is a measure that indicates the nutritional status in adults.

One-third of women and 30 percent of men are either too thin or overweight or obese. Among women age 15-49, the proportion of overweight or obese is 15 percent, which shows slight increase from NFHS-4. More men are overweight or obese (16%) than thin (13%). Eighteen percent of women in Assam are too thin. Over two-thirds of women (67%) and men (70%) are at a healthy weight for their height.



Undernutrition is particularly common in the younger age groups (especially age 15-19), in rural areas, and among other backward class. Overweight and obesity are most prevalent in older adults, those in urban areas, and well-educated men and women.

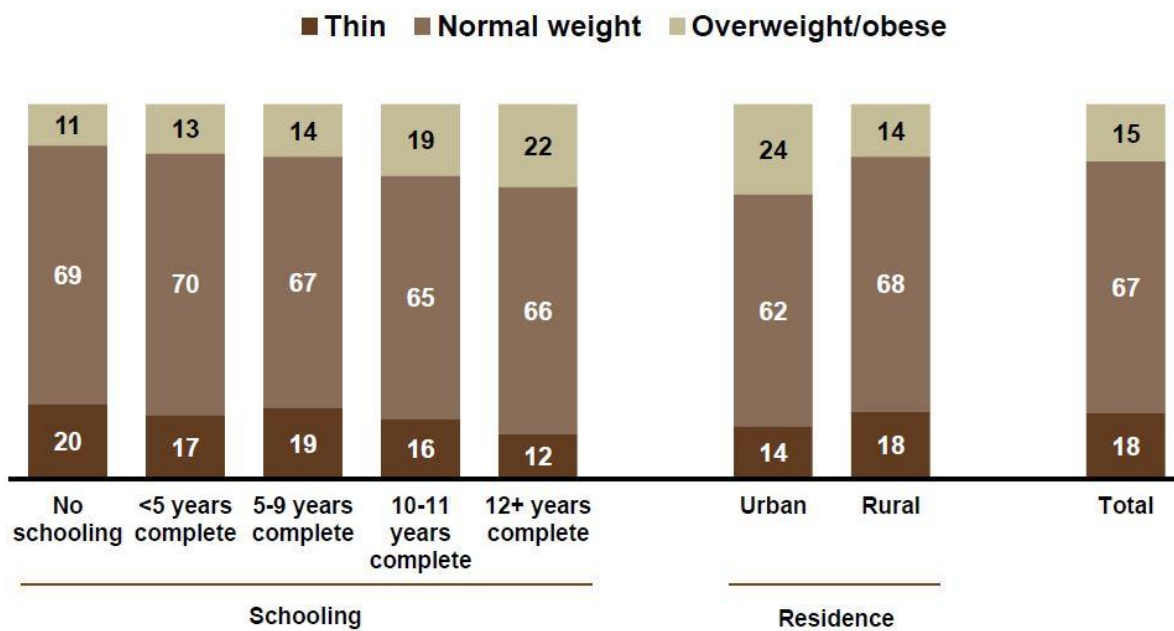
For the first time, the 2019-20 NFHS measured the waist circumference and hip circumference of women and men age 15-49 years. This information was used to calculate the waist-to-hip ratio (WHR). WHR helps to identify the distribution of body fat and predicts abdominal obesity. Abdominal obesity is associated with an increased risk of type 2 diabetes mellitus, myocardial infarction, stroke, and premature death.

More than three-fifths (67%) of women and 45 percent of men have a waist-to-hip ratio (WHR) that puts them at a substantially increased risk of metabolic complications. The proportion of adults with such increased risk WHR increases with age, from 57 percent for women age 15-19 to 73 percent for women age 40-49, and from 34 percent for men age 15-19 to 52 percent for men age 40-49. The proportion of women having a substantially increased risk of WHR is higher in rural areas (67%) than in urban areas (66%) and the risk among men is somewhat higher in urban areas (54%) than in rural areas (43%).

The use of iodized salt prevents iodine deficiency, which can lead to miscarriage, goitre, and mental retardation. Ninety-nine percent of Assam’s households were using iodized salt at the time of the survey.

## How many women are at a healthy weight for their height?

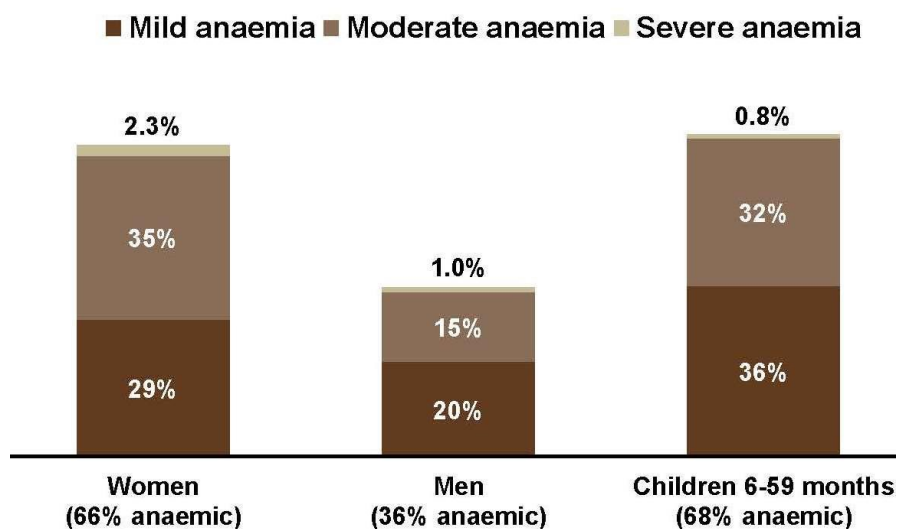
*Percent distribution of women*



## Anaemia

Anaemia is a condition that is marked by low levels of haemoglobin in the blood. Iron deficiency is estimated to be responsible for about half of all anaemia globally, but anaemia can also be caused by malaria, hookworms and other helminths, other nutritional deficiencies, chronic infections, and genetic conditions. Anaemia can result in maternal mortality, weakness, diminished physical and mental capacity, increased morbidity from infectious diseases, perinatal mortality, premature delivery, low birth weight, and (in children) impaired cognitive performance, motor development, and scholastic achievement. Anaemia is a major health problem in Assam, especially among women and children.

### Anaemia among women, men, and children



Sixty-eight percent of children age 6-59 months are anaemic in Assam. This includes 36 percent who are mildly anaemic, 32 percent who are moderately anaemic, and 1 percent who have severe anaemia. The overall prevalence of anaemia in children increased from 36 percent in NFHS-4 to 68 percent in NFHS-5. There is no difference in the prevalence of anaemia among girls and boys in NFHS-5. Children of mothers who have anaemia are much more likely to be anaemic. Although anaemia levels vary somewhat according to background characteristics, anaemia among children is widespread in every group. Over two-thirds (68%) of children in Assam are anaemic even if their mother has 12 or more years of schooling. Among the districts, 80 percent of children age 6-59 months in Kamrup Metropolitan district are anaemic, followed by West Karbi Anglong district (79%), and lowest in Morigaon district (53%).

Sixty-six percent of women in Assam have anaemia, including 29 percent with mild anaemia, 35 percent with moderate anaemia, and 2 percent with severe anaemia. Anaemia is particularly high among rural women, women age 40-49, and other backward class women, but anaemia exceeds 51 percent for every group of women. Anaemia among women has increased by 20 percent since NFHS-4. Less than two-fifth (36%) of men in Assam are anaemic. Men age 15-19, age 40-49, and in rural areas are particularly likely to be anaemic.



## ADULT HEALTH AND HEALTH CARE

### **Tuberculosis**

Tuberculosis is an infectious disease caused by a type of bacterium called *Mycobacterium tuberculosis*, which primarily affects the lungs. Tuberculosis is transmitted from person to person through the air, and people with lowered immunity, HIV, malnutrition, diabetes, and those who use tobacco or alcohol have higher chances of falling ill. Tuberculosis is both preventable and curable, however mortality is high if not treated properly.

In Assam, 298 persons per 100,000 are estimated to have medically treated tuberculosis, based on reports from household respondents. The prevalence of medically treated tuberculosis is lower among men (274) than among women (323) and is higher in rural areas (311) than in urban areas (220)

A large majority of respondents have heard of tuberculosis (92% of men and 95% of women), but even among those who have heard of tuberculosis, only 63 percent of women and 61 percent of men know that it is spread through the air by coughing or sneezing. About two-fifths (62%) of women and 71 percent of men have misconceptions about how tuberculosis is spread. Overall, 91 percent of women and 92 percent of men know that tuberculosis can be cured, and only 5 percent of women and 11 percent of men say that if a family member had tuberculosis, they would want to keep it a secret.

### **Diabetes, asthma, goitre, heart disease, and cancer**

According to self-reports, 2,060 women and 1,587 men age 15-49 per 100,000 have diabetes. Overall, 1,610 women and 523 men per 100,000 have asthma. The prevalence of asthma among women and men is higher in older age groups, those who have less schooling, and those in rural areas. Goitre is more common than asthma or diabetes among women, but less common than asthma or diabetes among men (2,642 per 100,000 women and 365 per 100,000 men). The prevalence of any heart disease is lower among men (635 per 100,000) than among women (1,205 per 100,000). Among the five diseases, cancer is the least common, with 122 women per 100,000 and 100 men per 100,000 reportedly having cancer.

### **Blood pressure (hypertension)**

Blood pressure is the force exerted by circulating blood against the arterial walls. Hypertension or high blood pressure is a condition in which the blood vessels have persistently raised pressure. Hypertension is a major risk factor for cardiovascular diseases, chronic kidney diseases, and brain diseases, and it is a major cause of premature deaths worldwide. Some of the risk factors for developing hypertension are unhealthy diets, physical inactivity, alcohol and tobacco consumption, and excess body weight.

Twelve percent of women age 15-49 in Assam have hypertension, including 7 percent with Stage 1 hypertension and 2 percent with Stage 2 and 1 percent with Stage 3 hypertension. Hypertension also includes women with normal blood pressure who are taking medicine to lower their blood pressure. Fifty-two percent of women have normal blood pressure.

The prevalence of hypertension among men age 15-49 is somewhat higher than among women. Fifteen percent of men in Assam have hypertension, including 10 percent with Stage 1 hypertension, 2 percent with Stage 2 hypertension, and 1 percent with Stage 3 hypertension. Hypertension also includes men with normal blood pressure who are taking medicine to lower their blood pressure. Thirty-seven percent of men have normal blood pressure. For both women and men, hypertension increases with age.

### **Blood glucose**

Diabetes mellitus is a chronic metabolic disease characterized by elevated levels of blood glucose. Diabetes over a period of time can cause severe damage to the heart, blood vessels, retina, kidneys, and nerves, and it puts sufferers at increased risk of various infectious and non-infectious diseases. Early diagnosis, determined by blood glucose testing, and adequate treatment are the key steps for managing diabetes and its complication. NFHS-5 has included random blood glucose measurement using capillary blood among women and men age 15 and above.

In Assam, five percent of women age 15-49 have high blood glucose levels, and 3 percent have very high blood glucose levels. In comparison, 7 percent of men age 15-49 have high and 5 percent have very high blood glucose levels. Women and men in older age groups and those with less than 5 years of schooling have relatively high blood glucose levels.

Men are more likely than women to have normal blood glucose levels and are taking medicine to lower their blood glucose level (3% of men versus 0.8% of women). Less than one percent of both women (0.6%) and men (0.5%) have blood glucose levels  $\geq 140$  mg/dl and are taking medicine to lower their blood glucose level.

### **Screening tests for cancer**

Cancer is a group of diseases with high mortality, and it is the second leading cause of death globally. The chances of successful treatment of cancer increase if diagnosed early. One way of early detection is screening, which is identification of unrecognized disease by using simple tests or examinations among those individuals who have the disease but do not yet have symptoms. NFHS-5 collected information about whether respondents had ever undergone screening test for cancer of the oral cavity, breast, and cervix.

In Assam, 0.2 percent women of age group 15-49 years have ever undergone a screening test for cancer of the cervix, breast cancer, and oral cavity, which is higher in men (2%) for screening test for oral cavity.

### **Health insurance**

Universal access to health care is the absence of any barriers in health care, including economic barriers. Adequate coverage by health insurance protects a person from financial hardships because of the costs of health care. Despite the emergence of several health insurance/financing scheme in India, only 60 percent of households in Assam have any kind of health insurance/financing scheme that covers at least one member of the household. Health insurance/financing scheme coverage is higher in rural areas (62%) compared with urban areas (50%). In Assam, after other category, the Employees' State Insurance Scheme (ESIS) and the

*Rashtriya Swasthya Bima Yojana* (RSBY) dominates the most, followed by the Central Government Health Scheme (CGHS).

More than half of adults (53% women and 54% men) age 15-49 in Assam are covered by health insurance/financing scheme. Older women and men are more likely to be covered than younger women and men. Health scheme/financing scheme is higher among uneducated men and women compared to 12 or more years of schooling.

### **Tobacco and alcohol use**

Over half (54%) of men and 13 percent of women age 15-49 use some form of tobacco. Tobacco products mostly used by men are *Khaini* (24%), and smokes cigarettes (21%). Among women, the use of any form of tobacco is slightly higher in rural areas (14%) but in urban areas men consume more tobacco products (55%). Most men who smoke cigarettes smoked fewer than five cigarettes in the past 24 hours.

In Assam, among adults age 15-49, 3 percent of women and 7 percent of men drink alcohol, and the consumption is higher among men in the urban areas. In rural areas, 3 percent of women and 6 percent of men drink alcohol. In urban areas, 2 percent of women and 8 percent of men drink alcohol. A substantial proportion of men (48%) drink alcohol about once a week, 27 percent drink less than once a week and 25 percent drink almost every day.

## **HIV/AIDS**

Information on HIV/AIDS in NFHS-5 relates to knowledge and attitudes, prior HIV testing, and the prevalence of sexually transmitted infections (STIs), including sexual behaviour of the adult and youth population. Questions on HIV/AIDS were included only in the subsample of households selected for the state module.

### **Awareness of HIV or AIDS**

Ninety-four percent of women in Assam have heard of HIV or AIDS. In urban areas, 97 percent know about HIV or AIDS, compared with 94 percent in rural areas. Women age 30-39 are more likely (95%) than older women age 40-49 (93%) to have heard of HIV or AIDS. Women with no schooling (87%), women with no regular exposure to media (92%), and women from scheduled caste (94%) are less likely than other women to have heard of HIV or AIDS.

Men are more likely than women to know about HIV or AIDS. Ninety-eight percent of men in Assam have heard of HIV or AIDS, including 97 percent in urban areas.

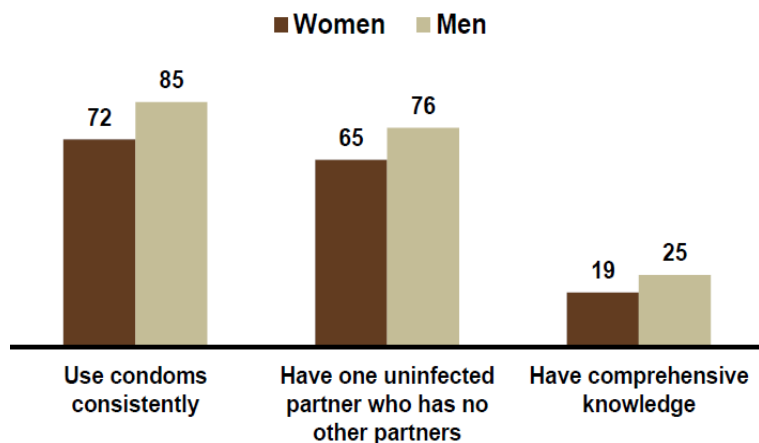
### **Knowledge of prevention and transmission**

Men are much more likely than women to know how HIV/AIDS is transmitted and how to keep from getting it. For example, 72 percent of women know that consistent condom use can help to prevent HIV/AIDS, compared with 85 percent of men, and 65 percent of women know that having just one uninfected partner who has no other partners can reduce the chance of getting HIV/AIDS, compared with 76 percent of men.

Only 19 percent of women and 25 percent of men in Assam have a 'comprehensive knowledge' about HIV/AIDS. This means they know that consistent use of condoms every time they have sex and having just one uninfected sex partner who has no other partners can reduce the chance of getting HIV/AIDS, they know that a healthy-looking person can have HIV/AIDS, and they reject two common misconceptions about the transmission or prevention of HIV/AIDS.

## Do people know how to prevent HIV/AIDS?

Percentage of women and men age 15-49



### HIV-related stigma

Three-quarters (76%) of both women and men in Assam would be willing to take care of a relative with HIV/AIDS in their home. A similar proportion of women (79%) and men (75%) say that a female teacher who has HIV/AIDS but is not sick should be allowed to continue teaching. Seventy-two percent of women and 69 percent of men say that they would buy fresh vegetables from a shopkeeper with HIV/AIDS. Seventy percent of women and 68 percent of men say that if a family member got infected with HIV/AIDS, they would not want to keep it a secret. Over three-quarters of women (76%) and 72 percent of men say that an HIV positive student should be allowed to attend school with students who are HIV negative. Over two-thirds of women (69%) and half of men think that people living with HIV/AIDS should be treated in the same public hospital as persons who are HIV negative. Seventy-six percent of women and 70 percent of men think that people living with HIV should be allowed to work in the same office with people who are HIV negative.

### HIV testing prior to NFHS-5, blood transfusions, and safe injections

Only 12 percent of women and 2 percent of men age 15-49 had ever been tested for HIV prior to NFHS-5. Women and men in urban areas are somewhat more likely to have ever been tested for HIV prior to NFHS-5 than rural women and men. Seventeen percent of women who had a live birth in the past five years and received ANC during pregnancy were tested for HIV during ANC. Urban women (29%) are more likely than rural women (15%) to have been tested for HIV during ANC.

*Seventeen percent of women who had a live birth in the past five years and received ANC during pregnancy were tested for HIV during ANC.*

In Assam, 9 percent of women and 4 percent of men have ever had a blood transfusion. Women are more likely than men to have received an injection in the past 12 months (33% of women, compared with 26% of men). A disposable syringe was used for injections for 91 percent of adults who received an injection in the past 12 months.

## **SEXUAL BEHAVIOUR**

NFHS-5 included questions on respondents' sexual behaviour. Respondents were asked about their age at first sex, their current and previous sexual partners, higher-risk intercourse, and condom use. In addition, men were asked whether they had paid for sex in the past year. These questions are sensitive and subject to reporting bias, so the results should be interpreted with caution.

### **Higher-risk behaviour**

Higher-risk sex refers to sexual intercourse with someone who is neither a spouse nor a cohabiting partner. Among those who had sex in the past 12 months, only 2 percent of men and 0.4 percent of women reported having had higher-risk sex. The proportion of men who had higher-risk sexual intercourse in the past 12 months is somewhat higher in rural areas than in urban areas.

More than half (53%) of men who had higher-risk sex in the past 12 months reported using a condom the last time they had higher-risk sex.

Less than 1 percent of men said they had paid for sex in the past year.

## **WOMEN'S EMPOWERMENT**

Empowering women and promoting gender equality in every sphere of life are essential to improving their lives and achieving the Sustainable Development Goals. NFHS-5 has collected information related to women's empowerment and autonomy, including menstrual hygiene, employment and earnings, decision-making, ownership of assets, gender role attitudes, and domestic violence.

### **Women's hygiene**

Using a hygienic method of menstrual protection is important for women's health and personal hygiene. In NFHS-5, young women age 15-24 were asked what method or methods they use for menstrual protection, if anything. In Assam, 69 percent use cloth, 53 percent use sanitary napkins, 14 percent use locally prepared napkins, and 2 percent use tampons. Overall, 67 percent of women age 15-24 use a hygienic method of menstrual protection, up from 45 percent in NFHS-4. Notably, only 64 percent of rural women use a hygienic method of menstrual protection, compared with 83 percent of urban women.

### **Employment and earnings**

Only 21 percent of all women age 15-49, compared with 83 percent of men, were employed in the 12 months preceding the survey. Among employed women, 90 percent earned cash (including 13 percent who earned both cash and in-kind). Eight percent were not paid at all. More men who were employed earned cash (96%, including 10 percent who earned both cash and in-kind). Three percent of employed men were not paid at all. A large majority (86%) of employed women work in non-agricultural occupations, compared with 69 percent of employed men.



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*Only 21 percent of all women age 15-49 were employed in the 12 months preceding the survey.*

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### **Decision making**

Currently married women were asked who makes decisions about their own health care, major household purchases, and visits to their own family or relatives. Women are somewhat more likely to participate in decisions about their own health care (86%) also for decisions about visits to their own family and relatives and for major household purchases (84%). Overall, 78 percent of currently married women participate in making all three of these decisions, and 8 percent do not participate in making any of the three decisions. Participation in all three decisions varies most by age, increasing sharply from 67 percent among women age 15-19 to 78 percent among women age 40-49.

In the case of currently married men, they are much more likely than women to report that they alone or jointly with their wives participated in making decisions about their own health care (95%) and 98 percent participated in decisions about major household purchases. Only 1 percent of men participated in making neither of these decisions.

### **Other indicators of women's empowerment**

In Assam, 29 percent of women have money that they can decide how to use. The proportion of women who have money that they can decide how to use is higher among urban (36%) than rural (27%) women, increases sharply with age, is much higher among women with 12 or more years of schooling (37%), and is highest among women who are employed for cash (56%) than any other group of women.

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*A large majority (79%) of women have a bank or savings account that they themselves use.*

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Seventy-nine percent of women have a bank or savings account that they themselves use. This percentage is highest, at 90 percent, among women who have 12 or more years of schooling and also among women who are Hindu (82%). Women's knowledge and use of microcredit programmes has improved since NFHS-4. Sixty-three percent of women know of a microcredit programme in their area, but only 14 percent have ever taken a loan from a microcredit programme.

Nearly one-fifth (19%) of women who have a mobile phone use it for financial transactions. Urban women (23%) are more likely to use a mobile phone for financial transactions, than rural women (18%). This percentage increases with education, 32 percent for 12 or more years of education uses a mobile phone for financial transactions, compared with 11 percent of women having less than 5 years of schooling, or no schooling (8%). More than one-quarter (29%) of employed women who earn in cash use a mobile phone for financial transactions, compared with 23 percent of employed women who don't earn cash. Muslim women are least likely (14%)

to use a mobile phone compared with Christian women (24%). Women belonging to other backward classes (23%) use a mobile phone for financial transactions than women belonging to any other social groups.

### **Ownership of assets**

Forty-two percent of women and 74 percent of men age 15-49 in Assam own a house alone or jointly with someone else, and 35 percent of women and 64 percent of men own land alone or jointly with someone else. Among men and women, ownership of a house and land is more common in rural than urban areas.

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*Forty-two percent of women own a house alone or jointly with someone else, and 15 percent of women own land alone or jointly with someone else.*

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In Assam, 57 percent of women have a mobile phone that they themselves use, and among women who have a mobile phone that they themselves use, 71 percent can read SMS messages. Seventy-five percent of urban women have a mobile phone they themselves use, compared with 54 percent of rural women. Mobile phone access increases substantially with education, from 30% among women with no schooling to 87% among women with 12 or more years of schooling. Sixty-five percent of women belonging to a scheduled caste have a mobile phone they themselves use, compared with 54-60 percent of women in other categories. Women in Other caste category, who have a mobile phone that they themselves use are also less likely to be able to read SMS messages (66%) than women in other groups (70-78%).

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*Fifty-seven percent of women in Assam have a mobile phone that they themselves use.*

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### **Gender-role attitudes**

Thirty-two percent of women agree that a husband is justified in hitting or beating his wife under at least one specified reason. Women are most likely to agree that wife beating is justified if a woman shows disrespect for her in-laws (21%), followed by if she neglects the house or children and argues with husband (15%), and if he suspects her of being unfaithful (14%). Men are more likely to agree: 36 percent say that wife beating is justified in some circumstances, especially if the wife shows disrespect for in-laws (22%) or if she neglects the house or children as well as argues with him (15%). Even among women and men who have completed at least 12 years of schooling, 24 percent of women and 30 percent of men say that a husband is justified in beating his wife for one or more of the specified reasons.

Seventy-seven percent of women and 70 percent of men believe that a woman is justified in refusing to have sex with her husband if she knows he has a sexually transmitted disease, if she knows he has intercourse with other women, and if she is tired or not in the mood. Less than three-quarters of men (71%) agree that if a wife refuses to have sex with her husband he does

not have a right to get angry and reprimand her, refuse to give her financial support, use force to have sex even if she doesn't want to, or have sex with another woman.

## **DOMESTIC VIOLENCE**

The World Health Organization recognizes that violence against women, particularly domestic or spousal violence, is a major public and clinical health problem and a violation of women's human rights, which also reflects the scale of gender inequality and discrimination against women. The consequences of violence on physical, mental, sexual, and reproductive health often last a lifetime. NFHS-5 collected information on domestic violence from women age 18-49, related to behaviours of her husband that cause physical, sexual or emotional harm, including physical violence, sexual coercion, emotional abuse, and controlling behaviours. Information was also collected on violence during pregnancy and help seeking behaviour for any violence experienced.

In Assam, one-third of women age 18-49 have ever experienced physical violence, and 7 percent have ever experienced sexual violence. In all, 34 percent of women experienced physical or sexual violence (37% among ever-married and 17% among never-married) and 6 percent experienced both physical and sexual violence. For ever-married women who experienced physical violence since age 15, the most common perpetrator was the current husband.

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*More than one-third (37%) of ever-married women age 18-49 in Assam have experienced physical or sexual violence.*

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### **Violence during pregnancy**

Two percent of women age 18-49 who have ever been pregnant have ever experienced physical violence during one or more of their pregnancies. Women with no schooling, women with 3-4 children, and women who are widowed, divorced, separated, or deserted are more likely to experience violence during pregnancy than women in any other group.

### **Spousal violence**

In Assam, 31 percent of ever-married women age 18-49 have experienced any form of physical violence committed by their husband, 7 percent have experienced any form of sexual violence committed by their husband, and 12 percent have experienced any form of emotional violence committed by their husband. Twenty-eight percent of ever-married women report having been slapped by their husband. Twelve percent report being pushed, shaken, or having something thrown at them. Ten percent experienced having their arm twisted or hair pulled, 7 percent being punched with a fist or something that could hurt her, 6 percent report being kicked, dragged, or beaten up, and 2 percent that her husband tried to choke or burn her on purpose.

Five percent of ever-married women age 18-49 report that their husband have physically forced them to have sex even when they did not want to, and 4 percent report that their husband forced them with threats or in any other way to perform sexual acts they did not want to perform. Overall, 32 percent of ever-married women have experienced spousal physical or sexual

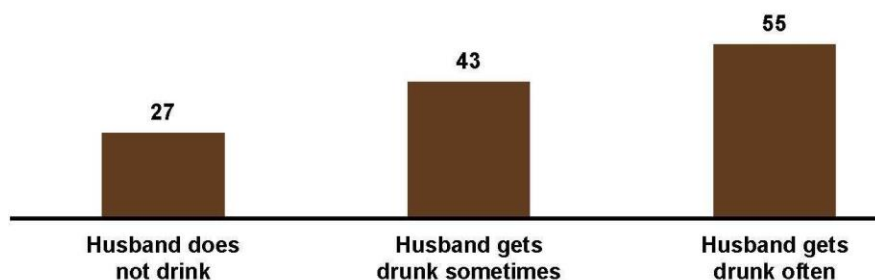


violence from their current husband or, if not currently married, from their most recent husband. Few ever-married women (4%) reported that they have initiated violence against their husband when he was not already beating or physically hurting them.

Spousal violence prevails across all groups. Although spousal violence is much lower among more educated women, more than 1 in 6 (18%) ever married women who have at least 12 years of schooling have experienced emotional, physical, or sexual spousal violence. The experience of spousal violence is higher among women in rural areas (35%) than in urban areas (28%); and among women who are employed for

### Is alcohol use related to spousal physical or sexual violence?

Percentage of ever-married women experiencing violence



Note: Category "husband drinks, but never gets drunk" not shown since there are fewer than 25 unweighted cases.

cash (49%) than women who are not employed (30%). Husband's characteristics are also related to overall spousal violence (emotional, physical, or sexual). For instance, women are more likely to experience spousal violence if their husband gets drunk often (57%), displays 5-6 marital control behaviours (77%), gets drunk sometimes (48%), and if the husband never attended school (44%). Experience of spousal violence is also much higher (63%) among women who say they are afraid of their husband most of the time. The intergenerational aspects of spousal violence are clear from the fact that women whose mothers were beaten by their fathers are more likely to be in abusive marriages themselves.

In the past 12 months preceding the survey, one-quarter of ever-married women age 18-49 who have ever experienced physical or sexual violence reported suffering from injuries from what their husband did to them. That proportion stretches up to 39 percent among women who have experienced both physical and sexual violence. The most common types of injuries among women who have experienced physical and sexual violence are cuts, bruises, or aches (35%); eye injuries, sprains, dislocations, or minor burns (20%); deep wounds, broken bones, broken teeth, or any other serious injury (10%), and severe burns (9%)

### Help seeking

In Assam, only 10 percent of women age 18-49 who have ever experienced physical or sexual violence sought help, while 9 percent never sought help but told someone. Women most likely to sought help are those who experienced both physical and sexual violence (23%). More than four-fifths (81%) never sought help nor told anyone. Among women who sought help, the main sources of help were their own family (44%), their husband's family (37%), or neighbour (13%). Eleven percent sought help from the police.

**Table 1 Results of the household and individual interviews**

Number of households, number of interviews with women and men, and response rates, according to residence, Assam, 2019-20

| Result                                 | Residence |        | Total  |
|--|-----------|--------|--------|
|  | Urban     | Rural  |        |
| <b>Household interviews</b>            |           |        |        |
| Households selected                    | 4,093     | 26,400 | 30,493 |
| Households occupied                    | 4,051     | 26,266 | 30,317 |
| Households interviewed                 | 3,988     | 26,131 | 30,119 |
| Household response rate <sup>1</sup>   | 98.4      | 99.5   | 99.3   |
| <b>Interviews with women age 15-49</b> |           |        |        |
| Number of eligible women               | 4,460     | 31,363 | 35,823 |
| Number of eligible women interviewed   | 4,291     | 30,688 | 34,979 |
| Women response rate <sup>2</sup>       | 96.2      | 97.8   | 97.6   |
| <b>Interviews with men age 15-54</b>   |           |        |        |
| Number of eligible men                 | 734       | 4,560  | 5,294  |
| Number of eligible men interviewed     | 681       | 4,292  | 4,973  |
| Men response rate <sup>2</sup>         | 92.8      | 94.1   | 93.9   |

Note: Eligible women and men are women age 15-49 and men age 15-54 who stayed in the household the night before the household interview (including both usual residents and visitors). This table is based on the unweighted sample.

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

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

**Table 2 Results of the household and individual interviews by district**

Number of households, number of women and men interviewed, and response rates by residence and district, Assam, 2019-20

| District                | Households interviewed |        |        | Household response rate <sup>1</sup> | Number of women interviewed |        |        | Women response rate <sup>2</sup> | Number of men interviewed |       |       | Men response rate <sup>2</sup> |
|-------------------------|------------------------|--------|--------|--------------------------------------|-----------------------------|--------|--------|----------------------------------|---------------------------|-------|-------|--------------------------------|
|                         | Urban                  | Rural  | Total  |                                      | Urban                       | Rural  | Total  |                                  | Urban                     | Rural | Total |                                |
| Baksa                   | 22                     | 899    | 921    | 99.8                                 | 21                          | 1,154  | 1,175  | 99.3                             | na                        | 156   | 156   | 98.1                           |
| Barpeta                 | 85                     | 829    | 914    | 99.8                                 | 102                         | 1,061  | 1,163  | 98.6                             | 16                        | 143   | 159   | 97.0                           |
| Biswanath               | 42                     | 859    | 901    | 98.9                                 | 41                          | 959    | 1,000  | 96.0                             | 9                         | 126   | 135   | 91.8                           |
| Bongaigaon              | 132                    | 784    | 916    | 99.3                                 | 157                         | 935    | 1,092  | 98.5                             | 18                        | 151   | 169   | 99.4                           |
| Cachar                  | 171                    | 736    | 907    | 99.1                                 | 203                         | 907    | 1,110  | 98.7                             | 24                        | 128   | 152   | 98.7                           |
| Charaideo               | 66                     | 856    | 922    | 100.0                                | 76                          | 1,041  | 1,117  | 98.8                             | 6                         | 160   | 166   | 96.5                           |
| Chirang                 | 63                     | 849    | 912    | 99.5                                 | 52                          | 1,024  | 1,076  | 98.4                             | 16                        | 132   | 148   | 93.1                           |
| Darrang                 | 66                     | 852    | 918    | 99.4                                 | 72                          | 981    | 1,053  | 98.8                             | 11                        | 165   | 176   | 98.3                           |
| Dhemaji                 | 66                     | 852    | 918    | 99.4                                 | 70                          | 919    | 989    | 95.5                             | 11                        | 137   | 148   | 91.4                           |
| Dhubri                  | 108                    | 804    | 912    | 99.3                                 | 112                         | 905    | 1,017  | 98.6                             | 17                        | 111   | 128   | 93.4                           |
| Dibrugarh               | 174                    | 746    | 920    | 99.9                                 | 180                         | 906    | 1,086  | 97.7                             | 19                        | 142   | 161   | 97.0                           |
| Dima Hasao              | 260                    | 658    | 918    | 99.7                                 | 283                         | 718    | 1,001  | 94.2                             | 43                        | 106   | 149   | 93.1                           |
| Goalpara                | 131                    | 786    | 917    | 99.5                                 | 156                         | 1,002  | 1,158  | 99.5                             | 29                        | 135   | 164   | 97.0                           |
| Golaghat                | 87                     | 832    | 919    | 99.8                                 | 83                          | 945    | 1,028  | 97.9                             | 10                        | 119   | 129   | 92.8                           |
| Hailakandi              | 63                     | 842    | 905    | 98.9                                 | 76                          | 981    | 1,057  | 96.3                             | 9                         | 121   | 130   | 81.3                           |
| Hojai                   | 230                    | 666    | 896    | 98.4                                 | 265                         | 762    | 1,027  | 96.8                             | 33                        | 115   | 148   | 93.7                           |
| Jorhat                  | 215                    | 702    | 917    | 99.6                                 | 236                         | 783    | 1,019  | 96.9                             | 31                        | 117   | 148   | 89.2                           |
| Kamrup                  | 84                     | 810    | 894    | 98.1                                 | 91                          | 930    | 1,021  | 96.3                             | 11                        | 127   | 138   | 83.1                           |
| Kamrup Metropolitan     | 749                    | 154    | 903    | 98.8                                 | 757                         | 169    | 926    | 97.7                             | 147                       | 18    | 165   | 92.7                           |
| Karbi Anglong           | 132                    | 787    | 919    | 99.9                                 | 151                         | 891    | 1,042  | 96.4                             | 26                        | 130   | 156   | 92.3                           |
| Karimganj               | 87                     | 830    | 917    | 99.5                                 | 95                          | 1,075  | 1,170  | 99.5                             | 13                        | 147   | 160   | 98.8                           |
| Kokrajhar               | 48                     | 849    | 897    | 97.7                                 | 49                          | 1,003  | 1,052  | 98.2                             | 14                        | 130   | 144   | 92.9                           |
| Lakhimpur               | 87                     | 829    | 916    | 99.3                                 | 84                          | 873    | 957    | 97.3                             | 14                        | 126   | 140   | 96.6                           |
| Majuli                  | na                     | 921    | 921    | 99.9                                 | na                          | 1,052  | 1,052  | 97.6                             | na                        | 146   | 146   | 94.8                           |
| Morigaon                | 64                     | 851    | 915    | 99.5                                 | 72                          | 999    | 1,071  | 97.4                             | 11                        | 125   | 136   | 92.5                           |
| Nagaon                  | 109                    | 813    | 922    | 99.9                                 | 131                         | 991    | 1,122  | 99.3                             | 22                        | 147   | 169   | 98.8                           |
| Nalbari                 | 106                    | 780    | 886    | 98.3                                 | 123                         | 888    | 1,011  | 94.8                             | 22                        | 123   | 145   | 85.8                           |
| Sivasagar               | 110                    | 809    | 919    | 99.9                                 | 104                         | 916    | 1,020  | 98.2                             | 18                        | 128   | 146   | 96.1                           |
| Sonitpur                | 105                    | 804    | 909    | 99.1                                 | 110                         | 957    | 1,067  | 98.1                             | 24                        | 124   | 148   | 96.1                           |
| South Salmara Mancachar | 44                     | 868    | 912    | 99.0                                 | 53                          | 1,032  | 1,085  | 98.6                             | 9                         | 153   | 162   | 91.5                           |
| Tinsukia                | 174                    | 745    | 919    | 100.0                                | 164                         | 898    | 1,062  | 96.5                             | 29                        | 126   | 155   | 95.7                           |
| Udalguri                | 42                     | 874    | 916    | 99.6                                 | 51                          | 1,037  | 1,088  | 98.4                             | 11                        | 140   | 151   | 97.4                           |
| West Karbi Anglong      | 66                     | 855    | 921    | 99.8                                 | 71                          | 994    | 1,065  | 96.6                             | 8                         | 138   | 146   | 93.0                           |
| Assam                   | 3,988                  | 26,131 | 30,119 | 99.3                                 | 4,291                       | 30,688 | 34,979 | 97.6                             | 681                       | 4,292 | 4,973 | 93.9                           |

Note: This table is based on the unweighted sample; all subsequent tables are based on the weighted sample unless otherwise specified. The number of women and men is based on the *de facto* population.

na = Not applicable

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

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

**Table 3 Household population by age, schooling, residence, sex, and possession of an Aadhaar card**

Percent distribution of the *de facto* household population by age and schooling and percentage of *de facto* individuals who have an Aadhaar card, according to residence and sex, Assam, 2019-20

| Background characteristic                            | Urban |        |        | Rural  |        |        | Total  |        |         |
|--|-------|--------|--------|--------|--------|--------|--------|--------|---------|
|  | Male  | Female | Total  | Male   | Female | Total  | Male   | Female | Total   |
| <b>Age</b>   |       |        |        |        |        |        |        |        |         |
| 0-4  | 6.4   | 6.2    | 6.3    | 8.7    | 8.3    | 8.5    | 8.4    | 8.0    | 8.2     |
| 5-9  | 7.2   | 6.8    | 7.0    | 10.6   | 10.0   | 10.3   | 10.1   | 9.5    | 9.8     |
| 10-14  | 7.9   | 8.0    | 7.9    | 10.8   | 10.7   | 10.7   | 10.3   | 10.3   | 10.3    |
| 15-19  | 8.4   | 7.7    | 8.1    | 9.1    | 9.2    | 9.2    | 9.0    | 9.0    | 9.0     |
| 20-24  | 8.3   | 9.0    | 8.6    | 7.8    | 9.2    | 8.5    | 7.8    | 9.2    | 8.5     |
| 25-29  | 9.6   | 9.4    | 9.5    | 8.2    | 9.5    | 8.8    | 8.4    | 9.5    | 8.9     |
| 30-34  | 8.1   | 8.5    | 8.3    | 7.4    | 7.7    | 7.6    | 7.5    | 7.8    | 7.7     |
| 35-39  | 8.2   | 9.1    | 8.6    | 7.4    | 7.4    | 7.4    | 7.5    | 7.7    | 7.6     |
| 40-44  | 6.7   | 7.0    | 6.9    | 5.9    | 5.7    | 5.8    | 6.0    | 5.9    | 6.0     |
| 45-49  | 7.3   | 7.8    | 7.6    | 6.2    | 6.1    | 6.1    | 6.3    | 6.4    | 6.4     |
| 50-54  | 6.0   | 6.4    | 6.2    | 4.6    | 4.6    | 4.6    | 4.8    | 4.8    | 4.8     |
| 55-59  | 5.4   | 4.7    | 5.0    | 4.3    | 4.0    | 4.1    | 4.4    | 4.1    | 4.3     |
| 60-64  | 4.7   | 3.5    | 4.1    | 3.8    | 3.1    | 3.4    | 3.9    | 3.2    | 3.5     |
| 65-69  | 2.5   | 2.8    | 2.7    | 2.3    | 1.9    | 2.1    | 2.3    | 2.0    | 2.2     |
| 70-74  | 1.6   | 1.6    | 1.6    | 1.5    | 1.1    | 1.3    | 1.5    | 1.2    | 1.3     |
| 75-79  | 1.1   | 0.7    | 0.9    | 0.9    | 0.6    | 0.7    | 0.9    | 0.6    | 0.8     |
| 80 or more   | 0.6   | 0.9    | 0.7    | 0.8    | 0.7    | 0.7    | 0.8    | 0.7    | 0.7     |
| Total  | 100.0 | 100.0  | 100.0  | 100.0  | 100.0  | 100.0  | 100.0  | 100.0  | 100.0   |
| <b>Aadhaar card</b>                                  |       |        |        |        |        |        |        |        |         |
| Percentage with an Aadhaar card                      | 31.1  | 26.5   | 28.8   | 13.2   | 10.2   | 11.7   | 15.8   | 12.5   | 14.2    |
| <b>Sex ratio, all ages<sup>1</sup></b>               |       |        |        |        |        |        |        |        |         |
| Sex ratio, all ages <sup>1</sup>                     | na    | na     | 982    | na     | na     | 1,017  | na     | na     | 1,012   |
| <b>Sex ratio, age 0-6 years<sup>1</sup></b>          |       |        |        |        |        |        |        |        |         |
| Sex ratio, age 0-6 years <sup>1</sup>                | na    | na     | 945    | na     | na     | 973    | na     | na     | 970     |
| <b>Schooling<sup>2</sup></b>                         |       |        |        |        |        |        |        |        |         |
| No schooling   | 6.3   | 12.1   | 9.2    | 15.0   | 23.4   | 19.2   | 13.7   | 21.8   | 17.8    |
| <5 years complete                                    | 15.6  | 16.0   | 15.8   | 24.2   | 21.9   | 23.0   | 22.9   | 21.1   | 22.0    |
| 5-9 years complete                                   | 34.3  | 34.4   | 34.3   | 39.0   | 37.6   | 38.3   | 38.3   | 37.1   | 37.7    |
| 10-11 years complete                                 | 12.8  | 12.6   | 12.7   | 8.8    | 7.8    | 8.3    | 9.4    | 8.5    | 8.9     |
| 12 or more years complete                            | 30.9  | 24.9   | 27.9   | 13.1   | 9.3    | 11.1   | 15.7   | 11.5   | 13.6    |
| Don't know   |       |        |        |        |        |        |        |        |         |
| Total  | 100.0 | 100.0  | 100.0  | 100.0  | 100.0  | 100.0  | 100.0  | 100.0  | 100.0   |
| <b>Number</b>  |       |        |        |        |        |        |        |        |         |
| Number   | 8,622 | 8,505  | 17,128 | 48,872 | 49,878 | 98,754 | 57,494 | 58,383 | 115,882 |
| <b>Median number of years of schooling completed</b> |       |        |        |        |        |        |        |        |         |
| Median number of years of schooling completed        | 8.5   | 8.1    | 8.3    | 5.8    | 4.8    | 5.3    | 6.3    | 5.3    | 5.8     |
|  | 6.4   | 6.2    | 6.3    | 8.7    | 8.3    | 8.5    | 8.4    | 8.0    | 8.2     |

na = Not applicable

<sup>1</sup> Females per 1,000 males

<sup>2</sup> Population age 6 and above

**Table 4 Household and housing characteristics**

Percent distribution of urban, rural, and total households and *de jure* population by household and housing characteristics, Assam, 2019-20

| Household and housing characteristic                        | Urban | Rural | Total | <i>De jure</i><br>population |
|---|-------|-------|-------|------------------------------|
| <b>Household headship</b>                                   |       |       |       |                              |
| Male  | 81.5  | 85.3  | 84.7  | 87.1                         |
| Female  | 18.4  | 14.7  | 15.3  | 12.8                         |
| Total   | 100.0 | 100.0 | 100.0 | 100.0                        |
| Mean household size   | 3.8   | 4.4   | 4.3   | na                           |
| <b>Household structure<sup>1</sup></b>                      |       |       |       |                              |
| Nuclear   | 68.1  | 63.6  | 64.3  | 55.1                         |
| Non-nuclear   | 31.9  | 36.4  | 35.7  | 44.9                         |
| Total   | 100.0 | 100.0 | 100.0 | 100.0                        |
| <b>Religion of household head</b>                           |       |       |       |                              |
| Hindu   | 80.0  | 59.8  | 63.1  | 60.0                         |
| Muslim  | 18.6  | 36.6  | 33.7  | 36.9                         |
| Buddhist/Neo-Buddhist                                       | 1.3   | 3.3   | 3.0   | 2.9                          |
| Other   | 0.2   | 0.3   | 0.3   | 0.2                          |
| Total   | 100.0 | 100.0 | 100.0 | 100.0                        |
| <b>Caste/tribe of household head</b>                        |       |       |       |                              |
| Scheduled caste   | 18.7  | 12.3  | 13.4  | 13.0                         |
| Scheduled tribe   | 7.5   | 14.0  | 13.0  | 12.6                         |
| Other backward class  | 21.3  | 26.4  | 25.6  | 24.5                         |
| Other   | 51.9  | 46.9  | 47.7  | 49.5                         |
| Don't know  | 0.6   | 0.3   | 0.4   | 0.3                          |
| Total   | 100.0 | 100.0 | 100.0 | 100.0                        |
| <b>Electricity</b>  |       |       |       |                              |
| Yes   | 98.9  | 91.5  | 92.7  | 92.6                         |
| No  | 1.1   | 8.5   | 7.3   | 7.4                          |
| Total   | 100.0 | 100.0 | 100.0 | 100.0                        |
| <b>Source of drinking water</b>                             |       |       |       |                              |
| <b>Improved source</b>                                      | 92.2  | 85.2  | 86.4  | 86.0                         |
| Piped water into dwelling/yard/plot                         | 22.1  | 3.7   | 6.7   | 6.1                          |
| Piped to neighbour  | 1.2   | 0.4   | 0.5   | 0.5                          |
| Public tap/standpipe  | 8.2   | 3.8   | 4.5   | 4.3                          |
| Tube well or borehole                                       | 50.4  | 72.0  | 68.5  | 69.2                         |
| Other improved <sup>2</sup>                                 | 10.2  | 5.3   | 6.1   | 6.0                          |
| <b>Unimproved source</b>                                    | 4.6   | 14.0  | 12.5  | 12.8                         |
| Unprotected dug well  | 3.6   | 7.6   | 7.0   | 7.0                          |
| Unprotected spring  | 0.3   | 0.9   | 0.8   | 0.8                          |
| Surface water   | 0.7   | 5.5   | 4.7   | 5.1                          |
| Other source  | 3.3   | 0.8   | 1.2   | 1.1                          |
| Total   | 100.0 | 100.0 | 100.0 | 100.0                        |
| <b>Time to obtain drinking water (round trip)</b>           |       |       |       |                              |
| Water on premises/delivered to dwelling                     | 92.4  | 87.7  | 88.5  | 88.4                         |
| Less than 30 minutes  | 6.4   | 10.6  | 9.9   | 9.9                          |
| Thirty minutes or longer                                    | 1.1   | 1.7   | 1.6   | 1.7                          |
| Don't know  | 0.0   | 0.0   | 0.0   | 0.0                          |
| Total   | 100.0 | 100.0 | 100.0 | 100.0                        |
| Percentage with basic drinking water service <sup>3</sup>   | 91.1  | 84.3  | 85.4  | 85.1                         |
| Percentage with limited drinking water service <sup>4</sup> | 1.1   | 0.9   | 0.9   | 0.9                          |

*Continued...*

Table 4 Household and housing characteristics—Continued

Percent distribution of urban, rural, and total households and *de jure* population by household and housing characteristics, Assam, 2019-20

| Household and housing characteristic                                    | Urban | Rural | Total | <i>De jure</i><br>population |
|---|-------|-------|-------|------------------------------|
| <b>Water treatment prior to drinking<sup>5</sup></b>                    |       |       |       |                              |
| Boil  | 17.3  | 16.2  | 16.3  | 16.6                         |
| Bleach or chlorine tablets  | 1.2   | 0.5   | 0.6   | 0.7                          |
| Strain through cloth  | 1.0   | 1.0   | 1.0   | 1.1                          |
| Use ceramic, sand, or other water filter                                | 56.7  | 41.8  | 44.2  | 43.4                         |
| Use electronic purifier   | 10.2  | 1.1   | 2.6   | 2.2                          |
| Use solar disinfection  | 0.2   | 0.1   | 0.1   | 0.1                          |
| Allow water to stand and settle   | 3.7   | 1.4   | 1.8   | 1.7                          |
| Other   | 1.4   | 1.5   | 1.4   | 1.6                          |
| No treatment  | 28.4  | 48.1  | 44.9  | 45.8                         |
| Percentage using an appropriate treatment method <sup>6</sup>           | 67.9  | 49.7  | 52.6  | 51.6                         |
| <b>Sanitation Facility</b>  |       |       |       |                              |
| <b>Improved, not shared facility</b>                                    |       |       |       |                              |
| Flush/pour flush to piped sewer system, septic tank, or pit latrine     | 51.2  | 29.5  | 33.1  | 33.2                         |
| Flush/pour flush, don't know where                                      | 0.2   | 0.2   | 0.2   | 0.2                          |
| Pit latrine with slab   | 8.8   | 13.7  | 12.9  | 13.6                         |
| Other <sup>7</sup>  | 7.2   | 23.9  | 21.2  | 21.5                         |
| <b>Shared facility<sup>8</sup></b>                                      |       |       |       |                              |
| Flush/pour flush to piped sewer system, septic tank, or pit latrine     | 18.1  | 4.0   | 6.3   | 5.2                          |
| Flush/pour flush, don't know where                                      | 0.0   | 0.0   | 0.0   | 0.0                          |
| Pit latrine with slab   | 4.3   | 2.1   | 2.5   | 2.1                          |
| Other <sup>7</sup>  | 1.7   | 3.2   | 3.0   | 2.6                          |
| <b>Unimproved</b>   |       |       |       |                              |
| Flush/pour flush not to piped sewer system, septic tank, or pit latrine | 0.9   | 0.9   | 0.9   | 0.9                          |
| Pit latrine without slab/open pit                                       | 2.9   | 9.0   | 8.0   | 8.4                          |
| Dry toilet  | 2.4   | 5.0   | 4.6   | 4.8                          |
| Other   | 1.3   | 3.5   | 3.1   | 3.3                          |
| No facility/uses open spaces/field                                      | 0.9   | 4.9   | 4.2   | 4.1                          |
| Total   | 100.0 | 100.0 | 100.0 | 100.0                        |
| Percentage with basic sanitation service <sup>9</sup>                   | 67.3  | 67.3  | 67.3  | 68.5                         |
| Percentage with limited sanitation service <sup>10</sup>                | 24.1  | 9.4   | 11.8  | 10.0                         |
| <b>Type of house<sup>11</sup></b>                                       |       |       |       |                              |
| <i>Kachha</i>   | 0.8   | 3.3   | 2.9   | 3.0                          |
| <i>Semi-pucca</i>   | 30.8  | 68.8  | 62.6  | 63.2                         |
| <i>Pucca</i>  | 65.5  | 24.9  | 31.6  | 30.7                         |
| Missing   | 2.8   | 2.9   | 2.9   | 3.1                          |
| Total   | 100.0 | 100.0 | 100.0 | 100.0                        |
| <b>Persons per room used for sleeping</b>                               |       |       |       |                              |
| <3  | 82.3  | 78.5  | 79.1  | 76.1                         |
| 3-4   | 15.2  | 17.7  | 17.3  | 19.3                         |
| 5-6   | 2.4   | 3.3   | 3.2   | 4.0                          |
| 7 and over  | 0.1   | 0.4   | 0.4   | 0.6                          |
| Total   | 100.0 | 100.0 | 100.0 | 100.0                        |

Continued...

Table 4 Household and housing characteristics—Continued

Percent distribution of urban, rural, and total households and de jure population by household and housing characteristics, Assam, 2019-20

| Household and housing characteristic                                      | Urban | Rural  | Total  | De jure population |
|---|-------|--------|--------|--------------------|
| <b>Cooking fuel</b>   |       |        |        |                    |
| Electricity   | 0.2   | 0.2    | 0.2    | 0.2                |
| LPG/natural gas   | 85.1  | 33.1   | 41.6   | 39.1               |
| Biogas  | 0.2   | 0.3    | 0.3    | 0.3                |
| Kerosene  | 2.5   | 1.1    | 1.4    | 1.2                |
| Coal/lignite  | 0.1   | 0.2    | 0.2    | 0.2                |
| Charcoal  | 0.1   | 0.3    | 0.3    | 0.3                |
| Wood  | 11.3  | 62.4   | 54.0   | 56.6               |
| Straw/shrubs/grass  | 0.1   | 1.2    | 1.0    | 1.0                |
| Agricultural crop waste   | 0.3   | 1.1    | 1.0    | 1.1                |
| Dung cakes  | 0.0   | 0.0    | 0.0    | 0.0                |
| No food cooked in the household   | 0.1   | 0.0    | 0.0    | 0.0                |
| Other   | 0.0   | 0.0    | 0.0    | 0.0                |
| Total   | 100.0 | 100.0  | 100.0  | 100.0              |
| Percentage using clean fuel for cooking <sup>12</sup>                     | 85.5  | 33.7   | 42.1   | 39.5               |
| Percentage using solid fuel for cooking <sup>13</sup>                     | 11.9  | 65.1   | 56.4   | 59.2               |
| <b>Place for cooking</b>  |       |        |        |                    |
| In the house, separate room   | 59.4  | 36.8   | 40.5   | 39.3               |
| In the house, no separate room  | 20.9  | 13.4   | 14.6   | 13.3               |
| In a separate building  | 18.1  | 46.0   | 41.5   | 43.9               |
| Outdoors  | 1.2   | 3.2    | 2.8    | 3.0                |
| No food cooked in household   | 0.1   | 0.0    | 0.0    | 0.0                |
| Other   | 0.3   | 0.6    | 0.5    | 0.6                |
| Total   | 100.0 | 100.0  | 100.0  | 100.0              |
| Number  | 4,913 | 25,206 | 30,119 | 130,500            |
| <b>Type of fire/stove among households using solid fuels<sup>13</sup></b> |       |        |        |                    |
| Stove   | 0.8   | 0.2    | 0.3    | 0.3                |
| Chullah   | 94.7  | 90.9   | 91.1   | 91.3               |
| Open fire   | 4.5   | 8.8    | 8.7    | 8.4                |
| Other   | 0.0   | 0.0    | 0.0    | 0.0                |
| Total   | 100.0 | 100.0  | 100.0  | 100.0              |
| Number using solid fuel   | 583   | 16,418 | 17,002 | 77,210             |
| <b>Frequency of smoking in the house<sup>14</sup></b>                     |       |        |        |                    |
| Daily   | 22.1  | 32.5   | 30.8   | 32.5               |
| Weekly  | 11.5  | 15.5   | 14.8   | 15.3               |
| Monthly   | 5.1   | 6.1    | 5.9    | 6.0                |
| Less than monthly   | 5.8   | 5.7    | 5.7    | 5.7                |
| Never   | 55.5  | 40.3   | 42.8   | 40.5               |
| Total   | 100.0 | 100.0  | 100.0  | 100.0              |
| Number  | 4,913 | 25,206 | 30,119 | 130,500            |

na = Not applicable

<sup>1</sup> Nuclear households are households comprised of a married couple or a man or a woman living alone or with unmarried children (biological, adopted, or fostered) with or without unrelated individuals. The remaining households are non-nuclear households.<sup>2</sup> Protected dug well, protected spring, rainwater, community RO plant, tanker truck, cart with small tank, bottled water<sup>3</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>4</sup> Drinking water from an improved source, provided round-trip collection time is more than 30 minutes or is unknown.<sup>5</sup> Total may add to more than 100.0 because households may use more than one method of treatment<sup>6</sup> Appropriate water treatment methods are boiling, adding bleach/chlorine tablets, filtering, electronic purifying, and solar disinfection<sup>7</sup> Includes ventilated improved pit (VIP) latrine/biogas latrine, and twin pit/composting toilet<sup>8</sup> Facilities that would be considered improved if they were not shared by two or more households<sup>9</sup> Defined as use of improved facilities that are not shared with other households.<sup>10</sup> Defined as use of improved facilities shared by two or more households.<sup>11</sup> Houses made from mud, thatch, or other low-quality materials are called kachha houses, houses that use partly low-quality and partly high-quality materials are called semi-pucca houses, and houses made with high quality materials throughout, including the floor, roof, and exterior walls, are called pucca houses.<sup>12</sup> Electricity, LPG/natural gas, biogas<sup>13</sup> Includes coal/lignite, charcoal, wood, straw/shrubs/grass, agricultural crop waste, and dung cakes<sup>14</sup> Frequency of smoking by anyone inside the house



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**Table 5 Access to a toilet facility**

Percentage of households having access to a toilet facility by selected background characteristics, according to residence, Assam, 2019-20

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| Background characteristic            | Urban | Rural | Total |
|--------------------------------------|-------|-------|-------|
| <b>Religion of household head</b>    |       |       |       |
| Hindu                                | 99.3  | 94.8  | 95.8  |
| Muslim                               | 98.4  | 96.2  | 96.4  |
| Christian                            | 96.8  | 94.2  | 94.3  |
| Other                                | *     | 96.5  | 96.9  |
| <b>Caste/tribe of household head</b> |       |       |       |
| Scheduled caste                      | 97.9  | 95.1  | 95.8  |
| Scheduled tribe                      | 99.8  | 93.0  | 93.6  |
| Other backward class                 | 99.4  | 94.9  | 95.5  |
| Other                                | 99.3  | 96.3  | 96.9  |
| Don't know                           | *     | 91.9  | 93.7  |
| Total                                | 99.1  | 95.3  | 95.9  |

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Note: Includes households that have any type of toilet facility that household members usually use and households that do not use a toilet facility but report that they have access to a toilet facility. An asterisk indicates that a figure is based on fewer than 25 unweighted cases and has been suppressed.

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**Table 6 Access to a toilet facility by district**

Percentage of households having access to a toilet facility by district, according to residence, Assam, 2019-20

| District                | Residence |       |       |
|-------------------------|-----------|-------|-------|
|                         | Urban     | Rural | Total |
| Baksa                   | *         | 93.6  | 93.7  |
| Barpeta                 | 98.9      | 97.1  | 97.3  |
| Biswanath               | (100.0)   | 96.3  | 96.6  |
| Bongaigaon              | 100.0     | 98.5  | 98.7  |
| Cachar                  | 98.9      | 94.3  | 95.1  |
| Charaideo               | 98.5      | 95.3  | 95.5  |
| Chirang                 | 100.0     | 95.0  | 95.4  |
| Darrang                 | 97.0      | 98.1  | 98.0  |
| Dhemaji                 | 100.0     | 94.9  | 95.3  |
| Dhubri                  | 95.8      | 86.5  | 87.9  |
| Dibrugarh               | 100.0     | 97.3  | 97.9  |
| Dima Hasao              | 100.0     | 97.0  | 97.9  |
| Goalpara                | 99.3      | 97.0  | 97.3  |
| Golaghat                | 100.0     | 94.7  | 95.1  |
| Hailakandi              | 100.0     | 99.5  | 99.6  |
| Hojai                   | 92.6      | 96.1  | 95.0  |
| Jorhat                  | 100.0     | 96.0  | 97.1  |
| Kamrup                  | 97.6      | 95.0  | 95.4  |
| Kamrup Metropolitan     | 100.0     | 96.7  | 99.5  |
| Karbi Anglong           | 100.0     | 96.6  | 97.2  |
| Karimganj               | 100.0     | 98.0  | 98.2  |
| Kokrajhar               | (97.7)    | 88.4  | 89.0  |
| Lakhimpur               | 100.0     | 96.6  | 97.0  |
| Majuli                  | *         | 84.7  | 84.7  |
| Morigaon                | 96.3      | 94.8  | 94.9  |
| Nagaon                  | 100.0     | 97.3  | 97.6  |
| Nalbari                 | 97.2      | 97.2  | 97.2  |
| Sivasagar               | 100.0     | 98.0  | 98.2  |
| Sonitpur                | 100.0     | 91.8  | 93.1  |
| South Salmara Mancachar | (95.5)    | 94.9  | 94.9  |
| Tinsukia                | 97.6      | 96.9  | 97.1  |
| Udalguri                | (100.0)   | 93.9  | 94.1  |
| West Karbi Anglong      | 95.5      | 92.7  | 92.9  |
| Assam                   | 99.1      | 95.3  | 95.9  |

Note: Includes households that have any type of toilet facility that household members usually use and households that do not use a toilet facility but report that they have access to a toilet facility. 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 7 Household possessions and land ownership**

Percentage of urban, rural, and total households and *de jure* population possessing various household goods, means of transport, agricultural land, a house, and farm animals and having a bank/post office account, a health insurance/financing scheme, a BPL card, and a long-lasting insecticide-treated (LLIN) mosquito net, Assam, 2019-20

| Household possessions  | Urban | Rural  | Total  | <i>De jure</i> population |
|--|-------|--------|--------|---------------------------|
| <b>Household goods</b>   |       |        |        |                           |
| Mattress   | 96.9  | 86.8   | 88.5   | 88.3                      |
| Pressure cooker  | 89.0  | 55.2   | 60.7   | 60.5                      |
| Chair  | 96.6  | 95.6   | 95.7   | 96.2                      |
| Cot or bed   | 97.8  | 92.0   | 93.0   | 92.8                      |
| Table  | 96.1  | 92.7   | 93.2   | 93.9                      |
| Electric fan   | 96.8  | 82.4   | 84.7   | 85.1                      |
| Radio or transistor  | 4.9   | 3.3    | 3.6    | 3.7                       |
| Television (black and white)   | 1.7   | 1.5    | 1.5    | 1.5                       |
| Television (colour)  | 78.8  | 43.6   | 49.3   | 49.9                      |
| Any television   | 79.4  | 44.3   | 50.0   | 50.5                      |
| Sewing machine   | 23.9  | 9.2    | 11.6   | 12.1                      |
| Mobile telephone   | 96.6  | 91.0   | 91.9   | 93.5                      |
| Landline telephone   | 2.0   | 0.7    | 0.9    | 0.9                       |
| Internet   | 68.7  | 37.7   | 42.8   | 44.3                      |
| Computer   | 22.6  | 4.3    | 7.3    | 7.1                       |
| Refrigerator   | 41.7  | 9.6    | 14.9   | 14.8                      |
| Air conditioner/cooler   | 7.8   | 0.5    | 1.7    | 1.4                       |
| Washing machine  | 16.6  | 2.0    | 4.4    | 4.0                       |
| Watch or clock   | 84.3  | 70.2   | 72.5   | 73.5                      |
| Water pump   | 27.0  | 13.7   | 15.9   | 16.5                      |
| Thresher   | 0.2   | 0.6    | 0.5    | 0.6                       |
| Tractor  | 0.4   | 1.7    | 1.5    | 1.8                       |
| None of the above  | 0.0   | 0.4    | 0.3    | 0.3                       |
| <b>Means of transport</b>  |       |        |        |                           |
| Bicycle  | 48.4  | 74.6   | 70.3   | 73.6                      |
| Motorcycle or scooter  | 43.6  | 26.2   | 29.0   | 30.6                      |
| Animal-drawn cart  | 0.9   | 0.6    | 0.7    | 0.7                       |
| Car  | 19.3  | 5.9    | 8.1    | 8.4                       |
| None of the above  | 26.4  | 19.4   | 20.6   | 18.0                      |
| <b>Agricultural land</b>   |       |        |        |                           |
| No agricultural land   | 91.1  | 58.9   | 64.2   | 61.8                      |
| Irrigated land only  | 1.2   | 6.4    | 5.6    | 6.2                       |
| Non-irrigated land only  | 7.0   | 32.9   | 28.7   | 30.2                      |
| Both irrigated and non-irrigated land                                  | 0.2   | 1.2    | 1.0    | 1.1                       |
| Irrigation not determined  | 0.6   | 0.6    | 0.6    | 0.6                       |
| Total  | 100.0 | 100.0  | 100.0  | 100.0                     |
| Percentage owning a house  | 68.2  | 78.0   | 76.4   | 77.2                      |
| Percentage owning farm animals <sup>1</sup>                            | 16.9  | 74.5   | 65.1   | 69.4                      |
| Percentage having a bank account/post office account <sup>2</sup>      | 95.7  | 95.7   | 95.7   | 96.3                      |
| Percentage covered by a health insurance/financing scheme <sup>3</sup> | 50.1  | 61.9   | 60.0   | 61.4                      |
| Percentage having a BPL card   | 29.3  | 53.7   | 49.7   | 51.4                      |
| Percentage with an LLIN mosquito net                                   | 56.3  | 67.4   | 65.6   | 66.4                      |
| Number   | 4,913 | 25,206 | 30,119 | 130,500                   |

BPL = Below poverty line

<sup>1</sup> Cows, bulls, buffaloes, camels, horses, donkeys, mules, goats, sheep, chickens, or ducks

<sup>2</sup> Percentage of households in which any usual member of the household has a bank account/post office account

<sup>3</sup> Percentage of households in which any usual member of the household is covered by a health insurance/financing scheme

**Table 8 Pre-school attendance**

Percent of *de facto* household population age 2-4 years attending pre-school by selected background characteristics, according to residence and sex, Assam, 2019-20

| Background characteristic              | Urban  |        |        | Rural  |        |       | Total  |        |       |
|--|--------|--------|--------|--------|--------|-------|--------|--------|-------|
|  | Male   | Female | Total  | Male   | Female | Total | Male   | Female | Total |
| <b>Religion of household head</b>      |        |        |        |        |        |       |        |        |       |
| Hindu                                  | 40.3   | 48.6   | 44.4   | 37.7   | 40.7   | 39.2  | 38.1   | 41.9   | 40.0  |
| Muslim                                 | 25.7   | 37.0   | 30.6   | 31.8   | 30.8   | 31.3  | 31.4   | 31.1   | 31.3  |
| Christian                              | *      | *      | (43.6) | 27.9   | 33.6   | 30.7  | 29.7   | 33.6   | 31.6  |
| <b>Caste/tribe of household head</b>   |        |        |        |        |        |       |        |        |       |
| Scheduled caste                        | 35.2   | 51.1   | 43.7   | 33.1   | 38.6   | 35.8  | 33.5   | 41.1   | 37.3  |
| Scheduled tribe                        | (28.5) | (64.9) | 42.7   | 40.3   | 37.5   | 38.9  | 39.3   | 38.9   | 39.1  |
| Other backward class                   | 44.1   | 41.4   | 42.7   | 39.4   | 43.2   | 41.3  | 39.9   | 43.0   | 41.5  |
| Other                                  | 35.4   | 42.7   | 38.7   | 31.9   | 31.8   | 31.9  | 32.2   | 32.8   | 32.5  |
| <b>Household structure<sup>1</sup></b> |        |        |        |        |        |       |        |        |       |
| Nuclear                                | 36.3   | 49.2   | 42.4   | 34.2   | 34.5   | 34.3  | 34.4   | 35.8   | 35.1  |
| Non-nuclear                            | 36.6   | 42.5   | 39.5   | 35.0   | 37.0   | 36.0  | 35.2   | 37.6   | 36.4  |
| <b>Family size</b>                     |        |        |        |        |        |       |        |        |       |
| 1-2 members                            | *      | *      | *      | (41.6) | (55.9) | 49.5  | (49.6) | (56.4) | 53.1  |
| 3-5 members                            | 36.1   | 48.0   | 41.8   | 33.5   | 37.6   | 35.5  | 33.8   | 38.8   | 36.2  |
| 6 or more members                      | 35.3   | 41.2   | 38.1   | 36.2   | 32.4   | 34.2  | 36.1   | 33.1   | 34.6  |
| Total                                  | 36.5   | 45.7   | 40.9   | 34.6   | 35.7   | 35.1  | 34.8   | 36.7   | 35.7  |

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> Nuclear households are households comprised of a married couple or a man or a woman living alone or with unmarried children (biological, adopted, or fostered) with or without unrelated individuals. The remaining households are non-nuclear households.

**Table 9 Preschool attendance by district**

Percentage of *de facto* household population (age 2-4 years) attending pre-school by district, according to residence and sex, Assam, 2019-20

| District                | Urban  |        |        | Rural |        |        | Total |        |       |
|-------------------------|--------|--------|--------|-------|--------|--------|-------|--------|-------|
|                         | Male   | Female | Total  | Male  | Female | Total  | Male  | Female | Total |
| Baksa                   | *      | *      | *      | 39.1  | 42.4   | 40.8   | 39.1  | 42.5   | 40.9  |
| Barpeta                 | *      | *      | *      | 35.9  | 42.9   | 39.3   | 34.2  | 41.8   | 37.9  |
| Biswanath               | *      | *      | *      | 27.0  | 39.5   | 34.3   | 28.1  | 40.3   | 35.0  |
| Bongaigaon              | *      | *      | *      | 46.4  | 48.9   | 47.5   | 47.7  | 46.6   | 47.2  |
| Cachar                  | *      | *      | (50.9) | 25.6  | 21.2   | 23.4   | 26.8  | 25.2   | 26.0  |
| Charaideo               | *      | *      | *      | 31.3  | 38.0   | 34.6   | 32.4  | 38.8   | 35.5  |
| Chirang                 | *      | *      | *      | 36.2  | 33.4   | 34.9   | 35.7  | 31.8   | 33.8  |
| Darrang                 | *      | *      | *      | 38.8  | 27.8   | 34.1   | 38.1  | 26.7   | 33.3  |
| Dhemaji                 | *      | *      | *      | 34.9  | 24.7   | 29.5   | 35.8  | 25.7   | 30.5  |
| Dhubri                  | *      | *      | *      | 33.8  | 34.0   | 33.9   | 31.8  | 33.5   | 32.7  |
| Dibrugarh               | *      | *      | (72.2) | 50.1  | 41.7   | 45.5   | 57.0  | 45.2   | 50.8  |
| Dima Hasao              | *      | *      | (25.0) | 13.3  | 19.9   | 16.2   | 18.1  | 19.6   | 18.8  |
| Goalpara                | *      | *      | (33.3) | 31.9  | 41.3   | 36.8   | 31.1  | 40.5   | 36.2  |
| Golaghat                | *      | *      | *      | 39.4  | 52.4   | 46.7   | 39.0  | 52.5   | 46.6  |
| Hailakandi              | *      | *      | *      | 29.2  | 26.5   | 27.9   | 28.2  | 26.7   | 27.5  |
| Hojai                   | *      | (33.4) | (30.8) | 33.0  | 36.1   | 34.5   | 31.7  | 35.2   | 33.5  |
| Jorhat                  | *      | *      | (31.9) | 45.3  | 51.2   | 47.9   | 42.2  | 47.1   | 44.5  |
| Kamrup                  | *      | *      | *      | 32.8  | 33.4   | 33.0   | 31.1  | 34.8   | 32.6  |
| Kamrup Metropolitan     | (42.0) | (59.4) | 50.4   | *     | *      | (39.5) | 40.3  | 56.1   | 48.0  |
| Karbi Anglong           | *      | *      | (29.1) | 15.5  | 28.9   | 22.6   | 18.0  | 29.0   | 23.5  |
| Karimganj               | *      | *      | *      | 24.1  | 19.4   | 22.2   | 25.3  | 18.6   | 22.5  |
| Kokrajhar               | *      | *      | *      | 30.0  | 30.7   | 30.3   | 29.3  | 31.0   | 30.1  |
| Lakhimpur               | *      | *      | *      | 37.3  | 45.3   | 41.6   | 35.5  | 45.8   | 41.2  |
| Majuli                  | *      | *      | *      | 60.2  | 50.5   | 55.9   | 60.2  | 50.5   | 55.9  |
| Morigaon                | *      | *      | *      | 46.4  | 51.8   | 49.1   | 44.9  | 51.1   | 48.0  |
| Nagaon                  | *      | *      | *      | 29.8  | 32.3   | 31.1   | 29.5  | 33.5   | 31.6  |
| Nalbari                 | *      | *      | *      | 36.7  | 56.1   | 45.7   | 37.4  | 58.1   | 47.0  |
| Sivasagar               | *      | *      | *      | 39.3  | 51.4   | 45.2   | 40.1  | 53.4   | 47.0  |
| Sonitpur                | *      | *      | *      | 48.6  | 34.3   | 40.7   | 50.8  | 36.4   | 42.9  |
| South Salmara Mancachar | *      | *      | *      | 31.6  | 28.1   | 30.0   | 31.7  | 28.4   | 30.2  |
| Tinsukia                | *      | *      | (17.3) | 38.3  | 35.2   | 36.9   | 35.2  | 31.1   | 33.3  |
| Udalguri                | *      | *      | *      | 47.9  | 32.7   | 39.3   | 47.9  | 32.4   | 39.1  |
| West Karbi Anglong      | *      | *      | *      | 25.2  | 31.4   | 28.6   | 24.2  | 31.8   | 28.1  |
| Assam                   | 36.5   | 45.7   | 40.9   | 34.6  | 35.7   | 35.1   | 34.8  | 36.7   | 35.7  |

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.

**Table 10 School attendance**

Percentage of *de facto* household population age 6-17 years attending school in the 2019-20 school year by sex and residence, according to background characteristics, Assam, 2019-20

| Background characteristic            | Male  |        |        | Female |        |        | Total |       |       |
|--------------------------------------|-------|--------|--------|--------|--------|--------|-------|-------|-------|
|                                      | Urban | Rural  | Total  | Urban  | Rural  | Total  | Urban | Rural | Total |
| <b>Age</b>                           |       |        |        |        |        |        |       |       |       |
| 6-10 (Primary)                       | 98.7  | 96.2   | 96.4   | 98.1   | 96.7   | 96.9   | 98.4  | 96.5  | 96.7  |
| 6-13 (Elementary)                    | 97.2  | 94.9   | 95.1   | 97.4   | 96.0   | 96.1   | 97.3  | 95.4  | 95.6  |
| 11-13 (Upper Primary)                | 94.9  | 92.7   | 92.9   | 96.4   | 94.7   | 94.9   | 95.6  | 93.7  | 93.9  |
| 14-15 (Secondary)                    | 82.4  | 80.2   | 80.4   | 95.9   | 84.5   | 85.9   | 89.5  | 82.4  | 83.2  |
| 16-17 (Higher Secondary)             | 68.1  | 58.0   | 59.5   | 78.9   | 60.6   | 62.9   | 72.8  | 59.3  | 61.1  |
| 11-14 years                          | 92.9  | 91.2   | 91.4   | 96.6   | 93.3   | 93.7   | 94.7  | 92.3  | 92.5  |
| 15-17 years                          | 71.3  | 63.7   | 64.7   | 84.9   | 68.9   | 70.9   | 77.7  | 66.3  | 67.7  |
| 6-14 years                           | 96.1  | 94.0   | 94.3   | 97.4   | 95.2   | 95.5   | 96.7  | 94.6  | 94.9  |
| 6-17 years                           | 89.6  | 87.3   | 87.5   | 94.3   | 89.4   | 89.9   | 91.9  | 88.3  | 88.7  |
| <b>Religion of household head</b>    |       |        |        |        |        |        |       |       |       |
| Hindu                                | 93.8  | 89.7   | 90.3   | 96.9   | 90.0   | 91.1   | 95.3  | 89.9  | 90.7  |
| Muslim                               | 76.8  | 84.6   | 84.1   | 86.2   | 88.6   | 88.5   | 81.3  | 86.6  | 86.3  |
| Christian                            | 93.8  | 87.3   | 87.7   | 97.7   | 89.0   | 89.4   | 95.5  | 88.1  | 88.5  |
| Other                                | *     | (91.5) | (92.3) | *      | (92.3) | (92.9) | *     | 91.9  | 92.5  |
| <b>Caste/tribe of household head</b> |       |        |        |        |        |        |       |       |       |
| Scheduled caste                      | 87.7  | 87.0   | 87.1   | 96.7   | 88.5   | 90.1   | 92.3  | 87.7  | 88.6  |
| Scheduled tribe                      | 98.4  | 91.9   | 92.3   | 95.6   | 92.5   | 92.7   | 97.0  | 92.2  | 92.5  |
| Other backward class                 | 93.2  | 88.9   | 89.4   | 97.2   | 88.9   | 89.7   | 95.2  | 88.9  | 89.5  |
| Other                                | 93.2  | 88.3   | 89.2   | 95.4   | 89.5   | 90.7   | 94.3  | 88.9  | 89.9  |

Note: In this table, children's age refers to their age at the start of the 2019-20 school year (assumed here to be April 2019). 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 Children's living arrangements and orphanhood**

Percent distribution of *de jure* children under age 18 by their living arrangements, and percentage of children with one or both biological parents dead, according to background characteristics, Assam, 2019-20

| Background characteristic | Living with both parents | Living with mother but not with father | Living with father but not with mother | Not living with either parent | Total | Percentage with one or both parents dead <sup>1</sup> | Number of children |
|---------------------------|--------------------------|--|--|-------------------------------|-------|---|--------------------|
| <b>Age</b>                |                          |  |  |                               |       |   |                    |
| < 5 years                 | 92.2                     | 6.8                                    | 0.5                                    | 0.5                           | 100.0 | 1.5   | 10,671             |
| 5-9 years                 | 89.8                     | 6.7                                    | 1.6                                    | 1.8                           | 100.0 | 4.4   | 12,685             |
| 10-14 years               | 87.0                     | 8.2                                    | 2.2                                    | 2.6                           | 100.0 | 7.5   | 13,338             |
| 15-17 years               | 82.4                     | 10.0                                   | 2.7                                    | 4.9                           | 100.0 | 11.0  | 7,001              |
| <b>Residence</b>          |                          |  |  |                               |       |   |                    |
| Urban                     | 88.5                     | 7.4                                    | 1.5                                    | 2.6                           | 100.0 | 5.5   | 4,874              |
| Rural                     | 88.3                     | 7.8                                    | 1.7                                    | 2.2                           | 100.0 | 5.7   | 38,821             |
| <b>Sex</b>                |                          |  |  |                               |       |   |                    |
| Male                      | 88.5                     | 7.9                                    | 1.8                                    | 1.8                           | 100.0 | 5.8   | 22,084             |
| Female                    | 88.1                     | 7.6                                    | 1.6                                    | 2.7                           | 100.0 | 5.6   | 21,608             |
| Total age < 15 years      | 89.5                     | 7.3                                    | 1.5                                    | 1.7                           | 100.0 | 4.7   | 36,694             |
| Total age < 18 years      | 88.3                     | 7.7                                    | 1.7                                    | 2.2                           | 100.0 | 5.7   | 43,695             |

Note: Total includes transgender children, who are not shown separately

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



**Table 12 Birth registration of children under age five**

Percentage of de jure children under age 5 years whose birth was registered with the civil authorities, according to background characteristics, Assam, 2019-20

| Background characteristic | Percentage of children whose birth was registered |   |                  | <i>De jure</i> children |
|---------------------------|---|---|------------------|-------------------------|
|                           | Registered, has a birth certificate               | Registered, does not have a birth certificate | Total registered |                         |
| <b>Age</b>                |   |   |                  |                         |
| < 2                       | 79.3  | 15.4  | 94.7             | 4,035                   |
| 2-4                       | 92.8  | 4.4   | 97.3             | 6,635                   |
| <b>Sex</b>                |   |   |                  |                         |
| Male                      | 88.0  | 8.2   | 96.3             | 5,422                   |
| Female                    | 87.4  | 8.9   | 96.3             | 5,249                   |
| <b>Residence</b>          |   |   |                  |                         |
| Urban                     | 88.7  | 8.3   | 97.0             | 1,180                   |
| Rural                     | 87.6  | 8.6   | 96.2             | 9,490                   |
| <b>Total</b>              | <b>87.7</b>                                       | <b>8.6</b>                                    | <b>96.3</b>      | <b>10,671</b>           |

**Table 13 Birth registration of children under age 5 by district**

Percentage of *de jure* children under age 5 years whose birth was registered with the civil authorities, by district, Assam, 2019-20

| District                | Percentage of children whose birth was registered |   |                  | <i>De jure</i> children |
|-------------------------|---|---|------------------|-------------------------|
|                         | Registered, has a birth certificate               | Registered, does not have a birth certificate | Total registered |                         |
| Baksa                   | 94.1  | 3.8   | 97.9             | 336                     |
| Barpeta                 | 90.7  | 5.3   | 96.0             | 587                     |
| Biswanath               | 85.9  | 12.9  | 98.7             | 145                     |
| Bongaigaon              | 91.7  | 3.5   | 95.2             | 228                     |
| Cachar                  | 85.8  | 10.3  | 96.0             | 758                     |
| Charaideo               | 76.8  | 17.6  | 94.4             | 130                     |
| Chirang                 | 96.6  | 2.7   | 99.3             | 150                     |
| Darrang                 | 90.4  | 6.5   | 96.9             | 320                     |
| Dhemaji                 | 90.8  | 7.5   | 98.3             | 208                     |
| Dhubri                  | 89.9  | 6.6   | 96.4             | 574                     |
| Dibrugarh               | 82.1  | 11.8  | 93.9             | 412                     |
| Dima Hasao              | 89.4  | 5.5   | 95.0             | 54                      |
| Goalpara                | 93.1  | 5.7   | 98.8             | 317                     |
| Golaghat                | 77.7  | 13.2  | 90.9             | 268                     |
| Hailakandi              | 83.6  | 13.0  | 96.6             | 351                     |
| Hojai                   | 95.9  | 2.7   | 98.7             | 88                      |
| Jorhat                  | 79.2  | 13.6  | 92.8             | 266                     |
| Kamrup                  | 83.1  | 8.2   | 91.4             | 466                     |
| Kamrup Metropolitan     | 85.7  | 9.5   | 95.2             | 312                     |
| Karbi Anglong           | 76.1  | 16.9  | 93.0             | 226                     |
| Karimganj               | 86.9  | 11.3  | 98.2             | 585                     |
| Kokrajhar               | 91.9  | 5.1   | 97.1             | 303                     |
| Lakhimpur               | 93.6  | 5.1   | 98.7             | 300                     |
| Majuli                  | 87.6  | 10.5  | 98.1             | 47                      |
| Morigaon                | 89.7  | 7.1   | 96.8             | 366                     |
| Nagaon                  | 92.2  | 6.9   | 99.2             | 1,099                   |
| Nalbari                 | 88.7  | 8.4   | 97.1             | 226                     |
| Sivasagar               | 86.6  | 10.5  | 97.1             | 194                     |
| Sonitpur                | 85.7  | 10.3  | 96.0             | 387                     |
| South Salmara Mancachar | 93.6  | 4.0   | 97.6             | 266                     |
| Tinsukia                | 82.1  | 10.1  | 92.1             | 381                     |
| Udalguri                | 86.7  | 9.3   | 96.1             | 226                     |
| West Karbi Anglong      | 79.4  | 16.0  | 95.4             | 94                      |
| Assam                   | 87.7  | 8.6   | 96.3             | 10,671                  |

**Table 14 Death registration**

Among deaths of usual residents during the 3 years preceding the survey, percentage of deaths registered with civil authority by selected background characteristics, according to residence and sex, Assam, 2019-20

| Background characteristic            | Urban  |        |        | Rural  |        |        | Total  |        |        |
|--------------------------------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
|                                      | Male   | Female | Total  | Male   | Female | Total  | Male   | Female | Total  |
| <b>Age</b>                           |        |        |        |        |        |        |        |        |        |
| 0-4                                  | *      | *      | (70.2) | 57.1   | 54.1   | 56.1   | 58.2   | 55.9   | 57.4   |
| 10-14                                | *      | *      | *      | *      | *      | (48.1) | *      | *      | (46.6) |
| 15-24                                | *      | *      | *      | (50.8) | 53.6   | 52.3   | 60.0   | 52.5   | 56.2   |
| 15-19                                | *      | *      | *      | (46.7) | (63.0) | 55.5   | (51.4) | (62.5) | 57.5   |
| 20-24                                | *      | *      | *      | *      | (42.2) | (48.5) | (68.0) | (39.7) | 54.7   |
| 25-34                                | *      | *      | *      | 63.0   | (80.6) | 69.0   | 64.5   | (83.6) | 71.1   |
| 35 and over                          | 84.0   | 79.2   | 81.8   | 72.5   | 54.1   | 64.9   | 74.3   | 58.8   | 67.7   |
| <b>Religion of household head</b>    |        |        |        |        |        |        |        |        |        |
| Hindu                                | 80.9   | 78.5   | 79.8   | 66.7   | 55.4   | 62.1   | 69.3   | 60.2   | 65.5   |
| Muslim                               | *      | *      | (85.0) | 70.5   | 56.0   | 64.8   | 71.6   | 57.4   | 66.0   |
| Christian                            | *      | *      | *      | 68.2   | (38.6) | 56.6   | 69.1   | (38.6) | 57.6   |
| <b>Caste/tribe of household head</b> |        |        |        |        |        |        |        |        |        |
| Scheduled caste                      | 87.7   | (78.0) | 84.2   | 66.8   | 67.5   | 67.1   | 73.2   | 70.2   | 71.9   |
| Scheduled tribe                      | *      | *      | *      | 56.6   | 49.4   | 53.5   | 58.1   | 50.2   | 54.7   |
| Other backward class                 | (69.0) | (74.4) | 71.7   | 68.8   | 52.5   | 62.4   | 68.8   | 55.2   | 63.4   |
| Other                                | 83.5   | 81.2   | 82.4   | 71.2   | 55.3   | 65.0   | 73.0   | 60.3   | 67.9   |
| Total                                | 81.8   | 78.8   | 80.5   | 68.0   | 55.1   | 62.8   | 70.0   | 59.0   | 65.5   |

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 15 Death registration by district**

Among deaths of usual residents during the 3 years preceding the survey, percentage of deaths registered with civil authority by district, according to residence and sex, Assam, 2019-20

| District                | Urban |        |        | Rural  |        |        | Total  |        |        |
|-------------------------|-------|--------|--------|--------|--------|--------|--------|--------|--------|
|                         | Male  | Female | Total  | Male   | Female | Total  | Male   | Female | Total  |
| Baksa                   | *     | *      | *      | (55.5) | (42.9) | 50.5   | (55.5) | (42.1) | 50.1   |
| Barpeta                 | *     | *      | *      | (76.6) | (63.2) | 70.3   | (82.1) | (64.5) | 74.3   |
| Biswanath               | *     | *      | *      | 58.7   | (62.8) | 60.6   | 63.0   | (62.0) | 62.5   |
| Bongaigaon              | *     | *      | *      | *      | (62.2) | (67.6) | (77.2) | (59.0) | 69.1   |
| Cachar                  | *     | *      | *      | 72.3   | (72.5) | 72.4   | 72.0   | (72.9) | 72.4   |
| Charaideo               | *     | *      | *      | 54.9   | (39.6) | 49.6   | 56.4   | (39.9) | 50.6   |
| Chirang                 | *     | *      | *      | (71.4) | *      | 71.6   | (71.0) | (75.1) | 72.7   |
| Darrang                 | *     | *      | *      | (67.5) | (66.8) | 67.1   | (69.4) | (69.0) | 69.2   |
| Dhemaji                 | *     | *      | *      | (54.7) | (31.9) | 44.1   | (55.1) | (38.2) | 47.2   |
| Dhubri                  | *     | *      | *      | (77.5) | (60.7) | 69.1   | (75.1) | (71.3) | 73.1   |
| Dibrugarh               | *     | *      | *      | 74.5   | (59.7) | 68.9   | 75.3   | (67.8) | 72.3   |
| Dima Hasao              | *     | *      | *      | *      | *      | (58.4) | (59.0) | *      | (60.3) |
| Goalpara                | *     | *      | *      | (70.1) | (69.6) | 69.9   | (70.7) | (76.1) | 73.3   |
| Golaghat                | *     | *      | *      | (56.8) | (48.8) | 53.3   | 59.1   | (50.1) | 55.2   |
| Hailakandi              | *     | *      | *      | 63.6   | (54.0) | 59.4   | 62.9   | (56.8) | 60.3   |
| Hojai                   | *     | *      | *      | (84.7) | *      | (74.0) | (90.4) | (64.2) | 79.7   |
| Jorhat                  | *     | *      | *      | (49.3) | (47.4) | 48.4   | 57.2   | 57.1   | 57.2   |
| Kamrup                  | *     | *      | *      | 56.2   | (32.2) | 47.4   | 60.8   | (38.7) | 52.4   |
| Kamrup Metropolitan     | *     | *      | (79.4) | *      | *      | *      | (78.0) | *      | (77.4) |
| Karbi Anglong           | *     | *      | *      | (61.5) | (61.8) | 61.6   | (61.9) | (59.2) | 60.7   |
| Karimganj               | *     | *      | *      | 82.9   | (51.2) | 71.0   | 83.1   | (56.6) | 72.6   |
| Kokrajhar               | *     | *      | *      | (68.9) | *      | 67.4   | (72.5) | *      | 69.5   |
| Lakhimpur               | *     | *      | *      | (67.5) | (54.6) | 61.2   | (74.6) | (57.8) | 67.1   |
| Majuli                  | *     | *      | *      | 61.9   | (55.2) | 59.3   | 61.9   | (55.2) | 59.3   |
| Morigaon                | *     | *      | *      | 76.1   | (63.4) | 71.4   | 79.5   | (65.4) | 74.3   |
| Nagaon                  | *     | *      | *      | 67.9   | *      | 65.6   | 70.2   | *      | 66.0   |
| Nalbari                 | *     | *      | *      | (69.1) | *      | 54.0   | (68.4) | (35.7) | 55.0   |
| Sivasagar               | *     | *      | *      | 65.1   | (38.4) | 55.0   | 68.2   | (39.9) | 57.9   |
| Sonitpur                | *     | *      | *      | (77.7) | (70.2) | 75.0   | (80.3) | (73.7) | 77.9   |
| South Salmara Mancachar | *     | *      | *      | (72.6) | *      | (74.5) | (70.1) | *      | 71.1   |
| Tinsukia                | *     | *      | *      | 73.3   | (45.3) | 65.3   | 70.3   | (52.9) | 64.3   |
| Udalguri                | *     | *      | *      | (61.7) | (40.2) | 50.0   | (63.0) | (40.2) | 51.2   |
| West Karbi Anglong      | *     | *      | *      | (43.2) | *      | 41.5   | (46.4) | *      | 43.5   |
| Assam                   | 81.8  | 78.8   | 80.5   | 68.0   | 55.1   | 62.8   | 70.0   | 59.0   | 65.5   |

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 16 Disability**

Percentage of *de jure* household population having disability by type of disability, according to residence, age, and sex, Assam, 2019-20

| Background characteristic | Type of disability |                    |                   |                   |                   |           |       | Number of persons |
|---------------------------|--------------------|--------------------|-------------------|-------------------|-------------------|-----------|-------|-------------------|
|                           | Any                | Hearing disability | Speech disability | Visual disability | Mental disability | Locomotor | Other |                   |
| <b>FEMALE</b>             |                    |                    |                   |                   |                   |           |       |                   |
| <b>Residence</b>          |                    |                    |                   |                   |                   |           |       |                   |
| Urban                     | 0.6                | 0.1                | 0.2               | 0.1               | 0.1               | 0.1       | 0.2   | 9,259             |
| Rural                     | 0.7                | 0.2                | 0.2               | 0.1               | 0.1               | 0.1       | 0.1   | 56,032            |
| <b>Age</b>                |                    |                    |                   |                   |                   |           |       |                   |
| 0-4                       | 0.4                | 0.0                | 0.2               | 0.1               | 0.0               | 0.1       | 0.1   | 5,249             |
| 5-14                      | 0.6                | 0.2                | 0.2               | 0.1               | 0.1               | 0.1       | 0.0   | 12,892            |
| 15-24                     | 0.6                | 0.1                | 0.2               | 0.0               | 0.2               | 0.1       | 0.1   | 11,955            |
| 25-34                     | 0.6                | 0.1                | 0.2               | 0.1               | 0.2               | 0.2       | 0.0   | 11,317            |
| 35-49                     | 0.7                | 0.2                | 0.2               | 0.2               | 0.2               | 0.1       | 0.1   | 12,975            |
| 50-69                     | 0.9                | 0.3                | 0.1               | 0.2               | 0.1               | 0.2       | 0.2   | 9,234             |
| 70 and over               | 1.6                | 0.6                | 0.3               | 0.6               | 0.1               | 0.2       | 0.3   | 1,670             |
| Total                     | 0.7                | 0.2                | 0.2               | 0.1               | 0.1               | 0.1       | 0.1   | 65,291            |
| <b>MALE</b>               |                    |                    |                   |                   |                   |           |       |                   |
| <b>Residence</b>          |                    |                    |                   |                   |                   |           |       |                   |
| Urban                     | 0.7                | 0.1                | 0.1               | 0.1               | 0.1               | 0.2       | 0.2   | 9,506             |
| Rural                     | 0.9                | 0.2                | 0.2               | 0.2               | 0.2               | 0.3       | 0.1   | 55,703            |
| <b>Age</b>                |                    |                    |                   |                   |                   |           |       |                   |
| 0-4                       | 0.5                | 0.2                | 0.3               | 0.1               | 0.1               | 0.3       | 0.0   | 5,422             |
| 5-14                      | 0.6                | 0.1                | 0.3               | 0.1               | 0.1               | 0.2       | 0.1   | 13,133            |
| 15-24                     | 0.9                | 0.2                | 0.2               | 0.1               | 0.3               | 0.2       | 0.1   | 11,112            |
| 25-34                     | 0.9                | 0.2                | 0.3               | 0.2               | 0.2               | 0.2       | 0.1   | 10,443            |
| 35-49                     | 0.7                | 0.2                | 0.1               | 0.1               | 0.2               | 0.2       | 0.0   | 13,045            |
| 50-69                     | 1.2                | 0.2                | 0.1               | 0.3               | 0.1               | 0.5       | 0.2   | 10,019            |
| 70 and over               | 2.3                | 0.8                | 0.3               | 0.7               | 0.1               | 0.3       | 0.5   | 2,035             |
| Total                     | 0.9                | 0.2                | 0.2               | 0.2               | 0.2               | 0.2       | 0.1   | 65,209            |
| <b>TOTAL</b>              |                    |                    |                   |                   |                   |           |       |                   |
| <b>Residence</b>          |                    |                    |                   |                   |                   |           |       |                   |
| Urban                     | 0.7                | 0.1                | 0.2               | 0.1               | 0.1               | 0.1       | 0.2   | 18,764            |
| Rural                     | 0.8                | 0.2                | 0.2               | 0.1               | 0.2               | 0.2       | 0.1   | 111,735           |
| <b>Age</b>                |                    |                    |                   |                   |                   |           |       |                   |
| 0-4                       | 0.5                | 0.1                | 0.2               | 0.1               | 0.1               | 0.2       | 0.0   | 10,671            |
| 5-14                      | 0.6                | 0.2                | 0.3               | 0.1               | 0.1               | 0.2       | 0.0   | 26,025            |
| 15-24                     | 0.7                | 0.2                | 0.2               | 0.1               | 0.3               | 0.2       | 0.1   | 23,067            |
| 25-34                     | 0.7                | 0.1                | 0.2               | 0.1               | 0.2               | 0.2       | 0.1   | 21,760            |
| 35-49                     | 0.7                | 0.2                | 0.2               | 0.1               | 0.2               | 0.1       | 0.1   | 26,020            |
| 50-69                     | 1.1                | 0.3                | 0.1               | 0.2               | 0.1               | 0.3       | 0.2   | 19,254            |
| 70 and over               | 2.0                | 0.7                | 0.3               | 0.6               | 0.1               | 0.3       | 0.4   | 3,704             |
| Total                     | 0.8                | 0.2                | 0.2               | 0.1               | 0.2               | 0.2       | 0.1   | 130,500           |

Note: Table is based on the responses of the respondent to the household questionnaire.

**Table 17 Background characteristics of respondents**

Percent distribution of women and men age 15-49 by selected background characteristics, Assam, 2019-20

| Background characteristic                       | Weighted percent |      | Number of women |            | Number of men |            |
|---|------------------|------|-----------------|------------|---------------|------------|
|   | Women            | Men  | Weighted        | Unweighted | Weighted      | Unweighted |
| <b>Age</b>                                      |                  |      |                 |            |               |            |
| 15-19   | 16.2             | 16.2 | 5,680           | 5,611      | 739           | 731        |
| 20-24   | 16.5             | 14.5 | 5,764           | 5,699      | 661           | 634        |
| 25-29   | 16.9             | 15.0 | 5,912           | 6,004      | 682           | 676        |
| 30-34   | 14.2             | 14.0 | 4,982           | 5,012      | 635           | 663        |
| 35-39   | 13.8             | 13.8 | 4,839           | 4,895      | 627           | 628        |
| 40-44   | 10.7             | 12.9 | 3,730           | 3,785      | 586           | 583        |
| 45-49   | 11.6             | 13.6 | 4,070           | 3,973      | 619           | 644        |
| <b>Residence</b>                                |                  |      |                 |            |               |            |
| Urban   | 15.0             | 15.7 | 5,239           | 4,291      | 715           | 614        |
| Rural   | 85.0             | 84.3 | 29,740          | 30,688     | 3,835         | 3,945      |
| <b>Schooling</b>                                |                  |      |                 |            |               |            |
| No schooling                                    | 18.6             | 12.5 | 6,495           | 6,577      | 570           | 581        |
| <5 years complete                               | 9.3              | 10.3 | 3,254           | 3,146      | 471           | 456        |
| 5-9 years complete                              | 42.6             | 41.7 | 14,886          | 14,890     | 1,896         | 1,904      |
| 10-11 years complete                            | 12.4             | 12.5 | 4,347           | 4,485      | 567           | 574        |
| 12 or more years complete                       | 17.1             | 23.0 | 5,997           | 5,881      | 1,046         | 1,044      |
| <b>Literacy</b>                                 |                  |      |                 |            |               |            |
| Literate <sup>1</sup>                           | 75.1             | 81.6 | 26,281          | 26,252     | 3,715         | 3,732      |
| Not literate                                    | 24.6             | 17.1 | 8,594           | 8,640      | 777           | 770        |
| Not measured                                    | 0.3              | 1.3  | 105             | 87         | 59            | 57         |
| <b>Percentage exposed to various media</b>      |                  |      |                 |            |               |            |
| Reads a newspaper/magazine at least once a week | 5.4              | 10.4 | 1,877           | 1,811      | 472           | 459        |
| Watches television at least once a week         | 35.9             | 44.7 | 12,562          | 12,410     | 2,036         | 1,952      |
| Listens to the radio at least once a week       | 2.0              | 3.9  | 697             | 706        | 177           | 180        |
| Visits the cinema/theatre at least once a month | 10.2             | 21.0 | 3,585           | 3,549      | 957           | 935        |
| Not regularly exposed to any media              | 57.9             | 44.1 | 20,243          | 20,387     | 2,008         | 2,106      |
| <b>Marital status</b>                           |                  |      |                 |            |               |            |
| Never married                                   | 22.1             | 37.9 | 7,737           | 7,751      | 1,724         | 1,674      |
| Currently married                               | 73.4             | 61.1 | 25,673          | 25,715     | 2,782         | 2,842      |
| Married, <i>gauna</i> not performed             | 0.0              | 0.0  | 12              | 13         | 0             | 0          |
| Widowed   | 3.4              | 0.3  | 1,198           | 1,154      | 15            | 14         |
| Divorced/separated/deserted                     | 1.0              | 0.6  | 360             | 346        | 29            | 29         |
| <b>Religion</b>                                 |                  |      |                 |            |               |            |
| Hindu   | 62.0             | 62.4 | 21,673          | 22,782     | 2,838         | 2,967      |
| Muslim  | 34.8             | 34.6 | 12,166          | 10,621     | 1,576         | 1,398      |
| Christian                                       | 3.0              | 2.6  | 1,042           | 1,461      | 119           | 169        |
| Other   | 0.3              | 0.4  | 97              | 115        | 17            | 25         |

Continued...

**Table 17 Background characteristics of respondents—Continued**

Percent distribution of women and men age 15-49 by selected background characteristics, Assam, 2019-20

| Background characteristic                 | Weighted percent |       | Number of women |            | Number of men |            |
|---|------------------|-------|-----------------|------------|---------------|------------|
|   | Women            | Men   | Weighted        | Unweighted | Weighted      | Unweighted |
| <b>Caste/tribe</b>                        |                  |       |                 |            |               |            |
| Scheduled caste                           | 13.1             | 13.0  | 4,593           | 4,349      | 592           | 544        |
| Scheduled tribe                           | 12.7             | 14.2  | 4,452           | 6,322      | 646           | 881        |
| Other backward class                      | 25.9             | 25.6  | 9,047           | 9,396      | 1,166         | 1,228      |
| Other                                     | 48.0             | 46.9  | 16,796          | 14,841     | 2,133         | 1,895      |
| Don't know                                | 0.3              | 0.3   | 91              | 71         | 14            | 11         |
| Total age 15-49                           | 100.0            | 100.0 | 34,979          | 34,979     | 4,551         | 4,559      |
| Age 50-54                                 | na               | 8.5   | na              | na         | 422           | 414        |
| Total age 15-54                           | na               | 100.0 | na              | na         | 4,973         | 4,973      |
| <b>Employment status (past 12 months)</b> |                  |       |                 |            |               |            |
| Employed at any time                      | 21.0             | 82.9  | 1,092           | 1,092      | 3,774         | 3,770      |
| In agricultural occupation                | 2.9              | 25.9  | 153             | 149        | 1,177         | 1,248      |
| In non-agricultural occupation            | 16.9             | 52.7  | 877             | 885        | 2,400         | 2,340      |
| Don't know                                | 1.2              | 4.3   | 62              | 58         | 197           | 182        |
| Not employed                              | 79.0             | 17.1  | 4,110           | 4,222      | 777           | 789        |
| Total age 15-49                           | 100.0            | 100.0 | 5,202           | 5,314      | 4,551         | 4,559      |
| Age 50-54                                 | na               | 8.5   | na              | na         | 422           | 414        |
| Total age 15-54                           | na               | 100.0 | na              | na         | 4,973         | 4,973      |

na = Not applicable

<sup>1</sup> Refers to women/men who can read a whole sentence or part of a sentence and women/men who completed standard 9 or higher (who are assumed to be literate)



**Table 18 Fertility trends**

Age-specific and total fertility rates and crude birth rates for the 3 years preceding the survey from NFHS-5, NFHS-4, and NFHS-3, by residence, Assam

| Age         | NFHS-5 |       |       | NFHS-4 |       |       | NFHS-3  |       |       |
|-------------|--------|-------|-------|--------|-------|-------|---------|-------|-------|
|             | Urban  | Rural | Total | Urban  | Rural | Total | Urban   | Rural | Total |
| 15-19       | 0.041  | 0.064 | 0.061 | 0.036  | 0.078 | 0.072 | 0.049   | 0.094 | 0.086 |
| 20-24       | 0.092  | 0.142 | 0.135 | 0.089  | 0.161 | 0.151 | 0.096   | 0.167 | 0.154 |
| 25-29       | 0.091  | 0.101 | 0.100 | 0.095  | 0.124 | 0.119 | 0.077   | 0.138 | 0.127 |
| 30-34       | 0.055  | 0.053 | 0.053 | 0.050  | 0.068 | 0.066 | 0.050   | 0.076 | 0.071 |
| 35-39       | 0.016  | 0.022 | 0.021 | 0.015  | 0.027 | 0.025 | 0.014   | 0.046 | 0.039 |
| 40-44       | 0.003  | 0.004 | 0.004 | 0.003  | 0.008 | 0.007 | 0.000   | 0.010 | 0.007 |
| 45-49       | 0.002  | 0.000 | 0.001 | 0.000  | 0.002 | 0.002 | (0.000) | 0.000 | 0.000 |
| TFR (15-49) | 1.50   | 1.93  | 1.87  | 1.45   | 2.34  | 2.21  | 1.43    | 2.65  | 2.42  |
| CBR         | 13.1   | 17.4  | 16.8  | 13.2   | 20.5  | 19.5  | 13.6    | 23.9  | 22.1  |

Note: Rates are for the period 1-36 months preceding the survey (approximately 2003-05 for NFHS-3, 2013-2015 for NFHS-4, and 2017-2019 for NFHS-5). Age-specific fertility rates are expressed per woman. Figures in parentheses are based on 25-49 unweighted cases.

TFR = Total fertility rate, expressed per woman

CBR = Crude birth rate, expressed per 1,000 population

**Table 19 Fertility by background characteristics**

Total fertility rate for the 3 years preceding the survey, percentage of women age 15-49 currently pregnant, mean number of children ever born to women age 40-49, and total wanted fertility by background characteristics, Assam, 2019-20

| Background characteristic | Total fertility rate | Percentage of women age 15-49 currently pregnant | Mean number of children ever born to women age 40-49 | Total wanted fertility rate |
|---------------------------|----------------------|--|--|-----------------------------|
| <b>Residence</b>          |                      |  |  |                             |
| Urban                     | 1.50                 | 3.2  | 2.2  | 1.37                        |
| Rural                     | 1.93                 | 4.2  | 3.0  | 1.59                        |
| <b>Schooling</b>          |                      |  |  |                             |
| No schooling              | 2.27                 | 2.5  | 3.4  | 1.70                        |
| <5 years complete         | 2.43                 | 3.5  | 3.2  | 1.91                        |
| 5-9 years complete        | 1.96                 | 4.8  | 2.6  | 1.66                        |
| 10-11 years complete      | 1.70                 | 3.8  | 2.0  | 1.56                        |
| 12 or more years complete | 1.51                 | 4.6  | 1.7  | 1.44                        |
| <b>Religion</b>           |                      |  |  |                             |
| Hindu                     | 1.59                 | 3.7  | 2.4  | 1.42                        |
| Muslim                    | 2.38                 | 4.9  | 3.7  | 1.80                        |
| Christian                 | 1.47                 | 3.6  | 3.0  | 1.12                        |
| Other                     | 1.54                 | 6.5  | (2.6)  | 1.42                        |
| <b>Caste/tribe</b>        |                      |  |  |                             |
| Scheduled caste           | 1.73                 | 4.3  | 2.7  | 1.49                        |
| Scheduled tribe           | 1.54                 | 4.0  | 2.6  | 1.34                        |
| Other backward class      | 1.62                 | 3.6  | 2.5  | 1.46                        |
| Other                     | 2.12                 | 4.3  | 3.2  | 1.68                        |
| Don't know                | (2.07)               | 3.9  | *  | (1.82)                      |
| <b>Total</b>              | <b>1.87</b>          | <b>4.1</b>                                       | <b>2.8</b>   | <b>1.56</b>                 |

Note: Total fertility rates are for the period 1-36 months preceding the interview. Figures in parentheses are based on 125-249 unweighted women-years of exposure for the fertility rates and 25-49 unweighted cases for the mean number of children ever born. An asterisk indicates that a figure is based on fewer than 25 unweighted women-years of exposure and has been suppressed.

**Table 20 Teenage pregnancy and motherhood**

Percentage of women age 15-19 who have had a live birth or who are pregnant with their first child, and percentage who have begun childbearing, by background characteristics, Assam, 2019-20

| Background characteristic | Percentage of women<br>age 15-19 who: |                                  | Percentage<br>of women<br>age 15-19<br>who have begun<br>childbearing | Number<br>of women |
|---------------------------|---------------------------------------|----------------------------------|---|--------------------|
|                           | Have had a<br>live birth              | Are pregnant<br>with first child |   |                    |
| <b>Age</b>                |                                       |                                  |   |                    |
| 15-17                     | 4.7                                   | 2.9                              | 7.6   | 3,371              |
| 15                        | 0.0                                   | 0.1                              | 0.1   | 1,258              |
| 16                        | 0.9                                   | 1.3                              | 2.2   | 1,149              |
| 17                        | 3.9                                   | 1.5                              | 5.3   | 963                |
| 18                        | 11.6                                  | 6.7                              | 18.3  | 1,213              |
| 19                        | 23.7                                  | 9.7                              | 33.4  | 1,097              |
| <b>Residence</b>          |                                       |                                  |   |                    |
| Urban                     | 4.0                                   | 1.8                              | 5.8   | 684                |
| Rural                     | 8.4                                   | 4.1                              | 12.5  | 4,997              |
| <b>Schooling</b>          |                                       |                                  |   |                    |
| No schooling              | 14.4                                  | 7.9                              | 22.3  | 188                |
| <5 years complete         | 17.5                                  | 3.8                              | 21.3  | 183                |
| 5-9 years complete        | 9.2                                   | 4.5                              | 13.6  | 3,534              |
| 10-11 years complete      | 4.3                                   | 2.5                              | 6.7   | 1,172              |
| 12 or more years complete | 2.5                                   | 1.6                              | 4.1   | 603                |
| <b>Marital status</b>     |                                       |                                  |   |                    |
| Never married             | 0.0                                   | 0.0                              | 0.0   | 4,547              |
| Currently married         | 39.3                                  | 19.5                             | 58.8  | 1,119              |
| <b>Religion</b>           |                                       |                                  |   |                    |
| Hindu                     | 4.4                                   | 3.2                              | 7.6   | 3,035              |
| Muslim                    | 12.6                                  | 4.8                              | 17.4  | 2,452              |
| Christian                 | 2.3                                   | 2.0                              | 4.3   | 177                |
| <b>Caste/tribe</b>        |                                       |                                  |   |                    |
| Scheduled caste           | 3.7                                   | 3.2                              | 7.0   | 687                |
| Scheduled tribe           | 4.0                                   | 5.2                              | 9.2   | 630                |
| Other backward class      | 5.6                                   | 3.0                              | 8.6   | 1,274              |
| Other                     | 10.5                                  | 4.0                              | 14.6  | 3,077              |
| <b>Total</b>              | <b>7.9</b>                            | <b>3.8</b>                       | <b>11.7</b>   | <b>5,680</b>       |

Note: Total includes women who are widowed/divorced/separated/deserted, women belonging to other religions and who don't know their cast/tribe, who are not shown separately.

**Table 21 Birth order**

Percent distribution of births to all women during the 3 years preceding the survey by birth order, according to background characteristics, Assam, 2019-20, and percent distribution of births to women by birth order, NFHS-4

| Background characteristic   | Birth order |      |      |           | Total | Number of births |
|-----------------------------|-------------|------|------|-----------|-------|------------------|
|                             | 1           | 2    | 3    | 4 or more |       |                  |
| <b>Mother's current age</b> |             |      |      |           |       |                  |
| 15-19                       | 94.1        | 5.3  | 0.6  | 0.0       | 100.0 | 443              |
| 20-29                       | 48.7        | 37.3 | 10.8 | 3.2       | 100.0 | 4,302            |
| 30-39                       | 18.0        | 32.7 | 21.9 | 27.5      | 100.0 | 1,467            |
| 40-49                       | 16.8        | 16.3 | 11.0 | 55.9      | 100.0 | 98               |
| <b>Residence</b>            |             |      |      |           |       |                  |
| Urban                       | 51.9        | 34.8 | 9.6  | 3.8       | 100.0 | 720              |
| Rural                       | 43.3        | 33.5 | 13.1 | 10.2      | 100.0 | 5,590            |
| <b>Mother's schooling</b>   |             |      |      |           |       |                  |
| No schooling                | 23.8        | 28.9 | 19.7 | 27.7      | 100.0 | 961              |
| <5 years complete           | 29.8        | 30.7 | 21.6 | 17.8      | 100.0 | 641              |
| 5-9 years complete          | 43.4        | 37.1 | 13.0 | 6.5       | 100.0 | 2,962            |
| 10-11 years complete        | 56.7        | 33.8 | 7.0  | 2.6       | 100.0 | 714              |
| 12 or more years complete   | 66.2        | 29.8 | 3.6  | 0.4       | 100.0 | 1,031            |
| <b>Religion</b>             |             |      |      |           |       |                  |
| Hindu                       | 49.5        | 36.0 | 10.0 | 4.5       | 100.0 | 3,287            |
| Muslim                      | 38.3        | 31.1 | 15.8 | 14.9      | 100.0 | 2,866            |
| Christian                   | 42.6        | 29.8 | 13.8 | 13.8      | 100.0 | 142              |
| <b>Caste/tribe</b>          |             |      |      |           |       |                  |
| Scheduled caste             | 44.8        | 38.3 | 11.3 | 5.6       | 100.0 | 758              |
| Scheduled tribe             | 48.7        | 35.2 | 9.9  | 6.2       | 100.0 | 655              |
| Other backward class        | 48.2        | 36.8 | 10.0 | 5.0       | 100.0 | 1,420            |
| Other                       | 41.7        | 31.0 | 14.6 | 12.7      | 100.0 | 3,456            |
| Total                       | 44.3        | 33.6 | 12.7 | 9.4       | 100.0 | 6,310            |
| NFHS-4 (2015-16)            | 43.0        | 28.7 | 14.4 | 13.9      | 100.0 | 6,035            |

Note: Total includes information on births to women belonging to other religions and who don't know their cast/tribe, who are not shown separately.

**Table 22 Birth intervals**

Percent distribution of births during the 5 years preceding the survey by interval since the preceding birth, and median number of months since the preceding birth, according to background characteristics, Assam, 2019-20

| Background characteristic          | Months since preceding birth |        |        |       |       |            | Total | Number of non-first order births | Median number of months since preceding birth |
|------------------------------------|------------------------------|--------|--------|-------|-------|------------|-------|----------------------------------|---|
|                                    | 7-17                         | 18-23  | 24-35  | 36-47 | 48-59 | 60 or more |       |                                  |   |
| <b>Mother's current age</b>        |                              |        |        |       |       |            |       |                                  |   |
| 15-19                              | (13.6)                       | (42.8) | (36.5) | (7.1) | (0.0) | (0.0)      | 100.0 | 27                               | (22.8)  |
| 20-29                              | 4.8                          | 9.7    | 25.2   | 23.5  | 16.9  | 19.9       | 100.0 | 3,390                            | 40.8  |
| 30-39                              | 2.3                          | 5.6    | 15.1   | 17.1  | 13.9  | 46.0       | 100.0 | 2,379                            | 56.8  |
| 40-49                              | 1.5                          | 3.4    | 13.7   | 15.1  | 12.2  | 54.1       | 100.0 | 219                              | 62.0  |
| <b>Residence</b>                   |                              |        |        |       |       |            |       |                                  |   |
| Urban                              | 3.8                          | 4.8    | 16.2   | 14.4  | 14.2  | 46.6       | 100.0 | 559                              | 55.5  |
| Rural                              | 3.7                          | 8.3    | 21.3   | 21.2  | 15.6  | 29.8       | 100.0 | 5,457                            | 45.4  |
| <b>Mother's schooling</b>          |                              |        |        |       |       |            |       |                                  |   |
| No schooling                       | 4.2                          | 8.9    | 23.2   | 20.4  | 16.8  | 26.4       | 100.0 | 1,377                            | 43.5  |
| <5 years complete                  | 3.6                          | 8.6    | 24.6   | 22.4  | 14.7  | 26.1       | 100.0 | 812                              | 42.9  |
| 5-9 years complete                 | 4.1                          | 8.9    | 21.4   | 21.0  | 15.0  | 29.6       | 100.0 | 2,767                            | 45.1  |
| 10-11 years complete               | 2.3                          | 5.5    | 13.4   | 19.6  | 15.4  | 43.7       | 100.0 | 521                              | 55.0  |
| 12 or more years complete          | 2.3                          | 2.5    | 13.1   | 17.2  | 15.8  | 49.0       | 100.0 | 539                              | 59.4  |
| <b>Religion</b>                    |                              |        |        |       |       |            |       |                                  |   |
| Hindu                              | 3.0                          | 5.6    | 18.3   | 18.8  | 15.9  | 38.4       | 100.0 | 2,810                            | 51.1  |
| Muslim                             | 4.4                          | 10.1   | 23.0   | 22.3  | 15.2  | 24.9       | 100.0 | 3,056                            | 42.5  |
| Christian                          | 4.6                          | 10.8   | 24.6   | 18.5  | 12.9  | 28.7       | 100.0 | 140                              | 42.2  |
| <b>Caste/tribe</b>                 |                              |        |        |       |       |            |       |                                  |   |
| Scheduled caste                    | 3.1                          | 6.0    | 23.0   | 21.3  | 12.5  | 34.2       | 100.0 | 656                              | 46.3  |
| Scheduled tribe                    | 4.0                          | 5.1    | 16.8   | 17.6  | 17.3  | 39.3       | 100.0 | 600                              | 52.3  |
| Other backward class               | 2.2                          | 5.3    | 19.2   | 19.1  | 15.7  | 38.4       | 100.0 | 1,228                            | 50.3  |
| Other                              | 4.4                          | 9.8    | 21.7   | 21.4  | 15.7  | 27.1       | 100.0 | 3,512                            | 43.9  |
| <b>Birth order</b>                 |                              |        |        |       |       |            |       |                                  |   |
| 2-3                                | 3.4                          | 7.6    | 20.5   | 20.8  | 15.6  | 32.0       | 100.0 | 4,897                            | 46.6  |
| 4-6                                | 5.8                          | 9.6    | 20.7   | 19.6  | 14.9  | 29.4       | 100.0 | 1,040                            | 44.9  |
| 7 or more                          | 0.0                          | 7.7    | 42.3   | 20.7  | 13.7  | 15.6       | 100.0 | 79                               | 36.0  |
| <b>Sex of preceding birth</b>      |                              |        |        |       |       |            |       |                                  |   |
| Male                               | 3.4                          | 7.7    | 20.8   | 19.5  | 15.6  | 32.9       | 100.0 | 2,817                            | 47.1  |
| Female                             | 4.0                          | 8.2    | 20.9   | 21.6  | 15.3  | 30.0       | 100.0 | 3,198                            | 45.5  |
| <b>Survival of preceding birth</b> |                              |        |        |       |       |            |       |                                  |   |
| Living                             | 2.9                          | 7.5    | 20.5   | 20.9  | 15.7  | 32.4       | 100.0 | 5,713                            | 46.9  |
| Dead                               | 20.7                         | 16.6   | 26.4   | 14.8  | 10.4  | 11.1       | 100.0 | 302                              | 29.1  |
| Total                              | 3.8                          | 8.0    | 20.8   | 20.6  | 15.5  | 31.4       | 100.0 | 6,016                            | 46.2  |

Note: The interval for multiple births is the number of months since the preceding pregnancy that ended in a live birth. Total includes information on births to women belonging to other religions and who don't know their cast/tribe, who are not shown separately. Figures in parentheses are based on 25-49 unweighted cases.

**Table 23 Fertility preferences by number of living children**

Percent distribution of currently married women and currently married men age 15-49 by desire for children, according to number of living children, Assam, 2019-20

| Desire for children             | Number of living children <sup>1</sup> |              |              |              |              |              |              | Total<br>15-49 | Total<br>15-54 |
|---------------------------------|--|--------------|--------------|--------------|--------------|--------------|--------------|----------------|----------------|
|                                 | 0                                      | 1            | 2            | 3            | 4            | 5            | 6 or<br>more |                |                |
| <b>WOMEN</b>                    |  |              |              |              |              |              |              |                |                |
| Want another soon <sup>2</sup>  | 63.6                                   | 14.2         | 2.3          | 1.0          | 0.6          | 0.2          | 0.5          | 9.9            | na             |
| Want another later <sup>3</sup> | 13.9                                   | 34.9         | 2.8          | 0.9          | 0.3          | 0.3          | 0.0          | 12.0           | na             |
| Want another, undecided when    | 4.6                                    | 3.8          | 0.4          | 0.3          | 0.2          | 0.3          | 0.5          | 1.6            | na             |
| Undecided                       | 4.2                                    | 13.5         | 4.8          | 2.9          | 1.6          | 1.7          | 1.2          | 6.5            | na             |
| Want no more                    | 6.4                                    | 29.3         | 74.4         | 75.5         | 79.4         | 80.5         | 80.8         | 57.4           | na             |
| Sterilized <sup>4</sup>         | 0.2                                    | 1.6          | 12.3         | 15.7         | 14.4         | 10.9         | 12.1         | 9.1            | na             |
| Declared infecund               | 6.5                                    | 2.2          | 1.9          | 2.3          | 2.7          | 4.3          | 3.9          | 2.6            | na             |
| Missing                         | 0.6                                    | 0.7          | 1.2          | 1.4          | 0.8          | 1.9          | 0.9          | 1.0            | na             |
| <b>Total</b>                    | <b>100.0</b>                           | <b>100.0</b> | <b>100.0</b> | <b>100.0</b> | <b>100.0</b> | <b>100.0</b> | <b>100.0</b> | <b>100.0</b>   | <b>na</b>      |
| <b>Number</b>                   | <b>1,968</b>                           | <b>7,222</b> | <b>8,714</b> | <b>4,554</b> | <b>1,957</b> | <b>757</b>   | <b>499</b>   | <b>25,673</b>  | <b>na</b>      |
| <b>MEN</b>                      |  |              |              |              |              |              |              |                |                |
| Want another soon <sup>2</sup>  | 31.9                                   | 16.4         | 3.2          | 2.7          | 1.7          | 0.9          | (1.1)        | 10.9           | 9.7            |
| Want another later <sup>3</sup> | 19.4                                   | 39.8         | 6.4          | 1.0          | 2.0          | 3.5          | (5.3)        | 16.7           | 14.5           |
| Want another, undecided when    | 3.4                                    | 4.4          | 0.2          | 0.4          | 0.0          | 0.0          | (0.0)        | 1.9            | 1.7            |
| Undecided                       | 3.3                                    | 10.6         | 6.0          | 6.4          | 3.0          | 3.5          | (2.7)        | 6.7            | 6.3            |
| Want no more                    | 39.2                                   | 28.1         | 80.9         | 86.9         | 90.6         | 92.1         | (90.8)       | 61.7           | 65.4           |
| Sterilized <sup>4</sup>         | 0.2                                    | 0.1          | 2.4          | 1.3          | 0.4          | 0.0          | (0.0)        | 1.0            | 1.0            |
| Declared infecund               | 2.6                                    | 0.7          | 0.6          | 0.8          | 1.1          | 0.0          | (0.0)        | 0.9            | 1.1            |
| Missing                         | 0.0                                    | 0.0          | 0.3          | 0.5          | 1.2          | 0.0          | (0.0)        | 0.3            | 0.2            |
| <b>Total</b>                    | <b>100.0</b>                           | <b>100.0</b> | <b>100.0</b> | <b>100.0</b> | <b>100.0</b> | <b>100.0</b> | <b>100.0</b> | <b>100.0</b>   | <b>100.0</b>   |
| <b>Number</b>                   | <b>410</b>                             | <b>792</b>   | <b>874</b>   | <b>425</b>   | <b>178</b>   | <b>60</b>    | <b>43</b>    | <b>2,782</b>   | <b>3,187</b>   |

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

na = Not applicable

<sup>1</sup> Includes current pregnancy of woman/wife

<sup>2</sup> Want next birth within 2 years

<sup>3</sup> Want to delay next birth for 2 or more years

<sup>4</sup> For Women: Includes both female and male sterilization and women who have had a hysterectomy

For Men: Includes male sterilization and men who mention in response to the question about desire for children that their wife has been sterilized

**Table 24 Desire not to have any more children**

Percentage of currently married women and men age 15-49 who want no more children by number of living children, according to background characteristics, Assam, 2019-20, and by number of living children, NFHS-4

| Background characteristic                | Women: Number of living children <sup>1</sup> |      |        |      |           | Total | Men: Number of living children <sup>1</sup> |        |        |        |           | Total  |
|--|---|------|--------|------|-----------|-------|---|--------|--------|--------|-----------|--------|
|  | 0   | 1    | 2      | 3    | 4 or more |       | 0   | 1      | 2      | 3      | 4 or more |        |
| <b>Age</b>                               |   |      |        |      |           |       |   |        |        |        |           |        |
| 15-24                                    | 3.6   | 13.6 | 73.2   | 86.7 | *         | 25.6  | 10.3  | 6.5    | *      | *      | *         | 11.8   |
| 25-34                                    | 3.1   | 25.7 | 85.2   | 88.5 | 91.7      | 63.7  | 25.5  | 17.1   | 76.4   | 79.6   | (76.9)    | 44.9   |
| 35-49                                    | 21.9  | 70.9 | 91.7   | 92.9 | 93.5      | 87.3  | 59.8  | 45.7   | 87.5   | 90.3   | 92.6      | 77.3   |
| <b>Residence</b>                         |   |      |        |      |           |       |   |        |        |        |           |        |
| Urban                                    | 8.7   | 43.7 | 89.3   | 90.7 | 93.7      | 66.6  | (27.1)                                      | 36.3   | 85.6   | (88.3) | *         | 57.8   |
| Rural                                    | 6.2   | 28.2 | 86.2   | 91.2 | 93.1      | 66.4  | 41.4  | 26.1   | 82.9   | 88.2   | 91.3      | 63.5   |
| <b>Schooling</b>                         |   |      |        |      |           |       |   |        |        |        |           |        |
| No schooling                             | 13.3  | 45.3 | 86.6   | 91.6 | 93.1      | 80.8  | 58.5  | 30.4   | 82.1   | 92.2   | 90.8      | 73.2   |
| <5 years complete                        | 11.0  | 34.6 | 86.3   | 91.5 | 94.9      | 78.2  | 59.9  | 24.3   | 76.3   | 81.1   | 93.6      | 65.9   |
| 5-9 years complete                       | 4.4   | 27.9 | 86.4   | 90.7 | 92.3      | 64.5  | 42.9  | 27.1   | 86.6   | 88.1   | 90.9      | 64.7   |
| 10-11 years complete                     | 8.3   | 29.8 | 87.1   | 90.1 | 90.1      | 58.9  | (35.9)                                      | 21.8   | 78.6   | (90.6) | *         | 51.1   |
| 12 or more years complete                | 5.4   | 29.8 | 87.6   | 91.8 | (88.6)    | 48.0  | 16.1  | 34.1   | 84.2   | (92.0) | *         | 52.2   |
| <b>Religion</b>                          |   |      |        |      |           |       |   |        |        |        |           |        |
| Hindu                                    | 7.5   | 34.6 | 88.4   | 91.1 | 90.7      | 65.1  | 37.2  | 34.4   | 84.0   | 91.5   | 90.4      | 62.1   |
| Muslim                                   | 5.2   | 22.5 | 83.4   | 91.1 | 94.4      | 68.7  | 43.7  | 13.1   | 82.1   | 85.1   | 92.0      | 63.5   |
| Christian                                | 0.0   | 25.7 | 83.3   | 91.1 | 94.5      | 66.0  | *   | (22.0) | (84.0) | (79.5) | *         | 65.1   |
| Other                                    | *   | *    | (74.8) | *    | *         | 68.3  | *   | *      | *      | *      | *         | *      |
| <b>Caste/tribe</b>                       |   |      |        |      |           |       |   |        |        |        |           |        |
| Scheduled caste                          | 3.8   | 34.6 | 90.2   | 91.8 | 93.2      | 69.0  | (44.1)                                      | 36.6   | 80.1   | 91.5   | (94.1)    | 64.7   |
| Scheduled tribe                          | 6.8   | 30.1 | 88.4   | 91.8 | 89.8      | 65.3  | 44.4  | 25.1   | 83.9   | 85.7   | (92.5)    | 62.7   |
| Other backward class                     | 6.8   | 30.5 | 87.3   | 90.4 | 91.1      | 62.5  | 33.6  | 33.3   | 84.0   | 91.5   | 86.0      | 60.3   |
| Other                                    | 7.2   | 30.3 | 84.7   | 91.0 | 93.9      | 68.1  | 40.2  | 22.5   | 83.5   | 86.6   | 92.3      | 63.5   |
| Don't know                               | *   | *    | *      | *    | *         | 67.6  | *   | *      | *      | *      | *         | *      |
| <b>Number of living sons<sup>2</sup></b> |   |      |        |      |           |       |   |        |        |        |           |        |
| 0  | 6.6   | 25.0 | 74.4   | 82.0 | 84.2      | 35.7  | 39.4  | 23.5   | 63.3   | (86.2) | *         | 40.8   |
| 1  | na  | 36.5 | 89.4   | 91.6 | 94.1      | 72.4  | na  | 31.9   | 88.6   | 86.9   | 86.5      | 67.2   |
| 2  | na  | na   | 90.1   | 93.7 | 94.0      | 92.2  | na  | na     | 88.9   | 90.6   | 95.3      | 90.8   |
| 3  | na  | na   | na     | 89.0 | 92.3      | 90.9  | na  | na     | na     | (85.6) | 92.6      | 89.7   |
| 4 or more                                | na  | na   | na     | na   | na        | 94.6  | na  | na     | na     | na     | na        | (93.6) |
| Total                                    | 6.6   | 30.9 | 86.7   | 91.1 | 93.1      | 66.4  | 39.4  | 28.1   | 83.3   | 88.2   | 91.2      | 62.7   |
| NFHS-4 (2015-16)                         | 4.6   | 23.9 | 78.5   | 84.8 | 87.6      | 60.9  | 9.7   | 18.3   | 78.6   | 91.5   | 91.2      | 58.4   |

Note: Women who have been sterilized or whose husband has been sterilized are considered to want no more children. Men who are sterilized or who mention in response to the question about desire for children that their wife 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 na = Not applicable

<sup>1</sup> Includes current pregnancy of woman/wife

<sup>2</sup> Excludes pregnant women and men with pregnant wives

**Table 25 Ideal number of children**

Percent distribution of women and men age 15-49 by ideal number of children, and mean ideal number of children, by number of living children, Assam, 2019-20, and percent distribution women and men age 15-49 by ideal number of children, NFHS-4

| Ideal number of children                              | Number of living children <sup>1</sup> |       |       |       |       |       |           | Total  | NFHS-4<br>(2015-16) |
|---|--|-------|-------|-------|-------|-------|-----------|--------|---------------------|
|   | 0                                      | 1     | 2     | 3     | 4     | 5     | 6 or more |        |                     |
| <b>WOMEN</b>  |  |       |       |       |       |       |           |        |                     |
| 0   | 10.9                                   | 1.5   | 1.5   | 1.7   | 1.7   | 1.4   | 1.9       | 4.2    | 8.3                 |
| 1   | 15.1                                   | 20.1  | 2.5   | 1.2   | 0.6   | 1.3   | 0.6       | 9.6    | 8.2                 |
| 2   | 67.9                                   | 74.4  | 88.2  | 52.5  | 33.0  | 20.8  | 12.9      | 68.5   | 59.8                |
| 3   | 4.2                                    | 3.2   | 6.5   | 38.8  | 37.6  | 35.0  | 32.5      | 12.5   | 14.5                |
| 4   | 0.6                                    | 0.4   | 0.8   | 4.9   | 24.2  | 26.2  | 34.4      | 3.7    | 6.7                 |
| 5   | 0.1                                    | 0.0   | 0.0   | 0.1   | 0.9   | 10.2  | 4.4       | 0.4    | 0.8                 |
| 6 or more   | 0.0                                    | 0.0   | 0.0   | 0.1   | 0.5   | 2.4   | 10.0      | 0.2    | 0.6                 |
| Non-numeric responses                                 | 1.3                                    | 0.3   | 0.4   | 0.7   | 1.5   | 2.6   | 3.2       | 0.8    | 1.1                 |
| Total   | 100.0                                  | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0     | 100.0  | 100.0               |
| Number  | 9,842                                  | 7,682 | 9,192 | 4,832 | 2,079 | 817   | 535       | 34,979 | 28,447              |
| <b>Mean ideal number of children for<sup>2</sup>:</b> |  |       |       |       |       |       |           |        |                     |
| All respondents                                       | 1.7                                    | 1.8   | 2.0   | 2.4   | 2.9   | 3.3   | 3.6       | 2.0    | 2.1                 |
| Number of respondents                                 | 9,715                                  | 7,658 | 9,158 | 4,800 | 2,048 | 796   | 519       | 34,692 | 28,146              |
| Currently married                                     | 1.8                                    | 1.8   | 2.0   | 2.4   | 2.9   | 3.3   | 3.6       | 2.2    | 2.2                 |
| Number of currently married respondents               | 1,966                                  | 7,200 | 8,682 | 4,524 | 1,928 | 739   | 486       | 25,524 | 20,495              |
| <b>MEN</b>  |  |       |       |       |       |       |           |        |                     |
| 0   | 8.1                                    | 1.9   | 2.7   | 3.4   | 4.5   | 5.6   | (6.9)     | 5.3    | 4.3                 |
| 1   | 9.3                                    | 18.5  | 2.0   | 1.2   | 0.8   | 0.0   | (0.0)     | 8.2    | 4.8                 |
| 2   | 61.8                                   | 72.3  | 85.5  | 46.1  | 43.0  | 29.7  | (23.3)    | 65.2   | 63.3                |
| 3   | 10.2                                   | 4.4   | 7.2   | 38.5  | 26.5  | 29.7  | (31.1)    | 12.4   | 17.0                |
| 4   | 2.3                                    | 1.8   | 2.1   | 8.8   | 19.2  | 18.3  | (30.1)    | 4.0    | 6.1                 |
| 5   | 0.3                                    | 0.2   | 0.0   | 0.7   | 3.6   | 4.2   | (5.3)     | 0.5    | 1.0                 |
| 6 or more   | 0.1                                    | 0.0   | 0.0   | 0.0   | 0.8   | 4.2   | (3.3)     | 0.2    | 0.2                 |
| Non-numeric responses                                 | 7.9                                    | 1.0   | 0.5   | 1.3   | 1.5   | 8.3   | (0.0)     | 4.3    | 3.3                 |
| Total   | 100.0                                  | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0     | 100.0  | 100.0               |
| Number  | 2,149                                  | 803   | 879   | 433   | 179   | 63    | 44        | 4,551  | 3,846               |
| <b>Mean ideal number of children for<sup>2</sup>:</b> |  |       |       |       |       |       |           |        |                     |
| All respondents                                       | 1.9                                    | 1.9   | 2.0   | 2.5   | 2.7   | 2.9   | (3.1)     | 2.0    | 2.2                 |
| Number of respondents                                 | 1,979                                  | 795   | 874   | 428   | 176   | 58    | 44        | 4,355  | 3,721               |
| Currently married                                     | 2.1                                    | 1.9   | 2.0   | 2.5   | 2.7   | 2.9   | (3.1)     | 2.2    | 2.3                 |
| Number of currently married respondents               | 425                                    | 795   | 874   | 423   | 176   | 58    | 44        | 2,796  | 2,310               |

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

<sup>1</sup> Includes current pregnancy for women or wife's current pregnancy for men

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



**Table 26 Indicators of sex preference**

Percentage women and men age 15-49 who want more sons than daughters, percentage who want more daughters than sons, percentage who want at least one son, and percentage who want at least one daughter, according to background characteristics, Assam, 2019-20, and total for NFHS-4

| Background characteristic           | Women  |  |                                      |   | Number of women | Men  |  |                                      |   | Number of men |
|-------------------------------------|--|--|--------------------------------------|---|-----------------|--|--|--------------------------------------|---|---------------|
|                                     | Percentage who want more sons than daughters | Percentage who want more daughters than sons | Percentage who want at least one son | Percentage who want at least one daughter |                 | Percentage who want more sons than daughters | Percentage who want more daughters than sons | Percentage who want at least one son | Percentage who want at least one daughter |               |
| <b>Age</b>                          |  |  |                                      |   |                 |  |  |                                      |   |               |
| 15-19                               | 8.1  | 3.1  | 74.1                                 | 71.5                                      | 5,558           | 16.0   | 1.7  | 80.6                                 | 73.7                                      | 652           |
| 20-29                               | 10.3   | 3.0  | 82.2                                 | 78.8                                      | 11,563          | 12.6   | 2.5  | 82.8                                 | 77.4                                      | 1,258         |
| 30-39                               | 16.5   | 4.9  | 86.0                                 | 82.7                                      | 9,713           | 13.5   | 3.1  | 85.0                                 | 79.9                                      | 1,244         |
| 40-49                               | 22.1   | 4.9  | 87.8                                 | 83.8                                      | 7,684           | 19.8   | 4.1  | 89.2                                 | 84.2                                      | 1,180         |
| <b>Residence</b>                    |  |  |                                      |   |                 |  |  |                                      |   |               |
| Urban                               | 11.9   | 4.1  | 77.7                                 | 73.5                                      | 5,142           | 15.6   | 1.9  | 82.1                                 | 73.0                                      | 660           |
| Rural                               | 14.7   | 4.0  | 84.2                                 | 80.9                                      | 29,376          | 15.3   | 3.2  | 85.3                                 | 80.6                                      | 3,673         |
| <b>Schooling</b>                    |  |  |                                      |   |                 |  |  |                                      |   |               |
| No schooling                        | 23.7   | 5.0  | 87.8                                 | 84.2                                      | 6,389           | 19.4   | 3.5  | 83.4                                 | 81.7                                      | 555           |
| <5 years complete                   | 20.4   | 4.3  | 87.7                                 | 84.7                                      | 3,213           | 19.9   | 4.6  | 88.0                                 | 84.0                                      | 463           |
| 5-9 years complete                  | 12.7   | 3.6  | 84.3                                 | 81.0                                      | 14,719          | 15.9   | 3.1  | 86.3                                 | 79.9                                      | 1,812         |
| 10-11 years complete                | 9.0  | 3.7  | 79.3                                 | 76.3                                      | 4,279           | 12.6   | 1.6  | 85.5                                 | 79.8                                      | 525           |
| 12 or more years complete           | 8.8  | 4.0  | 75.8                                 | 72.2                                      | 5,918           | 11.1   | 2.6  | 81.1                                 | 75.0                                      | 978           |
| <b>Marital status</b>               |  |  |                                      |   |                 |  |  |                                      |   |               |
| Never married                       | 7.6  | 3.1  | 70.0                                 | 67.8                                      | 7,574           | 14.2   | 2.1  | 78.1                                 | 71.5                                      | 1,547         |
| Currently married                   | 16.1   | 4.3  | 87.1                                 | 83.5                                      | 25,406          | 16.0   | 3.5  | 88.7                                 | 84.0                                      | 2,743         |
| Widowed/divorced/separated/deserted | 18.5   | 3.8  | 84.0                                 | 78.6                                      | 1,539           | (14.9)                                       | (3.0)  | (80.3)                               | (72.8)                                    | 43            |
| <b>Religion</b>                     |  |  |                                      |   |                 |  |  |                                      |   |               |
| Hindu                               | 12.6   | 3.9  | 81.2                                 | 77.4                                      | 21,387          | 13.2   | 3.2  | 82.1                                 | 75.6                                      | 2,693         |
| Muslim                              | 17.5   | 4.0  | 86.8                                 | 84.3                                      | 12,011          | 19.6   | 2.5  | 89.6                                 | 85.8                                      | 1,513         |
| Christian                           | 12.6   | 4.7  | 81.3                                 | 78.7                                      | 1,024           | 9.0  | 4.3  | 86.4                                 | 85.8                                      | 111           |
| Other                               | 14.2   | 4.0  | 82.8                                 | 79.7                                      | 96              | *  | *  | *                                    | *   | 16            |
| <b>Caste/tribe</b>                  |  |  |                                      |   |                 |  |  |                                      |   |               |
| Scheduled caste                     | 13.2   | 4.1  | 85.3                                 | 81.7                                      | 4,548           | 12.9   | 3.2  | 79.3                                 | 73.1                                      | 564           |
| Scheduled tribe                     | 12.3   | 3.8  | 80.1                                 | 76.9                                      | 4,377           | 11.3   | 3.9  | 83.8                                 | 79.7                                      | 627           |
| Other backward class                | 12.9   | 3.5  | 81.7                                 | 77.9                                      | 8,905           | 12.3   | 3.0  | 78.4                                 | 73.5                                      | 1,082         |
| Other                               | 15.9   | 4.3  | 84.3                                 | 81.1                                      | 16,597          | 18.6   | 2.7  | 90.1                                 | 84.4                                      | 2,047         |
| Don't know                          | 14.7   | 2.6  | 86.5                                 | 83.1                                      | 91              | *  | *  | *                                    | *   | 14            |
| Total                               | 14.3   | 4.0  | 83.2                                 | 79.8                                      | 34,518          | 15.3   | 3.0  | 84.8                                 | 79.4                                      | 4,333         |
| NFHS-4 (2015-16)                    | 18.0   | 3.5  | 82.1                                 | 76.7                                      | 28,113          | 17.9   | 2.9  | 83.5                                 | 79.5                                      | 3,716         |

Note: Table excludes women and men who gave non-numeric responses to the questions on ideal number of children or ideal number of sons or daughters. 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 27 Knowledge of contraceptive methods**

Percentage of all women and men, currently married women and men, and never married women and men who know any contraceptive method by specific method and residence, Assam, 2019-20

| Method  | Women     |                         |                     | Men     |                       |                   |
|---|-----------|-------------------------|---------------------|---------|-----------------------|-------------------|
|   | All women | Currently married women | Never married women | All men | Currently married men | Never married men |
| URBAN   |           |                         |                     |         |                       |                   |
| Any method  | 99.3      | 100.0                   | 97.6                | 99.5    | 100.0                 | 98.8              |
| <b>Any modern method</b>                              | 99.3      | 100.0                   | 97.6                | 99.5    | 100.0                 | 98.8              |
| Female sterilization                                  | 95.4      | 98.8                    | 86.1                | 86.2    | 93.2                  | 77.0              |
| Male sterilization                                    | 85.2      | 90.8                    | 70.4                | 84.3    | 88.4                  | 78.8              |
| Pill  | 96.7      | 98.9                    | 90.4                | 91.2    | 97.2                  | 83.4              |
| IUD or PPIUD  | 87.5      | 94.1                    | 69.0                | 67.5    | 74.5                  | 59.0              |
| Injectables   | 82.5      | 89.4                    | 64.4                | 74.0    | 81.9                  | 63.9              |
| Condom/ <i>Nirodh</i>                                 | 94.8      | 96.8                    | 90.0                | 97.8    | 98.9                  | 96.3              |
| Female condom   | 38.8      | 41.3                    | 33.4                | 44.6    | 46.0                  | 42.7              |
| Emergency contraception                               | 61.7      | 69.1                    | 43.7                | 49.2    | 58.3                  | 38.6              |
| Diaphragm   | 14.2      | 15.6                    | 10.0                | 13.4    | 13.7                  | 13.5              |
| Foam or jelly   | 13.3      | 14.3                    | 10.6                | 13.3    | 13.7                  | 13.3              |
| Standard days method                                  | 27.6      | 32.3                    | 15.5                | 19.1    | 23.4                  | 14.4              |
| Lactational amenorrhoea method (LAM)                  | 35.0      | 42.1                    | 15.6                | 24.7    | 32.2                  | 16.0              |
| Other modern method                                   | 2.9       | 3.1                     | 2.2                 | 14.7    | 24.2                  | 2.4               |
| Pill, IUD/PPIUD, and condom <sup>1</sup>              | 84.3      | 91.7                    | 64.6                | 64.0    | 71.7                  | 54.4              |
| <b>Any traditional method</b>                         | 86.4      | 96.9                    | 58.3                | 90.7    | 96.7                  | 82.9              |
| Rhythm  | 62.6      | 72.9                    | 35.7                | 53.1    | 65.1                  | 37.4              |
| Withdrawal  | 84.6      | 96.0                    | 53.9                | 90.4    | 96.2                  | 82.9              |
| Other   | 0.5       | 0.7                     | 0.2                 | 3.8     | 6.7                   | 0.2               |
| Mean number of methods known by respondents age 15-49 | 8.8       | 9.6                     | 6.9                 | 8.3     | 9.1                   | 7.2               |
| Number of respondents age 15-49                       | 5,239     | 3,579                   | 1,385               | 715     | 394                   | 312               |

*Continued...*

**Table 27 Knowledge of contraceptive methods—Continued**

Percentage of all women and men, currently married women and men, and never married women and men who know any contraceptive method by specific method and residence, Assam, 2019-20

| Method  | Women     |                         |                     | Men     |                       |                   |
|---|-----------|-------------------------|---------------------|---------|-----------------------|-------------------|
|   | All women | Currently married women | Never married women | All men | Currently married men | Never married men |
|   | RURAL     |                         |                     |         |                       |                   |
| Any method  | 98.6      | 99.8                    | 94.1                | 99.4    | 99.9                  | 98.5              |
| <b>Any modern method</b>                              | 98.5      | 99.7                    | 94.0                | 99.3    | 99.9                  | 98.5              |
| Female sterilization                                  | 95.0      | 97.9                    | 84.8                | 88.7    | 93.7                  | 80.4              |
| Male sterilization                                    | 82.9      | 88.1                    | 64.7                | 87.6    | 90.8                  | 82.4              |
| Pill  | 96.2      | 98.9                    | 86.6                | 95.3    | 97.9                  | 90.8              |
| IUD or PPIUD  | 82.7      | 88.4                    | 62.4                | 65.8    | 73.1                  | 53.6              |
| Injectables   | 79.2      | 84.8                    | 60.1                | 74.7    | 79.9                  | 65.9              |
| Condom/ <i>Nirodh</i>                                 | 90.5      | 92.8                    | 83.3                | 97.2    | 97.9                  | 96.0              |
| Female condom   | 33.9      | 35.9                    | 27.8                | 41.2    | 42.7                  | 39.0              |
| Emergency contraception                               | 48.7      | 53.5                    | 32.5                | 45.4    | 51.7                  | 34.5              |
| Diaphragm   | 11.5      | 12.6                    | 7.8                 | 12.6    | 14.3                  | 9.8               |
| Foam or jelly   | 9.5       | 10.2                    | 7.4                 | 14.8    | 16.0                  | 12.9              |
| Standard days method                                  | 19.3      | 21.8                    | 11.0                | 19.0    | 22.1                  | 13.9              |
| Lactational amenorrhoea method (LAM)                  | 29.4      | 34.0                    | 13.2                | 21.6    | 26.8                  | 13.0              |
| Other modern method                                   | 4.8       | 5.4                     | 2.8                 | 11.7    | 17.7                  | 1.9               |
| Pill, IUD/PPIUD, and condom <sup>1</sup>              | 77.7      | 83.6                    | 57.4                | 63.8    | 71.4                  | 51.0              |
| <b>Any traditional method</b>                         | 85.2      | 94.1                    | 52.8                | 89.0    | 93.6                  | 81.2              |
| Rhythm  | 57.1      | 64.9                    | 29.3                | 46.7    | 55.3                  | 31.9              |
| Withdrawal  | 83.1      | 92.4                    | 49.4                | 87.8    | 92.4                  | 80.0              |
| Other   | 1.3       | 1.5                     | 0.3                 | 3.7     | 5.0                   | 1.3               |
| Mean number of methods known by respondents age 15-49 | 8.3       | 8.8                     | 6.2                 | 8.1     | 8.8                   | 7.1               |
| Number of respondents age 15-49                       | 29,740    | 22,094                  | 6,363               | 3,835   | 2,389                 | 1,412             |

*Continued...*

**Table 27 Knowledge of contraceptive methods—Continued**

Percentage of all women and men, currently married women and men, and never married women and men who know any contraceptive method by specific method and residence, Assam, 2019-20

| Method  | Women     |                         |                     | Men     |                       |                   |
|---|-----------|-------------------------|---------------------|---------|-----------------------|-------------------|
|   | All women | Currently married women | Never married women | All men | Currently married men | Never married men |
|   | TOTAL     |                         |                     |         |                       |                   |
| Any method  | 98.7      | 99.9                    | 94.7                | 99.4    | 99.9                  | 98.5              |
| <b>Any modern method</b>                              | 98.6      | 99.7                    | 94.6                | 99.4    | 99.9                  | 98.5              |
| Female sterilization                                  | 95.1      | 98.0                    | 85.0                | 88.3    | 93.6                  | 79.8              |
| Male sterilization                                    | 83.2      | 88.5                    | 65.7                | 87.1    | 90.5                  | 81.8              |
| Pill  | 96.3      | 98.9                    | 87.3                | 94.6    | 97.8                  | 89.5              |
| IUD or PPIUD  | 83.4      | 89.2                    | 63.6                | 66.1    | 73.3                  | 54.6              |
| Injectables   | 79.7      | 85.4                    | 60.9                | 74.6    | 80.1                  | 65.5              |
| Condom/ <i>Nirodh</i>                                 | 91.2      | 93.4                    | 84.5                | 97.3    | 98.0                  | 96.1              |
| Female condom   | 34.7      | 36.7                    | 28.8                | 41.8    | 43.1                  | 39.7              |
| Emergency contraception                               | 50.6      | 55.7                    | 34.5                | 46.0    | 52.7                  | 35.2              |
| Diaphragm   | 11.9      | 13.1                    | 8.2                 | 12.7    | 14.3                  | 10.5              |
| Foam or jelly   | 10.1      | 10.8                    | 8.0                 | 14.5    | 15.7                  | 13.0              |
| Standard days method                                  | 20.6      | 23.3                    | 11.8                | 19.0    | 22.3                  | 14.0              |
| Lactational amenorrhoea method (LAM)                  | 30.2      | 35.1                    | 13.7                | 22.1    | 27.5                  | 13.5              |
| Other modern method                                   | 4.5       | 5.1                     | 2.7                 | 12.2    | 18.6                  | 1.9               |
| Pill, IUD/PPIUD, and condom <sup>1</sup>              | 78.7      | 84.7                    | 58.7                | 63.8    | 71.5                  | 51.6              |
| <b>Any traditional method</b>                         | 85.4      | 94.5                    | 53.8                | 89.3    | 94.0                  | 81.5              |
| Rhythm  | 58.0      | 66.0                    | 30.4                | 47.7    | 56.7                  | 32.9              |
| Withdrawal  | 83.3      | 92.9                    | 50.2                | 88.2    | 92.9                  | 80.6              |
| Other   | 1.2       | 1.4                     | 0.3                 | 3.7     | 5.3                   | 1.1               |
| Mean number of methods known by respondents age 15-49 | 8.3       | 8.9                     | 6.4                 | 8.2     | 8.8                   | 7.1               |
| Number of respondents age 15-49                       | 34,979    | 25,673                  | 7,748               | 4,551   | 2,782                 | 1,724             |

IUD = Intrauterine device; PPIUD = Postpartum intrauterine device

<sup>1</sup> All three methods

**Table 28 Current use of contraception by background characteristics**

Percent distribution of currently married women by contraceptive method currently used, according to background characteristics, Assam, 2019-20, and total for NFHS-4

| Background characteristic | Modern method |                   |                      |                    |      |              |             |                 |               |                         |     | Traditional method  |                        |        | Total | Number of women |            |                     |
|---------------------------|---------------|-------------------|----------------------|--------------------|------|--------------|-------------|-----------------|---------------|-------------------------|-----|---------------------|------------------------|--------|-------|-----------------|------------|---------------------|
|                           | Any method    | Any modern method | Female sterilization | Male sterilization | Pill | IUD or PPIUD | Injectables | Condom / Nirodh | Female condom | Emergency contraception | LAM | Other modern method | Any traditional method | Rhythm |       |                 | Withdrawal | Not currently using |
| <b>Age</b>                |               |                   |                      |                    |      |              |             |                 |               |                         |     |                     |                        |        |       |                 |            |                     |
| 15-19                     | 39.8          | 29.5              | 0.0                  | 0.0                | 18.6 | 1.9          | 0.2         | 7.4             | 0.0           | 0.0                     | 1.3 | 0.0                 | 10.3                   | 3.0    | 7.3   | 60.2            | 100.0      | 1,119               |
| 20-24                     | 54.5          | 40.9              | 1.2                  | 0.0                | 29.0 | 3.3          | 0.3         | 6.5             | 0.1           | 0.1                     | 0.4 | 0.0                 | 13.6                   | 4.5    | 9.1   | 45.5            | 100.0      | 3,881               |
| 25-29                     | 64.9          | 49.0              | 4.6                  | 0.1                | 32.5 | 4.2          | 0.6         | 6.6             | 0.1           | 0.0                     | 0.3 | 0.0                 | 15.9                   | 5.7    | 10.2  | 35.1            | 100.0      | 5,096               |
| 30-39                     | 71.8          | 54.2              | 12.1                 | 0.2                | 32.7 | 3.4          | 0.8         | 4.6             | 0.1           | 0.0                     | 0.2 | 0.1                 | 17.6                   | 6.8    | 10.8  | 28.2            | 100.0      | 8,943               |
| 40-49                     | 50.1          | 35.8              | 14.2                 | 0.1                | 17.3 | 1.3          | 0.3         | 2.5             | 0.0           | 0.0                     | 0.0 | 0.1                 | 14.3                   | 5.4    | 9.0   | 49.9            | 100.0      | 6,634               |
| <b>Residence</b>          |               |                   |                      |                    |      |              |             |                 |               |                         |     |                     |                        |        |       |                 |            |                     |
| Urban                     | 61.4          | 42.3              | 9.3                  | 0.1                | 21.2 | 3.3          | 0.3         | 7.6             | 0.2           | 0.0                     | 0.2 | 0.1                 | 19.1                   | 6.4    | 12.7  | 38.6            | 100.0      | 3,579               |
| Rural                     | 60.7          | 45.8              | 8.9                  | 0.1                | 28.5 | 2.9          | 0.6         | 4.4             | 0.0           | 0.0                     | 0.3 | 0.1                 | 14.9                   | 5.6    | 9.3   | 39.3            | 100.0      | 22,094              |
| <b>Schooling</b>          |               |                   |                      |                    |      |              |             |                 |               |                         |     |                     |                        |        |       |                 |            |                     |
| No schooling              | 57.0          | 44.1              | 13.2                 | 0.1                | 26.3 | 2.2          | 0.4         | 1.7             | 0.0           | 0.0                     | 0.1 | 0.0                 | 12.9                   | 4.1    | 8.8   | 43.0            | 100.0      | 5,522               |
| <5 years complete         | 61.2          | 48.4              | 11.6                 | 0.1                | 30.2 | 2.8          | 0.7         | 2.6             | 0.0           | 0.1                     | 0.1 | 0.0                 | 12.9                   | 4.2    | 8.7   | 38.8            | 100.0      | 2,781               |
| 5-9 years complete        | 62.3          | 47.0              | 8.1                  | 0.1                | 29.9 | 3.2          | 0.6         | 4.5             | 0.1           | 0.0                     | 0.3 | 0.1                 | 15.2                   | 5.5    | 9.7   | 37.7            | 100.0      | 10,790              |
| 10-11 years complete      | 62.3          | 44.8              | 6.9                  | 0.1                | 26.9 | 3.3          | 0.4         | 6.8             | 0.1           | 0.0                     | 0.2 | 0.1                 | 17.5                   | 7.1    | 10.4  | 37.7            | 100.0      | 2,833               |
| 12 or more years complete | 60.7          | 40.3              | 4.7                  | 0.0                | 21.0 | 3.0          | 0.4         | 10.8            | 0.1           | 0.0                     | 0.2 | 0.1                 | 20.5                   | 8.5    | 12.0  | 39.3            | 100.0      | 3,747               |
| <b>Religion</b>           |               |                   |                      |                    |      |              |             |                 |               |                         |     |                     |                        |        |       |                 |            |                     |
| Hindu                     | 61.1          | 42.8              | 12.0                 | 0.1                | 22.2 | 3.1          | 0.4         | 4.5             | 0.1           | 0.0                     | 0.2 | 0.1                 | 18.3                   | 7.1    | 11.3  | 38.9            | 100.0      | 15,580              |
| Muslim                    | 60.1          | 49.6              | 3.7                  | 0.1                | 36.7 | 2.5          | 0.7         | 5.5             | 0.0           | 0.0                     | 0.3 | 0.0                 | 10.6                   | 3.4    | 7.1   | 39.9            | 100.0      | 9,346               |
| Christian                 | 63.5          | 45.7              | 12.1                 | 0.0                | 24.4 | 5.2          | 0.4         | 3.3             | 0.0           | 0.0                     | 0.2 | 0.0                 | 17.9                   | 6.0    | 11.9  | 36.5            | 100.0      | 685                 |
| Other                     | 52.5          | 32.7              | 13.3                 | 0.0                | 13.1 | 2.9          | 0.8         | 2.6             | 0.0           | 0.0                     | 0.0 | 0.0                 | 19.8                   | 1.0    | 18.9  | 47.5            | 100.0      | 61                  |
| <b>Caste/tribe</b>        |               |                   |                      |                    |      |              |             |                 |               |                         |     |                     |                        |        |       |                 |            |                     |
| Scheduled caste           | 60.1          | 46.2              | 9.1                  | 0.2                | 29.1 | 2.5          | 0.6         | 4.3             | 0.1           | 0.0                     | 0.2 | 0.0                 | 13.9                   | 4.1    | 9.8   | 39.9            | 100.0      | 3,310               |
| Scheduled tribe           | 63.2          | 43.5              | 11.0                 | 0.1                | 23.6 | 4.5          | 0.4         | 3.7             | 0.0           | 0.0                     | 0.1 | 0.1                 | 19.6                   | 6.9    | 12.8  | 36.8            | 100.0      | 3,246               |
| Other backward class      | 61.4          | 41.2              | 14.7                 | 0.1                | 17.9 | 3.0          | 0.4         | 4.5             | 0.1           | 0.0                     | 0.2 | 0.1                 | 20.2                   | 8.7    | 11.6  | 38.6            | 100.0      | 6,491               |
| Other                     | 60.1          | 47.7              | 5.4                  | 0.1                | 33.1 | 2.6          | 0.6         | 5.5             | 0.0           | 0.0                     | 0.3 | 0.1                 | 12.4                   | 4.3    | 8.1   | 39.9            | 100.0      | 12,554              |
| Don't know                | 54.5          | 42.9              | 9.7                  | 2.7                | 25.2 | 3.6          | 0.0         | 1.7             | 0.0           | 0.0                     | 0.0 | 0.0                 | 11.7                   | 0.0    | 11.7  | 45.5            | 100.0      | 71                  |

Continued...

Table 28 Current use of contraception by background characteristics—Continued

Percent distribution of currently married women by contraceptive method currently used, according to background characteristics, Assam, 2019-20, and total for NFHS-4

| Background characteristic        | Any method | Any modern method | Modern method        |                    |      |              |             |                   |               |                              |     |                     | Traditional method     |        | Not currently using | Total | Number of women |            |
|----------------------------------|------------|-------------------|----------------------|--------------------|------|--------------|-------------|-------------------|---------------|------------------------------|-----|---------------------|------------------------|--------|---------------------|-------|-----------------|------------|
|                                  |            |                   | Female sterilization | Male sterilization | Pill | IUD or PPIUD | Injectables | Condom/<br>Nirodh | Female condom | Emergency contraceptive<br>n | LAM | Other modern method | Any traditional method | Rhythm |                     |       |                 | Withdrawal |
| <b>Number of living children</b> |            |                   |                      |                    |      |              |             |                   |               |                              |     |                     |                        |        |                     |       |                 |            |
| No children                      | 23.4       | 13.5              | 0.2                  | 0.0                | 6.6  | 0.3          | 0.0         | 6.4               | 0.0           | 0.0                          | 0.0 | 0.0                 | 9.9                    | 3.3    | 6.6                 | 76.6  | 100.0           | 2,671      |
| 1 child                          | 60.6       | 42.1              | 1.6                  | 0.0                | 28.8 | 3.6          | 0.3         | 7.1               | 0.1           | 0.1                          | 0.5 | 0.0                 | 18.5                   | 7.1    | 11.4                | 39.4  | 100.0           | 7,017      |
| 1 son                            | 59.3       | 41.5              | 1.8                  | 0.0                | 28.6 | 3.5          | 0.4         | 6.4               | 0.1           | 0.1                          | 0.6 | 0.0                 | 17.8                   | 6.7    | 11.1                | 40.7  | 100.0           | 3,956      |
| No sons                          | 62.4       | 43.0              | 1.4                  | 0.0                | 29.1 | 3.8          | 0.2         | 7.9               | 0.0           | 0.0                          | 0.4 | 0.1                 | 19.4                   | 7.6    | 11.8                | 37.6  | 100.0           | 3,062      |
| 2 children                       | 69.5       | 53.0              | 12.6                 | 0.1                | 31.3 | 3.5          | 0.5         | 4.5               | 0.1           | 0.0                          | 0.2 | 0.1                 | 16.5                   | 6.2    | 10.3                | 30.5  | 100.0           | 8,377      |
| 1 or more sons                   | 70.2       | 53.6              | 13.6                 | 0.1                | 31.1 | 3.3          | 0.6         | 4.4               | 0.1           | 0.0                          | 0.2 | 0.1                 | 16.6                   | 6.3    | 10.3                | 29.8  | 100.0           | 6,898      |
| No sons                          | 66.4       | 50.3              | 7.9                  | 0.1                | 32.3 | 4.2          | 0.5         | 5.3               | 0.0           | 0.0                          | 0.1 | 0.0                 | 16.1                   | 6.1    | 10.1                | 33.6  | 100.0           | 1,478      |
| 3 children                       | 66.9       | 52.9              | 15.9                 | 0.2                | 30.0 | 3.0          | 0.9         | 2.6               | 0.1           | 0.0                          | 0.1 | 0.0                 | 14.0                   | 4.9    | 9.1                 | 33.1  | 100.0           | 4,434      |
| 1 or more sons                   | 67.6       | 53.5              | 16.5                 | 0.2                | 30.2 | 3.0          | 1.0         | 2.5               | 0.1           | 0.0                          | 0.1 | 0.0                 | 14.0                   | 4.9    | 9.1                 | 32.4  | 100.0           | 3,997      |
| No sons                          | 60.5       | 46.8              | 10.5                 | 0.4                | 28.0 | 3.1          | 0.6         | 3.5               | 0.0           | 0.0                          | 0.4 | 0.1                 | 13.6                   | 4.9    | 8.7                 | 39.5  | 100.0           | 436        |
| 4 or more children               | 61.1       | 48.2              | 13.3                 | 0.1                | 28.9 | 2.1          | 0.9         | 2.5               | 0.0           | 0.0                          | 0.2 | 0.0                 | 12.9                   | 4.2    | 8.7                 | 38.9  | 100.0           | 3,174      |
| 1 or more sons                   | 61.3       | 48.4              | 13.4                 | 0.1                | 28.9 | 2.2          | 1.0         | 2.6               | 0.0           | 0.0                          | 0.3 | 0.0                 | 12.9                   | 4.3    | 8.7                 | 38.7  | 100.0           | 3,016      |
| No sons                          | 58.2       | 45.1              | 11.9                 | 1.1                | 30.3 | 0.6          | 0.0         | 1.2               | 0.0           | 0.0                          | 0.0 | 0.0                 | 13.1                   | 3.8    | 9.3                 | 41.8  | 100.0           | 158        |
| Total                            | 60.8       | 45.3              | 9.0                  | 0.1                | 27.5 | 2.9          | 0.5         | 4.9               | 0.1           | 0.0                          | 0.2 | 0.1                 | 15.5                   | 5.7    | 9.8                 | 39.2  | 100.0           | 25,673     |
| NFHS-4 (2015-16)                 | 52.4       | 37.0              | 9.5                  | 0.1                | 22.0 | 2.2          | 0.1         | 2.7               | 0.1           | na                           | 0.3 | 0.1                 | 15.4                   | 7.4    | 8.0                 | 47.6  | 100.0           | 20,556     |

na = Not available

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

IUD = Intrauterine device; PPIUD = Postpartum intrauterine device; LAM = Lactational amenorrhoea method

**Table 29 Current use of contraceptive methods by district**

Percentage of currently married women age 15-49 years using any contraceptive method, any modern method, female sterilization, male sterilization, any modern spacing method, and any traditional method, according to district, Assam, 2019-20

| District                | Any method | Any modern method | Female sterilization | Male sterilization | Any modern spacing method <sup>1</sup> | Any traditional method <sup>2</sup> | Number of women |
|-------------------------|------------|-------------------|----------------------|--------------------|--|-------------------------------------|-----------------|
| Baksa                   | 59.2       | 47.3              | 7.1                  | 0.0                | 40.2                                   | 11.9                                | 859             |
| Barpeta                 | 57.3       | 47.4              | 5.5                  | 0.1                | 41.8                                   | 10.0                                | 1,449           |
| Biswanath               | 72.4       | 56.1              | 11.9                 | 0.3                | 43.9                                   | 16.3                                | 368             |
| Bongaigaon              | 57.6       | 45.3              | 5.9                  | 0.1                | 39.3                                   | 12.3                                | 594             |
| Cachar                  | 47.9       | 38.2              | 6.9                  | 0.1                | 31.2                                   | 9.8                                 | 1,545           |
| Charaideo               | 67.0       | 43.9              | 20.1                 | 0.1                | 23.7                                   | 23.1                                | 361             |
| Chirang                 | 65.8       | 55.6              | 3.9                  | 0.1                | 51.5                                   | 10.3                                | 385             |
| Darrang                 | 46.7       | 36.5              | 3.5                  | 0.1                | 32.8                                   | 10.3                                | 755             |
| Dhemaji                 | 72.5       | 45.0              | 14.5                 | 0.0                | 30.5                                   | 27.5                                | 545             |
| Dhubri                  | 64.1       | 53.2              | 1.8                  | 0.0                | 51.4                                   | 10.8                                | 1,194           |
| Dibrugarh               | 64.6       | 43.6              | 24.3                 | 0.1                | 19.2                                   | 21.0                                | 1,126           |
| Dima Hasao              | 65.5       | 44.9              | 10.2                 | 0.2                | 34.5                                   | 20.6                                | 151             |
| Goalpara                | 66.8       | 55.1              | 6.0                  | 0.1                | 48.9                                   | 11.7                                | 802             |
| Golaghat                | 61.6       | 35.7              | 13.2                 | 0.0                | 22.5                                   | 26.0                                | 879             |
| Hailakandi              | 66.8       | 49.5              | 4.1                  | 0.0                | 45.4                                   | 17.4                                | 600             |
| Hojai                   | 61.1       | 48.2              | 4.3                  | 0.1                | 43.8                                   | 12.9                                | 190             |
| Jorhat                  | 63.8       | 32.3              | 12.5                 | 0.3                | 19.6                                   | 31.5                                | 784             |
| Kamrup                  | 38.7       | 32.3              | 8.0                  | 0.0                | 24.2                                   | 6.5                                 | 1,251           |
| Kamrup Metropolitan     | 56.8       | 41.5              | 13.4                 | 0.0                | 28.0                                   | 15.3                                | 983             |
| Karbi Anglong           | 66.3       | 41.1              | 9.3                  | 0.0                | 31.8                                   | 25.2                                | 491             |
| Karimganj               | 64.3       | 54.9              | 6.1                  | 0.5                | 48.3                                   | 9.4                                 | 1,027           |
| Kokrajhar               | 72.3       | 58.0              | 6.0                  | 0.1                | 51.8                                   | 14.4                                | 747             |
| Lakhimpur               | 67.0       | 43.6              | 10.8                 | 0.0                | 32.8                                   | 23.5                                | 750             |
| Majuli                  | 63.7       | 31.3              | 12.1                 | 0.0                | 19.2                                   | 32.4                                | 125             |
| Morigaon                | 70.6       | 56.7              | 6.0                  | 0.1                | 50.6                                   | 13.9                                | 818             |
| Nagaon                  | 58.6       | 46.8              | 7.7                  | 0.2                | 38.9                                   | 11.9                                | 2,255           |
| Nalbari                 | 53.3       | 38.7              | 11.7                 | 0.0                | 26.9                                   | 14.6                                | 644             |
| Sivasagar               | 67.2       | 39.5              | 12.4                 | 0.0                | 27.1                                   | 27.7                                | 568             |
| Sonitpur                | 74.4       | 58.9              | 9.1                  | 0.1                | 49.6                                   | 15.5                                | 1,063           |
| South Salmara Mancachar | 71.5       | 60.8              | 1.1                  | 0.0                | 59.7                                   | 10.7                                | 507             |
| Tinsukia                | 59.2       | 36.5              | 16.7                 | 0.1                | 19.7                                   | 22.7                                | 987             |
| Udalguri                | 50.2       | 36.2              | 6.4                  | 0.2                | 29.6                                   | 13.9                                | 665             |
| West Karbi Anglong      | 69.9       | 43.3              | 7.8                  | 0.0                | 35.5                                   | 26.6                                | 204             |
| Assam                   | 60.8       | 45.3              | 9.0                  | 0.1                | 36.2                                   | 15.5                                | 25,673          |

<sup>1</sup> Includes pill, IUD/PPIUD, injectables, male condom, female condom, emergency contraception, lactational amenorrhoea method (LAM), and other modern methods

<sup>2</sup> Includes rhythm, withdrawal, and other traditional methods

**Table 30 Contraceptive use by men at last sexual intercourse**

Percent distribution of currently married men and sexually active unmarried men age 15-49 by contraceptive used the last time they had sex, according to type of partner and background characteristics, Assam, 2019-20

| Background characteristic     | Any method | Any modern method | Modern method |              |                          |                     | Any traditional method | Traditional method |            |       | Not used at last sex | Total | Number of men |
|-------------------------------|------------|-------------------|---------------|--------------|--------------------------|---------------------|------------------------|--------------------|------------|-------|----------------------|-------|---------------|
|                               |            |                   | Pill          | IUD or PPIUD | Condom/<br><i>Nirodh</i> | Other modern method |                        | Rhythm             | Withdrawal | Other |                      |       |               |
| <b>Type of sexual partner</b> |            |                   |               |              |                          |                     |                        |                    |            |       |                      |       |               |
| Currently married             | 46.9       | 31.8              | 3.5           | 1.5          | 7.9                      | 18.7                | 15.1                   | 0.0                | 2.6        | 12.5  | 53.1                 | 100.0 | 2,782         |
| Wife                          | 49.8       | 34.2              | 3.8           | 1.6          | 8.9                      | 19.6                | 15.6                   | 0.0                | 2.9        | 12.7  | 50.2                 | 100.0 | 2,460         |
| Other                         | 24.9       | 13.8              | 1.0           | 0.3          | 0.0                      | 12.5                | 11.1                   | 0.0                | 0.5        | 10.6  | 75.1                 | 100.0 | 322           |
| <b>Age</b>                    |            |                   |               |              |                          |                     |                        |                    |            |       |                      |       |               |
| 20-24                         | 39.3       | 27.5              | 0.0           | 2.6          | 11.1                     | 13.8                | 11.8                   | 0.0                | 2.2        | 9.6   | 60.7                 | 100.0 | 178           |
| 25-29                         | 45.2       | 31.2              | 1.3           | 1.6          | 7.3                      | 21.0                | 14.0                   | 0.0                | 2.4        | 11.6  | 54.8                 | 100.0 | 391           |
| 30-34                         | 47.6       | 31.8              | 2.7           | 1.4          | 8.7                      | 18.7                | 15.8                   | 0.0                | 2.9        | 12.9  | 52.4                 | 100.0 | 510           |
| 35-39                         | 50.2       | 33.8              | 2.7           | 1.3          | 10.6                     | 18.9                | 16.4                   | 0.0                | 1.8        | 14.6  | 49.8                 | 100.0 | 567           |
| 40-44                         | 48.0       | 34.4              | 5.1           | 2.0          | 6.5                      | 20.5                | 13.5                   | 0.0                | 2.2        | 11.3  | 52.0                 | 100.0 | 559           |
| 45-49                         | 47.6       | 31.1              | 5.7           | 0.7          | 7.6                      | 16.6                | 16.5                   | 0.0                | 4.0        | 12.5  | 52.4                 | 100.0 | 587           |
| <b>Residence</b>              |            |                   |               |              |                          |                     |                        |                    |            |       |                      |       |               |
| Urban                         | 41.9       | 21.9              | 3.6           | 1.5          | 4.8                      | 11.6                | 20.0                   | 0.0                | 2.8        | 17.2  | 58.1                 | 100.0 | 397           |
| Rural                         | 48.1       | 33.9              | 3.4           | 1.4          | 9.0                      | 19.7                | 14.3                   | 0.0                | 2.6        | 11.6  | 51.9                 | 100.0 | 2,410         |
| <b>Schooling</b>              |            |                   |               |              |                          |                     |                        |                    |            |       |                      |       |               |
| No schooling                  | 47.3       | 36.0              | 5.1           | 1.1          | 7.2                      | 22.3                | 11.3                   | 0.0                | 2.1        | 9.2   | 52.7                 | 100.0 | 486           |
| <5 years complete             | 52.6       | 35.3              | 4.0           | 0.6          | 6.3                      | 24.2                | 17.3                   | 0.0                | 2.3        | 15.0  | 47.4                 | 100.0 | 395           |
| 5-9 years complete            | 44.9       | 30.7              | 3.3           | 2.4          | 7.9                      | 16.6                | 14.2                   | 0.0                | 2.2        | 12.0  | 55.1                 | 100.0 | 1,125         |
| 10-11 years complete          | 45.3       | 26.9              | 1.9           | 0.6          | 7.8                      | 16.5                | 18.4                   | 0.0                | 4.8        | 13.6  | 54.7                 | 100.0 | 283           |
| 12 or more years complete     | 49.2       | 32.2              | 2.5           | 0.9          | 12.7                     | 16.1                | 17.0                   | 0.0                | 3.2        | 13.8  | 50.8                 | 100.0 | 517           |

Continued...



**Table 30 Contraceptive use by men at last sexual intercourse—Continued**

Percent distribution of currently married men and sexually active unmarried men age 15-49 by contraceptive used the last time they had sex, according to type of partner and background characteristics, Assam, 2019-20

| Background characteristic | Any method | Any modern method | Modern method |              |                          |                     | Any traditional method | Traditional method |            |       | Not used at last sex | Total | Number of men |
|---------------------------|------------|-------------------|---------------|--------------|--------------------------|---------------------|------------------------|--------------------|------------|-------|----------------------|-------|---------------|
|                           |            |                   | Pill          | IUD or PPIUD | Condom/<br><i>Nirodh</i> | Other modern method |                        | Rhythm             | Withdrawal | Other |                      |       |               |
| <b>Religion</b>           |            |                   |               |              |                          |                     |                        |                    |            |       |                      |       |               |
| Hindu                     | 45.8       | 29.2              | 4.8           | 1.5          | 7.1                      | 15.5                | 16.7                   | 0.0                | 3.1        | 13.6  | 54.2                 | 100.0 | 1,713         |
| Muslim                    | 49.0       | 36.8              | 0.5           | 1.3          | 10.3                     | 24.2                | 12.2                   | 0.0                | 1.8        | 10.3  | 51.0                 | 100.0 | 1,013         |
| Christian                 | 54.9       | 36.6              | 10.4          | 1.9          | 12.4                     | 11.9                | 18.3                   | 0.0                | 4.6        | 13.6  | 45.1                 | 100.0 | 72            |
| <b>Caste/tribe</b>        |            |                   |               |              |                          |                     |                        |                    |            |       |                      |       |               |
| Scheduled caste           | 42.8       | 29.0              | 2.9           | 0.3          | 6.0                      | 19.5                | 13.8                   | 0.0                | 1.9        | 11.9  | 57.2                 | 100.0 | 378           |
| Scheduled tribe           | 52.9       | 35.9              | 4.5           | 2.1          | 11.0                     | 18.3                | 17.0                   | 0.0                | 3.3        | 13.7  | 47.1                 | 100.0 | 430           |
| Other backward class      | 47.0       | 30.4              | 7.6           | 2.3          | 5.2                      | 15.0                | 16.6                   | 0.0                | 4.2        | 12.4  | 53.0                 | 100.0 | 685           |
| Other                     | 46.9       | 33.0              | 1.1           | 1.1          | 10.1                     | 20.4                | 14.0                   | 0.0                | 1.8        | 12.1  | 53.1                 | 100.0 | 1,306         |
| Total age 15-49           | 47.2       | 32.2              | 3.4           | 1.4          | 8.4                      | 18.6                | 15.1                   | 0.0                | 2.7        | 12.4  | 52.8                 | 100.0 | 2,807         |
| Age 50-54                 | 41.1       | 24.2              | 4.9           | 0.9          | 6.8                      | 11.5                | 17.0                   | 0.2                | 4.4        | 12.4  | 58.9                 | 100.0 | 404           |
| Total age 15-54           | 46.5       | 31.2              | 3.6           | 1.4          | 8.2                      | 17.7                | 15.3                   | 0.0                | 2.9        | 12.4  | 53.5                 | 100.0 | 3,211         |

Note: Total includes not currently married men whose sexual partner is live-in partner/girlfriend/other, men age 15-19 years, men who are not married and widowed/divorced/separated/deserted, men belonging to other religions and men who don't know their caste/tribe, who are not shown separately.

IUD = Intrauterine device; PPIUD = Postpartum intrauterine device

**Table 31 Source of modern contraceptive methods**

Percent distribution of women age 15-49 who are current users of modern contraceptive methods by most recent source of the method, according to residence, Assam, 2019-20

| Most recent source of method          | Female            | Male              | Pill  | IUD or<br>PPIUD | Injectables | Condom/<br><i>Nirodh</i> | All modern<br>methods <sup>1</sup> |
|---------------------------------------|-------------------|-------------------|-------|-----------------|-------------|--------------------------|------------------------------------|
|                                       | sterilizatio<br>n | sterilizatio<br>n |       |                 |             |                          |                                    |
| URBAN                                 |                   |                   |       |                 |             |                          |                                    |
| <b>Public health sector</b>           | 72.3              | *                 | 26.2  | 90.6            | *           | 21.8                     | 41.8                               |
| Government/municipal hospital         | 53.4              | *                 | 5.7   | 43.1            | *           | 2.8                      | 19.6                               |
| <i>Vaidya/hakim/homeopath (AYUSH)</i> | 0.0               | *                 | 0.0   | 0.0             | *           | 0.0                      | 0.0                                |
| Government dispensary                 | 4.5               | *                 | 1.2   | 2.7             | *           | 0.8                      | 2.2                                |
| UHC/UHP/UFWC                          | 1.3               | *                 | 0.0   | 3.4             | *           | 1.0                      | 0.7                                |
| CHC/rural hospital/Block PHC          | 10.1              | *                 | 2.0   | 15.1            | *           | 0.6                      | 4.8                                |
| PHC/Additional PHC                    | 1.5               | *                 | 1.5   | 15.6            | *           | 1.5                      | 2.6                                |
| Sub-centre/ANM                        | 0.0               | *                 | 7.1   | 6.9             | *           | 6.9                      | 5.3                                |
| Government mobile clinic              | 0.0               | *                 | 1.1   | 4.0             | *           | 5.0                      | 1.7                                |
| Camp                                  | 0.4               | *                 | 0.0   | 0.0             | *           | 0.0                      | 0.1                                |
| <i>Anganwadi/ICDS centre</i>          | 0.0               | *                 | 0.0   | 0.0             | *           | 0.0                      | 0.0                                |
| ASHA                                  | 0.0               | *                 | 7.6   | 0.0             | *           | 3.2                      | 4.4                                |
| Other community-based worker          | 0.0               | *                 | 0.0   | 0.0             | *           | 0.0                      | 0.0                                |
| Other public health sector            | 1.2               | *                 | 0.0   | 0.0             | *           | 0.0                      | 0.3                                |
| NGO or trust hospital/clinic          | 0.0               | *                 | 0.3   | 0.0             | *           | 0.6                      | 0.2                                |
| <b>Private health sector</b>          | 23.6              | *                 | 70.4  | 9.4             | *           | 71.0                     | 54.0                               |
| Private hospital                      | 21.4              | *                 | 4.3   | 9.4             | *           | 2.9                      | 8.7                                |
| Private doctor/clinic                 | 0.7               | *                 | 1.7   | 0.0             | *           | 2.6                      | 1.6                                |
| Private mobile clinic                 | 0.0               | *                 | 0.1   | 0.0             | *           | 0.5                      | 0.1                                |
| <i>Vaidya/hakim/homeopath (AYUSH)</i> | 0.0               | *                 | 0.2   | 0.0             | *           | 0.0                      | 0.1                                |
| Traditional healer                    | 0.0               | *                 | 0.1   | 0.0             | *           | 1.8                      | 0.4                                |
| Pharmacy/drugstore                    | 0.0               | *                 | 63.6  | 0.0             | *           | 63.2                     | 42.7                               |
| <i>Dai (TBA)</i>                      | 0.0               | *                 | 0.0   | 0.0             | *           | 0.0                      | 0.0                                |
| Other private health sector           | 1.5               | *                 | 0.4   | 0.0             | *           | 0.0                      | 0.5                                |
| <b>Other source</b>                   | 2.0               | *                 | 3.1   | 0.0             | *           | 6.6                      | 3.1                                |
| Shop                                  | 0.0               | *                 | 0.4   | 0.0             | *           | 0.0                      | 0.2                                |
| Husband                               | 0.0               | *                 | 2.4   | 0.0             | *           | 6.6                      | 2.4                                |
| Friend/relative                       | 0.0               | *                 | 0.2   | 0.0             | *           | 0.0                      | 0.1                                |
| Other                                 | 2.0               | *                 | 0.0   | 0.0             | *           | 0.0                      | 0.5                                |
| Missing                               | 2.1               | *                 | 0.0   | 0.0             | *           | 0.0                      | 0.8                                |
| Total                                 | 100.0             | 100.0             | 100.0 | 100.0           | 100.0       | 100.0                    | 100.0                              |
| Number of users                       | 363               | 4                 | 760   | 120             | 10          | 272                      | 1,541                              |

Continued...

**Table 31 Source of modern contraceptive methods—Continued**

Percent distribution of women age 15-49 who are current users of modern contraceptive methods by most recent source of the method, according to residence, Assam, 2019-20

| Most recent source of method   | Female sterilization | Male sterilization | Pill  | IUD or PPIUD | Injectables | Condom/<br><i>Nirodh</i> | All modern methods <sup>1</sup> |
|--------------------------------|----------------------|--------------------|-------|--------------|-------------|--------------------------|---------------------------------|
| RURAL                          |                      |                    |       |              |             |                          |                                 |
| <b>Public health sector</b>    | 88.9                 | *                  | 34.9  | 94.4         | 87.3        | 33.6                     | 50.2                            |
| Government/municipal hospital  | 40.0                 | *                  | 2.8   | 29.5         | 10.7        | 2.6                      | 12.2                            |
| Vaidya/Hakim/Homeopath (AYUSH) | 0.0                  | *                  | 0.0   | 0.0          | 0.0         | 0.0                      | 0.0                             |
| Government dispensary          | 5.1                  | *                  | 0.6   | 7.5          | 8.2         | 0.7                      | 2.0                             |
| UHC/UHP/UFWC                   | 0.6                  | *                  | 0.0   | 0.5          | 0.0         | 0.1                      | 0.2                             |
| CHC/rural hospital/Block PHC   | 25.5                 | *                  | 2.0   | 29.6         | 20.0        | 2.0                      | 8.8                             |
| PHC/Additional PHC             | 15.8                 | *                  | 2.2   | 17.2         | 20.6        | 1.6                      | 6.1                             |
| Sub-centre/ANM                 | 0.7                  | *                  | 11.3  | 6.6          | 22.2        | 10.3                     | 8.8                             |
| Government mobile clinic       | 0.1                  | *                  | 0.8   | 0.9          | 0.0         | 3.0                      | 0.8                             |
| Camp                           | 0.6                  | *                  | 0.1   | 0.0          | 0.9         | 0.1                      | 0.2                             |
| <i>Anganwadi</i> /ICDS centre  | 0.0                  | *                  | 0.7   | 0.3          | 0.0         | 0.6                      | 0.5                             |
| ASHA                           | 0.0                  | *                  | 14.3  | 2.1          | 4.7         | 12.6                     | 10.3                            |
| Other community-based worker   | 0.0                  | *                  | 0.0   | 0.0          | 0.0         | 0.0                      | 0.0                             |
| Other public health sector     | 0.5                  | *                  | 0.1   | 0.4          | 0.0         | 0.1                      | 0.2                             |
| NGO or trust hospital/clinic   | 0.0                  | *                  | 0.0   | 0.1          | 0.0         | 0.0                      | 0.0                             |
| <b>Private health sector</b>   | 9.9                  | *                  | 60.9  | 4.8          | 10.8        | 57.6                     | 45.9                            |
| Private hospital               | 6.6                  | *                  | 1.0   | 2.7          | 2.1         | 1.0                      | 2.3                             |
| Private doctor/clinic          | 0.3                  | *                  | 2.2   | 0.7          | 1.7         | 2.0                      | 1.7                             |
| Private mobile clinic          | 0.0                  | *                  | 0.4   | 0.0          | 0.0         | 0.0                      | 0.3                             |
| Vaidya/Hakim/Homeopath (AYUSH) | 0.0                  | *                  | 0.0   | 0.0          | 0.0         | 0.0                      | 0.0                             |
| Traditional healer             | 0.0                  | *                  | 0.1   | 0.0          | 0.0         | 0.0                      | 0.0                             |
| Pharmacy/drugstore             | 0.0                  | *                  | 57.1  | 1.0          | 6.3         | 54.6                     | 40.9                            |
| <i>Dai</i> (TBA)               | 0.0                  | *                  | 0.0   | 0.0          | 0.0         | 0.0                      | 0.0                             |
| Other private health sector    | 3.0                  | *                  | 0.1   | 0.4          | 0.7         | 0.0                      | 0.7                             |
| <b>Other source</b>            | 0.9                  | *                  | 4.2   | 0.6          | 1.9         | 8.8                      | 3.7                             |
| Shop                           | 0.0                  | *                  | 1.2   | 0.5          | 0.0         | 1.1                      | 0.9                             |
| Husband                        | 0.0                  | *                  | 2.9   | 0.0          | 1.9         | 7.6                      | 2.6                             |
| Friend/relative                | 0.0                  | *                  | 0.1   | 0.0          | 0.0         | 0.1                      | 0.1                             |
| Other                          | 0.9                  | *                  | 0.0   | 0.1          | 0.0         | 0.0                      | 0.2                             |
| Missing                        | 0.3                  | *                  | 0.0   | 0.0          | 0.0         | 0.0                      | 0.2                             |
| Total                          | 100.0                | 100.0              | 100.0 | 100.0        | 100.0       | 100.0                    | 100.0                           |
| Number of users                | 2,066                | 23                 | 6,332 | 635          | 128         | 979                      | 10,191                          |

*Continued...*

**Table 31 Source of modern contraceptive methods—Continued**

Percent distribution of women age 15-49 who are current users of modern contraceptive methods by most recent source of the method, according to residence, Assam, 2019-20

| Most recent source of method   | Female sterilization | Male sterilization | Pill  | IUD or PPIUD | Injectables | Condom /Nirodh | All modern methods <sup>1</sup> |
|--------------------------------|----------------------|--------------------|-------|--------------|-------------|----------------|---------------------------------|
| TOTAL                          |                      |                    |       |              |             |                |                                 |
| <b>Public health sector</b>    | 86.4                 | (100.0)            | 34.0  | 93.8         | 87.1        | 31.1           | 49.1                            |
| Government/municipal hospital  | 42.0                 | (48.3)             | 3.2   | 31.7         | 10.6        | 2.7            | 13.2                            |
| Vaidya/Hakim/Homeopath (AYUSH) | 0.0                  | (0.0)              | 0.0   | 0.0          | 0.0         | 0.0            | 0.0                             |
| Government dispensary          | 5.0                  | (9.6)              | 0.6   | 6.7          | 10.5        | 0.8            | 2.1                             |
| UHC/UHP/UFWC                   | 0.7                  | (0.0)              | 0.0   | 0.9          | 0.0         | 0.3            | 0.3                             |
| CHC/rural hospital/Block PHC   | 23.2                 | (25.2)             | 2.0   | 27.3         | 20.6        | 1.7            | 8.3                             |
| PHC/Additional PHC             | 13.7                 | (16.9)             | 2.1   | 17.0         | 19.7        | 1.6            | 5.7                             |
| Sub-centre/ANM                 | 0.6                  | (0.0)              | 10.8  | 6.6          | 20.5        | 9.5            | 8.4                             |
| Government mobile clinic       | 0.1                  | (0.0)              | 0.8   | 1.4          | 0.0         | 3.4            | 0.9                             |
| Camp                           | 0.5                  | (0.0)              | 0.1   | 0.0          | 0.9         | 0.1            | 0.2                             |
| Anganwadi/ICDS centre          | 0.0                  | (0.0)              | 0.6   | 0.2          | 0.0         | 0.4            | 0.4                             |
| ASHA                           | 0.0                  | (0.0)              | 13.6  | 1.8          | 4.4         | 10.5           | 9.5                             |
| Other community-based worker   | 0.0                  | (0.0)              | 0.0   | 0.0          | 0.0         | 0.0            | 0.0                             |
| Other public health sector     | 0.6                  | (0.0)              | 0.1   | 0.3          | 0.0         | 0.1            | 0.2                             |
| NGO or trust hospital/clinic   | 0.0                  | (0.0)              | 0.0   | 0.1          | 0.0         | 0.1            | 0.0                             |
| <b>Private health sector</b>   | 11.9                 | (0.0)              | 61.9  | 5.6          | 11.1        | 60.5           | 46.9                            |
| Private hospital               | 8.8                  | (0.0)              | 1.4   | 3.8          | 1.9         | 1.4            | 3.1                             |
| Private doctor/clinic          | 0.4                  | (0.0)              | 2.1   | 0.6          | 2.1         | 2.1            | 1.7                             |
| Private mobile clinic          | 0.0                  | (0.0)              | 0.4   | 0.0          | 0.0         | 0.1            | 0.3                             |
| Vaidya/Hakim/Homeopath (AYUSH) | 0.0                  | (0.0)              | 0.0   | 0.0          | 0.0         | 0.0            | 0.0                             |
| Traditional healer             | 0.0                  | (0.0)              | 0.1   | 0.0          | 0.0         | 0.4            | 0.1                             |
| Pharmacy/drugstore             | 0.0                  | (0.0)              | 57.8  | 0.8          | 6.5         | 56.5           | 41.1                            |
| Dai (TBA)                      | 0.0                  | (0.0)              | 0.0   | 0.0          | 0.0         | 0.0            | 0.0                             |
| Other private health sector    | 2.7                  | (0.0)              | 0.1   | 0.3          | 0.6         | 0.0            | 0.7                             |
| <b>Other source</b>            | 1.1                  | (0.0)              | 4.1   | 0.5          | 1.8         | 8.3            | 3.6                             |
| Shop                           | 0.0                  | (0.0)              | 1.1   | 0.4          | 0.0         | 0.9            | 0.8                             |
| Husband                        | 0.0                  | (0.0)              | 2.9   | 0.0          | 1.8         | 7.3            | 2.6                             |
| Friend/relative                | 0.0                  | (0.0)              | 0.1   | 0.0          | 0.0         | 0.1            | 0.1                             |
| Other                          | 1.1                  | (0.0)              | 0.0   | 0.1          | 0.0         | 0.0            | 0.2                             |
| Missing                        | 0.6                  | (0.0)              | 0.0   | 0.0          | 0.0         | 0.0            | 0.3                             |
| Total                          | 100.0                | 100.0              | 100.0 | 100.0        | 100.0       | 100.0          | 100.0                           |
| Number of users                | 2,430                | 26                 | 7,092 | 755          | 138         | 1,251          | 11,732                          |

Note: All information in this table is based on women's reports. Table includes all users of modern contraceptive methods regardless of their marital status. 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. All modern methods includes emergency contraception, which is not shown separately.

IUD = Intrauterine device; PPIUD = Postpartum intrauterine device; AYUSH = Ayurveda, yoga and naturopathy, unani, siddha and homeopathy; UHC = Urban health centre; UHP = Urban health post; UFWC = Urban family welfare centre; CHC = Community health centre; PHC = Primary health centre; ANM = Auxiliary nurse midwife; ICDS = Integrated Child Development Services; ASHA = Accredited Social Health Activist; NGO = Nongovernmental organization; TBA = Traditional birth attendant

<sup>1</sup> Excludes standard days method, lactational amenorrhoea method (LAM), and other modern methods

**Table 32 Informed choice**

Among women who are current users of selected modern contraceptive methods 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 ever told by a health or family planning worker about other methods of family planning they could use, and percentage who were informed of all three (Method Information Index) by method, according to residence, Assam, 2019-20

| Method                            | Percentage who were informed about side effects or problems of method used | Percentage who were informed about what to do if experienced side effects | Percentage who were informed by a health or family planning worker of other methods that could be used | Percentage who were informed about all three (Method Information Index) | Number of women |
|-----------------------------------|--|---|--|---|-----------------|
| URBAN                             |  |   |  |   |                 |
| Female sterilization <sup>1</sup> | 72.1   | 66.2  | 69.1   | 64.5  | 76              |
| Pill                              | 66.0   | 58.6  | 78.2   | 58.0  | 428             |
| IUD or PPIUD                      | (72.8)   | (67.6)  | (83.8)   | (65.2)  | 74              |
| Total                             | 67.7   | 60.7  | 77.7   | 59.8  | 578             |
| RURAL                             |  |   |  |   |                 |
| Female sterilization <sup>1</sup> | 69.2   | 61.4  | 71.8   | 57.3  | 526             |
| Pill                              | 69.7   | 62.5  | 77.4   | 61.4  | 3,819           |
| IUD or PPIUD                      | 76.4   | 72.2  | 77.1   | 68.3  | 440             |
| Total                             | 70.2   | 63.3  | 76.7   | 61.5  | 4,785           |
| TOTAL                             |  |   |  |   |                 |
| Female sterilization <sup>1</sup> | 69.6   | 62.0  | 71.5   | 58.2  | 602             |
| Pill                              | 69.3   | 62.1  | 77.4   | 61.0  | 4,248           |
| IUD or PPIUD                      | 75.9   | 71.6  | 78.1   | 67.8  | 514             |
| Total                             | 70.0   | 63.0  | 76.8   | 61.4  | 5,363           |

Note: Table includes only the contraceptive methods separately shown in the table and excludes users who obtained their method from friends/relatives or husband. Figures in parentheses are based on 25-49 unweighted cases.

IUD = Intrauterine device; PPIUD = Postpartum intrauterine device

<sup>1</sup> Among women who were sterilized in the 5 years preceding the survey

**Table 33 Twelve-month contraceptive discontinuation rates**

Among women age 15-49 who started an episode of contraceptive use within the 5 years preceding the survey, percentage of episodes discontinued within 12 months, by reason for discontinuation and specific method, Assam, 2019-20

| Method                                  | Reason for discontinuation |                           |   |                               |                              |  |              |                         | Switched to another method <sup>4</sup> | Number of episodes of use <sup>5</sup> |
|---|----------------------------|---------------------------|---|-------------------------------|------------------------------|--|--------------|-------------------------|---|--|
|   | Method failure             | Desire to become pregnant | Other fertility related reason <sup>1</sup> | Side effects/ health concerns | Wanted more effective method | Other method related reason <sup>2</sup> | Other reason | Any reason <sup>3</sup> |   |  |
| Pill                                    | 3.0                        | 6.5                       | 4.9   | 10.0                          | 2.7                          | 5.0                                      | 10.0         | 41.9                    | 4.2                                     | 8,538                                  |
| IUD or PPIUD                            | 0.7                        | 1.9                       | 0.6   | 6.4                           | 1.4                          | 3.2                                      | 3.0          | 17.1                    | 4.9                                     | 675                                    |
| Condom/ <i>Nirodh</i>                   | 2.5                        | 12.5                      | 7.4   | 4.9                           | 3.0                          | 17.1                                     | 18.1         | 65.6                    | 14.2                                    | 2,738                                  |
| Rhythm                                  | 3.9                        | 7.8                       | 9.3   | 2.4                           | 3.4                          | 5.2                                      | 16.2         | 48.2                    | 10.1                                    | 1,860                                  |
| Withdrawal                              | 4.5                        | 11.8                      | 9.4   | 6.1                           | 2.2                          | 7.6                                      | 12.1         | 53.8                    | 10.3                                    | 3,863                                  |
| Other <sup>6</sup>                      | 2.9                        | 2.6                       | 3.5   | 8.2                           | 18.3                         | 11.3                                     | 37.7         | 84.5                    | 35.1                                    | 257                                    |
| All modern spacing methods <sup>7</sup> | 2.7                        | 7.5                       | 5.1   | 8.6                           | 3.0                          | 7.7                                      | 11.9         | 46.6                    | 7.1                                     | 12,327                                 |
| All spacing methods <sup>8</sup>        | 3.2                        | 8.4                       | 6.5   | 7.4                           | 2.9                          | 7.4                                      | 12.4         | 48.3                    | 8.1                                     | 18,054                                 |
| All methods                             | 3.1                        | 8.1                       | 6.3   | 7.2                           | 2.8                          | 7.2                                      | 12.0         | 46.7                    | 7.9                                     | 18,691                                 |

Note: Figures are based on life table calculations using information on episodes of contraceptive use that occurred 3-62 months preceding the survey. All methods includes female, male sterilizations and injectables which are not shown separately.

IUD = Intrauterine device; PPIUD = Postpartum intrauterine device

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

<sup>4</sup> The episodes of use included in this column are a subset of the discontinued episodes included in the discontinuation rate. 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>5</sup> All episodes of use that occurred within the 5 years preceding the survey are included. Number of episodes of use includes both episodes of use that were discontinued during the period of observation and episodes of use that were not discontinued during the period of observation

<sup>6</sup> Includes female condom, diaphragm, foam/jelly, standard days method, lactational amenorrhoea method (LAM), and other modern and traditional methods that are not shown separately

<sup>7</sup> Includes pill, IUD/PPIUD, injectables, male condom, female condom, lactational amenorrhoea method (LAM), diaphragm, foam/jelly, and other modern spacing methods that are not shown separately

<sup>8</sup> Includes pill, IUD/PPIUD, injectables, male condom, female condom, lactational amenorrhoea method (LAM), diaphragm, foam/jelly, rhythm, withdrawal, and other modern spacing and traditional methods that are not shown separately

**Table 34 Men's contraception-related perceptions and knowledge**

Percentage of men age 15-49 who agree with two specific statements about women and contraception, and percent distribution of men according to their belief about the efficacy of condoms in preventing pregnancy, by background characteristics, Assam, 2019-20

| Background characteristic | Percentage of men who agree   |  | Percentage of men who say that if a male condom is used correctly, it protects against pregnancy: |           |            |                                | Total   | Number of men |
|---------------------------|---|--|---|-----------|------------|--------------------------------|---------|---------------|
|                           | Contraception is women's business and a man should not have to worry about it | Women who use contraception may become promiscuous | Most of the time  | Sometimes | Not at all | Don't know/unsure <sup>1</sup> |         |               |
| <b>Age</b>                |   |  |   |           |            |                                |         |               |
| 15-19                     | 16.6  | 14.7   | 50.8  | 25.3      | 1.4        | 22.5                           | 100.0   | 739           |
| 20-24                     | 19.9  | 14.2   | 55.7  | 32.6      | 0.3        | 11.5                           | 100.0   | 661           |
| 25-29                     | 21.2  | 14.1   | 55.7  | 33.5      | 2.0        | 8.8                            | 100.0   | 682           |
| 30-34                     | 21.2  | 14.1   | 58.6  | 34.1      | 1.0        | 6.3                            | 100.0   | 635           |
| 35-39                     | 20.9  | 16.1   | 59.5  | 31.0      | 1.2        | 8.2                            | 100.0   | 627           |
| 40-44                     | 17.4  | 11.1   | 61.1  | 32.5      | 0.6        | 5.9                            | 100.0   | 586           |
| 45-49                     | 19.9  | 17.6   | 59.5  | 33.6      | 1.6        | 5.3                            | 100.0   | 619           |
| <b>Residence</b>          |   |  |   |           |            |                                |         |               |
| Urban                     | 11.1  | 7.1  | 60.9  | 30.3      | 1.1        | 7.7                            | 100.0   | 715           |
| Rural                     | 21.2  | 16.0   | 56.3  | 31.9      | 1.2        | 10.6                           | 100.0   | 3,835         |
| <b>Schooling</b>          |   |  |   |           |            |                                |         |               |
| No schooling              | 22.8  | 14.1   | 55.2  | 33.0      | 1.3        | 10.5                           | 100.0   | 570           |
| <5 years complete         | 18.2  | 15.7   | 52.0  | 36.4      | 2.2        | 9.4                            | 100.0   | 471           |
| 5-9 years complete        | 20.1  | 14.8   | 56.1  | 30.5      | 1.3        | 12.2                           | 100.0   | 1,896         |
| 10-11 years complete      | 18.3  | 17.5   | 58.3  | 29.8      | 0.9        | 11.1                           | 100.0   | 567           |
| 12 or more years complete | 18.2  | 12.3   | 61.4  | 32.0      | 0.6        | 5.9                            | 100.0   | 1,046         |
| <b>Religion</b>           |   |  |   |           |            |                                |         |               |
| Hindu                     | 18.6  | 13.0   | 60.7  | 29.7      | 0.9        | 8.6                            | 100.0   | 2,838         |
| Muslim                    | 20.9  | 17.6   | 49.7  | 35.8      | 1.5        | 13.0                           | 100.0   | 1,576         |
| Christian                 | 27.3  | 12.2   | 62.0  | 27.0      | 1.0        | 10.0                           | 100.0   | 119           |
| Other                     | (4.1)   | (12.3)   | (83.7)  | (4.4)     | (4.1)      | (7.8)                          | (100.0) | 17            |
| <b>Caste/tribe</b>        |   |  |   |           |            |                                |         |               |
| Scheduled caste           | 13.3  | 10.5   | 60.4  | 29.2      | 1.0        | 9.5                            | 100.0   | 592           |
| Scheduled tribe           | 22.5  | 15.4   | 61.1  | 29.5      | 0.8        | 8.6                            | 100.0   | 646           |
| Other backward class      | 20.3  | 13.2   | 64.0  | 27.2      | 0.8        | 8.0                            | 100.0   | 1,166         |
| Other                     | 20.2  | 16.3   | 51.2  | 35.4      | 1.5        | 11.8                           | 100.0   | 2,133         |
| Total age 15-49           | 19.6  | 14.6   | 57.0  | 31.7      | 1.2        | 10.1                           | 100.0   | 4,551         |
| Age 50-54                 | 23.3  | 19.7   | 52.4  | 37.7      | 1.2        | 8.6                            | 100.0   | 422           |
| Total age 15-54           | 19.9  | 15.0   | 56.6  | 32.2      | 1.2        | 10.0                           | 100.0   | 4,973         |

Note: Figures in parentheses are based on 25-49 unweighted cases. Total includes men who don't know their cast/tribe, who are not shown separately.

<sup>1</sup> Includes missing values and those who never heard of male condoms

**Table 35 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, the total demand for family planning, and the percentage of the demand for contraception that is satisfied, by background characteristics, Assam, 2019-20

| 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                     | 13.8                           | 1.6          | 15.4        | 35.3   | 4.5          | 39.8        | 49.0  | 6.1          | 55.2        | 1,119           | 72.1  | 53.4  |
| 20-24                     | 10.8                           | 4.7          | 15.5        | 37.3   | 17.2         | 54.5        | 48.1  | 21.9         | 70.0        | 3,881           | 77.9  | 58.5  |
| 25-29                     | 5.5                            | 6.5          | 12.0        | 25.0   | 39.9         | 64.9        | 30.5  | 46.4         | 76.8        | 5,096           | 84.4  | 63.7  |
| 30-34                     | 3.0                            | 7.3          | 10.4        | 13.2   | 57.3         | 70.6        | 16.3  | 64.7         | 80.9        | 4,500           | 87.2  | 65.9  |
| 35-39                     | 1.2                            | 8.1          | 9.3         | 5.3  | 67.7         | 73.0        | 6.5   | 75.9         | 82.4        | 4,443           | 88.7  | 66.8  |
| 40-44                     | 0.4                            | 9.2          | 9.7         | 1.5  | 59.4         | 60.9        | 2.0   | 68.6         | 70.6        | 3,249           | 86.3  | 60.8  |
| 45-49                     | 0.1                            | 6.7          | 6.9         | 0.6  | 39.2         | 39.7        | 0.7   | 45.9         | 46.6        | 3,385           | 85.3  | 62.0  |
| <b>Residence</b>          |                                |              |             |  |              |             |   |              |             |                 |   |   |
| Urban                     | 3.1                            | 6.8          | 9.9         | 15.8   | 45.6         | 61.4        | 18.9  | 52.4         | 71.3        | 3,579           | 86.1  | 59.3  |
| Rural                     | 4.3                            | 6.8          | 11.1        | 15.6   | 45.1         | 60.7        | 19.9  | 51.9         | 71.8        | 22,094          | 84.5  | 63.8  |
| <b>Schooling</b>          |                                |              |             |  |              |             |   |              |             |                 |   |   |
| No schooling              | 2.2                            | 8.4          | 10.7        | 6.6  | 50.4         | 57.0        | 8.8   | 58.9         | 67.7        | 5,522           | 84.3  | 65.2  |
| <5 years complete         | 2.4                            | 8.3          | 10.7        | 8.6  | 52.6         | 61.2        | 11.0  | 61.0         | 72.0        | 2,781           | 85.1  | 67.2  |
| 5-9 years complete        | 4.7                            | 6.5          | 11.2        | 16.7   | 45.6         | 62.3        | 21.3  | 52.1         | 73.5        | 10,790          | 84.8  | 64.0  |
| 10-11 years complete      | 5.0                            | 5.7          | 10.7        | 21.5   | 40.8         | 62.3        | 26.5  | 46.5         | 73.0        | 2,833           | 85.3  | 61.3  |
| 12 or more years complete | 6.0                            | 5.0          | 11.0        | 26.8   | 33.9         | 60.7        | 32.8  | 39.0         | 71.8        | 3,747           | 84.6  | 56.1  |
| <b>Religion</b>           |                                |              |             |  |              |             |   |              |             |                 |   |   |
| Hindu                     | 4.2                            | 6.1          | 10.3        | 15.9   | 45.2         | 61.1        | 20.1  | 51.3         | 71.4        | 15,580          | 85.6  | 60.0  |
| Muslim                    | 4.0                            | 8.2          | 12.2        | 15.3   | 44.9         | 60.1        | 19.3  | 53.0         | 72.3        | 9,346           | 83.1  | 68.5  |
| Christian                 | 3.8                            | 6.3          | 10.2        | 15.8   | 47.7         | 63.5        | 19.6  | 54.1         | 73.7        | 685             | 86.2  | 61.9  |
| Other                     | 3.0                            | 2.4          | 5.3         | 10.0   | 42.6         | 52.5        | 12.9  | 44.9         | 57.9        | 61              | 90.8  | 56.5  |
| <b>Caste/tribe</b>        |                                |              |             |  |              |             |   |              |             |                 |   |   |
| Scheduled caste           | 4.3                            | 6.2          | 10.5        | 14.0   | 46.1         | 60.1        | 18.3  | 52.3         | 70.6        | 3,310           | 85.2  | 65.5  |
| Scheduled tribe           | 3.9                            | 6.3          | 10.2        | 16.5   | 46.7         | 63.2        | 20.4  | 53.0         | 73.3        | 3,246           | 86.2  | 59.4  |
| Other backward class      | 4.7                            | 5.8          | 10.4        | 16.8   | 44.6         | 61.4        | 21.4  | 50.4         | 71.8        | 6,491           | 85.5  | 57.3  |
| Other                     | 3.9                            | 7.7          | 11.5        | 15.3   | 44.8         | 60.1        | 19.2  | 52.5         | 71.6        | 12,554          | 83.9  | 66.6  |
| Don't know                | 5.3                            | 10.0         | 15.2        | 13.2   | 41.3         | 54.5        | 18.5  | 51.3         | 69.8        | 71              | 78.2  | 61.5  |
| <b>Total</b>              | <b>4.1</b>                     | <b>6.8</b>   | <b>11.0</b> | <b>15.6</b>                                    | <b>45.2</b>  | <b>60.8</b> | <b>19.8</b>                                   | <b>52.0</b>  | <b>71.8</b> | <b>25,673</b>   | <b>84.7</b>                                 | <b>63.2</b>   |

Note: Numbers in this table correspond to the revised definition of unmet need described in Bradley et al., 2012, Revising Unmet Need for Family Planning, DHS Analytical Studies No. 25, ICF International, Calverton, Maryland, USA.

<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, pill, IUD/PPIUD, injectables, male condom, female condom, standard days method, diaphragm, foam/jelly, lactational amenorrhoea method (LAM), other modern methods



**Table 36 Unmet need for family planning by district**

Percentage of currently married women age 15-49 with unmet need for family planning by district and total for NFHS-4, Assam, 2019-20

| District                | Total unmet need | Unmet need for spacing | Unmet need for limiting | Number of women |
|-------------------------|------------------|------------------------|-------------------------|-----------------|
| Baksa                   | 12.5             | 5.7                    | 6.9                     | 859             |
| Barpeta                 | 12.3             | 3.9                    | 8.4                     | 1,449           |
| Biswanath               | 5.3              | 1.4                    | 3.9                     | 368             |
| Bongaigaon              | 16.1             | 5.1                    | 11.0                    | 594             |
| Cachar                  | 15.6             | 6.9                    | 8.8                     | 1,545           |
| Charaideo               | 8.3              | 3.7                    | 4.5                     | 361             |
| Chirang                 | 9.8              | 3.7                    | 6.1                     | 385             |
| Darrang                 | 14.8             | 5.8                    | 9.0                     | 755             |
| Dhemaji                 | 7.1              | 3.5                    | 3.6                     | 545             |
| Dhubri                  | 11.5             | 4.0                    | 7.4                     | 1,194           |
| Dibrugarh               | 8.7              | 4.8                    | 4.0                     | 1,126           |
| Dima Hasao              | 9.7              | 2.6                    | 7.1                     | 151             |
| Goalpara                | 7.4              | 2.2                    | 5.3                     | 802             |
| Golaghat                | 10.9             | 4.7                    | 6.2                     | 879             |
| Hailakandi              | 8.6              | 4.2                    | 4.4                     | 600             |
| Hojai                   | 13.2             | 4.9                    | 8.3                     | 190             |
| Jorhat                  | 10.4             | 3.2                    | 7.2                     | 784             |
| Kamrup                  | 17.6             | 7.7                    | 10.0                    | 1,251           |
| Kamrup Metropolitan     | 8.8              | 2.5                    | 6.3                     | 983             |
| Karbi Anglong           | 9.3              | 2.3                    | 7.0                     | 491             |
| Karimganj               | 8.6              | 4.2                    | 4.4                     | 1,027           |
| Kokrajhar               | 10.0             | 3.7                    | 6.3                     | 747             |
| Lakhimpur               | 9.8              | 4.5                    | 5.3                     | 750             |
| Majuli                  | 11.6             | 4.7                    | 6.9                     | 125             |
| Morigaon                | 6.5              | 1.9                    | 4.6                     | 818             |
| Nagaon                  | 12.3             | 3.1                    | 9.2                     | 2,255           |
| Nalbari                 | 13.2             | 4.8                    | 8.4                     | 644             |
| Sivasagar               | 8.3              | 3.2                    | 5.1                     | 568             |
| Sonitpur                | 5.8              | 2.0                    | 3.7                     | 1,063           |
| South Salmara Mancachar | 8.0              | 1.7                    | 6.3                     | 507             |
| Tinsukia                | 11.0             | 4.4                    | 6.6                     | 987             |
| Udalguri                | 14.6             | 6.4                    | 8.2                     | 665             |
| West Karbi Anglong      | 7.1              | 3.2                    | 3.9                     | 204             |
| Assam                   | 11.0             | 4.1                    | 6.8                     | 25,673          |
| NFHS-4 (2015-16)        | 14.2             | 5.8                    | 8.4                     | 20,556          |

Note: Numbers in this table correspond to the revised definition of unmet need described in Bradley et al., 2012, Revising Unmet Need for Family Planning, DHS Analytical Studies No. 25, ICF International Calverton, Maryland, USA.

**Table 37 Hysterectomy**

Percentage of women age 15-49 who have had a hysterectomy, and among women with a hysterectomy, median age at the time of hysterectomy and percent distribution by place the hysterectomy was performed, according to background characteristics, Assam, 2019-20

| Background characteristic | Percentage of women who have had a hysterectomy | Number of women | Median age at time of hysterectomy | Number of women who reported age at hysterectomy | Place of hysterectomy                            |  |   | Total        | Number of women with a hysterectomy |
|---------------------------|---|-----------------|------------------------------------|--|--|--|---|--------------|-------------------------------------|
|                           |   |                 |                                    |  | Percentage performed in the public health sector | Percentage performed in the private health sector <sup>1</sup> | Percentage performed elsewhere or don't know where it was performed |              |                                     |
| <b>Age</b>                |   |                 |                                    |  |  |  |   |              |                                     |
| 15-29                     | 0.1   | 17,357          | *                                  | 16   | *  | *  | *   | 100.0        | 16                                  |
| 30-39                     | 1.0   | 9,822           | 29.3                               | 98   | 72.7   | 27.3   | 0.0   | 100.0        | 98                                  |
| 40-49                     | 3.4   | 7,800           | 35.6                               | 264  | 77.6   | 22.4   | 0.0   | 100.0        | 268                                 |
| <b>Residence</b>          |   |                 |                                    |  |  |  |   |              |                                     |
| Urban                     | 1.8   | 5,239           | 35.0                               | 93   | 58.9   | 41.1   | 0.0   | 100.0        | 93                                  |
| Rural                     | 1.0   | 29,740          | 32.4                               | 285  | 82.5   | 17.5   | 0.0   | 100.0        | 289                                 |
| <b>Schooling</b>          |   |                 |                                    |  |  |  |   |              |                                     |
| No schooling              | 1.9   | 6,495           | 32.5                               | 119  | 88.8   | 11.2   | 0.0   | 100.0        | 121                                 |
| <5 years complete         | 1.4   | 3,254           | (31.6)                             | 46   | (93.5)   | (6.5)  | (0.0)   | 100.0        | 46                                  |
| 5-9 years complete        | 0.9   | 14,886          | 31.9                               | 131  | 74.5   | 25.5   | 0.0   | 100.0        | 131                                 |
| 10-11 years complete      | 0.9   | 4,347           | (34.8)                             | 38   | (65.5)   | (34.5)   | (0.0)   | 100.0        | 40                                  |
| 12 or more years complete | 0.7   | 5,997           | (35.5)                             | 44   | (43.4)   | (56.6)   | (0.0)   | 100.0        | 44                                  |
| <b>Religion</b>           |   |                 |                                    |  |  |  |   |              |                                     |
| Hindu                     | 1.4   | 21,673          | 32.8                               | 304  | 77.1   | 22.9   | 0.0   | 100.0        | 306                                 |
| Muslim                    | 0.5   | 12,166          | 33.2                               | 64   | 77.3   | 22.7   | 0.0   | 100.0        | 65                                  |
| Christian                 | 0.9   | 1,042           | *                                  | 9  | *  | *  | *   | 100.0        | 9                                   |
| Other                     | 0.6   | 97              | *                                  | 1  | *  | *  | *   | 100.0        | 1                                   |
| <b>Caste/tribe</b>        |   |                 |                                    |  |  |  |   |              |                                     |
| Scheduled caste           | 1.1   | 4,593           | (35.2)                             | 52   | (82.6)   | (17.4)   | (0.0)   | 100.0        | 52                                  |
| Scheduled tribe           | 1.2   | 4,452           | 33.2                               | 50   | 81.5   | 18.5   | 0.0   | 100.0        | 52                                  |
| Other backward class      | 1.4   | 9,047           | 31.1                               | 130  | 75.7   | 24.3   | 0.0   | 100.0        | 130                                 |
| Other                     | 0.9   | 16,796          | 34.1                               | 144  | 74.4   | 25.6   | 0.0   | 100.0        | 147                                 |
| Don't know                | 0.9   | 91              | *                                  | 1  | *  | *  | *   | 100.0        | 1                                   |
| <b>Total</b>              | <b>1.1</b>                                      | <b>34,979</b>   | <b>32.9</b>                        | <b>378</b>                                       | <b>76.8</b>                                      | <b>23.2</b>  | <b>0.0</b>  | <b>100.0</b> | <b>382</b>                          |

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 nongovernmental organization or trust hospital/clinic

**Table 38 Pregnancy outcome**

Percent distribution of last pregnancies among women age 15-49 during the 5 years preceding the survey by pregnancy outcome, according to background characteristics, Assam, 2019-20

| Background characteristic   | Pregnancy outcome |          |             |            | Total | Number of pregnancies |
|-----------------------------|-------------------|----------|-------------|------------|-------|-----------------------|
|                             | Live birth        | Abortion | Miscarriage | Stillbirth |       |                       |
| <b>Mother's current age</b> |                   |          |             |            |       |                       |
| 15-19                       | 89.4              | 2.9      | 7.3         | 0.4        | 100.0 | 491                   |
| 20-29                       | 90.9              | 4.3      | 4.2         | 0.7        | 100.0 | 6,232                 |
| 30-39                       | 87.8              | 6.5      | 5.3         | 0.4        | 100.0 | 2,901                 |
| 40-49                       | 76.3              | 10.8     | 10.8        | 2.1        | 100.0 | 298                   |
| <b>Residence</b>            |                   |          |             |            |       |                       |
| Urban                       | 87.4              | 6.2      | 6.2         | 0.3        | 100.0 | 1,173                 |
| Rural                       | 89.8              | 4.9      | 4.7         | 0.7        | 100.0 | 8,749                 |
| <b>Mother's schooling</b>   |                   |          |             |            |       |                       |
| No schooling                | 91.3              | 3.2      | 4.8         | 0.7        | 100.0 | 1,552                 |
| <5 years complete           | 90.8              | 4.0      | 4.4         | 0.7        | 100.0 | 999                   |
| 5-9 years complete          | 88.8              | 5.8      | 4.7         | 0.7        | 100.0 | 4,547                 |
| 10-11 years complete        | 88.0              | 5.9      | 5.6         | 0.6        | 100.0 | 1,180                 |
| 12 or more years complete   | 89.8              | 4.6      | 5.1         | 0.5        | 100.0 | 1,643                 |
| <b>Religion</b>             |                   |          |             |            |       |                       |
| Hindu                       | 87.2              | 6.4      | 5.7         | 0.7        | 100.0 | 5,475                 |
| Muslim                      | 92.6              | 3.3      | 3.6         | 0.5        | 100.0 | 4,187                 |
| Christian                   | 87.4              | 4.3      | 6.7         | 1.6        | 100.0 | 240                   |
| <b>Caste/tribe</b>          |                   |          |             |            |       |                       |
| Scheduled caste             | 91.1              | 4.2      | 4.1         | 0.5        | 100.0 | 1,172                 |
| Scheduled tribe             | 85.1              | 7.9      | 6.5         | 0.5        | 100.0 | 1,144                 |
| Other backward class        | 86.2              | 6.6      | 6.2         | 1.0        | 100.0 | 2,386                 |
| Other                       | 91.6              | 3.9      | 4.0         | 0.5        | 100.0 | 5,188                 |
| Total                       | 89.5              | 5.0      | 4.8         | 0.6        | 100.0 | 9,922                 |

Note: Total includes women belonging to other religions and who don't know their cast/tribe, who are not shown separately.

**Table 39 Characteristics of abortions**

Among women age 15-49 whose last pregnancy in the last 5 years ended in an abortion, percent distribution by main reason for abortion, method of abortion, place of abortion and person who performed the abortion, percentage who had complications from the abortion, and among women who had complications, percentage who sought treatment for the complications, and among women who sought treatment for the complications, percent distribution of the place of treatment, according to residence, Assam, 2019-20

| Characteristic of abortion   | Urban   | Rural | Total |
|--|---------|-------|-------|
| <b>Main reason for abortion</b>  |         |       |       |
| Unplanned pregnancy  | (51.1)  | 65.0  | 63.0  |
| Contraceptive failure  | (6.2)   | 2.5   | 3.0   |
| Complications in pregnancy   | (7.6)   | 4.3   | 4.7   |
| Health did not permit  | (4.4)   | 6.7   | 6.4   |
| Female foetus  | (0.0)   | 0.2   | 0.1   |
| Male foetus  | (0.0)   | 0.0   | 0.0   |
| Economic reasons   | (9.5)   | 4.4   | 5.2   |
| Last child too young   | (15.1)  | 9.9   | 10.6  |
| Foetus had congenital abnormality  | (0.0)   | 0.3   | 0.3   |
| Husband/mother in law did not want   | (4.6)   | 4.1   | 4.2   |
| Other  | (1.5)   | 2.6   | 2.4   |
| Total  | (100.0) | 100.0 | 100.0 |
| <b>Method of abortion</b>  |         |       |       |
| Medicines  | (38.4)  | 51.1  | 49.3  |
| MVA  | (35.7)  | 20.7  | 22.9  |
| Other surgical   | (25.9)  | 26.6  | 26.5  |
| Other  | (0.0)   | 0.0   | 0.0   |
| Don't know   | (0.0)   | 1.6   | 1.4   |
| Total  | (100.0) | 100.0 | 100.0 |
| <b>Place of abortion</b>   |         |       |       |
| Public health sector   | (29.3)  | 51.1  | 47.9  |
| Private health sector <sup>1</sup>   | (42.7)  | 23.6  | 26.4  |
| At home  | (28.0)  | 24.9  | 25.3  |
| Other  | (0.0)   | 0.4   | 0.3   |
| Total  | (100.0) | 100.0 | 100.0 |
| <b>Person who performed the abortion</b>   |         |       |       |
| Doctor   | (76.1)  | 62.1  | 64.1  |
| Nurse/ANM/LHV  | (0.0)   | 8.1   | 6.9   |
| Dai (TBA)  | (0.0)   | 0.8   | 0.7   |
| Family member/relative/friend  | (0.0)   | 0.6   | 0.5   |
| Self   | (23.9)  | 27.7  | 27.1  |
| Other  | (0.0)   | 0.7   | 0.6   |
| Total  | (100.0) | 100.0 | 100.0 |
| <b>Complications from the abortion</b>   |         |       |       |
| Percentage of women who had complications from the abortion  | (21.0)  | 16.6  | 17.2  |
| Number of women with abortions   | 72      | 428   | 500   |
| <b>Treatment for the complications</b>   |         |       |       |
| Percentage of women with complications from an abortion who sought treatment for the complications | *       | 90.8  | 91.1  |
| Number of women with complications   | 15      | 71    | 86    |
| <b>Place of treatment</b>  |         |       |       |
| Public health sector   | *       | 62.2  | 52.3  |
| Private health sector <sup>1</sup>   | *       | 31.4  | 42.4  |
| At home  | *       | 2.7   | 2.2   |
| Total  | 100.0   | 96.4  | 97.0  |
| Number of women who sought treatment   | 14      | 65    | 79    |

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

MVA = Manual vacuum aspiration; ANM = Auxiliary nurse midwife; LHV = Lady health visitor; TBA = Traditional birth attendant

<sup>1</sup> Includes nongovernmental organization or trust hospital/clinic

**Table 40 Age at first marriage**

Percentage of women age 15-49 and men age 15-54 who were first married by specific exact ages, percentage never married, and median age at first marriage, first cohabitation with spouse, and first sexual intercourse, according to current age, Assam, 2019-20

| Current age  | Percentage first married by exact age: |      |      |      |      | Percentage never married | Number of respondents | Median age at first marriage | Median age at first cohabitation | Median age at first sex |
|--------------|--|------|------|------|------|--------------------------|-----------------------|------------------------------|----------------------------------|-------------------------|
|              | 15                                     | 18   | 20   | 21   | 25   |                          |                       |                              |                                  |                         |
| <b>WOMEN</b> |  |      |      |      |      |                          |                       |                              |                                  |                         |
| 15-19        | 2.1                                    | na   | na   | na   | na   | 80.0                     | 5,680                 | a                            | a                                | a                       |
| 20-24        | 7.4                                    | 31.8 | 51.9 | na   | na   | 31.7                     | 5,764                 | 19.8                         | 19.8                             | 19.8                    |
| 25-29        | 9.2                                    | 33.5 | 53.3 | 61.5 | 81.3 | 11.7                     | 5,912                 | 19.7                         | 19.6                             | 19.6                    |
| 30-34        | 11.6                                   | 35.5 | 52.1 | 60.1 | 81.0 | 5.8                      | 4,982                 | 19.7                         | 19.7                             | 19.6                    |
| 35-39        | 9.3                                    | 34.5 | 53.1 | 60.6 | 80.8 | 3.0                      | 4,839                 | 19.6                         | 19.6                             | 19.5                    |
| 40-44        | 11.2                                   | 34.2 | 51.5 | 59.3 | 79.9 | 3.4                      | 3,730                 | 19.8                         | 19.8                             | 19.7                    |
| 45-49        | 10.4                                   | 31.2 | 49.3 | 56.4 | 77.2 | 3.1                      | 4,070                 | 20.1                         | 19.9                             | 19.8                    |
| 20-49        | 9.7                                    | 33.5 | 52.0 | na   | na   | 10.9                     | 29,299                | 19.8                         | 19.7                             | 19.7                    |
| 25-49        | 10.3                                   | 33.9 | 52.0 | 59.8 | 80.2 | 5.8                      | 23,534                | 19.8                         | 19.7                             | 19.6                    |
| <b>MEN</b>   |  |      |      |      |      |                          |                       |                              |                                  |                         |
| 15-19        | 0.0                                    | na   | na   | na   | na   | 98.6                     | 739                   | a                            | a                                | a                       |
| 20-24        | 0.0                                    | 1.8  | 8.2  | na   | na   | 74.5                     | 661                   | a                            | a                                | a                       |
| 25-29        | 0.5                                    | 5.1  | 14.6 | 21.8 | 46.7 | 42.1                     | 682                   | a                            | a                                | 25.0                    |
| 30-34        | 0.7                                    | 4.5  | 11.6 | 17.2 | 40.9 | 19.7                     | 635                   | 26.6                         | 26.6                             | 26.1                    |
| 35-39        | 0.4                                    | 3.7  | 9.8  | 15.3 | 42.9 | 8.2                      | 627                   | 26.2                         | 26.2                             | 26.2                    |
| 40-44        | 0.2                                    | 3.0  | 10.1 | 14.8 | 38.8 | 3.6                      | 586                   | 26.7                         | 26.5                             | 26.3                    |
| 45-49        | 0.2                                    | 2.9  | 9.8  | 12.5 | 35.1 | 2.8                      | 619                   | 27.3                         | 27.2                             | 27.1                    |
| 50-54        | 0.5                                    | 2.9  | 7.5  | 11.2 | 33.7 | 1.7                      | 422                   | 27.6                         | 27.4                             | 27.5                    |
| 20-49        | 0.3                                    | 3.5  | 10.7 | na   | na   | 26.1                     | 3,812                 | a                            | a                                | a                       |
| 25-49        | 0.4                                    | 3.9  | 11.3 | 16.5 | 41.0 | 15.9                     | 3,150                 | a                            | a                                | a                       |

Note: Total includes women who belongs to age group 50-54, who are not shown separately.

na = Not applicable due to censoring

a = Omitted because less than 50 percent of the women or men were married, began living with their spouse, or had sexual intercourse for the first time before reaching the beginning of the age group.

**Table 41 Early childhood mortality rates**

Neonatal, postneonatal, infant, child, and under-five mortality rates for five-year periods preceding the survey and for 0-4 years before NFHS-4 and NFHS-3, by residence, Assam, 2019-20

| Years preceding the survey | Neonatal mortality (NN) | Postneonatal mortality <sup>1</sup> (PNN) | Infant mortality ( <sub>1</sub> q <sub>0</sub> ) | Child mortality ( <sub>4</sub> q <sub>1</sub> ) | Under-five mortality ( <sub>5</sub> q <sub>0</sub> ) |
|----------------------------|-------------------------|---|--|---|--|
| URBAN                      |                         |   |  |   |  |
| 0-4                        | 15.2                    | 7.6                                       | 22.7   | 10.5  | 33.0   |
| 5-9                        | 14.2                    | 8.2                                       | 22.4   | 3.7   | 26.1   |
| 10-14                      | 18.7                    | 8.8                                       | 27.4   | 5.9   | 33.1   |
| NFHS-4 (0-4)               | 15.9                    | 12.5                                      | 28.3   | 11.7  | 39.7   |
| NFHS-3 (0-4)               | (54.7)                  | (3.1)                                     | (57.8)   | (14.9)  | (71.8)   |
| RURAL                      |                         |   |  |   |  |
| 0-4                        | 23.4                    | 9.7                                       | 33.1   | 7.1   | 39.9   |
| 5-9                        | 22.5                    | 9.4                                       | 31.9   | 5.8   | 37.5   |
| 10-14                      | 24.8                    | 8.9                                       | 33.6   | 9.9   | 43.2   |
| NFHS-4 (0-4)               | 34.8                    | 15.1                                      | 49.9   | 9.0   | 58.5   |
| NFHS-3 (0-4)               | 44.3                    | 23.0                                      | 67.2   | 21.0  | 86.8   |
| TOTAL                      |                         |   |  |   |  |
| 0-4                        | 22.5                    | 9.5                                       | 31.9   | 7.4   | 39.1   |
| 5-9                        | 21.7                    | 9.2                                       | 30.9   | 5.6   | 36.4   |
| 10-14                      | 24.1                    | 8.9                                       | 32.9   | 9.4   | 42.1   |
| NFHS-4 (0-4)               | 32.9                    | 14.8                                      | 47.7   | 9.3   | 56.6   |
| NFHS-3 (0-4)               | 45.5                    | 20.6                                      | 66.1   | 20.2  | 85.0   |

Note: All estimates are for the 5 years preceding the survey (approximately 2001-2005 for NFHS-3, 2011-2015 for NFHS-4 and 2015-2019 for NFHS-5). Figures in parentheses are based on 250-499 person-years of exposure to the risk of death.

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

**Table 42 Early childhood mortality rates by background characteristics**

Neonatal, postneonatal, infant, child, and under-five mortality rates for the five-year period preceding the survey, by background characteristics, Assam, 2019-20

| Background characteristic                  | Neonatal mortality (NN) | Postneonatal mortality <sup>1</sup> (PNN) | Infant mortality (1q0) | Child mortality (4q1) | Under-five mortality (5q0) |
|--|-------------------------|---|------------------------|-----------------------|----------------------------|
| <b>Schooling</b>                           |                         |   |                        |                       |                            |
| No schooling                               | 30.3                    | 13.1                                      | 43.4                   | 9.8                   | 52.9                       |
| <10 years complete                         | 24.4                    | 10.6                                      | 35.0                   | 8.2                   | 42.8                       |
| 10 or more years complete                  | 13.3                    | 4.5                                       | 17.8                   | 3.4                   | 21.1                       |
| <b>Religion</b>                            |                         |   |                        |                       |                            |
| Hindu                                      | 22.5                    | 9.1                                       | 31.6                   | 6.6                   | 37.9                       |
| Muslim                                     | 22.5                    | 9.3                                       | 31.8                   | 8.6                   | 40.2                       |
| Christian                                  | (24.7)                  | (20.0)                                    | (44.6)                 | (3.7)                 | (48.2)                     |
| <b>Caste/tribe</b>                         |                         |   |                        |                       |                            |
| Scheduled caste                            | 23.3                    | 12.0                                      | 35.3                   | 7.2                   | 42.2                       |
| Scheduled tribe                            | 16.2                    | 17.7                                      | 33.9                   | 7.7                   | 41.3                       |
| Other backward class                       | 27.7                    | 6.7                                       | 34.4                   | 4.8                   | 39.1                       |
| Other                                      | 21.5                    | 8.5                                       | 30.0                   | 8.5                   | 38.3                       |
| <b>Child's sex</b>                         |                         |   |                        |                       |                            |
| Male                                       | 28.4                    | 9.8                                       | 38.2                   | 8.4                   | 46.3                       |
| Female                                     | 16.3                    | 9.1                                       | 25.4                   | 6.4                   | 31.6                       |
| <b>Mother's age at birth</b>               |                         |   |                        |                       |                            |
| <20  | 20.7                    | 12.8                                      | 33.5                   | 13.2                  | 46.2                       |
| 20-29                                      | 22.0                    | 8.2                                       | 30.2                   | 5.1                   | 35.1                       |
| 30-39                                      | 25.5                    | 10.3                                      | 35.8                   | 9.7                   | 45.1                       |
| <b>Birth order</b>                         |                         |   |                        |                       |                            |
| 1  | 21.4                    | 7.5                                       | 28.9                   | 6.5                   | 35.3                       |
| 2-3  | 20.9                    | 9.8                                       | 30.7                   | 7.2                   | 37.7                       |
| 4 or more                                  | 33.7                    | 16.0                                      | 49.7                   | 11.4                  | 60.5                       |
| <b>Previous birth interval<sup>2</sup></b> |                         |   |                        |                       |                            |
| <2 years                                   | 44.8                    | 20.7                                      | 65.5                   | 15.2                  | 79.7                       |
| 2-3 years                                  | 18.3                    | 11.6                                      | 29.9                   | 6.7                   | 36.4                       |
| 4 years or more                            | 22.3                    | 7.8                                       | 30.0                   | 7.3                   | 37.1                       |
| Total                                      | 22.5                    | 9.5                                       | 31.9                   | 7.4                   | 39.1                       |

Note: Figures in parentheses are based on 250-499 unweighted person-years of exposure to the risk of death. Total includes children with mother's age at birth 40-49, Christians children and children whose caste/tribe is not known, who are not shown separately

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

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

**Table 43 High-risk fertility behaviour**

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, Assam, 2019-20

| Risk category   | Births in the 5 years preceding the survey |            | Percentage of currently married women <sup>1</sup> |
|---|--|------------|--|
|   | Percentage of births                       | Risk ratio |  |
| Not in any high-risk category                                     | 38.6                                       | 1.0        | 37.0 <sup>a</sup>                                  |
| <b>Unavoidable risk category</b>                                  |  |            |  |
| First order births between ages 18 and 34 years                   | 38.1                                       | 1.0        | 8.3  |
| <b>Single high-risk category</b>                                  |  |            |  |
| Mother's age <18  | 5.3  | 1.6        | 0.3  |
| Mother's age >34  | 2.5  | 1.3        | 19.5   |
| Birth interval <24 months   | 4.7  | 1.8        | 7.2  |
| Birth order >3  | 6.6  | 1.2        | 6.2  |
| Subtotal  | 19.1                                       | 1.5        | 33.2   |
| <b>Multiple high-risk category</b>                                |  |            |  |
| Mother's age <18 and birth interval <24 months <sup>2</sup>       | 0.2  | *          | 0.0  |
| Mother's age >34 and birth interval <24 months                    | 0.1  | *          | 0.3  |
| Mother's age >34 and birth order >3                               | 2.3  | 2.3        | 19.0   |
| Mother's age >34 and birth interval <24 months and birth order >3 | 0.2  | (5.7)      | 0.4  |
| Birth interval <24 months and birth order >3                      | 1.3  | 2.5        | 1.7  |
| Subtotal  | 4.2  | 2.5        | 21.4   |
| In any avoidable high-risk category                               | 23.3                                       | 1.7        | 54.6   |
| Total   | 100.0                                      | na         | 100.0  |
| Number of births  | 10,681                                     | na         | 25,673   |

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. 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> 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 greater than 34 years and 2 months, latest birth less than 15 months ago, or latest birth of order 3 or higher

<sup>2</sup> Includes the category age <18 and birth order >3

<sup>a</sup> Includes sterilized women



**Table 44 Antenatal care**

Percent distribution of women who had a live birth in the 5 years preceding the survey by antenatal care (ANC) provider during pregnancy for the most recent live birth and percentage receiving ANC from a skilled provider, according to background characteristics, Assam, 2019-20

| Background characteristic    | Doctor | ANM/<br>nurse/<br>midwife/<br>LHV | Dai (TBA) | Anganwadi/<br>ICDS worker | Community/<br>village<br>health<br>worker | ASHA | Other | No ANC | Total | Number<br>of<br>women | Percentage<br>receiving<br>ANC from<br>a skilled<br>provider <sup>1</sup> |
|------------------------------|--------|-----------------------------------|-----------|---------------------------|---|------|-------|--------|-------|-----------------------|---|
| <b>Mother's age at birth</b> |        |                                   |           |                           |   |      |       |        |       |                       |   |
| <20                          | 57.4   | 25.9                              | 0.8       | 0.9                       | 0.3                                       | 9.9  | 0.1   | 4.7    | 100.0 | 1,444                 | 83.3  |
| 20-34                        | 60.4   | 25.5                              | 0.4       | 0.9                       | 0.2                                       | 8.6  | 0.1   | 3.9    | 100.0 | 7,324                 | 85.9  |
| 35-49                        | 56.0   | 22.5                              | 0.7       | 1.4                       | 0.2                                       | 10.1 | 0.3   | 8.7    | 100.0 | 506                   | 78.6  |
| <b>Birth order</b>           |        |                                   |           |                           |   |      |       |        |       |                       |   |
| 1                            | 65.6   | 22.9                              | 0.3       | 0.6                       | 0.3                                       | 7.0  | 0.1   | 3.2    | 100.0 | 3,873                 | 88.5  |
| 2-3                          | 58.6   | 26.1                              | 0.7       | 1.2                       | 0.2                                       | 9.0  | 0.1   | 4.2    | 100.0 | 4,402                 | 84.7  |
| 4 or more                    | 41.8   | 31.8                              | 0.4       | 0.8                       | 0.2                                       | 15.8 | 0.0   | 9.1    | 100.0 | 999                   | 73.6  |
| <b>Residence</b>             |        |                                   |           |                           |   |      |       |        |       |                       |   |
| Urban                        | 77.9   | 16.8                              | 0.1       | 0.2                       | 0.0                                       | 1.8  | 0.1   | 3.0    | 100.0 | 1,071                 | 94.7  |
| Rural                        | 57.3   | 26.5                              | 0.5       | 1.0                       | 0.2                                       | 9.8  | 0.1   | 4.5    | 100.0 | 8,204                 | 83.8  |
| <b>Schooling</b>             |        |                                   |           |                           |   |      |       |        |       |                       |   |
| No schooling                 | 45.2   | 30.6                              | 0.9       | 1.5                       | 0.4                                       | 12.1 | 0.2   | 9.1    | 100.0 | 1,468                 | 75.9  |
| <5 years complete            | 53.9   | 31.0                              | 0.4       | 0.6                       | 0.3                                       | 10.0 | 0.0   | 3.6    | 100.0 | 932                   | 84.9  |
| 5-9 years complete           | 58.3   | 26.4                              | 0.6       | 1.0                       | 0.2                                       | 9.5  | 0.1   | 4.0    | 100.0 | 4,245                 | 84.7  |
| 10-11 years complete         | 66.9   | 22.1                              | 0.3       | 0.5                       | 0.2                                       | 7.5  | 0.1   | 2.3    | 100.0 | 1,100                 | 89.0  |
| 12 or more years complete    | 75.8   | 16.5                              | 0.1       | 0.4                       | 0.1                                       | 4.5  | 0.0   | 2.5    | 100.0 | 1,530                 | 92.3  |
| <b>Religion</b>              |        |                                   |           |                           |   |      |       |        |       |                       |   |
| Hindu                        | 67.9   | 21.9                              | 0.2       | 0.6                       | 0.2                                       | 6.1  | 0.1   | 3.1    | 100.0 | 5,021                 | 89.8  |
| Muslim                       | 48.9   | 30.1                              | 0.9       | 1.3                       | 0.3                                       | 12.6 | 0.1   | 5.8    | 100.0 | 4,014                 | 78.9  |
| Christian                    | 69.5   | 19.3                              | 0.3       | 0.0                       | 0.1                                       | 4.5  | 0.0   | 6.3    | 100.0 | 224                   | 88.7  |
| <b>Caste/tribe</b>           |        |                                   |           |                           |   |      |       |        |       |                       |   |
| Scheduled caste              | 56.8   | 24.9                              | 0.3       | 1.1                       | 0.0                                       | 12.3 | 0.2   | 4.5    | 100.0 | 1,097                 | 81.7  |
| Scheduled tribe              | 71.0   | 19.4                              | 0.1       | 0.4                       | 0.1                                       | 5.5  | 0.0   | 3.6    | 100.0 | 1,035                 | 90.4  |
| Other backward class         | 70.6   | 22.0                              | 0.1       | 0.5                       | 0.2                                       | 4.0  | 0.0   | 2.5    | 100.0 | 2,177                 | 92.6  |
| Other                        | 53.3   | 28.1                              | 0.8       | 1.2                       | 0.3                                       | 11.1 | 0.1   | 5.2    | 100.0 | 4,936                 | 81.4  |
| Total                        | 59.7   | 25.4                              | 0.5       | 0.9                       | 0.2                                       | 8.9  | 0.1   | 4.3    | 100.0 | 9,275                 | 85.1  |

Note: If more than one source of ANC was mentioned, only the provider with the highest qualification is considered in this table. Total includes women belonging to other religions and who don't know their cast/tribe, who are not shown separately.

ANM = Auxiliary nurse midwife; LHV = Lady health visitor; TBA = Traditional birth attendant; ICDS = Integrated Child Development Services; ASHA = Accredited Social Health Activist

<sup>1</sup> Skilled provider includes doctor, auxiliary nurse midwife, nurse, midwife, and lady health visitor.

**Table 45 Antenatal care services and information received**

Percent of women who had a live birth in the 5 years preceding the survey who received antenatal care (ANC) for the most recent live birth by services and information received, according to residence and source of antenatal care, Assam, 2019-20

| Services/information  | Residence |       | Source of ANC        |                                    |  | ANC received only at home | Total |
|---|-----------|-------|----------------------|------------------------------------|--|---------------------------|-------|
|   | Urban     | Rural | Public health sector | Private health sector <sup>1</sup> | Both public and private health sector <sup>1</sup> |                           |       |
| <b>Percentage receiving selected services during antenatal care</b>         |           |       |                      |                                    |  |                           |       |
| Weighed   | 99.4      | 98.5  | 98.7                 | 99.2                               | 100.0  | 97.5                      | 98.6  |
| Blood pressure measured   | 98.8      | 97.5  | 97.8                 | 99.1                               | 99.6   | 95.2                      | 97.6  |
| Urine sample taken  | 96.5      | 94.0  | 94.8                 | 96.0                               | 97.4   | 87.8                      | 94.3  |
| Blood sample taken  | 98.0      | 93.9  | 94.9                 | 96.7                               | 98.6   | 86.8                      | 94.3  |
| Abdomen examined  | 97.1      | 92.4  | 93.2                 | 97.6                               | 98.7   | 86.5                      | 93.0  |
| <b>Percentage receiving information on specific pregnancy complications</b> |           |       |                      |                                    |  |                           |       |
| Vaginal bleeding  | 64.7      | 68.4  | 68.7                 | 64.1                               | 65.1   | 63.2                      | 68.0  |
| Convulsions   | 62.4      | 65.5  | 65.7                 | 64.8                               | 66.3   | 59.3                      | 65.1  |
| Prolonged labour  | 64.8      | 67.0  | 67.4                 | 65.1                               | 68.7   | 61.3                      | 66.7  |
| Severe abdominal pain   | 71.5      | 72.1  | 72.6                 | 71.8                               | 78.2   | 67.9                      | 72.0  |
| High blood pressure   | 69.6      | 71.7  | 72.4                 | 70.3                               | 77.4   | 63.3                      | 71.4  |
| Where to go if experienced pregnancy complications                          | 79.9      | 81.0  | 81.3                 | 82.6                               | 88.0   | 77.5                      | 80.9  |
| Number of women   | 1,039     | 7,836 | 7,552                | 916                                | 339  | 655                       | 8,875 |

<sup>1</sup> Includes nongovernmental organizations and trust hospitals/clinics

**Table 46 Antenatal care indicators**

Among women with a live birth in the 5 years preceding the survey, percentage who received different types of antenatal care (ANC) during the pregnancy for their most recent live birth, by background characteristics, Assam, 2019-20

| Background characteristic    | Percentage who had four or more ANC visits | Percentage with an ANC visit in the first trimester of pregnancy | Percentage who received two or more TT injections during the pregnancy | Percentage whose last live birth was protected against neonatal tetanus <sup>1</sup> | Percentage who were given or bought IFA | Percentage who took IFA for at least 100 days | Percentage who took IFA for at least 180 days | Percentage who took an intestinal parasite drug | Number of women |
|------------------------------|--|--|--|--|---|---|---|---|-----------------|
| <b>Mother's age at birth</b> |  |  |  |  |   |   |   |   |                 |
| <20                          | 49.2                                       | 64.4   | 90.1   | 94.8   | 93.2                                    | 46.9  | 16.5  | 14.4  | 1,444           |
| 20-34                        | 51.4                                       | 64.1   | 88.9   | 94.6   | 92.8                                    | 47.9  | 19.2  | 14.5  | 7,324           |
| 35-49                        | 44.8                                       | 58.4   | 85.6   | 91.9   | 84.5                                    | 43.3  | 14.2  | 14.3  | 506             |
| <b>Birth order</b>           |  |  |  |  |   |   |   |   |                 |
| 1                            | 56.6                                       | 68.1   | 92.5   | 95.7   | 94.4                                    | 52.8  | 21.6  | 13.4  | 3,873           |
| 2-3                          | 48.6                                       | 62.3   | 87.3   | 94.6   | 92.1                                    | 45.1  | 17.0  | 15.0  | 4,402           |
| 4 or more                    | 36.8                                       | 54.1   | 82.2   | 89.7   | 86.5                                    | 37.3  | 13.4  | 15.9  | 999             |
| <b>Residence</b>             |  |  |  |  |   |   |   |   |                 |
| Urban                        | 62.6                                       | 72.7   | 90.4   | 96.2   | 93.9                                    | 54.4  | 22.6  | 13.0  | 1,071           |
| Rural                        | 49.2                                       | 62.7   | 88.7   | 94.3   | 92.2                                    | 46.6  | 18.0  | 14.6  | 8,204           |
| <b>Schooling</b>             |  |  |  |  |   |   |   |   |                 |
| No schooling                 | 37.6                                       | 52.8   | 83.6   | 91.2   | 88.0                                    | 38.0  | 13.0  | 16.1  | 1,468           |
| <5 years complete            | 46.8                                       | 60.8   | 86.1   | 93.4   | 91.3                                    | 46.7  | 16.8  | 14.2  | 932             |
| 5-9 years complete           | 49.8                                       | 63.7   | 89.1   | 94.6   | 92.6                                    | 45.5  | 16.1  | 14.4  | 4,245           |
| 10-11 years complete         | 58.0                                       | 70.8   | 93.7   | 97.2   | 94.7                                    | 50.6  | 21.3  | 13.9  | 1,100           |
| 12 or more years complete    | 63.1                                       | 71.6   | 91.8   | 96.2   | 95.1                                    | 60.4  | 29.5  | 13.8  | 1,530           |
| <b>Religion</b>              |  |  |  |  |   |   |   |   |                 |
| Hindu                        | 58.2                                       | 67.3   | 90.0   | 95.2   | 93.6                                    | 51.4  | 21.2  | 12.9  | 5,021           |
| Muslim                       | 41.1                                       | 59.6   | 87.3   | 93.6   | 91.1                                    | 42.2  | 14.8  | 16.8  | 4,014           |
| Christian                    | 53.4                                       | 60.3   | 91.4   | 93.8   | 90.1                                    | 53.0  | 23.6  | 9.5   | 224             |
| <b>Caste/tribe</b>           |  |  |  |  |   |   |   |   |                 |
| Scheduled caste              | 49.9                                       | 63.6   | 89.5   | 94.9   | 91.0                                    | 45.7  | 18.7  | 16.8  | 1,097           |
| Scheduled tribe              | 59.9                                       | 65.9   | 90.0   | 94.2   | 92.8                                    | 48.2  | 19.9  | 9.8   | 1,035           |
| Other backward class         | 60.6                                       | 68.1   | 91.7   | 96.4   | 95.1                                    | 54.0  | 22.9  | 12.4  | 2,177           |
| Other                        | 44.5                                       | 61.6   | 87.3   | 93.6   | 91.5                                    | 44.9  | 16.3  | 15.8  | 4,936           |
| <b>Total</b>                 | <b>50.7</b>                                | <b>63.8</b>  | <b>88.9</b>  | <b>94.5</b>  | <b>92.4</b>                             | <b>47.5</b>                                   | <b>18.5</b>                                   | <b>14.5</b>                                     | <b>9,275</b>    |

Note: Total includes women belonging to other religions and who don't know their cast/tribe, who are not shown separately.

TT = Tetanus toxoid; IFA = Iron and folic acid

<sup>1</sup> Includes mothers with two injections during the pregnancy for her last birth, or two or more injections (the last within 3 years of the last live birth), or three or more injections (the last within 5 years of the last birth), or four or more injections (the last within 10 years of the last live birth), or five or more injections at any time prior to the last birth

Table 47 Antenatal care indicators by district

Among women with a live birth in the 5 years preceding the survey, percentage who received different types of antenatal care (ANC) during the pregnancy for their most recent live birth, by district, Assam, 2019-20

| District                | Percentage                                 |  |  |  |   |   |   | Percentage who took an intestinal parasite drug | Number of women |
|-------------------------|--|--|--|--|---|---|---|---|-----------------|
|                         | Percentage who had four or more ANC visits | Percentage with an ANC visit in the first trimester of pregnancy | Percentage who received two or more TT injections during the pregnancy | Percentage whose last live birth was protected against neonatal tetanus <sup>1</sup> | Percentage who were given or bought IFA | Percentage who took IFA for at least 100 days | Percentage who took IFA for at least 180 days |   |                 |
| Baksa                   | 56.0                                       | 61.1   | 91.3   | 95.0   | 91.2                                    | 56.2  | 30.2  | 9.3   | 307             |
| Barpeta                 | 43.6                                       | 62.1   | 89.3   | 94.9   | 96.1                                    | 49.4  | 21.8  | 15.4  | 516             |
| Biswanath               | 46.5                                       | 41.2   | 91.5   | 94.6   | 96.4                                    | 63.7  | 21.4  | 16.3  | 126             |
| Bongaigaon              | 33.9                                       | 65.1   | 84.8   | 91.8   | 94.8                                    | 46.7  | 22.3  | 14.2  | 211             |
| Cachar                  | 32.7                                       | 52.0   | 83.5   | 90.0   | 92.7                                    | 35.6  | 12.0  | 19.2  | 607             |
| Charaideo               | 64.5                                       | 74.0   | 90.5   | 95.9   | 94.3                                    | 51.7  | 19.4  | 9.4   | 117             |
| Chirang                 | 56.5                                       | 55.9   | 93.5   | 96.1   | 92.3                                    | 47.1  | 22.8  | 13.4  | 137             |
| Darrang                 | 37.5                                       | 56.5   | 85.6   | 91.1   | 92.9                                    | 43.3  | 22.3  | 16.7  | 287             |
| Dhemaji                 | 62.2                                       | 76.2   | 93.0   | 96.5   | 92.4                                    | 45.3  | 14.6  | 5.5   | 185             |
| Dhubri                  | 37.6                                       | 49.9   | 94.3   | 97.0   | 86.8                                    | 47.6  | 14.5  | 13.2  | 506             |
| Dibrugarh               | 75.6                                       | 75.8   | 88.2   | 94.1   | 97.3                                    | 58.9  | 28.0  | 5.2   | 382             |
| Dima Hasao              | 46.9                                       | 58.9   | 92.9   | 96.8   | 83.9                                    | 40.8  | 17.6  | 4.1   | 48              |
| Goalpara                | 44.1                                       | 65.2   | 90.1   | 96.6   | 93.4                                    | 52.2  | 20.4  | 14.9  | 280             |
| Golaghat                | 65.7                                       | 76.1   | 94.1   | 97.7   | 94.0                                    | 63.7  | 26.2  | 8.1   | 249             |
| Hailakandi              | 43.1                                       | 77.6   | 85.7   | 96.2   | 94.3                                    | 29.0  | 8.3   | 35.3  | 271             |
| Hojai                   | 51.3                                       | 52.7   | 91.7   | 96.2   | 86.1                                    | 50.5  | 16.0  | 12.6  | 74              |
| Jorhat                  | 66.9                                       | 78.3   | 93.4   | 97.4   | 89.6                                    | 52.1  | 26.6  | 6.3   | 249             |
| Kamrup                  | 46.9                                       | 57.0   | 78.5   | 85.9   | 88.8                                    | 42.5  | 24.3  | 7.7   | 421             |
| Kamrup Metropolitan     | 68.9                                       | 77.6   | 90.0   | 96.3   | 95.5                                    | 51.7  | 16.9  | 9.7   | 297             |
| Karbi Anglong           | 63.9                                       | 64.8   | 88.3   | 90.9   | 89.3                                    | 35.3  | 9.0   | 5.0   | 197             |
| Karimganj               | 42.8                                       | 54.8   | 87.8   | 94.2   | 94.0                                    | 39.9  | 11.4  | 28.2  | 450             |
| Kokrajhar               | 36.9                                       | 67.0   | 91.5   | 95.8   | 95.4                                    | 61.1  | 26.4  | 20.2  | 274             |
| Lakhimpur               | 51.7                                       | 61.0   | 95.3   | 97.3   | 86.3                                    | 42.2  | 14.9  | 19.6  | 259             |
| Majuli                  | 72.2                                       | 76.1   | 92.4   | 97.2   | 92.1                                    | 56.7  | 13.7  | 6.6   | 41              |
| Morigaon                | 41.9                                       | 64.0   | 90.2   | 94.8   | 96.8                                    | 53.4  | 18.4  | 29.3  | 323             |
| Nagaon                  | 59.4                                       | 73.1   | 90.3   | 97.0   | 91.2                                    | 46.5  | 12.3  | 11.3  | 892             |
| Nalbari                 | 55.9                                       | 70.7   | 85.5   | 92.8   | 91.2                                    | 38.6  | 16.7  | 17.0  | 209             |
| Sivasagar               | 80.9                                       | 85.1   | 88.5   | 96.5   | 95.7                                    | 53.7  | 23.8  | 5.3   | 174             |
| Sonitpur                | 45.5                                       | 48.8   | 96.7   | 99.2   | 91.4                                    | 56.4  | 16.9  | 14.2  | 353             |
| South Salmara Mancachar | 35.3                                       | 60.1   | 87.7   | 93.0   | 95.1                                    | 47.4  | 18.3  | 23.3  | 223             |
| Tinsukia                | 63.1                                       | 70.7   | 82.3   | 93.9   | 96.3                                    | 43.8  | 19.2  | 10.8  | 321             |
| Udalguri                | 49.8                                       | 50.1   | 85.7   | 91.0   | 86.2                                    | 44.2  | 25.7  | 7.4   | 210             |
| West Karbi Anglong      | 46.7                                       | 55.5   | 80.7   | 87.6   | 77.7                                    | 39.8  | 10.6  | 9.6   | 78              |
| Assam                   | 50.7                                       | 63.8   | 88.9   | 94.5   | 92.4                                    | 47.5  | 18.5  | 14.5  | 9,275           |

TT = Tetanus toxoid; IFA = Iron and folic acid tablets or syrup

<sup>1</sup> Full antenatal care includes having received at least four antenatal checks, one TT injection and took IFA tablets or syrup for 100 or more days

**Table 48 Advice received during pregnancy**

Among women with a live birth in the 5 years preceding the survey who met with a community health worker in the last three months of pregnancy for their most recent live birth, percentage who received different types of advice, by background characteristics, Assam, 2019-20

| Background characteristic    | Percentage who received advice on:   |           |               |                       |                 | Number of women who met with a community health worker in the last three months of pregnancy <sup>1</sup> |
|------------------------------|--------------------------------------|-----------|---------------|-----------------------|-----------------|---|
|                              | Importance of institutional delivery | Cord care | Breastfeeding | Keeping the baby warm | Family planning |   |
| <b>Mother's age at birth</b> |                                      |           |               |                       |                 |   |
| <20                          | 66.0                                 | 69.9      | 77.7          | 79.1                  | 72.6            | 1,060   |
| 20-34                        | 71.9                                 | 75.0      | 82.1          | 81.1                  | 75.8            | 5,246   |
| 35-49                        | 69.9                                 | 72.9      | 76.2          | 76.6                  | 72.8            | 351   |
| <b>Birth order</b>           |                                      |           |               |                       |                 |   |
| 1                            | 70.3                                 | 74.4      | 82.4          | 82.1                  | 75.0            | 2,858   |
| 2-3                          | 71.5                                 | 74.4      | 80.9          | 80.2                  | 76.2            | 3,144   |
| 4 or more                    | 70.0                                 | 70.9      | 76.3          | 75.4                  | 70.5            | 656   |
| <b>Residence</b>             |                                      |           |               |                       |                 |   |
| Urban                        | 70.0                                 | 73.7      | 81.2          | 80.4                  | 75.6            | 675   |
| Rural                        | 70.9                                 | 74.1      | 81.1          | 80.6                  | 75.1            | 5,982   |
| <b>Schooling</b>             |                                      |           |               |                       |                 |   |
| No schooling                 | 68.4                                 | 71.3      | 78.5          | 77.0                  | 71.4            | 979   |
| <5 years complete            | 70.1                                 | 75.9      | 80.5          | 79.7                  | 72.4            | 667   |
| 5-9 years complete           | 70.3                                 | 73.7      | 81.3          | 80.5                  | 75.4            | 3,081   |
| 10-11 years complete         | 71.7                                 | 76.0      | 80.1          | 81.0                  | 76.4            | 821   |
| 12 or more years complete    | 74.3                                 | 75.0      | 84.0          | 83.8                  | 78.3            | 1,109   |
| <b>Religion</b>              |                                      |           |               |                       |                 |   |
| Hindu                        | 72.7                                 | 76.7      | 83.6          | 83.0                  | 77.1            | 3,730   |
| Muslim                       | 68.5                                 | 70.7      | 78.0          | 77.4                  | 72.5            | 2,759   |
| Christian                    | 68.7                                 | 71.3      | 75.2          | 75.8                  | 75.3            | 155   |
| <b>Caste/tribe</b>           |                                      |           |               |                       |                 |   |
| Scheduled caste              | 70.6                                 | 75.6      | 82.4          | 83.1                  | 77.3            | 813   |
| Scheduled tribe              | 74.0                                 | 75.5      | 82.6          | 81.1                  | 77.0            | 751   |
| Other backward class         | 74.7                                 | 78.8      | 85.4          | 85.3                  | 78.5            | 1,692   |
| Other                        | 68.4                                 | 71.1      | 78.4          | 77.6                  | 72.6            | 3,378   |
| Total                        | 70.8                                 | 74.1      | 81.1          | 80.5                  | 75.1            | 6,657   |

Note: Total includes women belonging to other religions and who don't know their cast/tribe, who are not shown separately.

<sup>1</sup> Community health worker includes auxiliary nurse midwife (ANM), lady health visitor (LHV), Accredited Social Health Activist (ASHA), *Anganwadi* worker, and other community health workers

**Table 49 Pregnancies for which an ultrasound test was done**

Percentage of all pregnancies in the 5 years preceding the survey for which an ultrasound test was done and percent distribution of pregnancies with an ultrasound test by pregnancy outcome, according to background characteristics, Assam, 2019-20

| Background characteristic                                      | Percentage of pregnancies with an ultrasound test | Number of pregnancies | Pregnancy outcome <sup>1</sup> |             |             |                | Total        | Number of pregnancies with an ultrasound test |
|--|---|-----------------------|--------------------------------|-------------|-------------|----------------|--------------|---|
|  |   |                       | Son                            | Daughter    | Termination | Still pregnant |              |   |
| <b>Mother's age at pregnancy</b>                               |   |                       |                                |             |             |                |              |   |
| <20  | 73.4  | 2,755                 | 47.6                           | 41.8        | 3.4         | 7.2            | 100.0        | 2,022   |
| 20-34  | 73.5  | 9,946                 | 44.6                           | 42.0        | 4.8         | 8.7            | 100.0        | 7,311   |
| 35-49  | 62.9  | 627                   | 31.9                           | 41.7        | 15.0        | 11.4           | 100.0        | 394   |
| <b>Residence</b>   |   |                       |                                |             |             |                |              |   |
| Urban  | 83.0  | 1,539                 | 44.3                           | 38.9        | 7.1         | 9.8            | 100.0        | 1,278   |
| Rural  | 71.7  | 11,789                | 44.7                           | 42.4        | 4.6         | 8.3            | 100.0        | 8,449   |
| <b>Antenatal care visits<sup>2</sup></b>                       |   |                       |                                |             |             |                |              |   |
| None   | 48.8  | 473                   | 45.0                           | 38.5        | 5.7         | 10.8           | 100.0        | 231   |
| 1-3  | 72.6  | 5,000                 | 45.1                           | 41.4        | 4.8         | 8.6            | 100.0        | 3,630   |
| 4 or more  | 78.0  | 6,078                 | 45.8                           | 40.9        | 5.4         | 8.0            | 100.0        | 4,738   |
| Don't know   | 84.8  | 159                   | 37.3                           | 49.9        | 3.6         | 9.2            | 100.0        | 135   |
| <b>Mother's schooling</b>                                      |   |                       |                                |             |             |                |              |   |
| No schooling   | 61.4  | 2,095                 | 45.9                           | 45.0        | 2.8         | 6.3            | 100.0        | 1,286   |
| <5 years complete  | 65.7  | 1,341                 | 48.3                           | 42.2        | 3.2         | 6.3            | 100.0        | 880   |
| 5-9 years complete   | 71.5  | 6,265                 | 44.1                           | 42.0        | 5.2         | 8.6            | 100.0        | 4,477   |
| 10-11 years complete   | 83.9  | 1,527                 | 43.9                           | 41.6        | 5.7         | 8.8            | 100.0        | 1,281   |
| 12 or more years complete                                      | 85.9  | 2,100                 | 44.0                           | 39.6        | 6.1         | 10.4           | 100.0        | 1,803   |
| <b>Religion</b>  |   |                       |                                |             |             |                |              |   |
| Hindu  | 76.3  | 7,225                 | 44.4                           | 41.3        | 5.9         | 8.4            | 100.0        | 5,512   |
| Muslim   | 69.1  | 5,746                 | 45.5                           | 42.6        | 3.6         | 8.3            | 100.0        | 3,970   |
| Christian  | 68.9  | 328                   | 37.1                           | 47.5        | 4.8         | 10.6           | 100.0        | 226   |
| <b>Caste/tribe</b>   |   |                       |                                |             |             |                |              |   |
| Scheduled caste  | 76.5  | 1,595                 | 44.9                           | 41.5        | 4.6         | 9.1            | 100.0        | 1,220   |
| Scheduled tribe  | 72.4  | 1,519                 | 45.1                           | 40.8        | 5.3         | 8.8            | 100.0        | 1,099   |
| Other backward class   | 74.5  | 3,143                 | 43.2                           | 43.0        | 5.9         | 7.9            | 100.0        | 2,340   |
| Other  | 71.7  | 7,033                 | 45.3                           | 41.8        | 4.5         | 8.5            | 100.0        | 5,042   |
| <b>Mother's number of living children at time of pregnancy</b> |   |                       |                                |             |             |                |              |   |
| No children  | 79.8  | 5,827                 | 45.6                           | 41.6        | 3.9         | 8.9            | 100.0        | 4,650   |
| 1 child  | 72.4  | 4,520                 | 43.7                           | 42.3        | 5.0         | 9.1            | 100.0        | 3,272   |
| 0 sons   | 74.0  | 2,344                 | 45.5                           | 41.4        | 4.6         | 8.5            | 100.0        | 1,735   |
| 1 son  | 70.6  | 2,176                 | 41.6                           | 43.2        | 5.5         | 9.7            | 100.0        | 1,537   |
| 2 children   | 62.8  | 1,829                 | 43.2                           | 41.0        | 8.6         | 7.2            | 100.0        | 1,148   |
| 0 sons   | 67.3  | 576                   | 43.8                           | 40.8        | 7.5         | 7.9            | 100.0        | 388   |
| 1 or more sons   | 60.7  | 1,253                 | 42.8                           | 41.1        | 9.2         | 6.9            | 100.0        | 761   |
| 3 children   | 60.7  | 697                   | 46.7                           | 42.5        | 5.7         | 5.1            | 100.0        | 423   |
| 0 sons   | 71.7  | 142                   | 49.8                           | 42.7        | 1.9         | 5.6            | 100.0        | 102   |
| 1 or more sons   | 58.0  | 555                   | 45.8                           | 42.5        | 6.9         | 4.9            | 100.0        | 322   |
| 4 or more children   | 51.1  | 455                   | 44.0                           | 47.2        | 4.9         | 3.8            | 100.0        | 233   |
| 0 sons   | 51.6  | 59                    | (46.2)                         | (49.0)      | (1.8)       | (3.0)          | (100.0)      | 31  |
| 1 or more sons   | 51.1  | 396                   | 43.7                           | 47.0        | 5.4         | 3.9            | 100.0        | 202   |
| <b>Total</b>   | <b>73.0</b>                                       | <b>13,328</b>         | <b>44.7</b>                    | <b>41.9</b> | <b>4.9</b>  | <b>8.5</b>     | <b>100.0</b> | <b>9,727</b>                                  |

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. Total includes women belonging to other religions and who don't know their cast/tribe, who are not shown separately.

<sup>1</sup> For multiple births, sex of pregnancy outcome is the sex of the first listed birth

<sup>2</sup> Includes only the most recent pregnancy in the five years preceding the survey

**Table 50 Pregnancy registration and Mother and Child Protection Card**

Percentage of women age 15-49 who had a live birth in the 5 years preceding the survey who registered the pregnancy for the most recent live birth; and among registered pregnancies, percent distribution by the timing of the registration and percentage who received a Mother and Child Protection (MCP) Card, by background characteristics, Assam, 2019-20

| Background characteristic    | Percentage of pregnancies that were registered | Number of pregnancies | Timing of pregnancy registration |             |            | Percentage of mothers given an MCP card | Number of registered pregnancies |
|------------------------------|--|-----------------------|----------------------------------|-------------|------------|---|----------------------------------|
|                              |  |                       | First trimester                  | Later       | Don't know |   |                                  |
| <b>Mother's age at birth</b> |  |                       |                                  |             |            |   |                                  |
| <20                          | 98.4   | 1,444                 | 91.0                             | 8.9         | 0.1        | 98.7                                    | 1,421                            |
| 20-34                        | 97.2   | 7,324                 | 89.3                             | 10.4        | 0.2        | 98.8                                    | 7,120                            |
| 35-49                        | 92.5   | 506                   | 84.9                             | 15.1        | 0.0        | 97.9                                    | 468                              |
| <b>Birth order</b>           |  |                       |                                  |             |            |   |                                  |
| 1                            | 98.3   | 3,873                 | 91.1                             | 8.7         | 0.1        | 98.9                                    | 3,807                            |
| 2-3                          | 97.2   | 4,402                 | 88.6                             | 11.1        | 0.2        | 98.6                                    | 4,279                            |
| 4 or more                    | 92.4   | 999                   | 85.8                             | 14.2        | 0.0        | 98.4                                    | 923                              |
| <b>Residence</b>             |  |                       |                                  |             |            |   |                                  |
| Urban                        | 96.3   | 1,071                 | 88.9                             | 10.8        | 0.3        | 98.9                                    | 1,032                            |
| Rural                        | 97.2   | 8,204                 | 89.4                             | 10.4        | 0.1        | 98.7                                    | 7,977                            |
| <b>Schooling</b>             |  |                       |                                  |             |            |   |                                  |
| No schooling                 | 94.1   | 1,468                 | 85.9                             | 13.8        | 0.3        | 97.6                                    | 1,380                            |
| <5 years complete            | 98.1   | 932                   | 88.0                             | 12.0        | 0.0        | 98.1                                    | 915                              |
| 5-9 years complete           | 97.6   | 4,245                 | 89.8                             | 10.1        | 0.1        | 98.9                                    | 4,144                            |
| 10-11 years complete         | 98.5   | 1,100                 | 90.8                             | 8.7         | 0.3        | 99.2                                    | 1,084                            |
| 12 or more years complete    | 97.2   | 1,530                 | 91.3                             | 8.6         | 0.1        | 99.2                                    | 1,486                            |
| <b>Religion</b>              |  |                       |                                  |             |            |   |                                  |
| Hindu                        | 97.6   | 5,021                 | 90.1                             | 9.8         | 0.1        | 99.2                                    | 4,902                            |
| Muslim                       | 96.5   | 4,014                 | 88.5                             | 11.1        | 0.2        | 98.1                                    | 3,872                            |
| Christian                    | 97.8   | 224                   | 88.4                             | 11.6        | 0.0        | 97.8                                    | 219                              |
| <b>Caste/tribe</b>           |  |                       |                                  |             |            |   |                                  |
| Scheduled caste              | 97.8   | 1,097                 | 88.9                             | 11.1        | 0.1        | 99.3                                    | 1,072                            |
| Scheduled tribe              | 96.7   | 1,035                 | 90.5                             | 9.3         | 0.1        | 99.0                                    | 1,001                            |
| Other backward class         | 97.8   | 2,177                 | 90.6                             | 9.4         | 0.1        | 99.1                                    | 2,129                            |
| Other                        | 96.8   | 4,936                 | 88.7                             | 11.0        | 0.2        | 98.4                                    | 4,778                            |
| <b>Total</b>                 | <b>97.1</b>                                    | <b>9,275</b>          | <b>89.4</b>                      | <b>10.4</b> | <b>0.1</b> | <b>98.7</b>                             | <b>9,009</b>                     |

Note: Total includes women who belonging to other religions and who don't know their cast/tribe, who are not shown separately.

**Table 51 Delivery and postnatal care**

Percent distribution of live births to women age 15-49 in the 5 years preceding the survey by place of delivery and assistance during delivery, percentage of live births delivered by a skilled provider and by caesarean section, percentage of live births delivered at home that were delivered by a skilled provider, and percentage for which the delivery protocol was followed, and percent distribution of women giving birth in the 5 years preceding the survey by timing and type of provider of the first postnatal check of the mother for their most recent live birth, by residence, Assam, 2019-20

| Delivery and postnatal care descriptors                                    | Urban | Rural | Total  |
|--|-------|-------|--------|
| <b>Place of delivery</b>   |       |       |        |
| Health facility  | 93.5  | 82.9  | 84.1   |
| Public sector  | 66.3  | 75.4  | 74.4   |
| NGO/trust  | 0.1   | 0.1   | 0.1    |
| Private sector   | 27.1  | 7.4   | 9.6    |
| At home  | 6.2   | 16.8  | 15.6   |
| Own home   | 5.6   | 15.3  | 14.2   |
| Parent's home  | 0.7   | 1.4   | 1.4    |
| Other home   | 0.0   | 0.1   | 0.1    |
| Other <sup>1</sup>   | 0.3   | 0.3   | 0.3    |
| Total  | 100.0 | 100.0 | 100.0  |
| <b>Assistance during delivery<sup>2</sup></b>                              |       |       |        |
| Doctor   | 83.1  | 64.2  | 66.3   |
| ANM/nurse/midwife/LHV  | 11.5  | 20.0  | 19.1   |
| Other health personnel   | 0.3   | 0.8   | 0.8    |
| <i>Dai</i> (TBA)   | 3.1   | 9.5   | 8.8    |
| Friends/relatives  | 1.7   | 5.0   | 4.6    |
| Other  | 0.1   | 0.2   | 0.2    |
| No one   | 0.2   | 0.2   | 0.2    |
| Total  | 100.0 | 100.0 | 100.0  |
| Percentage of all births delivered by a skilled provider <sup>3</sup>      | 94.9  | 85.1  | 86.1   |
| Percentage of home births delivered by a skilled provider <sup>3</sup>     | 2.2   | 2.6   | 2.6    |
| Percentage delivered by caesarean section                                  | 39.2  | 15.5  | 18.1   |
| Percentage delivered by emergency caesarean section <sup>4</sup>           | 13.7  | 5.9   | 6.8    |
| Number of births   | 1,173 | 9,508 | 10,681 |
| <b>For home deliveries<sup>5</sup></b>                                     |       |       |        |
| Disposable delivery kit (DDK) used   | 46.0  | 34.5  | 35.0   |
| Clean blade used to cut the cord   | 85.4  | 88.5  | 88.3   |
| Either of the above  | 89.6  | 90.0  | 90.0   |
| Baby was immediately wiped dry and then wrapped without being bathed       | 80.6  | 84.0  | 83.9   |
| Number of births delivered at home   | 59    | 1,227 | 1,286  |
| <b>Timing after delivery of mother's first postnatal check<sup>6</sup></b> |       |       |        |
| Less than four hours   | 71.9  | 60.3  | 61.7   |
| 4-23 hours   | 3.9   | 3.9   | 3.9    |
| 1-2 days   | 2.9   | 4.0   | 3.8    |
| 3-41 days  | 2.0   | 3.5   | 3.3    |
| No postnatal check   | 19.3  | 28.3  | 27.3   |
| Total  | 100.0 | 100.0 | 100.0  |
| <b>Type of provider of mother's first postnatal check<sup>6</sup></b>      |       |       |        |
| Doctor   | 59.0  | 42.3  | 44.3   |
| ANM/nurse/midwife/LHV  | 18.6  | 22.5  | 22.1   |
| Other health personnel   | 0.0   | 0.3   | 0.3    |
| <i>Dai</i> (TBA)   | 2.6   | 5.5   | 5.1    |
| Other  | 0.4   | 1.1   | 1.0    |
| No postnatal check   | 19.3  | 28.3  | 27.3   |
| Total  | 100.0 | 100.0 | 100.0  |
| Number of last live births   | 1,071 | 8,204 | 9,275  |

NGO = Nongovernmental organization; ANM = Auxiliary nurse midwife; LHV = Lady health visitor; TBA = Traditional birth attendant

<sup>1</sup> Includes missing

<sup>2</sup> If the respondent mentioned more than one person attending during delivery, only the most qualified person is considered in this table

<sup>3</sup> Skilled health personnel includes doctor, auxiliary nurse midwife, nurse, midwife, lady health visitor, and other health personnel

<sup>4</sup> A caesarean section for which the decision to have the operation was made after the onset of labour

<sup>5</sup> Based on the last live birth in the five years preceding the survey

<sup>6</sup> Based on the last live birth in the five years preceding the survey. Postnatal checks are checks on the woman's health within 42 days of the birth



**Table 52 Delivery and postnatal care by background characteristics**

Percentage of live births in the 5 years preceding the survey delivered in a health facility and percentage delivered with assistance from health personnel, and percentage of women who had a live birth in the 5 years preceding the survey who received a postnatal check and who received a postnatal check within 2 days of birth for their most recent birth, and among births in the year preceding the survey, percentage of deliveries assisted by health personnel, by background characteristics, Assam, 2019-20

| Background characteristic                | Percentage of births delivered in a public health facility | Percentage of births delivered in a private health facility | Percentage of births delivered in a health facility | Percentage of deliveries assisted by health personnel <sup>1</sup> | Number of births | Percentage of women with a postnatal check <sup>2,3</sup>          | Percentage of women with a postnatal check within two days of birth <sup>2,3</sup> | Number of women | Among births in the year preceding the survey: |       |
|--|--|---|---|--|------------------|--|--|-----------------|--|-------|
|  |  |   |   |  |                  | Percentage of deliveries assisted by health personnel <sup>1</sup> | Number of births   |                 |  |       |
| <b>Mother's age at birth</b>             |  |   |   |  |                  |  |  |                 |  |       |
| <20                                      | 78.8   | 4.5   | 83.4  | 86.0   | 1,822            | 69.4   | 66.2   | 1,444           | 87.9   | 321   |
| 20-34                                    | 74.3   | 10.6  | 84.9  | 86.7   | 8,316            | 73.6   | 70.3   | 7,324           | 88.9   | 1,796 |
| 35-49                                    | 60.9   | 12.5  | 73.4  | 77.9   | 543              | 69.1   | 66.1   | 506             | 78.5   | 113   |
| <b>Residence</b>                         |  |   |   |  |                  |  |  |                 |  |       |
| Urban                                    | 66.3   | 27.2  | 93.5  | 94.9   | 1,173            | 80.7   | 78.7   | 1,071           | 94.9   | 244   |
| Rural                                    | 75.4   | 7.5   | 82.9  | 85.1   | 9,508            | 71.7   | 68.2   | 8,204           | 87.4   | 1,986 |
| <b>Birth order</b>                       |  |   |   |  |                  |  |  |                 |  |       |
| 1  | 77.2   | 12.8  | 90.1  | 91.1   | 4,666            | 74.8   | 72.1   | 3,873           | 92.2   | 979   |
| 2-3                                      | 74.5   | 8.5   | 83.1  | 85.7   | 4,897            | 72.7   | 69.4   | 4,402           | 88.1   | 1,047 |
| 4 or more                                | 62.0   | 1.6   | 63.6  | 67.2   | 1,119            | 64.4   | 59.2   | 999             | 69.6   | 203   |
| <b>Antenatal care visits<sup>2</sup></b> |  |   |   |  |                  |  |  |                 |  |       |
| None                                     | 57.3   | 3.6   | 61.0  | 65.6   | 400              | 37.3   | 34.2   | 400             | 58.4   | 72    |
| 1-3                                      | 75.2   | 7.2   | 82.4  | 84.3   | 4,041            | 70.6   | 66.2   | 4,041           | 85.2   | 1,023 |
| 4 or more                                | 76.7   | 14.0  | 90.7  | 92.3   | 4,703            | 78.0   | 75.5   | 4,703           | 93.1   | 1,097 |
| Don't know                               | 83.1   | 8.8   | 91.8  | 92.2   | 131              | 57.9   | 56.9   | 131             | *  | 26    |
| <b>Mother's schooling</b>                |  |   |   |  |                  |  |  |                 |  |       |
| No schooling                             | 65.8   | 2.3   | 68.1  | 72.3   | 1,792            | 61.6   | 56.4   | 1,468           | 69.8   | 327   |
| <5 years complete                        | 74.5   | 2.1   | 76.6  | 80.0   | 1,121            | 69.1   | 64.2   | 932             | 86.6   | 228   |
| 5-9 years complete                       | 79.7   | 5.2   | 84.9  | 86.8   | 4,955            | 72.3   | 69.5   | 4,245           | 89.7   | 1,057 |
| 10-11 years complete                     | 81.0   | 13.6  | 94.7  | 94.8   | 1,192            | 79.3   | 76.4   | 1,100           | 93.7   | 243   |
| 12 or more years complete                | 62.9   | 33.7  | 96.7  | 97.3   | 1,621            | 81.8   | 79.7   | 1,530           | 97.6   | 374   |
| <b>Religion</b>                          |  |   |   |  |                  |  |  |                 |  |       |
| Hindu                                    | 76.2   | 14.3  | 90.5  | 92.0   | 5,595            | 76.9   | 73.9   | 5,021           | 93.5   | 1,200 |
| Muslim                                   | 72.1   | 4.5   | 76.6  | 79.4   | 4,812            | 67.8   | 64.2   | 4,014           | 81.8   | 974   |
| Christian                                | 77.4   | 5.4   | 82.8  | 85.9   | 256              | 67.5   | 62.9   | 224             | 88.8   | 53    |
| <b>Caste/tribe</b>                       |  |   |   |  |                  |  |  |                 |  |       |
| Scheduled caste                          | 80.3   | 9.7   | 90.0  | 92.1   | 1,268            | 73.4   | 70.2   | 1,097           | 95.5   | 271   |
| Scheduled tribe                          | 81.9   | 7.9   | 89.8  | 92.1   | 1,153            | 75.0   | 72.6   | 1,035           | 91.5   | 232   |
| Other backward class                     | 75.0   | 15.0  | 90.0  | 91.1   | 2,419            | 78.2   | 75.0   | 2,177           | 92.1   | 528   |
| Other                                    | 71.4   | 7.8   | 79.2  | 81.6   | 5,808            | 69.8   | 66.2   | 4,936           | 84.1   | 1,192 |

Continued...

**Table 52 Delivery and postnatal care by background characteristics—Continued**

Percentage of live births in the 5 years preceding the survey delivered in a health facility and percentage delivered with assistance from health personnel, and percentage of women who had a live birth in the 5 years preceding the survey who received a postnatal check and who received a postnatal check within 2 days of birth for their most recent birth, and among births in the year preceding the survey, percentage of deliveries assisted by health personnel, by background characteristics, Assam, 2019-20

| Background characteristic            | Percentage of births delivered in a public health facility | Percentage of births delivered in a private health facility | Percentage of births delivered in a health facility | Percentage of deliveries assisted by health personnel <sup>1</sup> | Number of births | Percentage of women with a postnatal check <sup>2,3</sup>          | Percentage of women with a postnatal check within two days of birth <sup>2,3</sup> | Number of women | Among births in the year preceding the survey: |              |
|--------------------------------------|--|---|---|--|------------------|--|--|-----------------|--|--------------|
|                                      |  |   |   |  |                  | Percentage of deliveries assisted by health personnel <sup>1</sup> | Number of births   |                 |  |              |
| <b>Place of delivery</b>             |  |   |   |  |                  |  |  |                 |  |              |
| Public health facility               | 100.0  | 0.0   | 100.0   | 99.1   | 7,947            | 76.0   | 73.9   | 6,986           | 99.2   | 1,710        |
| Private health facility <sup>4</sup> | 0.0  | 100.0   | 100.0   | 99.5   | 1,034            | 87.0   | 84.3   | 975             | 99.2   | 230          |
| Home                                 | na   | 0.0   | 0.0   | 16.5   | 1,667            | 43.7   | 33.7   | 1,286           | 13.4   | 284          |
| Other <sup>5</sup>                   | na   | (0.0)   | (0.0)   | (72.8)   | 33               | *  | *  | 28              | *  | 6            |
| <b>Total</b>                         | <b>74.4</b>  | <b>9.7</b>  | <b>84.1</b>   | <b>86.1</b>  | <b>10,681</b>    | <b>72.7</b>  | <b>69.4</b>  | <b>9,275</b>    | <b>88.2</b>                                    | <b>2,230</b> |

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. Total includes women who belonging to other religions and who don't know their cast/tribe, who are not shown separately.

na = Not applicable

<sup>1</sup> Health personnel includes doctor, auxiliary nurse midwife, nurse, midwife, lady health visitor, and other health personnel. If the respondent mentioned more than one person attending during delivery, only the most qualified person is considered in this table.

<sup>2</sup> For the most recent birth in the 5 years preceding the survey

<sup>3</sup> Postnatal checks are checks on the woman's health within 42 days of the birth

<sup>4</sup> Includes nongovernmental organizations or trust hospitals/clinics

<sup>5</sup> Includes missing

**Table 53 Delivery and postnatal care by district**

Percentage of live births in the 5 years preceding the survey delivered in a health facility, percentage delivered with assistance from health personnel, and percentage delivered by caesarean section, and percentage of women who had a live birth in the 5 years preceding the survey who received a postnatal check within two days of birth for their most recent birth, by district, Assam, 2019-20

| District                | Percentage of births delivered in a public health facility | Percentage of births delivered in a private health facility | Percentage of births delivered in a health facility | Percentage of deliveries assisted by health personnel <sup>1</sup> | Percentage of births delivered by caesarean section | Number of births | Mothers who received postnatal care from a health personnel within 2 days of delivery <sup>2</sup> | Number of women |
|-------------------------|--|---|---|--|---|------------------|--|-----------------|
| Baksa                   | 82.2   | 7.7   | 89.9  | 92.1   | 17.6  | 343              | 67.4   | 307             |
| Barpeta                 | 82.3   | 5.3   | 87.6  | 87.6   | 12.7  | 587              | 73.3   | 516             |
| Biswanath               | 74.0   | 10.2  | 84.2  | 84.6   | 15.3  | 146              | 63.2   | 126             |
| Bongaigaon              | 74.9   | 9.6   | 84.5  | 89.1   | 15.2  | 232              | 61.9   | 211             |
| Cachar                  | 74.9   | 4.3   | 79.2  | 80.2   | 12.5  | 760              | 62.4   | 607             |
| Charaideo               | 76.7   | 11.5  | 88.2  | 90.5   | 20.0  | 129              | 75.1   | 117             |
| Chirang                 | 71.1   | 12.6  | 83.7  | 82.9   | 15.3  | 153              | 68.3   | 137             |
| Darrang                 | 81.1   | 3.3   | 84.4  | 87.0   | 10.8  | 323              | 59.8   | 287             |
| Dhemaji                 | 84.1   | 3.1   | 87.2  | 91.5   | 16.1  | 209              | 75.9   | 185             |
| Dhubri                  | 61.8   | 2.4   | 64.2  | 68.9   | 6.9   | 579              | 58.4   | 506             |
| Dibrugarh               | 71.6   | 21.5  | 93.1  | 95.3   | 27.7  | 409              | 83.9   | 382             |
| Dima Hasao              | 84.6   | 4.9   | 89.5  | 91.8   | 19.7  | 56               | 75.5   | 48              |
| Goalpara                | 87.2   | 5.1   | 92.3  | 94.2   | 16.2  | 316              | 75.1   | 280             |
| Golaghat                | 81.4   | 9.0   | 90.4  | 92.1   | 22.6  | 265              | 76.5   | 249             |
| Hailakandi              | 75.1   | 8.0   | 83.0  | 84.8   | 12.8  | 362              | 73.9   | 271             |
| Hojai                   | 59.4   | 22.6  | 82.0  | 83.5   | 18.4  | 88               | 67.9   | 74              |
| Jorhat                  | 74.9   | 21.6  | 96.5  | 97.4   | 44.4  | 274              | 81.8   | 249             |
| Kamrup                  | 69.8   | 15.2  | 85.0  | 88.5   | 32.8  | 457              | 63.5   | 421             |
| Kamrup Metropolitan     | 55.7   | 33.4  | 89.1  | 90.1   | 38.0  | 317              | 78.2   | 297             |
| Karbi Anglong           | 69.2   | 5.7   | 74.9  | 78.3   | 15.2  | 228              | 61.4   | 197             |
| Karimganj               | 69.8   | 6.6   | 76.4  | 78.3   | 7.0   | 591              | 71.4   | 450             |
| Kokrajhar               | 76.8   | 5.1   | 81.9  | 82.0   | 12.0  | 306              | 72.7   | 274             |
| Lakhimpur               | 91.6   | 4.5   | 96.2  | 96.8   | 22.7  | 290              | 68.0   | 259             |
| Majuli                  | 85.8   | 4.5   | 90.3  | 93.5   | 22.5  | 46               | 78.5   | 41              |
| Morigaon                | 82.8   | 5.5   | 88.3  | 90.0   | 12.3  | 375              | 72.9   | 323             |
| Nagaon                  | 73.4   | 10.3  | 83.7  | 86.7   | 17.9  | 1,055            | 65.7   | 892             |
| Nalbari                 | 69.2   | 22.6  | 91.8  | 91.4   | 38.7  | 224              | 75.0   | 209             |
| Sivasagar               | 76.2   | 19.1  | 95.2  | 95.6   | 30.0  | 189              | 75.4   | 174             |
| Sonitpur                | 73.1   | 10.4  | 83.5  | 82.8   | 21.1  | 399              | 67.2   | 353             |
| South Salmara Mancachar | 69.9   | 1.8   | 71.7  | 79.4   | 5.0   | 268              | 66.9   | 223             |
| Tinsukia                | 66.2   | 16.4  | 82.6  | 83.2   | 26.5  | 373              | 78.8   | 321             |
| Udalguri                | 78.5   | 7.7   | 86.1  | 87.9   | 14.4  | 238              | 55.1   | 210             |
| West Karbi Anglong      | 68.9   | 3.6   | 72.5  | 84.5   | 6.4   | 95               | 59.9   | 78              |
| Assam                   | 74.4   | 9.7   | 84.1  | 86.1   | 18.1  | 10,681           | 69.4   | 9,275           |

<sup>1</sup> Health personnel includes doctor, auxiliary nurse midwife, nurse, midwife, lady health visitor, and other health personnel. If the respondent mentioned more than one person attending during delivery, only the most qualified person is considered in this table.

<sup>2</sup> Postnatal checks are checks on the women's health within 42 days of birth.

**Table 54 Delivery costs and financial assistance**

The average out-of-pocket cost paid for delivery for the most recent live birth among women who had a live birth in the 5 years preceding the survey that was delivered in a health facility by type of facility, and among women who had a live birth in the 5 years preceding the survey for the most recent birth that was delivered in a health facility, percentage who received financial assistance under *Janani Suraksha Yojana (JSY)*, according to background characteristics, Assam, 2019-20

| Background characteristic    | Average cost (Rs.) <sup>1</sup> |                         |                     | Percentage who received financial assistance under JSY | Number of births in a health facility |
|------------------------------|---------------------------------|-------------------------|---------------------|--|---------------------------------------|
|                              | Public health facility          | Private health facility | Any health facility |  |                                       |
| <b>Mother's age at birth</b> |                                 |                         |                     |  |                                       |
| <20                          | 5,139                           | 28,513                  | 6,576               | 46.8   | 1,449                                 |
| 20-34                        | 5,486                           | 33,486                  | 9,346               | 45.8   | 6,164                                 |
| 35-49                        | 5,384                           | 36,163                  | 10,743              | 46.8   | 349                                   |
| <b>Birth order</b>           |                                 |                         |                     |  |                                       |
| 1                            | 5,869                           | 34,399                  | 10,110              | 44.6   | 4,191                                 |
| 2-3                          | 5,124                           | 31,726                  | 8,101               | 47.6   | 3,203                                 |
| 4 or more                    | 3,968                           | 19,666                  | 4,423               | 48.5   | 566                                   |
| <b>Residence</b>             |                                 |                         |                     |  |                                       |
| Urban                        | 6,651                           | 35,609                  | 15,011              | 29.8   | 1,009                                 |
| Rural                        | 5,269                           | 32,163                  | 7,988               | 48.4   | 6,952                                 |
| <b>Schooling</b>             |                                 |                         |                     |  |                                       |
| No schooling                 | 3,677                           | 7,541                   | 3,840               | 49.7   | 1,022                                 |
| <5 years complete            | 4,421                           | 23,229                  | 5,073               | 52.5   | 723                                   |
| 5-9 years complete           | 5,034                           | 29,857                  | 6,787               | 48.8   | 3,687                                 |
| 10-11 years complete         | 6,131                           | 31,321                  | 9,614               | 43.7   | 1,048                                 |
| 12 or more years complete    | 8,391                           | 37,870                  | 18,565              | 35.1   | 1,481                                 |
| <b>Religion</b>              |                                 |                         |                     |  |                                       |
| Hindu                        | 6,040                           | 32,545                  | 10,463              | 47.7   | 4,597                                 |
| Muslim                       | 4,670                           | 36,424                  | 6,756               | 43.4   | 3,161                                 |
| Christian                    | 4,178                           | 22,073                  | 5,682               | 51.8   | 187                                   |
| <b>Caste/tribe</b>           |                                 |                         |                     |  |                                       |
| Scheduled caste              | 5,767                           | 28,914                  | 8,614               | 43.3   | 998                                   |
| Scheduled tribe              | 5,615                           | 34,837                  | 8,216               | 53.3   | 938                                   |
| Other backward class         | 5,747                           | 29,628                  | 10,054              | 51.7   | 1,985                                 |
| Other                        | 5,089                           | 37,251                  | 8,517               | 42.4   | 4,015                                 |
| Total                        | 5,415                           | 33,193                  | 8,900               | 46.1   | 7,961                                 |

Note: Total includes information on births to women who belonging to other religions and who don't know their cast/tribe, who are not shown separately.

<sup>1</sup> Excludes women who don't know the cost

**Table 55 Birth order and delivery characteristics by district**

Percentage of births during the 3 years preceding the survey of birth order 3 or more, percentage of women who had a live birth in the 5 years preceding the survey by antenatal care (ANC) provider during pregnancy for the most recent live birth, and among women who had a live birth in the 5 years preceding the survey for the most recent birth that was delivered in a health facility, the percentage of women who received financial assistance under *Janani Suraksha Yojana* (JSY) by district, Assam, 2019-20

| District            | Percentage of births of order 3 or more | Number of births | Percentage of last births receiving antenatal care from doctor | Percentage of last births receiving antenatal care from ANM/nurse/midwife/LHV | Number of last births | Percentage of births in a health facility receiving financial assistance under JSY | Number of births in a health facility |
|---------------------|---|------------------|--|---|-----------------------|--|---------------------------------------|
| Baksa               | 13.1                                    | 202              | 76.4   | 44.8  | 307                   | 47.3   | 278                                   |
| Barpeta             | 24.5                                    | 384              | 53.4   | 49.9  | 516                   | 38.7   | 454                                   |
| Biswanath           | 26.7                                    | 80               | 58.5   | 70.3  | 126                   | 53.5   | 109                                   |
| Bongaigaon          | 18.1                                    | 134              | 57.6   | 40.3  | 211                   | 31.9   | 179                                   |
| Cachar              | 19.1                                    | 443              | 30.9   | 56.3  | 607                   | 49.3   | 493                                   |
| Charaideo           | 14.8                                    | 76               | 75.2   | 54.0  | 117                   | 53.8   | 103                                   |
| Chirang             | 16.7                                    | 96               | 62.8   | 53.5  | 137                   | 39.3   | 116                                   |
| Darrang             | 23.4                                    | 202              | 38.8   | 46.4  | 287                   | 36.0   | 249                                   |
| Dhemaji             | 15.4                                    | 122              | 80.7   | 51.0  | 185                   | 70.7   | 162                                   |
| Dhubri              | 26.8                                    | 348              | 46.8   | 58.6  | 506                   | 52.6   | 338                                   |
| Dibrugarh           | 12.4                                    | 228              | 78.9   | 65.4  | 382                   | 53.2   | 358                                   |
| Dima Hasao          | 32.5                                    | 30               | 77.3   | 56.0  | 48                    | 57.0   | 44                                    |
| Goalpara            | 27.5                                    | 180              | 51.8   | 49.0  | 280                   | 43.2   | 261                                   |
| Golaghat            | 12.8                                    | 157              | 72.8   | 57.9  | 249                   | 59.7   | 227                                   |
| Hailakandi          | 34.7                                    | 212              | 29.4   | 66.6  | 271                   | 67.4   | 231                                   |
| Hojai               | 21.7                                    | 51               | 73.9   | 49.1  | 74                    | 30.9   | 63                                    |
| Jorhat              | 11.2                                    | 171              | 80.2   | 54.8  | 249                   | 41.9   | 239                                   |
| Kamrup              | 13.0                                    | 267              | 61.7   | 29.5  | 421                   | 26.4   | 359                                   |
| Kamrup Metropolitan | 7.6                                     | 179              | 85.7   | 42.0  | 297                   | 21.5   | 269                                   |
| Karbi Anglong       | 25.4                                    | 127              | 79.3   | 53.9  | 197                   | 53.3   | 152                                   |
| Karimganj           | 38.5                                    | 356              | 34.9   | 62.7  | 450                   | 62.9   | 369                                   |
| Kokrajhar           | 28.2                                    | 176              | 50.2   | 44.4  | 274                   | 35.0   | 228                                   |
| Lakhimpur           | 21.0                                    | 171              | 66.2   | 56.6  | 259                   | 57.2   | 250                                   |
| Majuli              | 20.6                                    | 28               | 80.1   | 54.8  | 41                    | 62.6   | 37                                    |
| Morigaon            | 22.5                                    | 214              | 48.1   | 67.6  | 323                   | 58.1   | 288                                   |
| Nagaon              | 23.8                                    | 630              | 68.9   | 55.7  | 892                   | 34.9   | 760                                   |
| Nalbari             | 13.1                                    | 121              | 67.3   | 51.7  | 209                   | 44.0   | 193                                   |
| Sivasagar           | 14.2                                    | 111              | 83.7   | 54.8  | 174                   | 51.4   | 167                                   |
| Sonitpur            | 22.4                                    | 243              | 69.3   | 63.5  | 353                   | 47.2   | 299                                   |
| South Salmara       |   |                  |  |   |                       |  |                                       |
| Mancachar           | 40.3                                    | 158              | 35.9   | 60.9  | 223                   | 34.2   | 170                                   |
| Tinsukia            | 20.6                                    | 212              | 75.7   | 51.9  | 321                   | 53.2   | 276                                   |
| Udalguri            | 17.7                                    | 142              | 60.9   | 47.2  | 210                   | 42.9   | 184                                   |
| West Karbi Anglong  | 35.3                                    | 59               | 67.4   | 55.9  | 78                    | 67.3   | 58                                    |
| Assam               | 22.1                                    | 6,310            | 59.7   | 53.9  | 9,275                 | 46.1   | 7,961                                 |

ANM = Auxiliary nurse midwife; LHV = Lady health visitor

**Table 56 Timing of first health check after birth for the newborn**

Percent distribution of last births in the 5 years preceding the survey by time after birth of first health check, and the percentage of births with a health check in the first two days after birth, according to background characteristics, Assam, 2019-20

| Background characteristic            | Time between delivery and newborn's first postnatal health check |             |            |            |            | No postnatal health check <sup>1</sup> | Total        | Percentage of births with a health check in the first two days after birth | Number of births |
|--------------------------------------|--|-------------|------------|------------|------------|--|--------------|--|------------------|
|                                      | Less than 1 hour   | 1-3 hours   | 4-23 hours | 1-2 days   | 3-6 days   |  |              |  |                  |
| <b>Mother's age at birth</b>         |  |             |            |            |            |  |              |  |                  |
| <20                                  | 25.2   | 38.2        | 2.9        | 3.5        | 1.0        | 28.0                                   | 100.0        | 69.9   | 1,720            |
| 20-34                                | 26.1   | 40.5        | 2.6        | 4.0        | 1.3        | 24.3                                   | 100.0        | 73.2   | 7,089            |
| 35-49                                | 23.1   | 34.7        | 3.2        | 2.7        | 1.0        | 34.2                                   | 100.0        | 63.7   | 466              |
| <b>Birth order</b>                   |  |             |            |            |            |  |              |  |                  |
| 1                                    | 29.3   | 41.8        | 2.9        | 4.0        | 1.1        | 19.4                                   | 100.0        | 78.0   | 3,873            |
| 2-3                                  | 24.8   | 39.6        | 2.7        | 3.7        | 1.4        | 26.9                                   | 100.0        | 70.7   | 4,402            |
| 4-5                                  | 17.3   | 33.2        | 1.1        | 4.4        | 1.3        | 41.7                                   | 100.0        | 55.9   | 826              |
| 6 or more                            | 12.7   | 30.8        | 4.2        | 5.3        | 1.5        | 45.6                                   | 100.0        | 53.0   | 174              |
| <b>Place of delivery</b>             |  |             |            |            |            |  |              |  |                  |
| Public health facility               | 27.7   | 46.5        | 3.0        | 3.3        | 1.0        | 17.3                                   | 100.0        | 80.4   | 6,986            |
| Private health facility <sup>2</sup> | 44.9   | 37.2        | 2.3        | 2.7        | 0.4        | 11.1                                   | 100.0        | 87.2   | 975              |
| Home                                 | 1.5  | 5.3         | 1.5        | 8.0        | 3.4        | 79.7                                   | 100.0        | 16.2   | 1,286            |
| <b>Residence</b>                     |  |             |            |            |            |  |              |  |                  |
| Urban                                | 36.7   | 39.8        | 1.9        | 3.5        | 1.2        | 16.3                                   | 100.0        | 81.9   | 1,071            |
| Rural                                | 24.3   | 39.8        | 2.8        | 3.9        | 1.3        | 26.6                                   | 100.0        | 70.8   | 8,204            |
| <b>Religion</b>                      |  |             |            |            |            |  |              |  |                  |
| Hindu                                | 29.6   | 41.5        | 3.1        | 3.5        | 1.0        | 20.2                                   | 100.0        | 77.6   | 5,021            |
| Muslim                               | 20.8   | 37.9        | 2.2        | 4.4        | 1.6        | 31.8                                   | 100.0        | 65.3   | 4,014            |
| Christian                            | 27.5   | 37.2        | 1.8        | 4.0        | 0.1        | 28.8                                   | 100.0        | 70.6   | 224              |
| <b>Caste/tribe</b>                   |  |             |            |            |            |  |              |  |                  |
| Scheduled caste                      | 19.9   | 46.5        | 3.4        | 4.1        | 1.1        | 24.3                                   | 100.0        | 73.8   | 1,097            |
| Scheduled tribe                      | 29.8   | 41.2        | 2.2        | 2.2        | 1.1        | 22.3                                   | 100.0        | 75.4   | 1,035            |
| Other backward class                 | 33.0   | 40.5        | 3.2        | 2.9        | 0.9        | 18.1                                   | 100.0        | 79.7   | 2,177            |
| Other                                | 23.1   | 37.7        | 2.4        | 4.6        | 1.5        | 29.5                                   | 100.0        | 67.8   | 4,936            |
| <b>Mother's schooling</b>            |  |             |            |            |            |  |              |  |                  |
| No schooling                         | 16.6   | 33.0        | 3.0        | 4.0        | 1.5        | 40.2                                   | 100.0        | 56.5   | 1,468            |
| <5 years complete                    | 23.6   | 36.5        | 3.0        | 4.8        | 1.9        | 29.0                                   | 100.0        | 67.9   | 932              |
| 5-9 years complete                   | 25.0   | 40.7        | 2.6        | 3.5        | 1.2        | 25.8                                   | 100.0        | 71.9   | 4,245            |
| 10-11 years complete                 | 29.7   | 43.7        | 2.8        | 4.1        | 1.4        | 17.2                                   | 100.0        | 80.3   | 1,100            |
| 12 or more years complete            | 35.1   | 42.8        | 2.3        | 4.2        | 0.8        | 14.1                                   | 100.0        | 84.3   | 1,530            |
| <b>Total</b>                         | <b>25.8</b>  | <b>39.8</b> | <b>2.7</b> | <b>3.9</b> | <b>1.3</b> | <b>25.4</b>                            | <b>100.0</b> | <b>72.1</b>  | <b>9,275</b>     |

Note: Total includes information on births to women who delivered in other place of delivery, women belonging to other religions, and women who don't know their caste/tribe, who are not shown separately.

<sup>1</sup> Includes newborns who received a health check after the first week

<sup>2</sup> Includes nongovernmental organization or trust hospital/clinic

**Table 57 Trends in maternal care indicators**

Maternal care indicators for births during the 5 years preceding the survey by residence, NFHS-5 and NFHS-4, Assam

| Indicator   | NFHS-5<br>(2019-20) | NFHS-4<br>(2015-16) |
|---|---------------------|---------------------|
| URBAN   |                     |                     |
| Percentage who received antenatal care <sup>1</sup>   | 94.4                | 93.0                |
| Percentage who had at least four antenatal care visits <sup>1</sup>                         | 60.8                | 60.4                |
| Percentage who received antenatal care within the first trimester of pregnancy <sup>1</sup> | 73.6                | 68.5                |
| Percentage of births delivered in a health facility <sup>2</sup>                            | 94.3                | 92.9                |
| Percentage of deliveries assisted by health personnel <sup>2, 3</sup>                       | 96.2                | 94.1                |
| RURAL   |                     |                     |
| Percentage who received antenatal care <sup>1</sup>   | 94.6                | 89.1                |
| Percentage who had at least four antenatal care visits <sup>1</sup>                         | 49.2                | 44.8                |
| Percentage who received antenatal care within the first trimester of pregnancy <sup>1</sup> | 62.1                | 53.5                |
| Percentage of births delivered in a health facility <sup>2</sup>                            | 84.8                | 68.2                |
| Percentage of deliveries assisted by health personnel <sup>2, 3</sup>                       | 86.5                | 72.1                |
| TOTAL   |                     |                     |
| Percentage who received antenatal care <sup>1</sup>   | 94.6                | 89.5                |
| Percentage who had at least four antenatal care visits <sup>1</sup>                         | 50.6                | 46.5                |
| Percentage who received antenatal care within the first trimester of pregnancy <sup>1</sup> | 63.4                | 55.1                |
| Percentage of births delivered in a health facility <sup>2</sup>                            | 85.9                | 70.6                |
| Percentage of deliveries assisted by health personnel <sup>2, 3</sup>                       | 87.6                | 74.3                |

<sup>1</sup> Based on the last birth to women in the 5 years preceding the survey

<sup>2</sup> Based on all births in the 5 years preceding the survey

<sup>3</sup> Doctor, auxiliary nurse midwife (ANM), nurse, midwife, lady health visitor (LHV), or other health personnel

**Table 58 Male involvement in maternal care: Men's report**

Among men age 15-49 whose youngest living child was age 0-35 months, percentage for whom the mother of the child received antenatal care (ANC), percentage who were present for at least one antenatal check-up, percentage who were told by a health provider or worker at any time during the pregnancy about specific signs of pregnancy complications, percentage to whom a health provider or worker spoke about specific aspects of maternal care at any time during the pregnancy, and percentage whose youngest child was delivered in a health facility, and among men with a child age 0-35 months whose youngest living child was not delivered in a health facility, percentage who were given specific home delivery related information, by residence, Assam, 2019-20

| Antenatal and delivery care information   | Urban | Rural | Total |
|---|-------|-------|-------|
| Percentage of men for whom the child's mother received antenatal care   | 100.0 | 94.7  | 95.3  |
| Percentage of men who were present at any antenatal care visit  | 85.6  | 72.2  | 73.9  |
| <b>Percentage who were told by a health provider or worker about the following signs of pregnancy complications:</b>                  |       |       |       |
| Vaginal bleeding  | 62.7  | 61.5  | 61.7  |
| Convulsions   | 63.0  | 57.7  | 58.4  |
| Prolonged labour  | 72.7  | 63.9  | 65.0  |
| Severe abdominal pain   | 80.4  | 70.0  | 71.3  |
| High blood pressure   | 65.4  | 64.1  | 64.2  |
| Percentage ever told what to do if the child's mother had any pregnancy complications   | 80.8  | 69.1  | 70.5  |
| Percentage whose youngest child age 0-35 months was delivered in a health facility  | 99.4  | 89.2  | 90.5  |
| <b>Percentage to whom a health provider or worker spoke about the following aspects of maternal care:</b>                             |       |       |       |
| The importance of delivering the baby in a health facility  | 95.5  | 81.7  | 83.5  |
| The importance of proper nutrition for the mother during pregnancy  | 94.6  | 84.9  | 86.2  |
| Family planning or delaying his next child  | 94.5  | 82.0  | 83.5  |
| Number of men with a youngest child age 0-35 months   | 111   | 778   | 889   |
| <b>Among men whose last child age 0-35 months was not delivered in a health facility, percentage who were told the importance of:</b> |       |       |       |
| Cord care   | *     | 48.4  | 48.0  |
| Breastfeeding the baby immediately after delivery   | *     | 61.3  | 61.6  |
| Keeping the baby warm immediately after birth   | *     | 51.7  | 52.1  |
| Number of men whose youngest child age 0-35 months was not delivered in a health facility   | 1     | 84    | 85    |

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



**Table 59 Vaccinations by background characteristics**

Percentage of children age 12-23 months who received specific vaccines at any time before the survey (according to a vaccination card or the mother's report), and percentage with a vaccination card seen by the interviewer, by background characteristics, Assam, 2019-20, and total for NFHS-4

| Background characteristic | Hepatitis B or Penta <sup>1</sup> |        |        |        | DPT or Penta |        |        | Polio <sup>2</sup> |        |        |        | MCV/<br>Measles/<br>MMR/MR | All basic<br>vaccinations <sup>3</sup> | All age<br>appropriate<br>vaccinations <sup>4</sup> | No<br>vaccinations | Percentage<br>with a<br>vaccination<br>card seen | Number<br>of<br>children |       |
|---------------------------|-----------------------------------|--------|--------|--------|--------------|--------|--------|--------------------|--------|--------|--------|----------------------------|--|---|--------------------|--|--------------------------|-------|
|                           | BCG                               | 0      | 1      | 2      | 3            | 1      | 2      | 3                  | 0      | 1      | 2      |                            |  |   |                    |  |                          | 3     |
| <b>Sex</b>                |                                   |        |        |        |              |        |        |                    |        |        |        |                            |  |   |                    |  |                          |       |
| Male                      | 91.9                              | 54.1   | 85.7   | 82.7   | 76.6         | 90.4   | 87.5   | 82.4               | 70.9   | 88.6   | 84.5   | 74.2                       | 82.2                                   | 67.7  | 37.8               | 5.8  | 88.1                     | 1,006 |
| Female                    | 93.1                              | 53.8   | 86.0   | 80.3   | 73.5         | 91.1   | 87.1   | 80.9               | 70.1   | 89.6   | 84.1   | 72.6                       | 83.5                                   | 65.2  | 34.9               | 4.5  | 88.5                     | 961   |
| <b>Birth order</b>        |                                   |        |        |        |              |        |        |                    |        |        |        |                            |  |   |                    |  |                          |       |
| 1                         | 93.4                              | 57.8   | 84.6   | 81.0   | 75.2         | 91.4   | 88.5   | 83.0               | 76.8   | 88.4   | 83.6   | 73.0                       | 84.5                                   | 66.1  | 38.6               | 5.4  | 89.4                     | 854   |
| 2-3                       | 93.1                              | 53.8   | 88.3   | 83.7   | 77.8         | 91.7   | 88.1   | 83.6               | 67.5   | 90.7   | 86.3   | 76.1                       | 84.2                                   | 69.1  | 37.3               | 3.9  | 88.8                     | 934   |
| 4-5                       | 88.7                              | 38.7   | 80.7   | 75.6   | 62.9         | 84.9   | 81.0   | 69.1               | 60.8   | 84.2   | 79.5   | 62.2                       | 70.5                                   | 55.7  | 23.6               | 9.5  | 84.6                     | 144   |
| 6 or more                 | (68.6)                            | (26.7) | (71.7) | (61.8) | (45.1)       | (71.7) | (61.8) | (48.0)             | (36.0) | (83.0) | (67.2) | (57.2)                     | (56.5)                                 | (45.5)  | (12.3)             | (17.0)   | (62.1)                   | 34    |
| <b>Residence</b>          |                                   |        |        |        |              |        |        |                    |        |        |        |                            |  |   |                    |  |                          |       |
| Urban                     | 92.6                              | 62.1   | 85.5   | 81.8   | 72.7         | 91.4   | 87.6   | 79.7               | 80.7   | 88.1   | 84.5   | 69.3                       | 77.2                                   | 63.1  | 37.5               | 5.4  | 87.5                     | 245   |
| Rural                     | 92.5                              | 52.8   | 85.9   | 81.5   | 75.4         | 90.6   | 87.3   | 82.0               | 69.1   | 89.2   | 84.3   | 74.0                       | 83.6                                   | 66.9  | 36.3               | 5.1  | 88.4                     | 1,722 |
| <b>Mother's schooling</b> |                                   |        |        |        |              |        |        |                    |        |        |        |                            |  |   |                    |  |                          |       |
| No schooling              | 87.2                              | 46.6   | 80.4   | 76.8   | 70.3         | 86.5   | 80.6   | 75.3               | 64.1   | 84.4   | 78.8   | 66.6                       | 76.9                                   | 59.4  | 29.6               | 8.1  | 86.7                     | 304   |
| <5 years complete         | 97.1                              | 55.6   | 90.9   | 84.6   | 78.8         | 94.0   | 88.4   | 85.3               | 65.5   | 90.2   | 82.9   | 70.0                       | 86.3                                   | 67.4  | 41.2               | 2.7  | 91.6                     | 188   |
| 5-7 years complete        | 92.8                              | 47.4   | 82.8   | 79.0   | 72.6         | 89.6   | 87.1   | 80.1               | 62.7   | 89.1   | 86.3   | 75.6                       | 82.6                                   | 67.7  | 30.6               | 6.2  | 88.3                     | 333   |
| 8-9 years complete        | 91.9                              | 55.0   | 86.9   | 82.6   | 75.3         | 91.3   | 88.6   | 82.4               | 73.5   | 91.5   | 86.1   | 77.2                       | 81.7                                   | 67.4  | 37.9               | 4.9  | 88.0                     | 572   |
| 10-11 years complete      | 94.4                              | 57.8   | 87.2   | 81.7   | 78.0         | 92.7   | 88.1   | 84.6               | 76.7   | 86.5   | 80.6   | 71.3                       | 85.9                                   | 66.3  | 38.8               | 4.6  | 89.5                     | 228   |
| 12 or more years complete | 94.1                              | 61.5   | 88.3   | 84.6   | 77.3         | 91.6   | 90.2   | 83.8               | 77.4   | 90.3   | 87.5   | 74.2                       | 86.4                                   | 69.5  | 41.5               | 3.9  | 87.4                     | 342   |
| <b>Religion</b>           |                                   |        |        |        |              |        |        |                    |        |        |        |                            |  |   |                    |  |                          |       |
| Hindu                     | 94.2                              | 56.1   | 87.7   | 84.3   | 78.7         | 92.7   | 90.7   | 86.0               | 74.4   | 91.0   | 88.4   | 76.1                       | 87.4                                   | 70.6  | 38.9               | 4.5  | 88.5                     | 1,054 |
| Muslim                    | 90.5                              | 51.2   | 83.8   | 78.4   | 70.7         | 88.6   | 83.3   | 76.5               | 65.7   | 87.0   | 79.8   | 70.7                       | 77.6                                   | 61.8  | 33.7               | 6.0  | 88.1                     | 869   |
| Christian                 | 91.3                              | 58.0   | 81.1   | 78.7   | 75.4         | 86.2   | 85.6   | 82.4               | 69.7   | 85.4   | 78.1   | 65.6                       | 78.2                                   | 60.5  | 32.2               | 6.8  | 86.5                     | 42    |

Continued...

**Table 59 Vaccinations by background characteristics—Continued**

Percentage of children age 12-23 months who received specific vaccines at any time before the survey (according to a vaccination card or the mother's report), and percentage with a vaccination card seen by the interviewer, by background characteristics, Assam, 2019-20, and total for NFHS-4

| Background characteristic | BCG  | Hepatitis B or Penta <sup>1</sup> |      |      |      | DPT or Penta |      |      | Polio <sup>2</sup> |      |      |      | MCV/<br>Measles/<br>MMR/MR | All basic<br>vaccinations <sup>3</sup> | All age<br>appropriate<br>vaccinations <sup>4</sup> | No<br>vaccinations | Percentage<br>with a<br>vaccination<br>card seen | Number<br>of<br>children |
|---------------------------|------|-----------------------------------|------|------|------|--------------|------|------|--------------------|------|------|------|----------------------------|--|---|--------------------|--|--------------------------|
|                           |      | 0                                 | 1    | 2    | 3    | 1            | 2    | 3    | 0                  | 1    | 2    | 3    |                            |  |   |                    |  |                          |
| <b>Caste/tribe</b>        |      |                                   |      |      |      |              |      |      |                    |      |      |      |                            |  |   |                    |  |                          |
| Scheduled caste           | 91.8 | 58.7                              | 84.2 | 80.6 | 73.9 | 90.1         | 88.8 | 83.3 | 73.4               | 90.6 | 88.6 | 72.9 | 83.7                       | 66.6                                   | 39.3  | 6.0                | 85.2   | 269                      |
| Scheduled tribe           | 94.4 | 55.4                              | 87.6 | 82.6 | 77.8 | 92.6         | 89.2 | 85.4 | 72.2               | 88.5 | 83.4 | 72.4 | 82.7                       | 67.5                                   | 36.9  | 4.4                | 88.8   | 206                      |
| Other backward class      | 95.3 | 53.7                              | 89.8 | 86.6 | 80.4 | 94.7         | 92.7 | 87.0 | 75.5               | 92.7 | 90.3 | 77.5 | 90.1                       | 72.3                                   | 38.7  | 3.4                | 92.2   | 430                      |
| Other                     | 91.3 | 52.5                              | 84.4 | 79.6 | 72.6 | 89.0         | 84.5 | 78.4 | 67.6               | 87.3 | 80.8 | 71.9 | 79.7                       | 63.8                                   | 34.6  | 5.9                | 87.7   | 1,052                    |
| <b>Total</b>              | 92.5 | 53.9                              | 85.8 | 81.5 | 75.1 | 90.7         | 87.3 | 81.7 | 70.5               | 89.1 | 84.3 | 73.4 | 82.8                       | 66.4                                   | 36.4  | 5.2                | 88.3   | 1,967                    |
| NFHS-4 (2015-16)          | 82.3 | 45.4                              | 74.9 | 68.2 | 52.0 | 81.4         | 76.9 | 66.5 | 56.6               | 83.0 | 75.0 | 56.0 | 71.4                       | 47.1                                   | na  | 13.8               | 55.3   | 1,939                    |

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, the date of vaccination is not collected. The proportions of vaccinations given during the first year 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. Total includes children belonging to other religions, and children whose caste/tribe is not known, who are not shown separately.

na=Not available

<sup>1</sup> Hepatitis B 0 is the hepatitis vaccination given at birth. There is no Penta 0 vaccine.

<sup>2</sup> Polio 0 is the polio vaccination given at birth

<sup>3</sup> BCG, MCV/Measles/MMR/MR, and three doses each of DPT/Penta and polio vaccine (excluding polio vaccine given at birth)

<sup>4</sup> BCG, MCV/Measles/MMR/MR, four doses of hepatitis B, and three doses each of DPT/Penta and polio vaccine (excluding polio vaccine given at birth)

Table 60 Vaccinations by district

Percentage of children age 12-23 months who received specific vaccines at any time before the survey (according to a vaccination card or the mother's report), and percentage with a vaccination card seen by the interviewer, by district, Assam, 2019-20, and total for NFHS-4

| District                | Hepatitis B or Penta <sup>1</sup> |        |        |        | DPT or Penta |         |        | Polio <sup>2</sup> |        |        |        | MCV/<br>Measles/<br>MMR/MR | All basic<br>vaccinations <sup>3</sup> | All age<br>appropriate<br>vaccinations <sup>4</sup> | No<br>vaccinations | Percentage<br>with a<br>vaccination<br>card seen | Number<br>of<br>children |       |
|-------------------------|-----------------------------------|--------|--------|--------|--------------|---------|--------|--------------------|--------|--------|--------|----------------------------|--|---|--------------------|--|--------------------------|-------|
|                         | BCG                               | 0      | 1      | 2      | 3            | 1       | 2      | 3                  | 0      | 1      | 2      |                            |  |   |                    |  |                          | 3     |
| Baksa                   | 93.6                              | 63.8   | 79.9   | 75.8   | 68.3         | 93.6    | 91.9   | 87.2               | 71.7   | 91.8   | 91.8   | 78.3                       | 91.9                                   | 70.5  | 37.1               | 4.8  | 95.3                     | 63    |
| Barpeta                 | 94.3                              | 62.3   | 88.2   | 79.9   | 67.8         | 94.3    | 90.1   | 73.6               | 70.0   | 90.0   | 85.7   | 67.5                       | 83.8                                   | 54.6  | 34.4               | 2.8  | 87.0                     | 112   |
| Biswanath               | 88.3                              | 61.6   | 91.6   | 90.1   | 82.6         | 92.9    | 91.4   | 82.5               | 64.2   | 88.7   | 79.5   | 69.2                       | 87.2                                   | 66.2  | 46.7               | 7.1  | 87.1                     | 32    |
| Bongaigaon              | 94.1                              | 61.3   | 80.9   | 79.4   | 71.3         | 85.6    | 85.6   | 80.4               | 76.1   | 87.1   | 82.8   | 74.7                       | 84.2                                   | 67.9  | 39.2               | 5.9  | 86.9                     | 51    |
| Cachar                  | 88.3                              | 43.1   | 77.0   | 68.2   | 63.8         | 86.9    | 84.1   | 82.5               | 64.2   | 85.4   | 82.4   | 74.4                       | 76.9                                   | 70.4  | 26.5               | 10.2   | 84.1                     | 132   |
| Charaideo               | (96.2)                            | (66.8) | (87.7) | (81.5) | (79.6)       | (96.3)  | (92.2) | (90.1)             | (86.0) | (94.1) | (92.0) | (82.0)                     | (90.0)                                 | (74.0)  | (44.5)             | (1.9)  | (88.1)                   | 23    |
| Chirang                 | 98.2                              | 57.7   | 89.5   | 87.8   | 84.5         | 91.4    | 89.7   | 86.4               | 71.3   | 86.8   | 84.8   | 77.9                       | 89.3                                   | 71.1  | 46.2               | 0.0  | 94.3                     | 29    |
| Darrang                 | 94.9                              | 58.1   | 84.7   | 82.2   | 70.4         | 91.0    | 87.2   | 76.7               | 74.3   | 85.8   | 80.1   | 68.7                       | 82.2                                   | 57.1  | 33.3               | 3.9  | 89.6                     | 73    |
| Dhemaji                 | 96.7                              | 43.2   | 93.2   | 93.2   | 90.0         | 96.4    | 96.4   | 94.7               | 61.9   | 98.5   | 98.5   | 95.3                       | 93.2                                   | 89.7  | 34.5               | 1.5  | 97.0                     | 43    |
| Dhubri                  | 90.5                              | 56.6   | 89.6   | 85.6   | 81.4         | 93.5    | 89.5   | 82.7               | 67.2   | 90.7   | 88.2   | 77.3                       | 84.0                                   | 71.6  | 50.1               | 5.2  | 93.3                     | 107   |
| Dibrugarh               | (97.8)                            | (74.7) | (97.8) | (97.8) | (93.0)       | (97.8)  | (97.8) | (93.0)             | (91.3) | (95.2) | (95.2) | (83.8)                     | (97.8)                                 | (83.8)  | (65.6)             | (2.2)  | (93.4)                   | 66    |
| Dima Hasao              | (91.3)                            | (63.8) | (83.3) | (75.9) | (69.9)       | (83.3)  | (75.9) | (71.9)             | (78.0) | (87.4) | (81.7) | (73.6)                     | (71.7)                                 | (63.6)  | (48.0)             | (8.7)  | (91.4)                   | 10    |
| Goalpara                | 98.4                              | 66.8   | 91.9   | 90.4   | 87.2         | 95.3    | 95.3   | 90.6               | 79.8   | 90.6   | 85.8   | 71.9                       | 90.6                                   | 70.3  | 46.4               | 1.6  | 92.2                     | 59    |
| Golaghat                | (92.6)                            | (47.4) | (90.9) | (90.9) | (82.8)       | (90.9)  | (90.9) | (84.9)             | (72.0) | (93.0) | (90.9) | (79.7)                     | (87.5)                                 | (72.4)  | (37.4)             | (4.9)  | (89.7)                   | 49    |
| Hailakandi              | 95.4                              | 40.5   | 85.0   | 81.6   | 77.4         | 87.9    | 83.1   | 78.9               | 62.5   | 93.8   | 87.9   | 77.8                       | 85.6                                   | 68.6  | 25.4               | 3.2  | 89.3                     | 52    |
| Hojai                   | 82.1                              | 47.7   | 66.2   | 62.5   | 55.6         | 73.3    | 67.8   | 60.8               | 51.3   | 74.7   | 67.8   | 60.9                       | 59.3                                   | 55.4  | 31.8               | 14.3   | 84.5                     | 13    |
| Jorhat                  | 100.0                             | 57.2   | 89.7   | 87.9   | 78.4         | 93.4    | 91.6   | 79.8               | 89.3   | 98.2   | 96.4   | 79.4                       | 83.3                                   | 69.2  | 41.9               | 0.0  | 95.4                     | 55    |
| Kamrup                  | 90.5                              | 63.0   | 80.7   | 79.3   | 73.2         | 90.7    | 88.9   | 86.1               | 85.7   | 89.1   | 82.4   | 70.1                       | 82.9                                   | 63.6  | 35.8               | 6.1  | 78.2                     | 105   |
| Kamrup Metropolitan     | (90.6)                            | (50.8) | (92.7) | (85.0) | (71.2)       | (92.7)  | (86.7) | (77.0)             | (73.6) | (80.7) | (78.6) | (59.1)                     | (74.7)                                 | (53.6)  | (26.7)             | (5.5)  | (75.1)                   | 62    |
| Karbi Anglong           | 88.7                              | 36.7   | 80.3   | 80.3   | 66.9         | 85.5    | 85.5   | 75.3               | 48.8   | 89.3   | 88.0   | 65.9                       | 76.2                                   | 64.3  | 24.8               | 9.3  | 84.6                     | 40    |
| Karimganj               | 95.5                              | 31.6   | 89.5   | 88.3   | 80.2         | 91.1    | 89.9   | 84.0               | 61.4   | 93.0   | 90.4   | 84.2                       | 85.5                                   | 75.1  | 22.8               | 3.2  | 95.6                     | 105   |
| Kokrajhar               | 95.3                              | 61.9   | 79.7   | 75.7   | 70.4         | 85.8    | 81.5   | 76.2               | 72.1   | 80.6   | 75.2   | 59.9                       | 79.5                                   | 51.1  | 30.3               | 4.7  | 94.5                     | 66    |
| Lakhimpur               | 94.5                              | 46.2   | 93.2   | 88.0   | 84.6         | 94.7    | 92.8   | 87.7               | 65.0   | 92.7   | 83.0   | 74.3                       | 86.3                                   | 69.0  | 27.7               | 3.7  | 93.0                     | 59    |
| Majuli                  | 95.2                              | 57.2   | 92.2   | 90.8   | 80.3         | 95.2    | 93.8   | 86.4               | 81.5   | 95.2   | 92.1   | 84.2                       | 90.9                                   | 78.6  | 43.1               | 4.8  | 92.1                     | 11    |
| Morigaon                | 91.3                              | 57.3   | 87.5   | 84.5   | 83.0         | 90.7    | 89.3   | 87.9               | 61.7   | 87.9   | 85.1   | 77.0                       | 88.4                                   | 73.4  | 37.1               | 5.6  | 83.1                     | 64    |
| Nagaon                  | 86.9                              | 50.7   | 81.8   | 70.7   | 64.6         | 87.4    | 76.7   | 73.6               | 67.7   | 86.8   | 75.5   | 67.2                       | 67.3                                   | 58.2  | 38.9               | 7.1  | 85.6                     | 182   |
| Nalbari                 | (89.9)                            | (64.9) | (80.9) | (80.9) | (71.1)       | (89.8)  | (87.5) | (85.2)             | (84.3) | (86.2) | (79.1) | (73.4)                     | (87.7)                                 | (65.5)  | (42.9)             | (5.0)  | (76.1)                   | 34    |
| Sivasagar               | (95.7)                            | (60.1) | (91.1) | (86.3) | (83.8)       | (95.2)  | (93.1) | (90.5)             | (78.0) | (95.2) | (80.9) | (81.9)                     | (90.5)                                 | (77.6)  | (48.5)             | (0.0)  | (98.0)                   | 33    |
| Sonitpur                | 90.4                              | 58.6   | 83.1   | 80.7   | 75.0         | 84.9    | 82.5   | 76.8               | 61.1   | 86.5   | 82.4   | 76.5                       | 80.4                                   | 70.9  | 39.5               | 9.6  | 85.8                     | 73    |
| South Salmara Mancachar | 97.0                              | 44.4   | 84.0   | 79.2   | 73.7         | 88.6    | 85.2   | 81.9               | 61.7   | 93.5   | 85.3   | 74.1                       | 85.3                                   | 65.8  | 29.3               | 3.0  | 95.9                     | 52    |
| Tinsukia                | (97.2)                            | (51.0) | (97.5) | (92.5) | (90.2)       | (100.0) | (95.0) | (92.7)             | (79.2) | (97.5) | (95.1) | (82.8)                     | (95.0)                                 | (75.0)  | (46.0)             | (0.0)  | (95.3)                   | 53    |
| Udalguri                | (78.6)                            | (53.9) | (76.4) | (72.1) | (65.7)       | (82.6)  | (76.2) | (68.0)             | (63.6) | (69.2) | (56.8) | (48.6)                     | (75.9)                                 | (38.2)  | (20.4)             | (17.4)   | (66.1)                   | 41    |
| West Karbi Anglong      | 92.7                              | 36.9   | 77.4   | 68.7   | 65.6         | 88.2    | 75.4   | 70.3               | 60.1   | 80.4   | 67.4   | 52.9                       | 66.6                                   | 47.9  | 15.7               | 7.3  | 81.9                     | 17    |
| Assam                   | 92.5                              | 53.9   | 85.8   | 81.5   | 75.1         | 90.7    | 87.3   | 81.7               | 70.5   | 89.1   | 84.3   | 73.4                       | 82.8                                   | 66.4  | 36.4               | 5.2  | 88.3                     | 1,967 |

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, the date of vaccination is not collected. The proportions of vaccinations given during the first year 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.

<sup>1</sup> Hepatitis B 0 is the hepatitis vaccination given at birth. There is no Penta 0 vaccine.

<sup>2</sup> Polio 0 is the polio vaccination given at birth

<sup>3</sup> BCG, measles, and three doses each of DPT/Penta and polio vaccine (excluding polio vaccine given at birth)

<sup>4</sup> BCG, MCV/Measles/MMR/MR, four doses of hepatitis B, and three doses each of DPT and polio vaccine (excluding polio vaccine given at birth)

**Table 61 Prevalence and treatment of symptoms of ARI and fever**

Among children under age 5 years, percentage who had symptoms of acute respiratory infection (ARI) and fever in the 2 weeks preceding the survey and among children with symptoms of ARI and fever in the 2 weeks preceding the survey, percentage for whom advice or treatment was sought from a facility or provider, according to background characteristics, Assam, 2019-20

| Background characteristic | Children under age five                      |                       |                    | Children under age five with symptoms of ARI   |                                     |                    | Children under age five with fever   |                    |
|---------------------------|--|-----------------------|--------------------|--|-------------------------------------|--------------------|--|--------------------|
|                           | Percentage with symptoms of ARI <sup>1</sup> | Percentage with fever | Number of children | Percentage for whom treatment was sought from a health facility or provider <sup>2</sup> | Percentage who received antibiotics | Number of children | Percentage for whom treatment was sought from a health facility or provider <sup>2</sup> | Number of children |
| <b>Age in months</b>      |  |                       |                    |  |                                     |                    |  |                    |
| <6                        | 2.7  | 11.8                  | 961                | (36.5)   | (20.7)                              | 26                 | 55.4   | 112                |
| 6-11                      | 2.7  | 22.8                  | 1,026              | (51.9)   | (37.8)                              | 28                 | 51.2   | 234                |
| 12-23                     | 3.0  | 19.2                  | 1,968              | 45.2   | 20.6                                | 60                 | 54.9   | 377                |
| 24-35                     | 2.6  | 16.9                  | 2,136              | 44.3   | 25.7                                | 56                 | 56.0   | 361                |
| 36-47                     | 2.5  | 18.9                  | 2,072              | 52.3   | 31.2                                | 51                 | 57.2   | 392                |
| 48-59                     | 1.7  | 16.1                  | 2,164              | (42.4)   | (25.0)                              | 37                 | 47.3   | 349                |
| <b>Sex</b>                |  |                       |                    |  |                                     |                    |  |                    |
| Male                      | 2.9  | 17.8                  | 5,253              | 46.8   | 27.8                                | 153                | 55.2   | 933                |
| Female                    | 2.1  | 17.6                  | 5,070              | 44.5   | 24.2                                | 105                | 52.2   | 893                |
| <b>Residence</b>          |  |                       |                    |  |                                     |                    |  |                    |
| Urban                     | 2.5  | 17.2                  | 1,146              | (60.9)   | (34.3)                              | 28                 | 56.2   | 197                |
| Rural                     | 2.5  | 17.8                  | 9,177              | 44.0   | 25.4                                | 229                | 53.4   | 1,629              |
| <b>Mother's schooling</b> |  |                       |                    |  |                                     |                    |  |                    |
| No schooling              | 2.8  | 17.2                  | 1,713              | 39.3   | 20.9                                | 48                 | 50.9   | 295                |
| <5 years complete         | 2.6  | 15.7                  | 1,070              | (48.5)   | (24.8)                              | 28                 | 56.2   | 168                |
| 5-7 years complete        | 3.1  | 16.9                  | 1,692              | (49.7)   | (23.8)                              | 52                 | 51.2   | 286                |
| 8-9 years complete        | 2.3  | 18.8                  | 3,030              | 30.3   | 26.3                                | 70                 | 52.7   | 569                |
| 10-11 years complete      | 2.3  | 17.9                  | 1,178              | (68.3)   | (27.4)                              | 27                 | 56.7   | 211                |
| 12 or more years complete | 2.0  | 18.2                  | 1,640              | (62.1)   | (38.9)                              | 32                 | 57.3   | 299                |
| <b>Religion</b>           |  |                       |                    |  |                                     |                    |  |                    |
| Hindu                     | 2.0  | 16.8                  | 5,406              | 41.6   | 17.4                                | 106                | 54.6   | 907                |
| Muslim                    | 3.2  | 18.8                  | 4,654              | 49.0   | 32.0                                | 147                | 53.3   | 873                |
| Christian                 | 1.6  | 18.5                  | 245                | *  | *                                   | 4                  | 44.8   | 45                 |
| <b>Caste/tribe</b>        |  |                       |                    |  |                                     |                    |  |                    |
| Scheduled caste           | 2.1  | 14.9                  | 1,216              | (25.7)   | (13.2)                              | 25                 | 57.4   | 182                |
| Scheduled tribe           | 2.2  | 14.7                  | 1,112              | (42.5)   | (24.4)                              | 25                 | 46.8   | 163                |
| Other backward class      | 2.4  | 19.2                  | 2,334              | 45.0   | 18.5                                | 55                 | 53.0   | 448                |
| Other                     | 2.7  | 18.3                  | 5,627              | 50.1   | 31.6                                | 153                | 54.6   | 1,030              |
| Total                     | 2.5  | 17.7                  | 10,323             | 45.9   | 26.3                                | 258                | 53.7   | 1,827              |

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. Total includes children belonging to other religions, and children whose caste/tribe is not known, who are not shown separately.

<sup>1</sup> Symptoms of ARI are cough accompanied by short, rapid breathing which is chest related and/or difficult breathing which is chest related

<sup>2</sup> Includes advice or treatment from the public health sector, the private health sector, or shop. Excludes advice or treatment from a traditional healer or friend/relative

**Table 62 Prevalence and treatment of diarrhoea**

Percentage of children under age 5 years who had diarrhoea in the 2 weeks preceding the survey and among children under age 5 years who had diarrhoea in the 2 weeks preceding the survey, percentage who received advice or treatment from a health facility or health provider, percentage who received oral rehydration therapy (ORT), percentage who were given other treatments, and percentage who were given no treatment, by background characteristics, Assam, 2019-20

| Background characteristic | Percentage of children with diarrhoea | Number of children | Percentage of children with diarrhoea for whom advice or treatment was sought from a health facility or provider <sup>1</sup> | Percentage of children who were given: |        |                     |                  |                                       |        | Percentage who were given other treatments |                         |  |                 |                   |                         |                      |                           | Number of children with diarrhoea |              |
|---------------------------|---------------------------------------|--------------------|---|--|--------|---------------------|------------------|---------------------------------------|--------|--|-------------------------|--|-----------------|-------------------|-------------------------|----------------------|---------------------------|-----------------------------------|--------------|
|                           |                                       |                    |   | A fluid made from an ORS packet        | Gruel  | Either ORS or gruel | Increased fluids | ORT (ORS, gruel, or increased fluids) | Zinc   | ORS and zinc                               | ORS or increased fluids | Continued feeding and ORT <sup>2</sup> | Antibiotic drug | Antimotility drug | Other drug <sup>3</sup> | Intravenous solution | Home remedy herbal/ other |                                   | No treatment |
| <b>Age in months</b>      |                                       |                    |   |  |        |                     |                  |                                       |        |  |                         |  |                 |                   |                         |                      |                           |                                   |              |
| <6                        | 2.7                                   | 957                | (47.0)  | (35.9)                                 | (9.0)  | (35.9)              | (0.0)            | (35.9)                                | (30.2) | (17.2)                                     | (35.9)                  | (24.8)                                 | (7.3)           | (0.0)             | (14.9)                  | (0.0)                | (14.2)                    | (38.7)                            | 26           |
| 6-11                      | 8.7                                   | 1,026              | 52.1  | 44.5                                   | 19.9   | 49.1                | 0.0              | 49.1                                  | 21.4   | 11.2                                       | 44.5                    | 33.5                                   | 8.0             | 4.1               | 8.5                     | 0.8                  | 9.2                       | 28.7                              | 89           |
| 12-23                     | 6.5                                   | 1,968              | 56.5  | 76.1                                   | 31.9   | 79.0                | 1.5              | 79.0                                  | 30.5   | 27.9                                       | 76.1                    | 66.6                                   | 13.0            | 0.7               | 9.5                     | 2.5                  | 6.1                       | 16.9                              | 129          |
| 24-35                     | 4.9                                   | 2,136              | 52.3  | 77.6                                   | 40.5   | 85.5                | 5.0              | 85.5                                  | 28.2   | 25.6                                       | 77.6                    | 66.1                                   | 19.0            | 1.9               | 14.9                    | 1.2                  | 3.1                       | 7.3                               | 104          |
| 36-47                     | 4.9                                   | 2,074              | 54.1  | 80.7                                   | 33.8   | 83.6                | 1.2              | 84.0                                  | 34.5   | 33.0                                       | 81.1                    | 67.3                                   | 21.1            | 1.4               | 4.8                     | 1.4                  | 6.9                       | 13.6                              | 101          |
| 48-59                     | 5.3                                   | 2,163              | 53.3  | 70.0                                   | 34.4   | 75.1                | 0.8              | 75.1                                  | 23.8   | 19.4                                       | 70.0                    | 56.1                                   | 15.0            | 2.9               | 12.8                    | 1.1                  | 3.2                       | 13.5                              | 115          |
| <b>Sex</b>                |                                       |                    |   |  |        |                     |                  |                                       |        |  |                         |  |                 |                   |                         |                      |                           |                                   |              |
| Male                      | 5.6                                   | 5,253              | 56.9  | 71.3                                   | 35.0   | 75.7                | 1.3              | 75.8                                  | 25.6   | 21.6                                       | 71.5                    | 58.1                                   | 16.2            | 2.4               | 10.7                    | 1.8                  | 6.3                       | 15.9                              | 294          |
| Female                    | 5.3                                   | 5,070              | 49.8  | 66.6                                   | 27.4   | 71.1                | 2.0              | 71.1                                  | 30.6   | 25.6                                       | 66.6                    | 56.4                                   | 13.5            | 1.5               | 10.2                    | 1.0                  | 5.6                       | 17.7                              | 269          |
| <b>Residence</b>          |                                       |                    |   |  |        |                     |                  |                                       |        |  |                         |  |                 |                   |                         |                      |                           |                                   |              |
| Urban                     | 2.7                                   | 1,146              | (61.8)  | (81.0)                                 | (14.0) | (81.0)              | (0.0)            | (81.0)                                | (27.0) | (24.4)                                     | (81.0)                  | (70.0)                                 | (19.8)          | (0.0)             | (0.0)                   | (0.0)                | (15.6)                    | (12.3)                            | 31           |
| Rural                     | 5.8                                   | 9,177              | 53.0  | 68.4                                   | 32.4   | 73.0                | 1.7              | 73.1                                  | 28.0   | 23.4                                       | 68.4                    | 56.6                                   | 14.6            | 2.1               | 11.0                    | 1.5                  | 5.4                       | 17.0                              | 532          |
| <b>Mother's schooling</b> |                                       |                    |   |  |        |                     |                  |                                       |        |  |                         |  |                 |                   |                         |                      |                           |                                   |              |
| No schooling              | 6.2                                   | 1,713              | 57.2  | 57.9                                   | 28.7   | 63.0                | 1.2              | 63.0                                  | 24.5   | 19.0                                       | 57.9                    | 46.5                                   | 17.8            | 2.7               | 9.7                     | 1.2                  | 4.6                       | 24.1                              | 107          |
| <5 years complete         | 6.2                                   | 1,070              | 47.6  | 75.6                                   | 24.6   | 77.7                | 0.0              | 77.7                                  | 29.1   | 26.9                                       | 75.6                    | 70.7                                   | 17.4            | 0.0               | 10.0                    | 1.1                  | 13.8                      | 13.9                              | 66           |
| 5-7 years complete        | 6.1                                   | 1,692              | 34.5  | 71.0                                   | 35.8   | 74.7                | 3.6              | 75.1                                  | 29.8   | 23.8                                       | 71.4                    | 56.5                                   | 11.4            | 2.5               | 11.0                    | 0.0                  | 2.5                       | 13.7                              | 103          |
| 8-9 years complete        | 5.4                                   | 3,030              | 66.2  | 71.8                                   | 34.9   | 77.4                | 2.6              | 77.4                                  | 26.4   | 24.1                                       | 71.8                    | 58.1                                   | 14.9            | 2.1               | 13.4                    | 0.8                  | 5.3                       | 17.0                              | 164          |
| 10-11 years complete      | 4.9                                   | 1,178              | 54.7  | 72.7                                   | 25.7   | 74.9                | 0.0              | 74.9                                  | 35.2   | 31.6                                       | 72.7                    | 67.4                                   | 7.8             | 0.0               | 3.7                     | 4.5                  | 14.5                      | 10.2                              | 58           |
| 12 or more years complete | 4.0                                   | 1,640              | 50.6  | 67.4                                   | 32.1   | 73.2                | 0.0              | 73.2                                  | 27.1   | 18.3                                       | 67.4                    | 51.7                                   | 19.7            | 3.6               | 9.7                     | 3.0                  | 0.0                       | 17.4                              | 65           |

Continued...

Table 62 Prevalence and treatment of diarrhoea—Continued

Percentage of children under age 5 years who had diarrhoea in the 2 weeks preceding the survey and among children under age 5 years who had diarrhoea in the 2 weeks preceding the survey, percentage who received advice or treatment from a health facility or health provider, percentage who received oral rehydration therapy (ORT), percentage who were given other treatments, and percentage who were given no treatment, by background characteristics, Assam, 2019-20

| Background characteristic                   | Percentage of children with diarrhoea | Number of children | Percentage of children with diarrhoea for whom advice or treatment was sought from a health facility or provider <sup>1</sup> | Percentage of children who were given: |        |                     |                  |                                       |        |              | Percentage who were given other treatments |  |                 |                   |                         |                      |                          | Number of children with diarrhoea |              |    |
|---|---------------------------------------|--------------------|---|--|--------|---------------------|------------------|---------------------------------------|--------|--------------|--|--|-----------------|-------------------|-------------------------|----------------------|--------------------------|-----------------------------------|--------------|----|
|   |                                       |                    |   | A fluid made from an ORS packet        | Gruel  | Either ORS or gruel | Increased fluids | ORT (ORS, gruel, or increased fluids) | Zinc   | ORS and zinc | ORS or increased fluids                    | Continued feeding and ORT <sup>2</sup> | Antibiotic drug | Antimotility drug | Other drug <sup>3</sup> | Intravenous solution | Home remedy herbal/other |                                   | No treatment |    |
| <b>Religion</b>                             |                                       |                    |   |  |        |                     |                  |                                       |        |              |  |  |                 |                   |                         |                      |                          |                                   |              |    |
| Hindu                                       | 4.7                                   | 5,406              | 54.0  | 67.1                                   | 31.7   | 74.0                | 1.7              | 74.1                                  | 27.4   | 22.8         | 67.2                                       | 59.7                                   | 10.9            | 2.5               | 7.3                     | 0.8                  | 6.3                      | 17.1                              | 252          |    |
| Muslim                                      | 6.4                                   | 4,654              | 52.0  | 70.8                                   | 29.8   | 72.7                | 1.7              | 72.7                                  | 27.9   | 23.3         | 70.8                                       | 56.0                                   | 17.4            | 1.7               | 12.9                    | 2.0                  | 5.5                      | 16.7                              | 297          |    |
| Christian                                   | 6.2                                   | 245                | *   | *                                      | *      | *                   | *                | *                                     | *      | *            | *  | *                                      | *               | *                 | *                       | *                    | *                        | *                                 | *            | 15 |
| <b>Caste/tribe</b>                          |                                       |                    |   |  |        |                     |                  |                                       |        |              |  |  |                 |                   |                         |                      |                          |                                   |              |    |
| Scheduled caste                             | 3.6                                   | 1,216              | (60.2)  | (75.5)                                 | (40.4) | (85.1)              | (0.0)            | (85.1)                                | (40.1) | (35.2)       | (75.5)                                     | (71.5)                                 | (14.0)          | (5.0)             | (7.5)                   | (2.9)                | (10.1)                   | (4.3)                             | 44           |    |
| Scheduled tribe                             | 4.9                                   | 1,112              | 54.2  | 62.1                                   | 31.6   | 67.6                | 3.8              | 67.6                                  | 22.1   | 17.5         | 62.1                                       | 46.6                                   | 15.8            | 0.3               | 8.0                     | 0.0                  | 1.7                      | 26.2                              | 54           |    |
| Other backward class                        | 5.6                                   | 2,334              | 56.3  | 63.9                                   | 34.0   | 73.2                | 2.6              | 73.5                                  | 25.7   | 22.5         | 64.2                                       | 57.5                                   | 10.7            | 1.8               | 9.1                     | 0.6                  | 7.8                      | 18.0                              | 130          |    |
| Other                                       | 6.0                                   | 5,627              | 51.4  | 71.4                                   | 29.2   | 73.0                | 1.2              | 73.0                                  | 28.2   | 23.3         | 71.4                                       | 57.1                                   | 16.5            | 1.9               | 11.7                    | 1.7                  | 5.4                      | 16.3                              | 336          |    |
| <b>Source of drinking water<sup>4</sup></b> |                                       |                    |   |  |        |                     |                  |                                       |        |              |  |  |                 |                   |                         |                      |                          |                                   |              |    |
| Improved                                    | 5.4                                   | 8,760              | 53.9  | 70.4                                   | 29.4   | 74.4                | 1.7              | 74.4                                  | 27.5   | 23.5         | 70.4                                       | 58.0                                   | 14.2            | 1.6               | 10.6                    | 1.7                  | 6.0                      | 17.1                              | 470          |    |
| Unimproved                                  | 6.1                                   | 1,450              | 50.6  | 62.0                                   | 40.0   | 68.6                | 1.6              | 69.1                                  | 29.6   | 23.6         | 62.5                                       | 55.5                                   | 19.4            | 4.0               | 10.2                    | 0.0                  | 6.5                      | 15.9                              | 89           |    |
| Other                                       | 3.7                                   | 113                | *   | *                                      | *      | *                   | *                | *                                     | *      | *            | *  | *                                      | *               | *                 | *                       | *                    | *                        | *                                 | *            | 4  |
| <b>Toilet facility<sup>4</sup></b>          |                                       |                    |   |  |        |                     |                  |                                       |        |              |  |  |                 |                   |                         |                      |                          |                                   |              |    |
| Improved                                    | 5.0                                   | 6,400              | 56.6  | 70.8                                   | 32.0   | 75.1                | 1.7              | 75.2                                  | 29.7   | 25.2         | 71.0                                       | 60.8                                   | 11.1            | 2.4               | 10.8                    | 2.0                  | 6.9                      | 17.4                              | 320          |    |
| Shared <sup>5</sup>                         | 5.9                                   | 1,248              | 58.1  | 72.4                                   | 23.2   | 73.6                | 1.5              | 73.6                                  | 27.0   | 21.5         | 72.4                                       | 56.2                                   | 27.6            | 1.6               | 6.7                     | 0.0                  | 2.6                      | 17.0                              | 74           |    |
| Unimproved                                  | 6.0                                   | 2,146              | 49.7  | 69.0                                   | 34.5   | 74.2                | 2.0              | 74.2                                  | 28.3   | 24.8         | 69.0                                       | 53.0                                   | 15.3            | 1.6               | 13.5                    | 1.1                  | 4.8                      | 14.4                              | 128          |    |
| No facility/open defecation                 | 7.9                                   | 529                | (32.9)  | (49.8)                                 | (31.5) | (58.8)              | (0.0)            | (58.8)                                | (15.3) | (10.3)       | (49.8)                                     | (45.9)                                 | (20.6)          | (0.9)             | (4.9)                   | (0.0)                | (9.1)                    | (18.9)                            | 42           |    |
| Total                                       | 5.5                                   | 10,323             | 53.5  | 69.1                                   | 31.4   | 73.5                | 1.6              | 73.6                                  | 28.0   | 23.5         | 69.1                                       | 57.3                                   | 14.9            | 2.0               | 10.4                    | 1.4                  | 6.0                      | 16.7                              | 564          |    |

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. Total includes children belonging to other religions, and children whose caste/tribe is not known, who are not shown separately.

<sup>1</sup> Includes advice or treatment from the public health sector, the private health sector, or shop. Excludes advice or treatment from a traditional healer or friend/relative

<sup>2</sup> Continued feeding includes children who were given more, same as usual, or somewhat less food during the diarrhoea episode

<sup>3</sup> Includes injection and unknown pill or syrup

<sup>4</sup> See Table 4 for definition of categories

<sup>5</sup> Facilities that would be considered improved if they were not shared by two or more households

**Table 63 Feeding practices during diarrhoea**

Percent distribution of children under age 5 years who had diarrhoea in the 2 weeks preceding the survey by amount of liquids and food given compared with normal practice, according to background characteristics, Assam, 2019-20

| Background characteristic | Amount of liquids given |               |               |           |        |            | Total   | Amount of food given |               |               |           |       |                 | Total | Number of children with diarrhoea |            |
|---------------------------|-------------------------|---------------|---------------|-----------|--------|------------|---------|----------------------|---------------|---------------|-----------|-------|-----------------|-------|-----------------------------------|------------|
|                           | More                    | Same as usual | Somewhat less | Much less | None   | Don't know |         | More                 | Same as usual | Somewhat less | Much less | None  | Never gave food |       |                                   | Don't know |
| <b>Age in months</b>      |                         |               |               |           |        |            |         |                      |               |               |           |       |                 |       |                                   |            |
| <6                        | (0.0)                   | (33.1)        | (29.0)        | (11.3)    | (26.6) | (0.0)      | (100.0) | (7.4)                | (33.1)        | (45.5)        | (5.6)     | (0.0) | (8.4)           | (0.0) | (100.0)                           | 26         |
| 6-11                      | 0.0                     | 39.7          | 39.3          | 19.4      | 1.5    | 0.0        | 100.0   | 0.0                  | 43.0          | 37.6          | 17.9      | 1.5   | 0.0             | 0.0   | 100.0                             | 89         |
| 12-23                     | 1.5                     | 35.7          | 47.0          | 15.9      | 0.0    | 0.0        | 100.0   | 1.1                  | 34.1          | 50.4          | 12.7      | 1.8   | 0.0             | 0.0   | 100.0                             | 129        |
| 24-35                     | 5.0                     | 35.0          | 42.5          | 13.5      | 4.0    | 0.0        | 100.0   | 5.5                  | 33.5          | 40.6          | 18.2      | 0.0   | 2.3             | 0.0   | 100.0                             | 104        |
| 36-47                     | 1.2                     | 28.4          | 50.8          | 18.2      | 1.4    | 0.0        | 100.0   | 1.4                  | 31.4          | 49.4          | 17.3      | 0.0   | 0.5             | 0.0   | 100.0                             | 101        |
| 48-59                     | 0.8                     | 38.7          | 37.0          | 17.7      | 4.0    | 1.7        | 100.0   | 1.2                  | 38.9          | 36.5          | 18.4      | 1.2   | 1.0             | 2.8   | 100.0                             | 115        |
| <b>Sex</b>                |                         |               |               |           |        |            |         |                      |               |               |           |       |                 |       |                                   |            |
| Male                      | 1.3                     | 35.2          | 43.2          | 17.3      | 3.1    | 0.0        | 100.0   | 1.6                  | 37.1          | 41.4          | 17.8      | 0.5   | 1.7             | 0.0   | 100.0                             | 294        |
| Female                    | 2.0                     | 35.6          | 42.3          | 15.8      | 3.6    | 0.7        | 100.0   | 2.7                  | 34.4          | 45.4          | 14.4      | 1.4   | 0.5             | 1.2   | 100.0                             | 269        |
| <b>Residence</b>          |                         |               |               |           |        |            |         |                      |               |               |           |       |                 |       |                                   |            |
| Urban                     | (0.0)                   | (46.9)        | (38.0)        | (15.2)    | (0.0)  | (0.0)      | (100.0) | (0.0)                | (43.8)        | (38.4)        | (17.8)    | (0.0) | (0.0)           | (0.0) | (100.0)                           | 31         |
| Rural                     | 1.7                     | 34.7          | 43.0          | 16.7      | 3.5    | 0.4        | 100.0   | 2.2                  | 35.4          | 43.6          | 16.1      | 1.0   | 1.2             | 0.6   | 100.0                             | 532        |
| <b>Mother's schooling</b> |                         |               |               |           |        |            |         |                      |               |               |           |       |                 |       |                                   |            |
| No schooling              | 1.2                     | 42.9          | 36.2          | 12.3      | 7.5    | 0.0        | 100.0   | 3.9                  | 43.2          | 35.0          | 14.1      | 1.3   | 2.5             | 0.0   | 100.0                             | 107        |
| <5 years complete         | 0.0                     | 40.7          | 52.3          | 6.9       | 0.0    | 0.0        | 100.0   | 4.7                  | 38.4          | 48.4          | 6.8       | 0.0   | 1.7             | 0.0   | 100.0                             | 66         |
| 5-7 years complete        | 3.6                     | 31.3          | 41.2          | 17.9      | 6.0    | 0.0        | 100.0   | 1.3                  | 33.4          | 42.0          | 17.6      | 3.6   | 1.0             | 1.1   | 100.0                             | 103        |
| 8-9 years complete        | 2.6                     | 32.6          | 40.6          | 20.8      | 2.2    | 1.2        | 100.0   | 1.5                  | 32.3          | 43.9          | 21.0      | 0.0   | 0.0             | 1.2   | 100.0                             | 164        |
| 10-11 years complete      | 0.0                     | 33.6          | 51.7          | 13.2      | 1.5    | 0.0        | 100.0   | 1.3                  | 38.8          | 50.7          | 6.8       | 0.0   | 2.4             | 0.0   | 100.0                             | 58         |
| 12 or more years complete | 0.0                     | 32.6          | 43.6          | 23.8      | 0.0    | 0.0        | 100.0   | 0.0                  | 31.0          | 45.8          | 23.2      | 0.0   | 0.0             | 0.0   | 100.0                             | 65         |
| <b>Religion</b>           |                         |               |               |           |        |            |         |                      |               |               |           |       |                 |       |                                   |            |
| Hindu                     | 1.7                     | 37.6          | 39.6          | 14.8      | 5.5    | 0.8        | 100.0   | 1.4                  | 37.6          | 42.2          | 14.0      | 1.7   | 1.9             | 1.3   | 100.0                             | 252        |
| Muslim                    | 1.7                     | 33.3          | 46.1          | 17.3      | 1.6    | 0.0        | 100.0   | 2.7                  | 34.5          | 45.0          | 17.3      | 0.0   | 0.4             | 0.0   | 100.0                             | 297        |
| <b>Caste/tribe</b>        |                         |               |               |           |        |            |         |                      |               |               |           |       |                 |       |                                   |            |
| Scheduled caste           | (0.0)                   | (32.0)        | (48.0)        | (9.0)     | (6.4)  | (4.5)      | (100.0) | (0.0)                | (29.2)        | (54.5)        | (9.0)     | (0.0) | (0.0)           | (7.2) | (100.0)                           | 44         |
| Scheduled tribe           | 3.8                     | 36.5          | 28.0          | 29.9      | 1.8    | 0.0        | 100.0   | 2.6                  | 37.5          | 28.1          | 28.1      | 1.7   | 2.1             | 0.0   | 100.0                             | 54         |
| Other backward class      | 2.6                     | 37.1          | 37.7          | 15.5      | 7.1    | 0.0        | 100.0   | 2.1                  | 37.7          | 41.1          | 13.7      | 3.2   | 2.2             | 0.0   | 100.0                             | 130        |
| Other                     | 1.2                     | 35.0          | 46.4          | 15.8      | 1.7    | 0.0        | 100.0   | 2.3                  | 35.7          | 45.1          | 16.2      | 0.0   | 0.7             | 0.0   | 100.0                             | 336        |
| <b>Total</b>              | 1.6                     | 35.4          | 42.7          | 16.6      | 3.3    | 0.4        | 100.0   | 2.1                  | 35.8          | 43.3          | 16.2      | 0.9   | 1.1             | 0.6   | 100.0                             | 564        |

Note: Figures in parentheses are based on 25-49 unweighted cases. Total includes children belonging to other religions and children whose caste/tribe is not known, who are not shown separately. It is recommended that children should be given more liquids to drink during diarrhoea and food should not be reduced.

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**Table 64 Knowledge of ORS packets**

Percentage of women age 15-49 who had a live birth in the 5 years preceding the survey who know about ORS packets for treatment of diarrhoea, by background characteristics, Assam, 2019-20

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| Background characteristic | Percentage of women who know about ORS packets | Number of women |
|---------------------------|--|-----------------|
| <b>Age</b>                |  |                 |
| 15-19                     | 96.6   | 447             |
| 20-24                     | 96.7   | 2,800           |
| 25-34                     | 96.1   | 4,941           |
| 35-49                     | 95.4   | 1,087           |
| <b>Residence</b>          |  |                 |
| Urban                     | 97.2   | 1,071           |
| Rural                     | 96.1   | 8,204           |
| <b>Schooling</b>          |  |                 |
| No schooling              | 94.2   | 1,468           |
| <5 years complete         | 96.0   | 932             |
| 5-9 years complete        | 96.0   | 4,245           |
| 10-11 years complete      | 97.3   | 1,100           |
| 12 or more years complete | 98.1   | 1,530           |
| <b>Religion</b>           |  |                 |
| Hindu                     | 96.9   | 5,021           |
| Muslim                    | 95.2   | 4,014           |
| Christian                 | 99.0   | 224             |
| <b>Caste/tribe</b>        |  |                 |
| Scheduled caste           | 95.3   | 1,097           |
| Scheduled tribe           | 98.0   | 1,035           |
| Other backward class      | 97.6   | 2,177           |
| Other                     | 95.6   | 4,936           |
| Total                     | 96.2   | 9,275           |

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Note: Total includes women belonging to other religions and who don't know their cast/tribe, who are not shown separately.

ORS = Oral rehydration salts

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**Table 65 Indicators of utilization of ICDS services**

Percentage of children under age 6 years who received any service and received specific services from an *anganwadi* centre (AWC) in the 12 months preceding the survey, by background characteristics, Assam, 2019-20

| Background characteristic | Percentage of children age 0-71 months who received from an AWC |                                 |                   |                  | Children age 36-71 months |  | Children age 0-59 months |   | Children age 0-59 months who were weighed at an AWC |   |                    |
|---------------------------|---|---------------------------------|-------------------|------------------|---------------------------|--|--------------------------|---|---|---|--------------------|
|                           | Any services  | Supplementary food <sup>1</sup> | Any immunizations | Health check-ups | Number of children        | Percentage who went for early childhood care/pre-school <sup>2</sup> | Number of children       | Percentage of children who were weighed at an AWC | Number of children                                  | Percentage whose mothers received counselling from an AWC after child was weighed | Number of children |
| <b>Age in months</b>      |   |                                 |                   |                  |                           |  |                          |   |   |   |                    |
| <12                       | 62.5  | 60.8                            | 32.6              | 51.6             | 1,987                     | na   | na                       | 41.8  | 1,987   | 64.6  | 831                |
| 12-23                     | 75.1  | 74.5                            | 39.0              | 62.6             | 1,967                     | na   | na                       | 55.3  | 1,967   | 64.9  | 1,087              |
| 24-35                     | 72.8  | 72.0                            | 40.6              | 61.7             | 2,135                     | na   | na                       | 56.4  | 2,135   | 63.7  | 1,203              |
| 36-47                     | 66.6  | 65.9                            | 34.7              | 56.2             | 2,072                     | 56.6   | 2,072                    | 52.5  | 2,072   | 61.4  | 1,088              |
| 48-59                     | 65.4  | 64.1                            | 33.7              | 56.2             | 2,163                     | 56.2   | 2,162                    | 53.1  | 2,162   | 63.5  | 1,148              |
| 60-71                     | 56.4  | 54.8                            | 29.0              | 49.0             | 2,130                     | 49.1   | 2,130                    | na  | na  | na  | na                 |
| 0-35                      | 70.2  | 69.2                            | 37.5              | 58.6             | 6,089                     | na   | na                       | 51.3  | 6,084   | 58.8  | 3,571              |
| 36-71                     | 62.8  | 61.6                            | 32.4              | 53.8             | 6,365                     | 53.9   | 6,365                    | na  | na  | na  | na                 |
| <b>Sex</b>                |   |                                 |                   |                  |                           |  |                          |   |   |   |                    |
| Male                      | 66.1  | 65.0                            | 34.3              | 55.9             | 6,317                     | 52.7   | 3,218                    | 51.5  | 5,253   | 64.1  | 2,705              |
| Female                    | 66.8  | 65.6                            | 35.5              | 56.4             | 6,136                     | 55.2   | 3,147                    | 52.3  | 5,070   | 63.0  | 2,653              |
| <b>Residence</b>          |   |                                 |                   |                  |                           |  |                          |   |   |   |                    |
| Urban                     | 53.5  | 52.5                            | 29.3              | 44.6             | 1,377                     | 42.6   | 675                      | 41.3  | 1,146   | 66.4  | 473                |
| Rural                     | 68.0  | 66.9                            | 35.6              | 57.6             | 11,076                    | 55.3   | 5,689                    | 53.2  | 9,177   | 63.3  | 4,884              |
| <b>Mother's schooling</b> |   |                                 |                   |                  |                           |  |                          |   |   |   |                    |
| No schooling              | 64.5  | 63.4                            | 32.8              | 56.7             | 2,078                     | 53.1   | 1,091                    | 50.9  | 1,713   | 59.6  | 872                |
| <5 years complete         | 66.8  | 65.6                            | 35.3              | 54.4             | 1,281                     | 56.4   | 674                      | 49.8  | 1,070   | 69.1  | 533                |
| 5-7 years complete        | 66.1  | 65.0                            | 34.8              | 56.3             | 2,062                     | 54.9   | 1,028                    | 52.0  | 1,692   | 62.4  | 880                |
| 8-9 years complete        | 67.9  | 66.8                            | 36.3              | 56.1             | 3,634                     | 54.5   | 1,867                    | 52.0  | 3,030   | 63.2  | 1,577              |
| 10-11 years complete      | 65.8  | 64.9                            | 36.6              | 57.3             | 1,434                     | 53.7   | 729                      | 53.0  | 1,178   | 63.8  | 624                |
| 12 or more years complete | 66.1  | 64.8                            | 33.2              | 55.9             | 1,965                     | 51.1   | 975                      | 53.1  | 1,640   | 65.8  | 872                |

Continued...

Table 65 Indicators of utilization of ICDS services—Continued

Percentage of children under age 6 years who received any service and received specific services from an *Anganwadi* centre (AWC) in the 12 months preceding the survey, by background characteristics, Assam, 2019-20

| Background characteristic | Percentage of children age 0-71 months who received from an AWC |                                 |                   |                  | Number of children age 0-71 months | Children age 36-71 months                                  |                    | Children age 0-59 months                          |                    | Children age 0-59 months who were weighed at an AWC                               |                    |
|---------------------------|---|---------------------------------|-------------------|------------------|------------------------------------|--|--------------------|---|--------------------|---|--------------------|
|                           | Any services  | Supplementary food <sup>1</sup> | Any immunizations | Health check-ups |                                    | Percentage who went for early care/pre-school <sup>2</sup> | Number of children | Percentage of children who were weighed at an AWC | Number of children | Percentage whose mothers received counselling from an AWC after child was weighed | Number of children |
| <b>Religion</b>           |   |                                 |                   |                  |                                    |  |                    |   |                    |   |                    |
| Hindu                     | 68.1  | 66.8                            | 35.7              | 56.6             | 6,502                              | 53.7   | 3,323              | 53.1  | 5,406              | 66.4  | 2,871              |
| Muslim                    | 64.8  | 63.8                            | 34.2              | 55.9             | 5,626                              | 54.5   | 2,868              | 50.6  | 4,654              | 59.9  | 2,357              |
| Christian                 | 62.7  | 62.3                            | 32.6              | 54.3             | 303                                | 49.5   | 165                | 50.3  | 245                | 68.7  | 123                |
| Other                     | (55.8)  | (55.8)                          | (21.8)            | (31.0)           | 23                                 | *  | 8                  | *   | 18                 | *   | 7                  |
| <b>Caste/tribe</b>        |   |                                 |                   |                  |                                    |  |                    |   |                    |   |                    |
| Scheduled caste           | 70.4  | 69.7                            | 38.2              | 59.7             | 1,466                              | 58.8   | 737                | 54.7  | 1,216              | 71.5  | 666                |
| Scheduled tribe           | 66.5  | 65.4                            | 33.1              | 52.8             | 1,363                              | 52.5   | 727                | 50.1  | 1,112              | 61.9  | 557                |
| Other backward class      | 69.9  | 68.3                            | 36.0              | 59.5             | 2,818                              | 54.6   | 1,450              | 55.7  | 2,334              | 65.1  | 1,301              |
| Other                     | 64.2  | 63.1                            | 34.0              | 54.8             | 6,768                              | 53.0   | 3,433              | 50.1  | 5,627              | 61.4  | 2,821              |
| Don't know                | (47.2)  | (47.2)                          | (34.2)            | (39.0)           | 38                                 | *  | 18                 | *   | 34                 | *   | 13                 |
| Total                     | 66.4  | 65.3                            | 34.9              | 56.2             | 12,453                             | 53.9   | 6,365              | 51.9  | 10,323             | 63.6  | 5,358              |

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  
ICDS = Integrated Child Development Services

<sup>1</sup> Supplementary food includes both food cooked and served at the AWC on a daily basis or given in the form of take home rations

<sup>2</sup> Children age 36-71 months

**Table 66 Utilization of ICDS services during pregnancy and while breastfeeding**

Among children under age 6 years, percentage whose mothers received specific benefits from an *anganwadi* centre (AWC) during pregnancy and while breastfeeding, according to background characteristics, Assam, 2019-20

| Background characteristic | Mother received from an AWC during pregnancy |                                 |                  |                                |                    | Mother received from an AWC while breastfeeding <sup>2</sup> |                                 |                  |                                |                              |
|---------------------------|--|---------------------------------|------------------|--------------------------------|--------------------|--|---------------------------------|------------------|--------------------------------|------------------------------|
|                           | Any benefits                                 | Supplementary food <sup>1</sup> | Health check-ups | Health and nutrition education | Number of children | Any services   | Supplementary food <sup>1</sup> | Health check-ups | Health and nutrition education | Number of children breastfed |
| <b>Residence</b>          |  |                                 |                  |                                |                    |  |                                 |                  |                                |                              |
| Urban                     | 55.1   | 54.5                            | 42.8             | 41.2                           | 1,377              | 50.4   | 49.5                            | 40.5             | 39.3                           | 1,377                        |
| Rural                     | 69.0   | 67.5                            | 54.3             | 51.4                           | 11,076             | 65.5   | 64.4                            | 51.0             | 48.6                           | 11,060                       |
| <b>Mother's schooling</b> |  |                                 |                  |                                |                    |  |                                 |                  |                                |                              |
| No schooling              | 66.7   | 65.1                            | 54.5             | 51.0                           | 2,078              | 62.8   | 62.2                            | 50.5             | 48.0                           | 2,075                        |
| <5 years complete         | 69.1   | 68.0                            | 54.0             | 49.7                           | 1,281              | 63.6   | 62.8                            | 48.7             | 45.4                           | 1,281                        |
| 5-7 years complete        | 66.4   | 64.6                            | 52.0             | 50.0                           | 2,062              | 63.6   | 62.3                            | 50.8             | 48.6                           | 2,060                        |
| 8-9 years complete        | 67.1   | 65.8                            | 52.8             | 50.2                           | 3,634              | 64.2   | 62.8                            | 49.8             | 47.9                           | 3,630                        |
| 10-11 years complete      | 68.5   | 66.8                            | 53.9             | 52.2                           | 1,434              | 64.7   | 63.5                            | 52.2             | 49.3                           | 1,429                        |
| 12 or more years complete | 68.2   | 67.4                            | 51.7             | 49.0                           | 1,965              | 64.2   | 63.3                            | 47.5             | 45.4                           | 1,963                        |
| <b>Religion</b>           |  |                                 |                  |                                |                    |  |                                 |                  |                                |                              |
| Hindu                     | 70.4   | 69.1                            | 56.0             | 52.6                           | 6,502              | 66.7   | 65.8                            | 52.2             | 49.5                           | 6,494                        |
| Muslim                    | 64.0   | 62.6                            | 49.5             | 47.7                           | 5,626              | 60.5   | 59.2                            | 47.1             | 45.4                           | 5,618                        |
| Christian                 | 67.3   | 66.3                            | 52.9             | 48.8                           | 303                | 65.8   | 65.0                            | 50.0             | 46.1                           | 302                          |
| Other                     | (65.3)                                       | (60.6)                          | (62.7)           | (46.8)                         | 23                 | (60.6)   | (60.6)                          | (60.6)           | (54.3)                         | 23                           |
| <b>Caste/tribe</b>        |  |                                 |                  |                                |                    |  |                                 |                  |                                |                              |
| Scheduled caste           | 69.0   | 68.0                            | 56.1             | 54.2                           | 1,466              | 65.1   | 64.0                            | 52.7             | 51.1                           | 1,465                        |
| Scheduled tribe           | 72.6   | 71.6                            | 56.9             | 54.8                           | 1,363              | 67.0   | 66.5                            | 51.3             | 49.0                           | 1,363                        |
| Other backward class      | 73.1   | 71.2                            | 58.1             | 52.8                           | 2,818              | 69.4   | 68.4                            | 54.3             | 50.9                           | 2,813                        |
| Other                     | 63.8   | 62.5                            | 49.5             | 47.6                           | 6,768              | 60.7   | 59.5                            | 47.2             | 45.2                           | 6,758                        |
| Don't know                | (58.4)                                       | (52.0)                          | (39.6)           | (34.3)                         | 38                 | (58.0)   | (52.6)                          | (42.6)           | (31.1)                         | 38                           |
| <b>Total</b>              | <b>67.5</b>                                  | <b>66.1</b>                     | <b>53.0</b>      | <b>50.3</b>                    | <b>12,453</b>      | <b>63.8</b>  | <b>62.8</b>                     | <b>49.9</b>      | <b>47.6</b>                    | <b>12,437</b>                |

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

ICDS = Integrated Child Development Services

<sup>1</sup> Supplementary food includes both food cooked and served at the AWC on a *Daily* basis or given in the form of take home rations

<sup>2</sup> Excludes children who were not breastfed. Services are usually provided to breastfeeding mothers during the first 6 months of breastfeeding

**Table 67 Nutritional status of children**

Percentage of children under age 5 years classified as malnourished according to three anthropometric indices of nutritional status: height-for-age, weight-for-height, and weight-for-age, by background characteristics, Assam, 2019-20, and total for NFHS-4

| Background characteristic                   | Height-for-age <sup>1</sup> |                                     |                   |                    | Weight-for-height      |                                     |                        |                   |                    | Weight-for-age         |                                     |                        |                   |                    |
|---|-----------------------------|-------------------------------------|-------------------|--------------------|------------------------|-------------------------------------|------------------------|-------------------|--------------------|------------------------|-------------------------------------|------------------------|-------------------|--------------------|
|   | Percentage below -3 SD      | Percentage below -2 SD <sup>2</sup> | Mean Z-score (SD) | Number of children | Percentage below -3 SD | Percentage below -2 SD <sup>2</sup> | Percentage above +2 SD | Mean Z-score (SD) | Number of children | Percentage below -3 SD | Percentage below -2 SD <sup>2</sup> | Percentage above +2 SD | Mean Z-score (SD) | Number of children |
| <b>Age in months</b>                        |                             |                                     |                   |                    |                        |                                     |                        |                   |                    |                        |                                     |                        |                   |                    |
| <6  | 16.3                        | 29.9                                | -0.8              | 809                | 13.6                   | 26.8                                | 10.5                   | -0.7              | 711                | 17.4                   | 33.8                                | 1.8                    | -1.5              | 916                |
| 6-8   | 15.3                        | 27.6                                | -0.6              | 469                | 14.3                   | 28.3                                | 5.2                    | -1.0              | 455                | 16.6                   | 32.7                                | 0.7                    | -1.5              | 500                |
| 9-11  | 13.7                        | 26.2                                | -0.8              | 487                | 9.8                    | 22.1                                | 6.0                    | -0.7              | 473                | 9.6                    | 24.4                                | 2.0                    | -1.1              | 502                |
| 12-17                                       | 17.5                        | 35.3                                | -1.2              | 850                | 10.7                   | 22.9                                | 5.8                    | -0.9              | 852                | 10.8                   | 30.0                                | 1.8                    | -1.3              | 890                |
| 18-23                                       | 24.3                        | 43.8                                | -1.6              | 1,006              | 7.8                    | 18.4                                | 4.9                    | -0.8              | 1,001              | 11.0                   | 34.0                                | 1.4                    | -1.5              | 1,042              |
| 24-35                                       | 14.7                        | 33.8                                | -1.2              | 2,040              | 9.9                    | 24.2                                | 4.2                    | -1.0              | 1,988              | 10.7                   | 33.7                                | 1.5                    | -1.4              | 2,095              |
| 36-47                                       | 13.5                        | 37.3                                | -1.4              | 2,018              | 7.8                    | 19.7                                | 3.8                    | -0.9              | 1,936              | 11.9                   | 33.1                                | 1.5                    | -1.5              | 2,029              |
| 48-59                                       | 14.1                        | 36.6                                | -1.5              | 2,077              | 6.3                    | 19.0                                | 3.7                    | -0.9              | 2,026              | 9.2                    | 33.7                                | 1.4                    | -1.5              | 2,097              |
| <b>Sex</b>                                  |                             |                                     |                   |                    |                        |                                     |                        |                   |                    |                        |                                     |                        |                   |                    |
| Male  | 16.1                        | 35.6                                | -1.3              | 4,946              | 10.4                   | 23.2                                | 4.8                    | -0.9              | 4,745              | 13.2                   | 34.8                                | 1.5                    | -1.5              | 5,128              |
| Female                                      | 15.2                        | 34.9                                | -1.2              | 4,811              | 7.7                    | 20.2                                | 4.8                    | -0.8              | 4,697              | 9.8                    | 30.7                                | 1.5                    | -1.4              | 4,942              |
| <b>Birth interval in months<sup>3</sup></b> |                             |                                     |                   |                    |                        |                                     |                        |                   |                    |                        |                                     |                        |                   |                    |
| First birth <sup>4</sup>                    | 14.8                        | 33.3                                | -1.2              | 4,236              | 8.3                    | 20.5                                | 5.1                    | -0.8              | 4,121              | 10.0                   | 30.8                                | 1.6                    | -1.4              | 4,385              |
| <24   | 19.8                        | 42.8                                | -1.6              | 593                | 9.6                    | 19.0                                | 3.5                    | -1.0              | 567                | 14.2                   | 44.4                                | 1.2                    | -1.8              | 605                |
| 24-35                                       | 20.3                        | 41.2                                | -1.5              | 1,061              | 11.3                   | 25.6                                | 4.0                    | -1.1              | 1,007              | 16.3                   | 40.1                                | 1.2                    | -1.8              | 1,082              |
| 36 or more                                  | 14.8                        | 34.7                                | -1.2              | 3,839              | 9.2                    | 22.5                                | 5.0                    | -0.9              | 3,721              | 11.6                   | 31.3                                | 1.5                    | -1.4              | 3,970              |
| <b>Birth order<sup>3</sup></b>              |                             |                                     |                   |                    |                        |                                     |                        |                   |                    |                        |                                     |                        |                   |                    |
| 1   | 14.7                        | 33.3                                | -1.2              | 4,221              | 8.3                    | 20.6                                | 5.0                    | -0.8              | 4,104              | 10.0                   | 30.8                                | 1.6                    | -1.4              | 4,368              |
| 2-3   | 15.2                        | 35.4                                | -1.2              | 4,492              | 9.5                    | 22.2                                | 4.6                    | -0.9              | 4,328              | 12.0                   | 33.5                                | 1.4                    | -1.5              | 4,625              |
| 4-5   | 22.2                        | 43.1                                | -1.5              | 839                | 10.5                   | 24.5                                | 5.0                    | -1.0              | 815                | 16.2                   | 40.0                                | 1.5                    | -1.7              | 865                |
| 6 or more                                   | 21.3                        | 45.0                                | -1.6              | 177                | 8.5                    | 25.3                                | 6.6                    | -0.7              | 167                | 13.8                   | 32.4                                | 0.8                    | -1.6              | 184                |
| <b>Residence</b>                            |                             |                                     |                   |                    |                        |                                     |                        |                   |                    |                        |                                     |                        |                   |                    |
| Urban                                       | 14.6                        | 29.8                                | -1.1              | 1,045              | 8.0                    | 19.1                                | 8.0                    | -0.7              | 1,017              | 9.1                    | 25.9                                | 2.4                    | -1.2              | 1,075              |
| Rural                                       | 15.8                        | 36.0                                | -1.3              | 8,713              | 9.2                    | 22.1                                | 4.5                    | -0.9              | 8,425              | 11.8                   | 33.6                                | 1.4                    | -1.5              | 8,996              |

*Continued...*

**Table 67 Nutritional status of children—Continued**

Percentage of children under age 5 years classified as malnourished according to three anthropometric indices of nutritional status: height-for-age, weight-for-height, and weight-for-age, by background characteristics, Assam, 2019-20, and total for NFHS-4

| Background characteristic             | Height-for-age <sup>1</sup> |                                     |                   |                    | Weight-for-height      |                                     |                        |                   |                    | Weight-for-age         |                                     |                        |                   |                    |
|---------------------------------------|-----------------------------|-------------------------------------|-------------------|--------------------|------------------------|-------------------------------------|------------------------|-------------------|--------------------|------------------------|-------------------------------------|------------------------|-------------------|--------------------|
|                                       | Percentage below -3 SD      | Percentage below -2 SD <sup>2</sup> | Mean Z-score (SD) | Number of children | Percentage below -3 SD | Percentage below -2 SD <sup>2</sup> | Percentage above +2 SD | Mean Z-score (SD) | Number of children | Percentage below -3 SD | Percentage below -2 SD <sup>2</sup> | Percentage above +2 SD | Mean Z-score (SD) | Number of children |
| <b>Size at birth<sup>3</sup></b>      |                             |                                     |                   |                    |                        |                                     |                        |                   |                    |                        |                                     |                        |                   |                    |
| Very small                            | 31.0                        | 51.3                                | -2.0              | 103                | 11.2                   | 19.9                                | 9.9                    | -0.8              | 101                | 20.4                   | 45.8                                | 3.1                    | -1.9              | 107                |
| Small                                 | 18.3                        | 38.2                                | -1.4              | 815                | 10.5                   | 25.3                                | 3.1                    | -1.0              | 780                | 15.9                   | 38.7                                | 0.8                    | -1.7              | 836                |
| Average or larger                     | 15.2                        | 34.8                                | -1.2              | 8,709              | 8.9                    | 21.4                                | 5.0                    | -0.9              | 8,439              | 11.0                   | 32.0                                | 1.5                    | -1.4              | 8,996              |
| Don't know                            | 19.5                        | 42.8                                | -1.4              | 101                | 11.1                   | 23.6                                | 0.0                    | -1.4              | 94                 | 17.2                   | 41.4                                | 1.6                    | -1.8              | 104                |
| <b>Mother's schooling<sup>5</sup></b> |                             |                                     |                   |                    |                        |                                     |                        |                   |                    |                        |                                     |                        |                   |                    |
| No schooling                          | 21.0                        | 42.1                                | -1.4              | 1,605              | 10.3                   | 25.0                                | 5.6                    | -1.0              | 1,550              | 17.3                   | 40.4                                | 1.7                    | -1.7              | 1,666              |
| <5 years complete                     | 17.0                        | 40.6                                | -1.5              | 1,035              | 10.5                   | 24.9                                | 3.4                    | -1.1              | 986                | 13.3                   | 40.0                                | 1.0                    | -1.7              | 1,059              |
| 5-7 years complete                    | 18.6                        | 40.1                                | -1.4              | 1,678              | 9.0                    | 22.2                                | 4.6                    | -0.9              | 1,618              | 12.3                   | 36.7                                | 1.3                    | -1.6              | 1,721              |
| 8-9 years complete                    | 13.8                        | 33.7                                | -1.3              | 2,890              | 8.9                    | 22.2                                | 4.4                    | -0.9              | 2,799              | 10.7                   | 32.9                                | 1.4                    | -1.5              | 2,974              |
| 10-11 years complete                  | 12.1                        | 28.1                                | -1.1              | 1,083              | 7.8                    | 18.1                                | 5.4                    | -0.7              | 1,061              | 7.4                    | 24.0                                | 2.1                    | -1.2              | 1,129              |
| 12 or more years complete             | 11.9                        | 27.1                                | -0.9              | 1,466              | 7.9                    | 17.3                                | 5.8                    | -0.7              | 1,429              | 7.7                    | 21.3                                | 1.6                    | -1.1              | 1,522              |
| <b>Religion</b>                       |                             |                                     |                   |                    |                        |                                     |                        |                   |                    |                        |                                     |                        |                   |                    |
| Hindu                                 | 13.8                        | 32.5                                | -1.2              | 5,044              | 8.3                    | 20.5                                | 4.8                    | -0.8              | 4,889              | 10.5                   | 29.4                                | 1.3                    | -1.4              | 5,201              |
| Muslim                                | 17.9                        | 38.5                                | -1.3              | 4,434              | 9.9                    | 22.9                                | 4.8                    | -0.9              | 4,272              | 12.7                   | 36.4                                | 1.8                    | -1.5              | 4,574              |
| Christian                             | 12.9                        | 34.2                                | -1.1              | 225                | 11.0                   | 25.6                                | 4.0                    | -1.2              | 222                | 12.2                   | 37.8                                | 2.1                    | -1.5              | 236                |
| Other                                 | 17.8                        | 38.4                                | -1.8              | 55                 | 1.4                    | 23.2                                | 13.5                   | -0.3              | 59                 | 8.9                    | 26.4                                | 0.0                    | -1.4              | 60                 |
| <b>Caste/tribe</b>                    |                             |                                     |                   |                    |                        |                                     |                        |                   |                    |                        |                                     |                        |                   |                    |
| Scheduled caste                       | 16.2                        | 34.0                                | -1.3              | 1,117              | 9.1                    | 21.6                                | 6.7                    | -0.8              | 1,087              | 12.4                   | 31.6                                | 1.4                    | -1.5              | 1,165              |
| Scheduled tribe                       | 12.9                        | 30.7                                | -1.1              | 1,032              | 9.0                    | 19.2                                | 5.7                    | -0.8              | 1,002              | 7.9                    | 25.7                                | 1.0                    | -1.3              | 1,076              |
| Other backward class                  | 13.0                        | 32.9                                | -1.2              | 2,190              | 8.7                    | 21.0                                | 3.5                    | -0.9              | 2,127              | 10.9                   | 31.2                                | 1.0                    | -1.4              | 2,239              |
| Other                                 | 17.1                        | 37.4                                | -1.3              | 5,342              | 9.3                    | 22.5                                | 4.8                    | -0.9              | 5,149              | 12.3                   | 35.1                                | 1.9                    | -1.5              | 5,512              |
| Don't know                            | (20.9)                      | (46.8)                              | (-1.8)            | 35                 | (2.5)                  | (21.7)                              | (12.4)                 | (-0.7)            | 35                 | (2.0)                  | (31.3)                              | (-1.6)                 | 1.6               | 35                 |
| No caste/tribe or missing             | (17.6)                      | (32.3)                              | (-1.7)            | 41                 | (0.5)                  | (29.4)                              | (7.4)                  | (-0.7)            | 42                 | (12.4)                 | (32.1)                              | (-1.4)                 | 1.4               | 43                 |

Continued...

**Table 67 Nutritional status of children—Continued**

Percentage of children under age 5 years classified as malnourished according to three anthropometric indices of nutritional status: height-for-age, weight-for-height, and weight-for-age, by background characteristics, Assam, 2019-20, and total for NFHS-4

| Background characteristic                      | Height-for-age <sup>1</sup> |                                     |                   |                    | Weight-for-height      |                                     |                        |                   |                    | Weight-for-age         |                                     |                        |                   |                    |
|--|-----------------------------|-------------------------------------|-------------------|--------------------|------------------------|-------------------------------------|------------------------|-------------------|--------------------|------------------------|-------------------------------------|------------------------|-------------------|--------------------|
|  | Percentage below -3 SD      | Percentage below -2 SD <sup>2</sup> | Mean Z-score (SD) | Number of children | Percentage below -3 SD | Percentage below -2 SD <sup>2</sup> | Percentage above +2 SD | Mean Z-score (SD) | Number of children | Percentage below -3 SD | Percentage below -2 SD <sup>2</sup> | Percentage above +2 SD | Mean Z-score (SD) | Number of children |
| <b>Mother's nutritional status<sup>6</sup></b> |                             |                                     |                   |                    |                        |                                     |                        |                   |                    |                        |                                     |                        |                   |                    |
| Underweight (BMI<18.5)                         | 17.9                        | 41.3                                | -1.6              | 1,783              | 8.5                    | 23.7                                | 3.0                    | -1.1              | 1,747              | 12.0                   | 41.0                                | 1.4                    | -1.7              | 1,840              |
| Normal (BMI 18.5-24.9)                         | 15.9                        | 35.2                                | -1.2              | 6,826              | 9.8                    | 22.8                                | 5.1                    | -0.9              | 6,566              | 12.5                   | 32.7                                | 1.5                    | -1.5              | 7,044              |
| Overweight (BMI ≥ 25.0)                        | 10.8                        | 26.3                                | -1.1              | 1,092              | 5.1                    | 12.5                                | 6.5                    | -0.5              | 1,076              | 4.9                    | 20.1                                | 2.0                    | -1.0              | 1,125              |
| Missing  | (9.0)                       | (31.0)                              | (-0.8)            | 56                 | (9.6)                  | (17.9)                              | (3.1)                  | (-0.8)            | 54                 | 5.4                    | 26.9                                | 4.5                    | -1.1              | 62                 |
| <b>Child's living arrangements</b>             |                             |                                     |                   |                    |                        |                                     |                        |                   |                    |                        |                                     |                        |                   |                    |
| Living with both parents                       | 15.6                        | 35.2                                | -1.2              | 9,009              | 9.2                    | 21.8                                | 4.7                    | -0.9              | 8,707              | 11.7                   | 32.9                                | 1.6                    | -1.5              | 9,288              |
| Living with one or neither parent              | 16.2                        | 36.0                                | -1.4              | 737                | 7.9                    | 21.0                                | 6.7                    | -0.8              | 723                | 9.3                    | 31.6                                | 1.1                    | -1.4              | 768                |
| Total  | 15.7                        | 35.3                                | -1.3              | 9,758              | 9.0                    | 21.7                                | 4.8                    | -0.9              | 9,443              | 11.5                   | 32.8                                | 1.5                    | -1.5              | 10,071             |
| NFHS-4 (2015-16)                               | 14.3                        | 36.4                                | -1.4              | 8,868              | 6.2                    | 17.0                                | 2.3                    | -0.8              | 8,868              | 8.1                    | 29.8                                | 0.6                    | -1.4              | 8,868              |

Note: Table is based on children who stayed in the household the night before the interview. Each of the indices is expressed in standard deviation (SD) units from the median of the WHO Child Growth Standards. Table is based on children with valid dates of birth (month and year) and valid measurement of both height and weight. Total includes mothers not interviewed but are in the household, who are not shown separately. Figures in parentheses are based on 25-49 unweighted cases.

BMI = Body mass index

<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 standard deviations (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> For women who are not interviewed, information is taken from the Household Questionnaire. Excludes children whose mothers are not listed in the household schedule.

<sup>6</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 in terms of BMI (Body Mass Index) is presented in Table 78.

**Table 68 Initial breastfeeding**

Among last-born children who were born in the age 2 years preceding the survey, percentage who were ever breastfed, and percentages who started breastfeeding within 1 hour and 1 day of birth, and among last-born children born in the age 2 years preceding the survey who were ever breastfed, percentage who received a prelacteal feed in the first 3 days after birth, by background characteristics, Assam, 2019-20

| Background characteristic     | Among last-born children born in the past 2 years: |   |   | Among last-born children born in the past 2 years who were ever breastfed: |  |   |
|-------------------------------|--|---|---|--|--|---|
|                               | Percentage ever breastfed                          | Percentage who started breastfeeding within 1 hour of birth | Percentage who started breastfeeding within 1 day of birth <sup>1</sup> | Number of last-born children   | Percentage who received a prelacteal feed <sup>2</sup> | Number of last-born ever breastfed children |
| <b>Residence</b>              |  |   |   |  |  |   |
| Urban                         | 97.9   | 51.3  | 92.1  | 469  | 11.2   | 459   |
| Rural                         | 95.6   | 48.9  | 93.3  | 3,540  | 5.6  | 3,383                                       |
| <b>Sex</b>                    |  |   |   |  |  |   |
| Male                          | 95.0   | 49.8  | 91.9  | 2,084  | 6.2  | 1,980                                       |
| Female                        | 96.8   | 48.5  | 94.5  | 1,925  | 6.3  | 1,863                                       |
| <b>Mother's schooling</b>     |  |   |   |  |  |   |
| No schooling                  | 94.3   | 48.5  | 92.3  | 650  | 5.0  | 613   |
| <5 years complete             | 94.5   | 47.3  | 91.7  | 419  | 4.1  | 396   |
| 5-7 years complete            | 96.7   | 50.3  | 94.7  | 671  | 4.8  | 649   |
| 8-9 years complete            | 95.8   | 48.7  | 93.0  | 1,179  | 7.6  | 1,129                                       |
| 10-11 years complete          | 96.5   | 49.8  | 93.0  | 454  | 8.1  | 439   |
| 12 or more years complete     | 97.0   | 50.6  | 93.6  | 635  | 6.5  | 616   |
| <b>Religion</b>               |  |   |   |  |  |   |
| Hindu                         | 97.2   | 49.0  | 94.2  | 2,149  | 6.5  | 2,089                                       |
| Muslim                        | 94.3   | 49.4  | 92.0  | 1,762  | 6.2  | 1,661                                       |
| Christian                     | 94.3   | 51.3  | 92.5  | 92   | 0.5  | 87  |
| <b>Caste/tribe</b>            |  |   |   |  |  |   |
| Scheduled caste               | 96.9   | 43.4  | 93.5  | 508  | 6.8  | 492   |
| Scheduled tribe               | 98.1   | 53.1  | 96.6  | 418  | 7.4  | 410   |
| Other backward class          | 96.7   | 49.7  | 93.9  | 930  | 5.5  | 899   |
| Other                         | 94.8   | 49.5  | 92.0  | 2,138  | 6.2  | 2,026                                       |
| <b>Assistance at delivery</b> |  |   |   |  |  |   |
| Health personnel <sup>3</sup> | 96.1   | 48.5  | 93.2  | 3,530  | 6.1  | 3,392                                       |
| <i>Dai</i> (TBA)              | 93.4   | 59.5  | 91.6  | 298  | 4.1  | 278   |
| Other/no one                  | 94.9   | 45.5  | 93.5  | 181  | 12.9   | 172   |
| <b>Place of delivery</b>      |  |   |   |  |  |   |
| Health facility               | 96.2   | 48.3  | 93.5  | 3,473  | 6.3  | 3,343                                       |
| At home                       | 93.2   | 55.0  | 91.0  | 528  | 5.6  | 492   |
| <b>Total</b>                  | <b>95.9</b>  | <b>49.2</b>   | <b>93.1</b>   | <b>4,009</b>   | <b>6.2</b>   | <b>3,842</b>                                |

Note: Table is based on last-born children born in the 2 years preceding the survey regardless of whether the children are living or dead at the time of the interview. Total includes children belonging to other religions, children whose caste/tribe is not known and births delivered in other place of delivery who are not shown separately.

TBA = Traditional birth attendant

<sup>1</sup> Includes children who started breastfeeding within 1 hour of birth

<sup>2</sup> Children given something other than breast milk during the first 3 days of life

<sup>3</sup> Doctor, nurse, midwife, auxiliary nurse midwife, lady health visitor, or other health personnel

**Table 69 Breastfeeding status by age**

Percent distribution of youngest children under age 2 years living with the mother by breastfeeding status and percentage currently breastfeeding, and percentage of all children under age 2 years using a bottle with a nipple, according to age in months, Assam, 2019-20

| Age in months | Breastfeeding and consuming: |                       |                  |                               |            |                     |       | Percentage currently breastfeeding | Number of youngest children under age 2 years living with the mother | Percentage using a bottle with a nipple | Number of all children under age 2 years |
|---------------|------------------------------|-----------------------|------------------|-------------------------------|------------|---------------------|-------|------------------------------------|--|---|--|
|               | Not breastfeeding            | Exclusively breastfed | Plain water only | Non-milk liquids <sup>1</sup> | Other milk | Complementary foods | Total |                                    |  |   |  |
| <2            | 4.6                          | 73.2                  | 7.0              | 2.3                           | 1.6        | 11.2                | 100.0 | 95.4                               | 332  | 2.2                                     | 329                                      |
| 2-3           | 3.7                          | 66.7                  | 12.9             | 1.3                           | 2.3        | 13.1                | 100.0 | 96.3                               | 307  | 7.7                                     | 310                                      |
| 4-5           | 5.5                          | 50.9                  | 13.5             | 2.4                           | 7.6        | 20.1                | 100.0 | 94.5                               | 318  | 11.4                                    | 319                                      |
| 6-8           | 4.8                          | 22.6                  | 12.9             | 2.6                           | 6.3        | 50.9                | 100.0 | 95.2                               | 519  | 15.5                                    | 521                                      |
| 9-11          | 4.4                          | 13.6                  | 9.8              | 1.4                           | 4.3        | 66.5                | 100.0 | 95.6                               | 502  | 17.5                                    | 505                                      |
| 12-17         | 4.5                          | 4.9                   | 5.2              | 2.2                           | 3.6        | 79.7                | 100.0 | 95.5                               | 895  | 20.1                                    | 910                                      |
| 18-23         | 6.6                          | 5.4                   | 2.5              | 1.8                           | 2.8        | 80.8                | 100.0 | 93.4                               | 1,019  | 17.6                                    | 1,057                                    |
| 0-3           | 4.2                          | 70.1                  | 9.8              | 1.9                           | 1.9        | 12.1                | 100.0 | 95.8                               | 639  | 4.8                                     | 643                                      |
| 0-5           | 4.6                          | 63.6                  | 11.0             | 2.0                           | 3.8        | 14.8                | 100.0 | 95.4                               | 957  | 7.1                                     | 961                                      |
| 6-9           | 4.3                          | 20.6                  | 12.6             | 2.3                           | 5.8        | 54.5                | 100.0 | 95.7                               | 683  | 15.6                                    | 685                                      |
| 12-15         | 4.4                          | 4.4                   | 5.8              | 2.5                           | 4.3        | 78.5                | 100.0 | 95.6                               | 618  | 21.2                                    | 622                                      |
| 12-23         | 5.6                          | 5.2                   | 3.8              | 2.0                           | 3.2        | 80.3                | 100.0 | 94.4                               | 1,914  | 18.8                                    | 1,967                                    |
| 20-23         | 7.7                          | 4.8                   | 2.7              | 2.1                           | 2.4        | 80.5                | 100.0 | 92.3                               | 658  | 16.9                                    | 687                                      |

Note: Breastfeeding status refers to a "24-hour" period (yesterday during the day or at night). Children who are classified as breastfeeding and consuming plain water only consumed no liquid or solid supplements. The categories of not breastfeeding, exclusively breastfed, breastfeeding and consuming plain water, non-milk liquids, other milk, and complementary foods (solids and semi-solids) are hierarchical and mutually exclusive, and their percentages add to 100 percent. Thus, children who receive breast milk and non-milk liquids and who do not receive other milk and who do not receive complementary foods are classified in the non-milk liquid category even though they may also get plain water. Any children who get complementary food are classified in that category as long as they are breastfeeding as well.

<sup>1</sup> Non-milk liquids include juice, juice drinks, clear broth, and other liquids.



**Table 70 Median duration of breastfeeding and infant and young child feeding (IYCF) practices**

Median duration of any breastfeeding, exclusive breastfeeding, and predominant breastfeeding among last-born children born in the 3 years preceding the survey, by background characteristics, Assam, 2019-20

| Background characteristic | Median duration (months) of breastfeeding among last-born children born in the past 3 years <sup>1</sup> |  |                    |
|---------------------------|--|--|--------------------|
|                           | Exclusive breastfeeding  | Predominant breastfeeding <sup>2</sup> | Number of children |
| <b>Sex</b>                |  |  |                    |
| Male                      | 4.0  | 6.2                                    | 3,106              |
| Female                    | 4.8  | 6.3                                    | 2,899              |
| <b>Residence</b>          |  |  |                    |
| Urban                     | 5.5  | 6.3                                    | 695                |
| Rural                     | 4.3  | 6.2                                    | 5,311              |
| <b>Mother's schooling</b> |  |  |                    |
| No schooling              | 3.8  | 6.1                                    | 966                |
| <5 years complete         | 4.0  | 7.4                                    | 607                |
| 5-7 years complete        | 4.8  | 6.3                                    | 1,004              |
| 8-9 years complete        | 4.6  | 5.9                                    | 1,752              |
| 10-11 years complete      | 3.5  | 5.6                                    | 703                |
| 12 or more years complete | 4.8  | 6.5                                    | 973                |
| <b>Religion</b>           |  |  |                    |
| Hindu                     | 5.0  | 6.2                                    | 3,171              |
| Muslim                    | 3.5  | 6.2                                    | 2,686              |
| Christian                 | *  | (7.7)                                  | 135                |
| <b>Caste/tribe</b>        |  |  |                    |
| Scheduled caste           | 5.1  | 6.5                                    | 719                |
| Scheduled tribe           | 4.8  | 5.9                                    | 637                |
| Other backward class      | 5.3  | 6.4                                    | 1,371              |
| Other                     | 3.6  | 6.1                                    | 3,259              |
| <b>Total</b>              | <b>4.4</b>   | <b>6.2</b>                             | <b>6,005</b>       |

Note: Median and mean durations are based on breastfeeding status of the child at the time of the survey (current status). Includes living and deceased 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. Total includes children belonging to other religions and children whose caste/tribe is not known, who are not shown separately.

a = Omitted because the smoothed percentage is below 50 percent in the first age cell (<2 months) and therefore the median cannot be calculated

<sup>1</sup> For last-born children under age 24 months who live with the mother and are breastfeeding, information to determine exclusive and predominant breastfeeding comes from a 24-hour dietary recall. Tabulations assume that last-born children age 24 months or older who live with the mother and are breastfeeding are neither exclusively nor predominantly breastfed. It is assumed that last-born children not currently living with the mother and all non-last-born children are not currently breastfeeding.

<sup>2</sup> Either exclusively breastfed or received breast milk and plain water, and/or non-milk liquids only

**Table 71 Minimum acceptable diet**

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, Assam, 2019-20

| Background characteristic | Among breastfed children 6-23 months, percentage fed: |                                     |                                      |                              | Among non-breastfed children 6-23 months, percentage fed: |  |                                     |                                      | Among all children 6-23 months, percentage fed: |  |  |                                     |                                      |                        |
|---------------------------|---|-------------------------------------|--------------------------------------|------------------------------|---|--|-------------------------------------|--------------------------------------|---|--|--|-------------------------------------|--------------------------------------|------------------------|
|                           | Minimum dietary diversity <sup>1</sup>                | Minimum meal frequency <sup>2</sup> | Minimum acceptable diet <sup>3</sup> | Number of breastfed children | 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                | Breast milk, milk, or milk products <sup>7</sup> | Minimum dietary diversity <sup>1</sup> | Minimum meal frequency <sup>8</sup> | Minimum acceptable diet <sup>9</sup> | Number of all children |
| <b>Age in months</b>      |   |                                     |                                      |                              |   |  |                                     |                                      |   |  |  |                                     |                                      |                        |
| 6-11                      | 22.8  | 31.9                                | 6.0                                  | 974                          | (20.4)  | (13.5)                                 | (15.7)                              | (2.7)                                | 47  | 96.3   | 12.4                                   | 31.1                                | 5.9                                  | 1,021                  |
| 6-8                       | 16.1  | 42.0                                | 7.4                                  | 495                          | *   | *                                      | *                                   | *                                    | 25  | 96.5   | 8.9                                    | 40.8                                | 7.3                                  | 519                    |
| 9-11                      | 29.8  | 21.4                                | 4.6                                  | 480                          | *   | *                                      | *                                   | *                                    | 22  | 96.2   | 16.0                                   | 21.1                                | 4.4                                  | 502                    |
| 12-17                     | 43.6  | 23.7                                | 6.9                                  | 855                          | (14.9)  | (14.1)                                 | (18.5)                              | (2.7)                                | 40  | 96.2   | 24.6                                   | 23.4                                | 6.7                                  | 895                    |
| 18-23                     | 51.8  | 27.1                                | 10.1                                 | 952                          | 40.6  | 25.2                                   | 34.1                                | 9.0                                  | 67  | 96.1   | 34.0                                   | 27.6                                | 10.0                                 | 1,019                  |
| <b>Sex</b>                |   |                                     |                                      |                              |   |  |                                     |                                      |   |  |  |                                     |                                      |                        |
| Male                      | 38.5  | 25.9                                | 7.4                                  | 1,405                        | 30.7  | 23.4                                   | 28.1                                | 7.5                                  | 82  | 96.2   | 22.9                                   | 26.0                                | 7.4                                  | 1,487                  |
| Female                    | 39.8  | 29.5                                | 8.0                                  | 1,376                        | 24.4  | 13.5                                   | 20.3                                | 3.1                                  | 72  | 96.3   | 24.4                                   | 29.1                                | 7.8                                  | 1,447                  |
| <b>Residence</b>          |   |                                     |                                      |                              |   |  |                                     |                                      |   |  |  |                                     |                                      |                        |
| Urban                     | 42.3  | 22.5                                | 8.0                                  | 326                          | *   | *                                      | *                                   | *                                    | 13  | 98.0   | 27.3                                   | 22.9                                | 7.7                                  | 339                    |
| Rural                     | 38.7  | 28.4                                | 7.6                                  | 2,455                        | 25.8  | 18.1                                   | 23.8                                | 5.9                                  | 141   | 96.0   | 23.1                                   | 28.2                                | 7.5                                  | 2,595                  |
| <b>Mother's schooling</b> |   |                                     |                                      |                              |   |  |                                     |                                      |   |  |  |                                     |                                      |                        |
| No schooling              | 41.1  | 26.1                                | 8.7                                  | 442                          | (38.8)  | (12.0)                                 | (14.0)                              | (6.1)                                | 36  | 95.4   | 22.7                                   | 25.1                                | 8.5                                  | 478                    |
| <5 years complete         | 39.2  | 24.4                                | 5.4                                  | 271                          | *   | *                                      | *                                   | *                                    | 8   | 97.0   | 24.2                                   | 23.8                                | 5.3                                  | 280                    |
| 5-7 years complete        | 43.2  | 28.3                                | 9.5                                  | 477                          | *   | *                                      | *                                   | *                                    | 22  | 96.3   | 25.2                                   | 27.8                                | 9.1                                  | 498                    |
| 8-9 years complete        | 37.2  | 29.9                                | 7.5                                  | 805                          | (26.5)  | (26.3)                                 | (36.1)                              | (7.2)                                | 53  | 95.4   | 23.9                                   | 30.3                                | 7.5                                  | 858                    |
| 10-11 years complete      | 38.8  | 28.2                                | 7.9                                  | 326                          | *   | *                                      | *                                   | *                                    | 12  | 97.4   | 24.1                                   | 28.3                                | 8.0                                  | 338                    |
| 12 or more years complete | 36.6  | 26.5                                | 6.4                                  | 460                          | *   | *                                      | *                                   | *                                    | 22  | 97.0   | 21.9                                   | 26.5                                | 6.3                                  | 482                    |
| <b>Religion</b>           |   |                                     |                                      |                              |   |  |                                     |                                      |   |  |  |                                     |                                      |                        |
| Hindu                     | 39.9  | 28.5                                | 7.9                                  | 1,528                        | 25.9  | 18.8                                   | 18.2                                | 3.0                                  | 73  | 96.6   | 23.7                                   | 28.1                                | 7.7                                  | 1,601                  |
| Muslim                    | 38.6  | 26.2                                | 7.0                                  | 1,185                        | 28.0  | 18.3                                   | 28.7                                | 7.9                                  | 78  | 95.6   | 23.6                                   | 26.4                                | 7.0                                  | 1,263                  |
| Christian                 | 32.6  | 35.7                                | 16.0                                 | 63                           | *   | *                                      | *                                   | *                                    | 3   | 98.6   | 24.4                                   | 37.2                                | 15.3                                 | 66                     |

Continued...

**Table 71 Minimum acceptable diet—Continued**

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, Assam, 2019-20

| Background characteristic | Among breastfed children 6-23 months, percentage fed: |                                     |                                      | Number of breastfed children age 6-23 months | Among non-breastfed children 6-23 months, percentage fed: |  |                                     |                                      | Number of non-breastfed children 6-23 months | Among all children 6-23 months, percentage fed:  |  |                                     |                                      |                                    |
|---------------------------|---|-------------------------------------|--------------------------------------|--|---|--|-------------------------------------|--------------------------------------|--|--|--|-------------------------------------|--------------------------------------|------------------------------------|
|                           | Minimum dietary diversity <sup>1</sup>                | Minimum meal frequency <sup>2</sup> | Minimum acceptable diet <sup>3</sup> |  | 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> |  | Breast milk, milk, or milk products <sup>7</sup> | Minimum dietary diversity <sup>1</sup> | Minimum meal frequency <sup>8</sup> | Minimum acceptable diet <sup>9</sup> | Number of all children 6-23 months |
| <b>Caste/tribe</b>        |   |                                     |                                      |  |   |  |                                     |                                      |  |  |  |                                     |                                      |                                    |
| Scheduled caste           | 38.6  | 23.0                                | 7.8                                  | 359  | *   | *                                      | *                                   | *                                    | 20   | 95.9   | 23.4                                   | 22.9                                | 7.8                                  | 379                                |
| Scheduled tribe           | 38.2  | 30.3                                | 9.4                                  | 297  | (45.0)  | (12.3)                                 | (39.2)                              | (0.0)                                | 14   | 97.5   | 24.4                                   | 30.7                                | 9.0                                  | 310                                |
| Other backward class      | 40.7  | 30.0                                | 7.3                                  | 659  | (28.6)  | (9.3)                                  | (20.2)                              | (3.3)                                | 28   | 97.1   | 23.8                                   | 29.6                                | 7.1                                  | 687                                |
| Other                     | 38.5  | 27.4                                | 7.4                                  | 1,455  | 26.3  | 19.3                                   | 24.1                                | 6.7                                  | 93   | 95.6   | 23.3                                   | 27.2                                | 7.4                                  | 1,547                              |
| <b>Total</b>              | <b>39.1</b>   | <b>27.7</b>                         | <b>7.7</b>                           | <b>2,780</b>                                 | <b>27.8</b>   | <b>18.8</b>                            | <b>24.5</b>                         | <b>5.4</b>                           | <b>154</b>                                   | <b>96.2</b>                                      | <b>23.6</b>                            | <b>27.5</b>                         | <b>7.6</b>                           | <b>2,935</b>                       |

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

Total includes children belonging to other religions, who are not shown separately.

<sup>1</sup> Children received foods from four or more of the following food groups: a. breast milk b. infant formula, milk other than breast milk, cheese or yogurt or other milk products; c. foods made from grains or roots, including porridge or gruel, fortified baby food made from grains; d. vitamin A-rich fruits and vegetables; e. other fruits and vegetables; f. eggs; g. meat, poultry, fish, shellfish, or organ meats; h. beans, peas, lentils, or nuts.

<sup>2</sup> For breastfed children, minimum meal frequency is receiving solid or semi-solid food at least twice a day for infants 6-8 months and at least three times a day for children 9-23 months

<sup>3</sup> Breastfed children age 6-23 months are considered to be fed a minimum acceptable diet if they are fed the minimum dietary diversity as described in footnote 1 and the minimum meal frequency as described in footnote 2

<sup>4</sup> Includes two or more feedings of commercial infant formula; fresh, tinned and powdered animal milk; and yogurt

<sup>5</sup> For nonbreastfed children age 6-23 months, minimum meal frequency is receiving solid or semi-solid food or milk feeds at least four times a day. At least one of the feeds must be a solid or semi-solid food.

<sup>6</sup> Nonbreastfed children age 6-23 months are considered to be fed a minimum acceptable diet if they receive other milk or milk products at least twice a day, receive the minimum meal frequency as described in footnote 5, and receive solid or semi-solid foods from at least four food groups not including the milk or milk products food group

<sup>7</sup> Breastfeeding, or not breastfeeding and receiving two or more feedings of commercial infant formula, fresh, tinned, and powdered animal milk, and yogurt

<sup>8</sup> Children are fed the minimum recommended number of times per day according to their age and breastfeeding status as described in footnotes 2 and 5

<sup>9</sup> Children age 6-23 months are considered to be fed a minimum acceptable diet if they receive breast milk, other milk or milk products as described in footnote 7, are fed the minimum dietary diversity as described in footnote 1, and are fed the minimum meal frequency as described in footnotes 2 and 5

**Table 72 Child feeding practices and nutritional status of children by district**

Among last-born children who were born in the 2 years preceding the survey, percentage who started breastfeeding within 1 hour of birth, percentage of youngest children under age 6 months living with the mother who are exclusively breastfed, and percentage of children under age 5 years classified as malnourished according to three anthropometric indices of nutritional status: height-for-age, weight-for-height, and weight-for-age, by district, Assam, 2019-20

| District                | Among last born children in the past 2 years |                    | Percentage of children under age 6 months exclusively breastfed <sup>1</sup> |                    | Height-for-age <sup>2</sup>         |                    | Weight-for-height                   |                    | Weight-for-age                      |                    |
|-------------------------|--|--------------------|--|--------------------|-------------------------------------|--------------------|-------------------------------------|--------------------|-------------------------------------|--------------------|
|                         | Percentage breastfed within 1 hour of birth  | Number of children | Percentage of children under age 6 months exclusively breastfed <sup>1</sup> | Number of children | Percentage below -2 SD <sup>3</sup> | Number of children | Percentage below -2 SD <sup>3</sup> | Number of children | Percentage below -2 SD <sup>3</sup> | Number of children |
|                         | Baksa  | 38.7               | 136  | (60.6)             | 32                                  | 41.2               | 314                                 | 17.0               | 297                                 | 34.0               |
| Barpeta                 | 40.6   | 242                | (65.1)   | 56                 | 29.8                                | 540                | 19.5                                | 523                | 26.2                                | 564                |
| Biswanath               | 64.7   | 57                 | (68.0)   | 13                 | 42.7                                | 130                | 27.1                                | 125                | 41.0                                | 133                |
| Bongaigaon              | 50.1   | 83                 | *  | 14                 | 46.2                                | 202                | 20.2                                | 207                | 35.3                                | 220                |
| Cachar                  | 30.6   | 288                | (50.8)   | 86                 | 28.7                                | 718                | 30.7                                | 680                | 38.2                                | 734                |
| Charaideo               | 58.5   | 49                 | *  | 10                 | 39.0                                | 117                | 23.5                                | 115                | 34.8                                | 123                |
| Chirang                 | 43.6   | 60                 | (76.8)   | 14                 | 42.7                                | 140                | 19.5                                | 137                | 39.7                                | 145                |
| Darrang                 | 50.0   | 130                | (61.1)   | 27                 | 42.0                                | 295                | 27.0                                | 283                | 33.0                                | 304                |
| Dhemaji                 | 40.0   | 86                 | (75.5)   | 26                 | 37.2                                | 185                | 18.3                                | 185                | 25.7                                | 193                |
| Dhubri                  | 61.0   | 213                | (66.4)   | 56                 | 48.5                                | 544                | 21.5                                | 530                | 37.8                                | 557                |
| Dibrugarh               | 52.3   | 140                | *  | 29                 | 27.3                                | 384                | 20.6                                | 383                | 32.0                                | 390                |
| Dima Hasao              | 61.5   | 18                 | *  | 4                  | 30.6                                | 50                 | 23.6                                | 48                 | 21.7                                | 51                 |
| Goalpara                | 45.9   | 102                | *  | 22                 | 38.9                                | 299                | 24.3                                | 280                | 35.4                                | 308                |
| Golaghat                | 51.7   | 102                | *  | 24                 | 26.3                                | 243                | 19.2                                | 232                | 25.5                                | 246                |
| Hailakandi              | 24.7   | 137                | (50.9)   | 36                 | 42.9                                | 314                | 22.2                                | 305                | 42.4                                | 317                |
| Hojai                   | 59.7   | 31                 | (65.0)   | 11                 | 39.3                                | 79                 | 12.7                                | 79                 | 28.4                                | 81                 |
| Jorhat                  | 48.3   | 112                | *  | 20                 | 38.7                                | 240                | 15.5                                | 238                | 33.2                                | 248                |
| Kamrup                  | 47.5   | 183                | *  | 38                 | 22.6                                | 381                | 14.8                                | 373                | 19.7                                | 402                |
| Kamrup Metropolitan     | 55.0   | 121                | *  | 39                 | 25.4                                | 276                | 18.2                                | 268                | 25.0                                | 293                |
| Karbi Anglong           | 51.3   | 81                 | (55.2)   | 20                 | 31.6                                | 208                | 17.2                                | 203                | 28.2                                | 214                |
| Karimganj               | 41.6   | 235                | (53.1)   | 55                 | 29.1                                | 564                | 48.0                                | 506                | 52.9                                | 572                |
| Kokrajhar               | 56.5   | 119                | *  | 21                 | 34.6                                | 259                | 20.5                                | 249                | 35.1                                | 277                |
| Lakhimpur               | 57.8   | 121                | (80.9)   | 28                 | 38.5                                | 275                | 18.2                                | 266                | 34.4                                | 280                |
| Majuli                  | 51.2   | 19                 | *  | 4                  | 35.4                                | 43                 | 14.1                                | 41                 | 22.2                                | 44                 |
| Morigaon                | 62.3   | 120                | (65.0)   | 26                 | 43.2                                | 336                | 16.1                                | 331                | 30.5                                | 345                |
| Nagaon                  | 62.1   | 367                | (67.5)   | 93                 | 38.9                                | 993                | 19.4                                | 956                | 32.4                                | 1,029              |
| Nalbari                 | 45.4   | 82                 | *  | 18                 | 27.5                                | 202                | 15.4                                | 200                | 26.7                                | 207                |
| Sivasagar               | 52.3   | 67                 | *  | 13                 | 26.1                                | 181                | 21.1                                | 180                | 25.9                                | 184                |
| Sonitpur                | 52.3   | 157                | (65.6)   | 40                 | 36.7                                | 371                | 13.1                                | 364                | 21.8                                | 375                |
| South Salmara Mancachar | 55.7   | 96                 | (66.3)   | 25                 | 38.9                                | 246                | 18.2                                | 248                | 27.9                                | 261                |
| Tinsukia                | 57.4   | 126                | *  | 32                 | 32.8                                | 329                | 21.5                                | 323                | 32.1                                | 336                |
| Udalguri                | 40.5   | 91                 | *  | 21                 | 33.8                                | 216                | 21.3                                | 208                | 32.5                                | 222                |
| West Karbi Anglong      | 57.3   | 38                 | (75.6)   | 9                  | 40.8                                | 84                 | 23.2                                | 80                 | 31.1                                | 86                 |
| Assam                   | 49.2   | 4,009              | 63.7   | 957                | 35.3                                | 9,758              | 21.7                                | 9,443              | 32.8                                | 10,071             |

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> Based on the youngest child living with the mother

<sup>2</sup> Recumbent length is measured for children under age 2, or in the few cases when the age of the child is unknown and the child is less than 85 cm; standing height is measured for all other children

<sup>3</sup> Based on the WHO Growth Standards population median

**Table 73 Prevalence of anaemia in children**

Percentage of children age 6-59 months classified as having anaemia, by background characteristics, Assam, 2019-20 and totals for NFHS-4

| Background characteristic             | Anaemia status by haemoglobin level |                            |                        | Any anaemia<br>(<11.0 g/dl) | Number of children |
|---------------------------------------|-------------------------------------|----------------------------|------------------------|-----------------------------|--------------------|
|                                       | Mild<br>(10.0-10.9 g/dl)            | Moderate<br>(7.0-9.9 g/dl) | Severe<br>(< 7.0 g/dl) |                             |                    |
| <b>Age in months</b>                  |                                     |                            |                        |                             |                    |
| 6-8                                   | 30.2                                | 45.4                       | 1.5                    | 77.1                        | 337                |
| 9-11                                  | 32.2                                | 50.8                       | 1.6                    | 84.6                        | 372                |
| 12-17                                 | 36.6                                | 42.2                       | 0.7                    | 79.5                        | 655                |
| 18-23                                 | 36.0                                | 38.4                       | 1.3                    | 75.7                        | 794                |
| 24-35                                 | 36.0                                | 31.6                       | 0.6                    | 68.1                        | 1,566              |
| 36-47                                 | 36.0                                | 26.4                       | 0.7                    | 63.1                        | 1,505              |
| 48-59                                 | 38.6                                | 20.6                       | 0.4                    | 59.5                        | 1,543              |
| <b>Sex</b>                            |                                     |                            |                        |                             |                    |
| Male                                  | 36.1                                | 31.3                       | 0.8                    | 68.2                        | 3,434              |
| Female                                | 36.2                                | 31.6                       | 0.8                    | 68.6                        | 3,338              |
| <b>Birth order<sup>1</sup></b>        |                                     |                            |                        |                             |                    |
| 1                                     | 36.5                                | 30.7                       | 0.9                    | 68.0                        | 3,091              |
| 2-3                                   | 35.7                                | 32.0                       | 0.7                    | 68.4                        | 3,117              |
| 4-5                                   | 37.7                                | 33.4                       | 0.7                    | 71.8                        | 462                |
| 6 or more                             | 32.7                                | 33.1                       | 0.0                    | 65.8                        | 83                 |
| <b>Residence</b>                      |                                     |                            |                        |                             |                    |
| Urban                                 | 39.1                                | 26.8                       | 0.4                    | 66.4                        | 779                |
| Rural                                 | 35.8                                | 32.1                       | 0.8                    | 68.6                        | 5,993              |
| <b>Mother's schooling<sup>2</sup></b> |                                     |                            |                        |                             |                    |
| No schooling                          | 34.8                                | 35.5                       | 1.0                    | 71.3                        | 908                |
| <5 years complete                     | 33.1                                | 34.0                       | 0.4                    | 67.5                        | 688                |
| 5-7 years complete                    | 37.3                                | 32.0                       | 0.6                    | 69.8                        | 1,109              |
| 8-9 years complete                    | 37.4                                | 29.7                       | 0.9                    | 68.0                        | 2,141              |
| 10-11 years complete                  | 34.0                                | 30.5                       | 0.8                    | 65.3                        | 779                |
| 12 or more years complete             | 37.0                                | 30.2                       | 0.7                    | 67.9                        | 1,147              |
| <b>Religion</b>                       |                                     |                            |                        |                             |                    |
| Hindu                                 | 35.6                                | 32.7                       | 0.7                    | 69.0                        | 3,766              |
| Muslim                                | 36.7                                | 29.5                       | 0.8                    | 67.0                        | 2,814              |
| Christian                             | 37.8                                | 37.9                       | 1.7                    | 77.5                        | 155                |
| Other                                 | (50.4)                              | (27.5)                     | (0.0)                  | (77.8)                      | 36                 |
| <b>Caste/tribe</b>                    |                                     |                            |                        |                             |                    |
| Scheduled caste                       | 33.5                                | 33.8                       | 0.4                    | 67.6                        | 847                |
| Scheduled tribe                       | 37.3                                | 37.5                       | 1.2                    | 76.0                        | 784                |
| Other backward class                  | 37.2                                | 31.2                       | 0.9                    | 69.3                        | 1,605              |
| Other                                 | 36.0                                | 29.6                       | 0.7                    | 66.4                        | 3,492              |
| No caste/tribe or missing             | (47.9)                              | (30.5)                     | (0.0)                  | (78.4)                      | 25                 |

*Continued...*

**Table 73 Prevalence of anaemia in children—Continued**

Percentage of children age 6-59 months classified as having anaemia, by background characteristics, Assam, 2019-20 and totals for NFHS-4

| Background characteristic                  | Anaemia status by haemoglobin level |                            |                        | Any anaemia<br>(<11.0 g/dl) | Number of children |
|--|-------------------------------------|----------------------------|------------------------|-----------------------------|--------------------|
|  | Mild<br>(10.0-10.9 g/dl)            | Moderate<br>(7.0-9.9 g/dl) | Severe<br>(< 7.0 g/dl) |                             |                    |
| <b>Child's living arrangements</b>         |                                     |                            |                        |                             |                    |
| Living with both parents                   | 36.1                                | 31.0                       | 0.7                    | 67.9                        | 6,244              |
| Living with one or neither parent          | 36.4                                | 36.8                       | 1.3                    | 74.6                        | 528                |
| <b>Mother's anaemia status<sup>4</sup></b> |                                     |                            |                        |                             |                    |
| Not anaemic                                | 37.0                                | 24.5                       | 0.3                    | 61.8                        | 2,356              |
| Mildly anaemic                             | 37.6                                | 28.5                       | 0.7                    | 66.8                        | 1,859              |
| Moderately/severely anaemic                | 34.4                                | 39.9                       | 1.2                    | 75.5                        | 2,498              |
| <b>Total</b>                               | <b>36.2</b>                         | <b>31.5</b>                | <b>0.8</b>             | <b>68.4</b>                 | <b>6,772</b>       |
| <b>NFHS-4 (2015-16)</b>                    | <b>23.9</b>                         | <b>11.4</b>                | <b>0.4</b>             | <b>35.7</b>                 | <b>7,962</b>       |

Note: Table is based on children who stayed in the household the night before the interview and who were tested for anaemia. Prevalence of anaemia, based on haemoglobin levels, is adjusted for altitude using the CDC formula (Centers for Disease Control (CDC). 1998. Recommendations to prevent and control iron deficiency in the United States. *Morbidity and Mortality Weekly Report* 47 (RR-3): 1-29). Haemoglobin levels shown in grams per decilitre (g/dl). Figures in parentheses are based on 25-49 unweighted cases. Total includes children whose caste/tribe is not known and children whose mothers are not interviewed but, are in the household, who are not shown separately.

<sup>1</sup> Excludes children whose mothers were not interviewed

<sup>2</sup> For mothers who are not interviewed, information is taken from the Household Questionnaire. Excludes children whose mothers are not listed in the household schedule.

<sup>3</sup> Mildly anaemic is 10.0-11.9 g/dl for non-pregnant women and 10.0-10.9 g/dl for pregnant women. Moderately/severely anaemic is <10.0 g/dl. Adjusted for altitude and for smoking status. Excludes children whose mother's anaemia status is not known.

**Table 74 Micronutrient intake among children**

Percentage of youngest children age 6-23 months living with the mother who consumed vitamin A-rich and iron-rich foods in the day or night preceding the survey, percentage of children age 6-23 months who were given multiple micronutrient powder in the last 7 days, who were given iron supplements in the last 7 days, and who were given deworming medication in the last 6 months; percentage of children age 9-35 months who were given vitamin A supplements in the last 7 days and, who were given deworming medication in the 6 months preceding the survey; and percentage of children age 6-59 months who live in households using iodized salt, by background characteristics, Assam, 2019-20, and total from NFHS-4

| Background characteristic               | Among youngest children age 6-23 months living with their mother:             |  |                    | Among children age 6-23 months:  |   |   | Number of children | Among children age 9-35 months:                                      |                    | Among children age 6-59 months in households with salt tested:  |                    |
|---|---|--|--------------------|--|---|---|--------------------|--|--------------------|---|--------------------|
|   | Percentage who consumed foods rich in vitamin A in last 24 hours <sup>1</sup> | Percentage who consumed foods rich in iron in last 24 hours <sup>2</sup> | Number of children | Percentage given multiple micronutrient powder in last 7 days <sup>3</sup> | Percentage given iron supplements in last 7 days <sup>3</sup> | Percentage given deworming medication in last 6 months <sup>3,4</sup> |                    | Percentage given vitamin A supplements in last 6 months <sup>5</sup> | Number of children | Percentage living in households using iodized salt <sup>6</sup> | Number of children |
| <b>Age in months</b>                    |   |  |                    |  |   |   |                    |  |                    |   |                    |
| 6-8                                     | 18.8  | 10.4   | 519                | 7.8  | 21.0  | 16.8  | 521                | na   | na                 | 97.4  | 518                |
| 9-11                                    | 36.4  | 17.8   | 502                | 8.1  | 23.9  | 22.1  | 505                | 59.6   | 505                | 97.9  | 513                |
| 12-17                                   | 49.1  | 28.8   | 895                | 9.0  | 24.6  | 26.4  | 910                | 64.2   | 910                | 98.6  | 913                |
| 18-23                                   | 58.0  | 38.6   | 1,019              | 7.2  | 24.9  | 29.6  | 1,057              | 57.6   | 1,057              | 98.8  | 1,054              |
| 24-35                                   | na  | na   | na                 | na   | na  | na  | na                 | 55.6   | 2,135              | 98.1  | 2,138              |
| 36-47                                   | na  | na   | na                 | na   | na  | na  | na                 | na   | na                 | 98.3  | 2,077              |
| 48-59                                   | na  | na   | na                 | na   | na  | na  | na                 | na   | na                 | 98.2  | 2,159              |
| <b>Sex</b>                              |   |  |                    |  |   |   |                    |  |                    |   |                    |
| Male                                    | 44.1  | 27.4   | 1,487              | 8.0  | 25.5  | 26.2  | 1,509              | 58.3   | 2,335              | 98.0  | 4,737              |
| Female                                  | 45.3  | 26.8   | 1,447              | 8.0  | 22.5  | 24.0  | 1,484              | 58.0   | 2,272              | 98.5  | 4,635              |
| <b>Birth order</b>                      |   |  |                    |  |   |   |                    |  |                    |   |                    |
| 1                                       | 39.9  | 23.4   | 1,289              | 8.4  | 25.2  | 25.8  | 1,315              | 58.5   | 2,057              | 98.4  | 4,075              |
| 2-3                                     | 48.6  | 30.5   | 1,380              | 7.4  | 23.0  | 25.3  | 1,404              | 59.3   | 2,127              | 98.3  | 4,279              |
| 4-5                                     | 45.8  | 25.8   | 213                | 10.0   | 25.3  | 20.5  | 216                | 53.9   | 342                | 97.4  | 818                |
| 6 or more                               | 53.2  | 32.4   | 53                 | 4.8  | 14.2  | 23.8  | 57                 | 37.7   | 79                 | 98.4  | 170                |
| <b>Breastfeeding status<sup>7</sup></b> |   |  |                    |  |   |   |                    |  |                    |   |                    |
| Breastfeeding                           | 45.0  | 27.3   | 2,780              | 8.2  | 23.2  | 24.7  | 2,785              | 58.8   | 3,911              | 98.3  | 5,611              |
| Not breastfeeding                       | 38.0  | 23.8   | 154                | 5.8  | 34.2  | 31.6  | 208                | 54.8   | 695                | 98.2  | 3,731              |
| <b>Residence</b>                        |   |  |                    |  |   |   |                    |  |                    |   |                    |
| Urban                                   | 42.4  | 26.8   | 339                | 13.8   | 30.6  | 34.1  | 344                | 64.0   | 540                | 99.1  | 1,009              |
| Rural                                   | 45.0  | 27.1   | 2,595              | 7.2  | 23.1  | 24.0  | 2,649              | 57.4   | 4,066              | 98.1  | 8,363              |

Continued...

Table 74 Micronutrient intake among children—Continued

Percentage of youngest children age 6-23 months living with their mother who consumed vitamin A-rich and iron-rich foods in the day or night preceding the survey, percentage of children age 6-23 months who were given multiple micronutrient powder in the last 7 days, who were given iron supplements in the last 7 days and who were given deworming medication in the 6 months; percentage of children age 9-35 months who were given vitamin A supplements in the last 6 months; and percentage of children age 6-59 months who live in households using iodized salt, by background characteristics, Assam, 2019-20

| Background characteristic | Among youngest children age 6-23 months living with their mother:             |  |                    | Among children age 6-23 months:  |   |   | Among children age 9-35 months: |  | Among children age 6-59 months in households with salt tested: |   |                    |
|---------------------------|---|--|--------------------|--|---|---|---------------------------------|--|--|---|--------------------|
|                           | Percentage who consumed foods rich in vitamin A in last 24 hours <sup>1</sup> | Percentage who consumed foods rich in iron in last 24 hours <sup>2</sup> | Number of children | Percentage given multiple micronutrient powder in last 7 days <sup>3</sup> | Percentage given iron supplements in last 7 days <sup>3</sup> | Percentage given deworming medication in last 6 months <sup>3,4</sup> | Number of children              | Percentage given vitamin A supplements in the last 6 months <sup>5</sup> | Number of children   | Percentage living in households using iodized salt <sup>6</sup> | Number of children |
| <b>Mother's schooling</b> |   |  |                    |  |   |   |                                 |  |  |   |                    |
| No schooling              | 48.9  | 29.2   | 478                | 5.9  | 23.0  | 28.4  | 487                             | 53.9   | 741  | 97.8  | 1,572              |
| <5 years complete         | 44.9  | 29.0   | 280                | 7.9  | 22.2  | 24.7  | 287                             | 52.9   | 435  | 96.2  | 973                |
| 5-7 years complete        | 47.3  | 32.3   | 498                | 9.0  | 21.0  | 20.8  | 507                             | 57.3   | 780  | 98.0  | 1,577              |
| 8-9 years complete        | 45.0  | 26.3   | 858                | 7.3  | 24.4  | 23.2  | 877                             | 59.2   | 1,331  | 98.9  | 2,747              |
| 10-11 years complete      | 39.9  | 23.6   | 338                | 9.1  | 25.6  | 28.7  | 342                             | 61.9   | 544  | 98.7  | 1,067              |
| 12 or more years complete | 40.3  | 22.4   | 482                | 9.5  | 27.0  | 27.5  | 493                             | 61.7   | 775  | 98.7  | 1,436              |
| <b>Religion</b>           |   |  |                    |  |   |   |                                 |  |  |   |                    |
| Hindu                     | 43.3  | 24.8   | 1,601              | 9.5  | 23.9  | 26.3  | 1,620                           | 60.6   | 2,402  | 99.1  | 4,867              |
| Muslim                    | 46.9  | 30.3   | 1,263              | 6.2  | 24.4  | 24.1  | 1,301                           | 56.0   | 2,091  | 97.2  | 4,231              |
| Christian                 | 39.2  | 21.7   | 66                 | 7.6  | 17.2  | 18.9  | 67                              | 49.3   | 102  | 99.9  | 222                |
| Other                     | *   | *  | 4                  | 0.0  | *   | *   | 4                               | *  | 11   | 94.6  | 53                 |
| <b>Caste/tribe</b>        |   |  |                    |  |   |   |                                 |  |  |   |                    |
| Scheduled caste           | 44.1  | 25.5   | 379                | 12.2   | 29.3  | 32.7  | 388                             | 66.6   | 549  | 98.9  | 1,094              |
| Scheduled tribe           | 44.7  | 27.1   | 310                | 10.5   | 18.1  | 21.6  | 313                             | 57.3   | 485  | 99.5  | 1,003              |
| Other backward class      | 43.5  | 24.4   | 687                | 8.9  | 19.7  | 24.2  | 692                             | 59.5   | 1,021  | 98.9  | 2,091              |
| Other                     | 45.3  | 28.6   | 1,547              | 6.1  | 25.7  | 24.5  | 1,588                           | 55.9   | 2,536  | 97.6  | 5,115              |
| Don't know                | *   | *  | 11                 | 6.4  | *   | *   | 11                              | *  | 15   | *   | 34                 |
| No caste/tribe or missing | *   | *  | 0                  | -  | *   | *   | 0                               | *  | 0  | (97.4)  | 36                 |
| <b>Total</b>              | <b>44.7</b>   | <b>27.1</b>  | <b>2,935</b>       | <b>8.0</b>   | <b>24.0</b>   | <b>25.1</b>   | <b>2,993</b>                    | <b>58.2</b>  | <b>4,606</b>   | <b>98.2</b>   | <b>9,372</b>       |

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

na = Not applicable

<sup>1</sup> Includes meat and organ meats, fish, poultry, eggs, pumpkin, carrots, squash, sweet potatoes that are yellow or orange inside, dark green leafy vegetables, ripe mango, papaya, cantaloupe, and jackfruit

<sup>2</sup> Includes meat and organ meats, fish, poultry, and eggs

<sup>3</sup> Based on mother's recall

<sup>4</sup> Deworming for intestinal parasites is commonly done for helminths and schistosomiasis

<sup>5</sup> Based on mother's recall and the vaccination card (where available)

<sup>6</sup> Excludes children in households in which salt was not tested

<sup>7</sup> Excludes children whose breastfeeding status is unknown



**Table 75 Presence of iodized salt in household**

Percent distribution of households by salt testing, and among households with salt tested, percentage with iodized salt, according to background characteristics, Assam, 2019-20, and total for NFHS-4

| Background characteristic            | Percentage of households: |   |                               |       | Number of households | Among households with tested salt: |                      |
|--------------------------------------|---------------------------|---|-------------------------------|-------|----------------------|------------------------------------|----------------------|
|                                      | With salt tested          | With salt, but salt not tested <sup>1</sup> | With no salt in the household | Total |                      | Percentage with iodized salt       | Number of households |
| <b>Residence</b>                     |                           |   |                               |       |                      |                                    |                      |
| Urban                                | 99.7                      | 0.1   | 0.2                           | 100.0 | 4,913                | 99.6                               | 4,897                |
| Rural                                | 99.9                      | 0.0   | 0.1                           | 100.0 | 25,206               | 98.6                               | 25,177               |
| <b>Religion of household head</b>    |                           |   |                               |       |                      |                                    |                      |
| Hindu                                | 99.8                      | 0.0   | 0.2                           | 100.0 | 18,586               | 99.3                               | 18,550               |
| Muslim                               | 99.9                      | 0.0   | 0.1                           | 100.0 | 10,007               | 97.8                               | 10,000               |
| Christian                            | 99.9                      | 0.0   | 0.1                           | 100.0 | 857                  | 99.9                               | 856                  |
| Other                                | 99.9                      | 0.1   | 0.0                           | 100.0 | 669                  | 98.2                               | 668                  |
| <b>Caste/tribe of household head</b> |                           |   |                               |       |                      |                                    |                      |
| Scheduled caste                      | 99.7                      | 0.1   | 0.1                           | 100.0 | 3,863                | 99.1                               | 3,852                |
| Scheduled tribe                      | 99.9                      | 0.0   | 0.1                           | 100.0 | 3,745                | 99.4                               | 3,741                |
| Other backward class                 | 99.8                      | 0.0   | 0.2                           | 100.0 | 7,727                | 99.2                               | 7,713                |
| Other                                | 99.9                      | 0.0   | 0.1                           | 100.0 | 14,108               | 98.3                               | 14,093               |
| Don't know                           | 100.0                     | 0.0   | 0.0                           | 100.0 | 83                   | 100.0                              | 83                   |
| No caste/tribe or missing            | 99.8                      | 0.2   | 0.0                           | 100.0 | 593                  | 98.5                               | 592                  |
| Total                                | 99.9                      | 0.0   | 0.1                           | 100.0 | 30,119               | 98.8                               | 30,074               |
| NFHS-4 (2015-16)                     | 99.8                      | 0.0   | 0.2                           | 100.0 | 24,542               | 99.6                               | 24,485               |

<sup>1</sup> Includes households in which salt could not be tested for technical or logistical reasons, including non-availability of test kits

**Table 76 Presence of iodized salt in household by district**

Percent distribution of households by salt testing, and among households with salt tested, percentage with iodized salt, by district, Assam, 2019-20

| District                | Percentage of households: |   |                               |       | Number of households | Among households with tested salt: |                      |
|-------------------------|---------------------------|---|-------------------------------|-------|----------------------|------------------------------------|----------------------|
|                         | With salt tested          | With salt, but salt not tested <sup>1</sup> | With no salt in the household | Total |                      | Percentage with iodized salt       | Number of households |
| Baksa                   | 99.9                      | 0.0   | 0.1                           | 100.0 | 911                  | 98.9                               | 910                  |
| Barpeta                 | 100.0                     | 0.0   | 0.0                           | 100.0 | 1,536                | 96.3                               | 1,536                |
| Biswanath               | 99.7                      | 0.0   | 0.3                           | 100.0 | 437                  | 98.0                               | 436                  |
| Bongaigaon              | 99.8                      | 0.0   | 0.2                           | 100.0 | 664                  | 98.3                               | 663                  |
| Cachar                  | 100.0                     | 0.0   | 0.0                           | 100.0 | 1,752                | 98.6                               | 1,752                |
| Charaideo               | 99.9                      | 0.0   | 0.1                           | 100.0 | 447                  | 99.7                               | 446                  |
| Chirang                 | 100.0                     | 0.0   | 0.0                           | 100.0 | 436                  | 98.6                               | 436                  |
| Darrang                 | 99.9                      | 0.0   | 0.1                           | 100.0 | 863                  | 97.4                               | 862                  |
| Dhemaji                 | 99.7                      | 0.0   | 0.3                           | 100.0 | 629                  | 99.6                               | 627                  |
| Dhubri                  | 99.9                      | 0.0   | 0.1                           | 100.0 | 1,357                | 99.1                               | 1,355                |
| Dibrugarh               | 99.5                      | 0.0   | 0.5                           | 100.0 | 1,385                | 99.5                               | 1,378                |
| Dima Hasao              | 99.9                      | 0.0   | 0.1                           | 100.0 | 198                  | 99.4                               | 198                  |
| Goalpara                | 100.0                     | 0.0   | 0.0                           | 100.0 | 883                  | 99.1                               | 883                  |
| Golaghat                | 99.9                      | 0.0   | 0.1                           | 100.0 | 1,054                | 98.7                               | 1,054                |
| Hailakandi              | 99.9                      | 0.0   | 0.1                           | 100.0 | 703                  | 97.6                               | 703                  |
| Hojai                   | 99.5                      | 0.0   | 0.5                           | 100.0 | 225                  | 98.9                               | 224                  |
| Jorhat                  | 99.9                      | 0.0   | 0.1                           | 100.0 | 969                  | 98.9                               | 968                  |
| Kamrup                  | 99.6                      | 0.3   | 0.1                           | 100.0 | 1,514                | 98.2                               | 1,507                |
| Kamrup Metropolitan     | 99.8                      | 0.1   | 0.1                           | 100.0 | 1,398                | 99.7                               | 1,396                |
| Karbi Anglong           | 99.6                      | 0.0   | 0.4                           | 100.0 | 619                  | 99.8                               | 617                  |
| Karimganj               | 100.0                     | 0.0   | 0.0                           | 100.0 | 1,165                | 98.7                               | 1,165                |
| Kokrajhar               | 99.8                      | 0.0   | 0.2                           | 100.0 | 855                  | 99.6                               | 853                  |
| Lakhimpur               | 99.9                      | 0.0   | 0.1                           | 100.0 | 951                  | 99.9                               | 950                  |
| Majuli                  | 99.8                      | 0.0   | 0.2                           | 100.0 | 147                  | 99.8                               | 146                  |
| Morigaon                | 99.7                      | 0.1   | 0.2                           | 100.0 | 898                  | 97.0                               | 895                  |
| Nagaon                  | 100.0                     | 0.0   | 0.0                           | 100.0 | 2,561                | 98.7                               | 2,561                |
| Nalbari                 | 99.7                      | 0.1   | 0.1                           | 100.0 | 727                  | 99.4                               | 725                  |
| Sivasagar               | 100.0                     | 0.0   | 0.0                           | 100.0 | 696                  | 99.8                               | 696                  |
| Sonitpur                | 99.9                      | 0.0   | 0.1                           | 100.0 | 1,285                | 99.4                               | 1,284                |
| South Salmara Mancachar | 100.0                     | 0.0   | 0.0                           | 100.0 | 556                  | 98.9                               | 556                  |
| Tinsukia                | 99.7                      | 0.0   | 0.3                           | 100.0 | 1,256                | 99.3                               | 1,252                |
| Udalguri                | 99.8                      | 0.0   | 0.2                           | 100.0 | 792                  | 99.3                               | 790                  |
| West Karbi Anglong      | 99.9                      | 0.0   | 0.1                           | 100.0 | 248                  | 98.9                               | 248                  |
| Assam                   | 99.9                      | 0.0   | 0.1                           | 100.0 | 30,119               | 98.8                               | 30,074               |

<sup>1</sup> Includes households in which salt could not be tested for technical or logistical reasons, including non-availability of test kits

**Table 77 Women's and men's food consumption**

Percent distribution of women and men age 15-49 by frequency of consumption of specific foods, Assam, 2019-20

| Type of food                | Frequency of consumption |        |              |       | Total | Number of respondents |
|-----------------------------|--------------------------|--------|--------------|-------|-------|-----------------------|
|                             | Daily                    | Weekly | Occasionally | Never |       |                       |
| WOMEN                       |                          |        |              |       |       |                       |
| Milk or curd                | 18.5                     | 36.4   | 40.2         | 5.0   | 100.0 | 34,979                |
| Pulses or beans             | 64.5                     | 27.8   | 7.3          | 0.4   | 100.0 | 34,979                |
| Dark green leafy vegetables | 45.3                     | 41.0   | 13.4         | 0.3   | 100.0 | 34,979                |
| Fruits                      | 7.0                      | 42.9   | 48.9         | 1.2   | 100.0 | 34,979                |
| Eggs                        | 5.5                      | 61.5   | 30.6         | 2.4   | 100.0 | 34,979                |
| Fish                        | 15.0                     | 66.1   | 17.8         | 1.2   | 100.0 | 34,979                |
| Chicken or meat             | 3.1                      | 54.4   | 40.0         | 2.5   | 100.0 | 34,979                |
| Fish or chicken/meat        | 16.3                     | 69.1   | 13.8         | 0.8   | 100.0 | 34,979                |
| Fried foods                 | 44.2                     | 28.9   | 24.8         | 2.1   | 100.0 | 34,979                |
| Aerated drinks              | 9.7                      | 16.2   | 55.2         | 19.0  | 100.0 | 34,979                |
| MEN                         |                          |        |              |       |       |                       |
| Milk or curd                | 20.6                     | 44.8   | 31.5         | 3.1   | 100.0 | 4,551                 |
| Pulses or beans             | 71.1                     | 24.8   | 4.0          | 0.1   | 100.0 | 4,551                 |
| Dark green leafy vegetables | 43.8                     | 46.9   | 9.3          | 0.0   | 100.0 | 4,551                 |
| Fruits                      | 8.7                      | 54.1   | 36.7         | 0.5   | 100.0 | 4,551                 |
| Eggs                        | 6.7                      | 70.8   | 21.4         | 1.1   | 100.0 | 4,551                 |
| Fish                        | 11.2                     | 71.9   | 16.3         | 0.6   | 100.0 | 4,551                 |
| Chicken or meat             | 3.0                      | 63.6   | 32.6         | 0.8   | 100.0 | 4,551                 |
| Fish or chicken/meat        | 12.0                     | 74.4   | 13.3         | 0.3   | 100.0 | 4,551                 |
| Fried foods                 | 41.5                     | 38.5   | 18.4         | 1.6   | 100.0 | 4,551                 |
| Aerated drinks              | 5.3                      | 25.6   | 57.9         | 11.2  | 100.0 | 4,551                 |

**Table 78 Nutritional status of adults**

Percentage of women and men age 15-49 with specific body mass index (BMI) levels, by background characteristics, Assam, 2019-20, and total for NFHS-4

| Background characteristic               | Body Mass Index: Women <sup>1</sup> |                               |  |                                   |                           |                  |                    | Body Mass Index: Men     |                                   |  |                                   |                           |                  |                  |
|---|-------------------------------------|-------------------------------|--|-----------------------------------|---------------------------|------------------|--------------------|--------------------------|-----------------------------------|--|-----------------------------------|---------------------------|------------------|------------------|
|   | <18.5<br>(total<br>thin)            | 17.0-18.4<br>(mildly<br>thin) | <17.0<br>(moderately<br>/severely<br>thin) | ≥25.0<br>(overweight<br>or obese) | 25.0-29.9<br>(overweight) | ≥30.0<br>(obese) | Number<br>of women | <18.5<br>(total<br>thin) | 17.0-<br>18.4<br>(mildly<br>thin) | <17.0<br>(moderately<br>/severely<br>thin) | ≥25.0<br>(overweight<br>or obese) | 25.0-29.9<br>(overweight) | ≥30.0<br>(obese) | Number of<br>men |
| <b>Age</b>                              |                                     |                               |  |                                   |                           |                  |                    |                          |                                   |  |                                   |                           |                  |                  |
| 15-19                                   | 32.6                                | 20.7                          | 11.9                                       | 3.9                               | 3.4                       | 0.5              | 5,240              | 28.0                     | 15.9                              | 12.1                                       | 4.4                               | 4.2                       | 0.2              | 710              |
| 20-29                                   | 19.1                                | 11.6                          | 7.5  | 11.3                              | 9.7                       | 1.6              | 10,302             | 11.8                     | 6.6                               | 5.1  | 13.7                              | 11.5                      | 2.1              | 1,290            |
| 30-39                                   | 12.0                                | 7.9                           | 4.1  | 20.7                              | 17.4                      | 3.3              | 9,397              | 10.8                     | 8.0                               | 2.8  | 19.9                              | 17.6                      | 2.3              | 1,207            |
| 40-49                                   | 12.3                                | 7.1                           | 5.3  | 21.3                              | 17.2                      | 4.1              | 7,694              | 9.1                      | 5.5                               | 3.6  | 22.4                              | 19.9                      | 2.5              | 1,177            |
| <b>Marital status</b>                   |                                     |                               |  |                                   |                           |                  |                    |                          |                                   |  |                                   |                           |                  |                  |
| Never married                           | 28.1                                | 17.3                          | 10.8                                       | 7.3                               | 6.2                       | 1.1              | 7,497              | 17.1                     | 10.1                              | 7.0  | 11.3                              | 9.9                       | 1.3              | 1,645            |
| Currently married                       | 14.3                                | 8.9                           | 5.4  | 17.6                              | 14.7                      | 2.9              | 23,603             | 10.7                     | 6.9                               | 3.8  | 19.4                              | 17.0                      | 2.4              | 2,694            |
| Widowed/divorced/<br>separated/deserted | 17.4                                | 11.0                          | 6.4  | 15.4                              | 12.5                      | 2.8              | 1,533              | (40.2)                   | (16.2)                            | (24.0)                                     | (9.5)                             | (9.5)                     | (0.0)            | 45               |
| <b>Residence</b>                        |                                     |                               |  |                                   |                           |                  |                    |                          |                                   |  |                                   |                           |                  |                  |
| Urban                                   | 13.9                                | 8.7                           | 5.2  | 23.8                              | 18.5                      | 5.3              | 4,878              | 11.3                     | 4.5                               | 6.8  | 25.4                              | 21.2                      | 4.1              | 679              |
| Rural                                   | 18.3                                | 11.3                          | 7.0  | 13.6                              | 11.6                      | 2.0              | 27,755             | 13.8                     | 8.9                               | 4.9  | 14.5                              | 13.0                      | 1.5              | 3,705            |
| <b>Schooling</b>                        |                                     |                               |  |                                   |                           |                  |                    |                          |                                   |  |                                   |                           |                  |                  |
| No schooling                            | 19.7                                | 11.5                          | 8.2  | 11.4                              | 9.6                       | 1.8              | 6,195              | 14.7                     | 10.2                              | 4.6  | 11.1                              | 9.4                       | 1.8              | 559              |
| <5 years complete                       | 17.1                                | 11.4                          | 5.6  | 12.6                              | 10.6                      | 2.0              | 3,062              | 13.0                     | 7.6                               | 5.4  | 9.4                               | 9.1                       | 0.3              | 464              |
| 5-9 years complete                      | 19.3                                | 12.0                          | 7.2  | 13.6                              | 11.6                      | 2.0              | 13,817             | 15.6                     | 9.1                               | 6.5  | 14.3                              | 13.0                      | 1.2              | 1,822            |
| 10-11 years complete                    | 16.4                                | 10.6                          | 5.8  | 18.5                              | 15.4                      | 3.1              | 4,071              | 15.2                     | 10.1                              | 5.1  | 15.8                              | 13.7                      | 2.2              | 546              |
| 12 or more years complete               | 12.3                                | 7.4                           | 4.9  | 22.2                              | 17.7                      | 4.4              | 5,488              | 7.8                      | 4.8                               | 3.0  | 26.1                              | 22.1                      | 4.0              | 993              |
| <b>Religion</b>                         |                                     |                               |  |                                   |                           |                  |                    |                          |                                   |  |                                   |                           |                  |                  |
| Hindu                                   | 17.3                                | 10.7                          | 6.6  | 16.8                              | 13.8                      | 3.0              | 20,265             | 13.5                     | 8.2                               | 5.3  | 18.8                              | 16.4                      | 2.4              | 2,728            |
| Muslim                                  | 18.3                                | 11.3                          | 6.9  | 12.2                              | 10.5                      | 1.7              | 11,305             | 12.8                     | 7.9                               | 5.0  | 11.9                              | 10.5                      | 1.3              | 1,525            |
| Christian                               | 17.1                                | 11.2                          | 5.9  | 15.3                              | 12.5                      | 2.8              | 980                | 17.9                     | 12.1                              | 5.8  | 13.3                              | 12.8                      | 0.5              | 115              |
| Other                                   | 17.5                                | 10.6                          | 6.8  | 15.7                              | 15.0                      | 0.7              | 83                 | *                        | *                                 | *  | *                                 | *                         | *                | 16               |

Continued...

Table 78 Nutritional status of adults—Continued

Percentage of women and men age 15-49 with specific body mass index (BMI) levels, by background characteristics, Assam, 2019-20, and total for NFHS-4

| Background characteristic | Body Mass Index: Women <sup>1</sup> |                               |  |                                   |                           |                  |                    | Body Mass Index: Men     |                               |   |                                   |                           |                  |                  |
|---------------------------|-------------------------------------|-------------------------------|--|-----------------------------------|---------------------------|------------------|--------------------|--------------------------|-------------------------------|---|-----------------------------------|---------------------------|------------------|------------------|
|                           | <18.5<br>(total<br>thin)            | 17.0-18.4<br>(mildly<br>thin) | <17.0<br>(moderately<br>/severely<br>thin) | ≥25.0<br>(overweight<br>or obese) | 25.0-29.9<br>(overweight) | ≥30.0<br>(obese) | Number<br>of women | <18.5<br>(total<br>thin) | 17.0-18.4<br>(mildly<br>thin) | <17.0<br>(moderately<br>y/severely<br>thin) | ≥25.0<br>(overweight<br>or obese) | 25.0-29.9<br>(overweight) | ≥30.0<br>(obese) | Number<br>of men |
| <b>Caste/tribe</b>        |                                     |                               |  |                                   |                           |                  |                    |                          |                               |   |                                   |                           |                  |                  |
| Scheduled caste           | 16.7                                | 10.8                          | 5.9  | 15.0                              | 12.6                      | 2.4              | 4,289              | 14.1                     | 8.1                           | 6.1   | 19.9                              | 16.8                      | 3.1              | 574              |
| Scheduled tribe           | 11.8                                | 8.3                           | 3.5  | 16.7                              | 13.8                      | 2.9              | 4,141              | 7.4                      | 5.9                           | 1.5   | 18.2                              | 16.1                      | 2.1              | 620              |
| Other backward class      | 21.2                                | 12.7                          | 8.5  | 15.4                              | 12.7                      | 2.6              | 8,464              | 17.9                     | 11.5                          | 6.4   | 17.8                              | 15.7                      | 2.1              | 1,117            |
| Other                     | 17.4                                | 10.7                          | 6.7  | 14.7                              | 12.3                      | 2.4              | 15,654             | 12.7                     | 7.2                           | 5.4   | 13.8                              | 12.3                      | 1.5              | 2,061            |
| Don't know                | 34.2                                | 20.7                          | 13.4                                       | 8.4                               | 6.5                       | 1.9              | 85                 | *                        | *                             | *   | *                                 | *                         | *                | 13               |
| Total age 15-49           | 17.6                                | 10.9                          | 6.7  | 15.2                              | 12.7                      | 2.5              | 32,633             | 13.4                     | 8.2                           | 5.2   | 16.2                              | 14.3                      | 1.9              | 4,384            |
| Age 50-54                 | na                                  | na                            | na   | na                                | na                        | na               | na                 | 10.7                     | 6.3                           | 4.4   | 22.0                              | 18.6                      | 3.4              | 414              |
| Total age 15-54           | na                                  | na                            | na   | na                                | na                        | na               | na                 | 13.2                     | 8.1                           | 5.1   | 16.7                              | 14.7                      | 2.1              | 4,798            |
| <b>Age 15-49</b>          |                                     |                               |  |                                   |                           |                  |                    |                          |                               |   |                                   |                           |                  |                  |
| NFHS-4 (2015-16)          | 25.7                                | 15.5                          | 10.2                                       | 13.2                              | 11.1                      | 2.1              | 26,502             | 20.7                     | 14.4                          | 6.3   | 12.9                              | 11.2                      | 1.7              | 3,708            |

Note: The body mass index (BMI) is expressed as the ratio of weight in kilograms to the square of height in metres (kg/m<sup>2</sup>). 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> Excludes pregnant women and women with a birth in the preceding 2 months

**Table 79 Waist circumference and waist-to-hip ratio**

Among women and men age 15-49, percentage with specific waist circumferences and waist-to-hip ratios, by background characteristics, Assam, 2019-20

| Background characteristic           | Waist circumference-Women |  |  | Waist-to-hip ratio-Women |   |                 | Waist circumference-Men |  |   | Waist-to-hip ratio-Men |   |               |
|-------------------------------------|---------------------------|--|--|--------------------------|---|-----------------|-------------------------|--|---|------------------------|---|---------------|
|                                     | Normal                    | Increased risk of metabolic complications (>80 cm) | Substantially increased risk of metabolic complications (>88 cm) | Normal                   | Substantially increased risk of metabolic complications (≥0.85) | Number of women | Normal                  | Increased risk of metabolic complications (>94 cm) | Substantially increased risk of metabolic complications (>102 cm) | Normal                 | Substantially increased risk of metabolic complications (≥0.90) | Number of men |
| <b>Age</b>                          |                           |  |  |                          |   |                 |                         |  |   |                        |   |               |
| 15-19                               | 87.0                      | 13.0   | 3.0  | 42.6                     | 57.4  | 5,231           | 99.3                    | 0.7  | 0.1   | 65.6                   | 34.4  | 710           |
| 20-29                               | 69.4                      | 30.6   | 8.9  | 34.7                     | 65.3  | 10,288          | 95.7                    | 4.3  | 1.6   | 58.8                   | 41.2  | 1,290         |
| 30-39                               | 56.7                      | 43.3   | 15.9   | 30.7                     | 69.3  | 9,384           | 94.8                    | 5.2  | 0.9   | 51.8                   | 48.2  | 1,207         |
| 40-49                               | 52.9                      | 47.1   | 18.6   | 26.7                     | 73.3  | 7,689           | 90.7                    | 9.3  | 2.7   | 48.2                   | 51.8  | 1,177         |
| <b>Marital status</b>               |                           |  |  |                          |   |                 |                         |  |   |                        |   |               |
| Never married                       | 80.3                      | 19.7   | 5.7  | 40.5                     | 59.5  | 7,484           | 96.5                    | 3.5  | 1.2   | 60.0                   | 40.0  | 1,645         |
| Currently married                   | 60.0                      | 40.0   | 14.2   | 30.7                     | 69.3  | 23,575          | 93.6                    | 6.4  | 1.6   | 52.0                   | 48.0  | 2,694         |
| Widowed/divorced/separated/deserted | 60.5                      | 39.5   | 13.9   | 30.5                     | 69.5  | 1,533           | (90.9)                  | (9.1)  | (0.0)   | (63.4)                 | (36.6)  | 45            |
| <b>Residence</b>                    |                           |  |  |                          |   |                 |                         |  |   |                        |   |               |
| Urban                               | 54.7                      | 45.3   | 19.4   | 33.6                     | 66.4  | 4,852           | 89.4                    | 10.6   | 4.2   | 45.8                   | 54.2  | 679           |
| Rural                               | 66.4                      | 33.6   | 11.0   | 32.8                     | 67.2  | 27,740          | 95.7                    | 4.3  | 1.0   | 56.8                   | 43.2  | 3,705         |
| <b>Schooling</b>                    |                           |  |  |                          |   |                 |                         |  |   |                        |   |               |
| No schooling                        | 69.2                      | 30.8   | 8.9  | 30.8                     | 69.2  | 6,190           | 97.8                    | 2.2  | 0.6   | 57.0                   | 43.0  | 559           |
| <5 years complete                   | 66.1                      | 33.9   | 11.0   | 33.3                     | 66.7  | 3,059           | 97.0                    | 3.0  | 0.0   | 56.8                   | 43.2  | 464           |
| 5-9 years complete                  | 67.2                      | 32.8   | 10.9   | 33.5                     | 66.5  | 13,806          | 96.0                    | 4.0  | 0.9   | 57.2                   | 42.8  | 1,822         |
| 10-11 years complete                | 60.7                      | 39.3   | 15.2   | 33.8                     | 66.2  | 4,061           | 93.3                    | 6.7  | 2.1   | 54.8                   | 45.2  | 546           |
| 12 or more years complete           | 55.3                      | 44.7   | 18.0   | 33.0                     | 67.0  | 5,477           | 90.3                    | 9.7  | 3.4   | 49.6                   | 50.4  | 993           |
| <b>Religion</b>                     |                           |  |  |                          |   |                 |                         |  |   |                        |   |               |
| Hindu                               | 63.5                      | 36.5   | 13.3   | 34.5                     | 65.5  | 20,233          | 93.1                    | 6.9  | 1.8   | 55.1                   | 44.9  | 2,728         |
| Muslim                              | 66.4                      | 33.6   | 10.7   | 29.6                     | 70.4  | 11,297          | 97.5                    | 2.5  | 0.9   | 54.6                   | 45.4  | 1,525         |
| Christian                           | 68.7                      | 31.3   | 9.2  | 38.3                     | 61.7  | 979             | 96.1                    | 3.9  | 0.9   | 62.9                   | 37.1  | 115           |
| Other                               | 70.3                      | 29.7   | 11.9   | 40.4                     | 59.6  | 83              | *                       | *  | *   | *                      | *   | 16            |
| <b>Caste/tribe</b>                  |                           |  |  |                          |   |                 |                         |  |   |                        |   |               |
| Scheduled caste                     | 65.2                      | 34.8   | 11.5   | 28.5                     | 71.5  | 4,284           | 93.7                    | 6.3  | 1.9   | 51.5                   | 48.5  | 574           |
| Scheduled tribe                     | 65.0                      | 35.0   | 11.5   | 37.8                     | 62.2  | 4,138           | 93.5                    | 6.5  | 1.0   | 59.0                   | 41.0  | 620           |
| Other backward class                | 66.6                      | 33.4   | 11.8   | 38.1                     | 61.9  | 8,461           | 92.9                    | 7.1  | 2.0   | 56.2                   | 43.8  | 1,117         |
| Other                               | 63.4                      | 36.6   | 12.9   | 30.1                     | 69.9  | 15,625          | 96.3                    | 3.7  | 1.2   | 54.5                   | 45.5  | 2,061         |
| Don't know                          | 71.7                      | 28.3   | 8.4  | 22.9                     | 77.1  | 85              | *                       | *  | *   | *                      | *   | 13            |
| <b>Total</b>                        | <b>64.7</b>               | <b>35.3</b>  | <b>12.3</b>  | <b>32.9</b>              | <b>67.1</b>   | <b>32,592</b>   | <b>94.7</b>             | <b>5.3</b>   | <b>1.5</b>  | <b>55.1</b>            | <b>44.9</b>   | <b>4,384</b>  |

Note: Table excludes pregnant women and women with a birth in the preceding 2 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.

**Table 80 Prevalence of anaemia in adults**

Percentage of women and men age 15-49 with anaemia by background characteristics, Assam, 2019-20, and total for NFHS-4

| Background characteristic           | Women                              |                                       |                                 |                                       |                 | Men                   |                          |                    |                          |               |
|-------------------------------------|------------------------------------|---------------------------------------|---------------------------------|---------------------------------------|-----------------|-----------------------|--------------------------|--------------------|--------------------------|---------------|
|                                     | Mild (11.0-11.9 g/dl) <sup>1</sup> | Moderate (8.0-10.9 g/dl) <sup>2</sup> | Severe (<8.0 g/dl) <sup>3</sup> | Any anaemia (<12.0 g/dl) <sup>4</sup> | Number of women | Mild (12.0-12.9 g/dl) | Moderate (9.0-11.9 g/dl) | Severe (<9.0 g/dl) | Any anaemia (<13.0 g/dl) | Number of men |
| <b>Age</b>                          |                                    |                                       |                                 |                                       |                 |                       |                          |                    |                          |               |
| 15-19                               | 30.4                               | 34.3                                  | 2.4                             | 67.0                                  | 5,450           | 25.1                  | 14.2                     | 0.3                | 39.6                     | 698           |
| 20-29                               | 28.3                               | 34.4                                  | 2.1                             | 64.8                                  | 11,337          | 19.5                  | 12.5                     | 0.6                | 32.6                     | 1,277         |
| 30-39                               | 28.4                               | 34.3                                  | 2.4                             | 65.1                                  | 9,525           | 19.0                  | 16.0                     | 0.9                | 35.9                     | 1,196         |
| 40-49                               | 28.9                               | 36.4                                  | 2.3                             | 67.6                                  | 7,557           | 19.4                  | 16.4                     | 2.1                | 37.8                     | 1,152         |
| <b>Marital status</b>               |                                    |                                       |                                 |                                       |                 |                       |                          |                    |                          |               |
| Never married                       | 30.1                               | 34.3                                  | 2.6                             | 67.0                                  | 7,385           | 21.3                  | 13.5                     | 0.6                | 35.4                     | 1,625         |
| Currently married                   | 28.4                               | 34.7                                  | 2.2                             | 65.2                                  | 24,980          | 19.6                  | 15.4                     | 1.3                | 36.3                     | 2,654         |
| Widowed/divorced/separated/deserted | 28.6                               | 39.4                                  | 2.8                             | 70.8                                  | 1,504           | (15.0)                | (26.8)                   | (2.3)              | (44.0)                   | 44            |
| <b>Maternity status</b>             |                                    |                                       |                                 |                                       |                 |                       |                          |                    |                          |               |
| Pregnant                            | 26.2                               | 26.9                                  | 1.1                             | 54.2                                  | 1,384           | na                    | na                       | na                 | na                       | na            |
| Breastfeeding                       | 27.8                               | 37.5                                  | 2.2                             | 67.5                                  | 6,231           | na                    | na                       | na                 | na                       | na            |
| Neither                             | 29.1                               | 34.6                                  | 2.4                             | 66.1                                  | 26,255          | na                    | na                       | na                 | na                       | na            |
| <b>Residence</b>                    |                                    |                                       |                                 |                                       |                 |                       |                          |                    |                          |               |
| Urban                               | 28.5                               | 34.2                                  | 2.5                             | 65.2                                  | 4,936           | 18.0                  | 8.9                      | 0.6                | 27.6                     | 663           |
| Rural                               | 28.8                               | 34.9                                  | 2.3                             | 66.0                                  | 28,933          | 20.6                  | 15.8                     | 1.1                | 37.6                     | 3,660         |
| <b>Schooling</b>                    |                                    |                                       |                                 |                                       |                 |                       |                          |                    |                          |               |
| No schooling                        | 28.2                               | 38.0                                  | 2.8                             | 68.9                                  | 6,295           | 22.5                  | 19.6                     | 1.2                | 43.2                     | 550           |
| <5 years complete                   | 27.6                               | 35.6                                  | 2.3                             | 65.5                                  | 3,186           | 21.5                  | 11.1                     | 1.2                | 33.9                     | 461           |
| 5-9 years complete                  | 28.4                               | 34.0                                  | 2.4                             | 64.8                                  | 14,495          | 20.5                  | 16.4                     | 1.1                | 38.0                     | 1,800         |
| 10-11 years complete                | 29.9                               | 33.8                                  | 1.8                             | 65.5                                  | 4,190           | 20.8                  | 13.5                     | 0.3                | 34.6                     | 534           |
| 12 or more years complete           | 30.1                               | 33.5                                  | 1.9                             | 65.5                                  | 5,705           | 17.6                  | 11.4                     | 1.1                | 30.1                     | 978           |
| <b>Religion</b>                     |                                    |                                       |                                 |                                       |                 |                       |                          |                    |                          |               |
| Hindu                               | 28.7                               | 37.6                                  | 2.7                             | 69.1                                  | 20,873          | 19.5                  | 16.4                     | 1.1                | 37.0                     | 2,686         |
| Muslim                              | 29.0                               | 29.3                                  | 1.5                             | 59.9                                  | 11,898          | 21.4                  | 12.0                     | 0.8                | 34.2                     | 1,508         |
| Christian                           | 26.5                               | 41.0                                  | 3.0                             | 70.6                                  | 1,009           | 23.0                  | 14.0                     | 2.1                | 39.1                     | 114           |
| Other                               | 24.5                               | 31.6                                  | 1.9                             | 58.0                                  | 90              | *                     | *                        | *                  | *                        | 16            |

Continued...

Table 80 Prevalence of anaemia in adults—Continued

Percentage of women and men age 15-49 with anaemia by background characteristics, Assam, 2019-20, and total for NFHS-4

| Background characteristic               | Women                              |                                       |                                 |                                       |                 | Men                   |                          |                    |                          |               |
|---|------------------------------------|---------------------------------------|---------------------------------|---------------------------------------|-----------------|-----------------------|--------------------------|--------------------|--------------------------|---------------|
|   | Mild (11.0-11.9 g/dl) <sup>1</sup> | Moderate (8.0-10.9 g/dl) <sup>2</sup> | Severe (<8.0 g/dl) <sup>3</sup> | Any anaemia (<12.0 g/dl) <sup>4</sup> | Number of women | Mild (12.0-12.9 g/dl) | Moderate (9.0-11.9 g/dl) | Severe (<9.0 g/dl) | Any anaemia (<13.0 g/dl) | Number of men |
| <b>Caste/tribe</b>                      |                                    |                                       |                                 |                                       |                 |                       |                          |                    |                          |               |
| Scheduled caste                         | 28.5                               | 33.9                                  | 2.3                             | 64.6                                  | 4,430           | 21.4                  | 15.3                     | 0.2                | 36.8                     | 566           |
| Scheduled tribe                         | 26.9                               | 40.3                                  | 2.0                             | 69.2                                  | 4,291           | 19.7                  | 19.9                     | 0.5                | 40.1                     | 616           |
| Other backward class                    | 28.8                               | 39.7                                  | 3.1                             | 71.6                                  | 8,772           | 19.8                  | 17.1                     | 1.6                | 38.5                     | 1,105         |
| Other                                   | 29.4                               | 30.9                                  | 1.9                             | 62.2                                  | 16,291          | 20.2                  | 11.7                     | 1.1                | 33.0                     | 2,025         |
| Don't know                              | 25.8                               | 44.0                                  | 3.2                             | 73.0                                  | 85              | *                     | *                        | *                  | *                        | 12            |
| <b>Smoking status</b>                   |                                    |                                       |                                 |                                       |                 |                       |                          |                    |                          |               |
| Smokes cigarettes/ <i>bidis</i>         | 28.1                               | 22.8                                  | 0.0                             | 51.0                                  | 68              | 19.5                  | 13.9                     | 0.6                | 34.1                     | 1,162         |
| Does not smoke cigarettes/ <i>bidis</i> | 28.8                               | 34.8                                  | 2.3                             | 65.9                                  | 33,802          | 20.5                  | 15.9                     | 1.2                | 37.6                     | 3,566         |
| Total age 15-49                         | 28.8                               | 34.8                                  | 2.3                             | 65.9                                  | 33,870          | 20.2                  | 14.8                     | 1.0                | 36.0                     | 4,324         |
| Age 50-54                               | na                                 | na                                    | na                              | na                                    | na              | 20.4                  | 22.6                     | 1.1                | 44.0                     | 405           |
| Total age 15-54                         | na                                 | na                                    | na                              | na                                    | na              | 20.2                  | 15.4                     | 1.0                | 36.7                     | 4,728         |
| <b>Age 15-49</b>                        |                                    |                                       |                                 |                                       |                 |                       |                          |                    |                          |               |
| NFHS-4 (2015-16)                        | 24.2                               | 20.3                                  | 1.5                             | 46.0                                  | 27,539          | 13.8                  | 10.8                     | 0.8                | 25.4                     | 3,637         |

Note: Table is based on women and men who stayed in the household the night before the interview. Prevalence is adjusted for altitude and for smoking status, if known, using the CDC formulae (Centers for Disease Control (CDC). 1998. Recommendations to prevent and control iron deficiency in the United States. *Morbidity and Mortality Weekly Report* 47 (RR-3): 1-29). Haemoglobin levels are shown in grams per decilitre (g/dl). 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> For pregnant women the value is 10.0-10.9 g/dl

<sup>2</sup> For pregnant women, the value is 7.0-9.9 g/dl

<sup>3</sup> For pregnant women, the value is <7.0 g/dl

<sup>4</sup> For pregnant women the value is <11.0 g/dl



**Table 81 Nutritional status and anaemia among children and women by district**

Percentage of children age 6-59 months classified as having anaemia and percentage of women age 15-49 years with anaemia and specific body mass index (BMI) levels by district, Assam, 2019-20

| District                | Percentage of children having any anaemia (<11.0 g/dl) | Number of children | Percentage of women having any anaemia (<12.0 g/dl) <sup>1</sup> | Number of women | Percentage of women with BMI <18.5 (total thin) | Percentage of women with BMI ≥25.0 (overweight or obese) | Number of women <sup>2</sup> |
|-------------------------|--|--------------------|--|-----------------|---|--|------------------------------|
| Baksa                   | 78.6   | 223                | 73.6   | 1,109           | 15.1  | 18.8   | 1,077                        |
| Barpeta                 | 63.4   | 340                | 64.8   | 1,896           | 14.6  | 16.5   | 1,788                        |
| Biswanath               | 79.8   | 77                 | 64.4   | 472             | 22.0  | 10.6   | 461                          |
| Bongaigaon              | 77.2   | 144                | 70.6   | 755             | 13.1  | 16.9   | 730                          |
| Cachar                  | 61.8   | 549                | 57.4   | 2,085           | 19.7  | 9.1  | 1,955                        |
| Charaideo               | 69.7   | 76                 | 72.3   | 525             | 24.7  | 10.3   | 510                          |
| Chirang                 | 70.4   | 86                 | 65.2   | 499             | 17.2  | 13.3   | 479                          |
| Darrang                 | 66.8   | 192                | 70.4   | 957             | 17.4  | 13.3   | 911                          |
| Dhemaji                 | 73.1   | 141                | 62.9   | 675             | 12.1  | 15.6   | 644                          |
| Dhubri                  | 73.1   | 318                | 63.2   | 1,470           | 22.2  | 12.4   | 1,414                        |
| Dibrugarh               | 66.4   | 324                | 70.8   | 1,589           | 20.3  | 20.9   | 1,513                        |
| Dima Hasao              | 73.1   | 33                 | 60.5   | 211             | 10.0  | 16.2   | 206                          |
| Goalpara                | 60.7   | 193                | 64.9   | 1,081           | 12.2  | 15.3   | 1,036                        |
| Golaghat                | 75.1   | 158                | 77.2   | 1,124           | 25.1  | 16.1   | 1,096                        |
| Hailakandi              | 59.4   | 247                | 61.4   | 791             | 25.7  | 10.9   | 756                          |
| Hojai                   | 56.8   | 55                 | 56.3   | 245             | 19.3  | 20.1   | 240                          |
| Jorhat                  | 74.1   | 157                | 71.8   | 1,025           | 22.5  | 19.9   | 993                          |
| Kamrup                  | 72.9   | 228                | 71.5   | 1,607           | 12.9  | 23.5   | 1,595                        |
| Kamrup Metropolitan     | 80.4   | 194                | 74.6   | 1,334           | 12.6  | 21.3   | 1,305                        |
| Karbi Anglong           | 67.5   | 169                | 59.0   | 676             | 10.0  | 15.7   | 661                          |
| Karimganj               | 64.1   | 458                | 52.0   | 1,439           | 17.8  | 6.6  | 1,362                        |
| Kokrajhar               | 74.6   | 150                | 59.4   | 946             | 10.6  | 13.7   | 924                          |
| Lakhimpur               | 69.3   | 213                | 65.4   | 975             | 17.3  | 12.4   | 935                          |
| Majuli                  | 73.0   | 35                 | 67.8   | 164             | 18.0  | 14.4   | 160                          |
| Morigaon                | 53.3   | 217                | 64.2   | 1,021           | 15.0  | 14.2   | 988                          |
| Nagaon                  | 68.6   | 746                | 61.0   | 3,023           | 21.5  | 13.2   | 2,898                        |
| Nalbari                 | 71.0   | 138                | 66.4   | 772             | 16.3  | 21.8   | 774                          |
| Sivasagar               | 67.5   | 145                | 67.6   | 735             | 20.5  | 21.5   | 728                          |
| Sonitpur                | 69.4   | 241                | 63.6   | 1,443           | 21.4  | 13.1   | 1,403                        |
| South Salmara Mancachar | 69.6   | 79                 | 57.1   | 645             | 11.9  | 8.5  | 603                          |
| Tinsukia                | 66.4   | 233                | 72.8   | 1,394           | 17.6  | 16.9   | 1,337                        |
| Udalguri                | 77.6   | 157                | 81.5   | 906             | 16.1  | 14.0   | 879                          |
| West Karbi Anglong      | 79.0   | 56                 | 57.9   | 281             | 13.1  | 9.4  | 268                          |
| Assam                   | 68.4   | 6,772              | 65.9   | 33,870          | 17.6  | 15.2   | 32,628                       |

Note: Table is based on children who stayed in the household the night before the interview. Prevalence of anaemia, based on haemoglobin levels, is adjusted for altitude using the CDC formula (Centres for Disease Control (CDC). 1998. Recommendations to prevent and control iron deficiency in the United States. *Morbidity and Mortality Weekly Report* 47 (RR-3): 1-29). Haemoglobin levels shown in grams per decilitre (g/dl). The Body Mass Index (BMI) is expressed as the ratio of weight in kilograms to the square of height in metres (kg/m<sup>2</sup>).

<sup>1</sup> For pregnant women, the value is <11.0 g/dl

<sup>2</sup> Excludes pregnant women and women with a birth in the preceding 2 months

**Table 82 Knowledge and prevention of HIV/AIDS**

Percentage of women and men age 15-49 who have heard of HIV or AIDS and who, in response to prompted questions, say that people can reduce the risk of getting HIV/AIDS by using condoms every time they have sexual intercourse, who know that the risk of getting HIV/AIDS can be reduced by limiting sex to one uninfected partner, who have a comprehensive knowledge about HIV/AIDS, and who know that HIV/AIDS can be transmitted from a mother to her baby, by background characteristics, Assam, 2019-20

| Background characteristic                 | Percentage who have heard of HIV or AIDS |         | Percentage who say that people can reduce their chances of getting HIV/AIDS by using a condom every time they have sex |        | Percentage who know that the risk of getting HIV/AIDS can be reduced by limiting sex to one uninfected sex partner <sup>1</sup> |        | Percentage who have a comprehensive knowledge about HIV/AIDS <sup>2</sup> |        | Percentage who know that HIV/AIDS can be transmitted from a mother to her baby |        | Number |       |
|---|--|---------|--|--------|---|--------|---|--------|--|--------|--------|-------|
|   | Women                                    | Men     | Women  | Men    | Women   | Men    | Women   | Men    | Women  | Men    | Women  | Men   |
| <b>Age</b>                                |  |         |  |        |   |        |   |        |  |        |        |       |
| 15-24                                     | 94.2                                     | 97.6    | 71.9   | 86.5   | 64.3  | 77.0   | 19.0  | 27.4   | 78.5   | 79.6   | 1,636  | 1,400 |
| 15-19                                     | 93.2                                     | 97.6    | 69.3   | 84.7   | 65.2  | 75.3   | 19.5  | 29.4   | 77.2   | 78.9   | 825    | 739   |
| 20-24                                     | 95.2                                     | 97.6    | 74.4   | 88.6   | 63.5  | 78.9   | 18.5  | 25.0   | 79.7   | 80.4   | 810    | 661   |
| 25-29                                     | 93.4                                     | 97.6    | 72.2   | 85.8   | 63.9  | 72.9   | 19.2  | 24.4   | 81.2   | 83.3   | 881    | 682   |
| 30-39                                     | 94.9                                     | 98.3    | 72.9   | 83.7   | 68.2  | 75.4   | 19.4  | 25.6   | 83.9   | 84.6   | 1,488  | 1,262 |
| 40-49                                     | 93.2                                     | 97.9    | 68.7   | 85.0   | 62.8  | 75.6   | 19.3  | 23.1   | 80.6   | 84.5   | 1,197  | 1,206 |
| <b>Residence</b>                          |  |         |  |        |   |        |   |        |  |        |        |       |
| Urban                                     | 96.5                                     | 97.2    | 76.3   | 86.9   | 69.1  | 75.2   | 24.1  | 28.9   | 85.2   | 77.5   | 813    | 715   |
| Rural                                     | 93.6                                     | 98.0    | 70.6   | 84.9   | 64.3  | 75.6   | 18.3  | 24.6   | 80.2   | 83.8   | 4,389  | 3,835 |
| <b>Schooling</b>                          |  |         |  |        |   |        |   |        |  |        |        |       |
| No schooling                              | 87.1                                     | 95.2    | 57.7   | 79.8   | 53.1  | 69.7   | 10.1  | 20.0   | 71.8   | 79.3   | 988    | 570   |
| <5 years complete                         | 90.0                                     | 98.8    | 62.2   | 80.1   | 54.0  | 70.3   | 13.1  | 16.5   | 71.7   | 76.8   | 488    | 471   |
| 5-7 years complete                        | 94.4                                     | 98.0    | 68.2   | 83.6   | 62.8  | 70.1   | 14.4  | 20.6   | 80.5   | 79.0   | 701    | 671   |
| 8-9 years complete                        | 95.1                                     | 98.3    | 74.6   | 86.7   | 65.9  | 75.4   | 18.3  | 25.2   | 81.1   | 85.1   | 1,452  | 1,225 |
| 10-11 years complete                      | 98.2                                     | 98.1    | 77.1   | 84.9   | 72.8  | 80.1   | 23.6  | 29.7   | 86.2   | 81.9   | 656    | 567   |
| 12 or more years complete                 | 98.9                                     | 98.2    | 84.8   | 89.9   | 78.5  | 82.3   | 34.4  | 32.9   | 92.3   | 87.8   | 916    | 1,046 |
| <b>Regular media exposure<sup>3</sup></b> |  |         |  |        |   |        |   |        |  |        |        |       |
| Yes                                       | 96.9                                     | 98.7    | 75.9   | 88.1   | 70.0  | 78.6   | 23.7  | 30.0   | 86.0   | 86.6   | 2,208  | 2,543 |
| No  | 92.0                                     | 96.9    | 68.2   | 81.5   | 61.3  | 71.7   | 15.9  | 19.3   | 77.3   | 78.1   | 2,994  | 2,008 |
| <b>Marital status</b>                     |  |         |  |        |   |        |   |        |  |        |        |       |
| Never married                             | 96.0                                     | 97.8    | 72.7   | 85.1   | 67.4  | 76.2   | 23.1  | 28.1   | 80.2   | 81.0   | 1,117  | 1,724 |
| Currently married                         | 93.5                                     | 97.8    | 71.4   | 85.4   | 64.6  | 75.1   | 18.3  | 23.8   | 81.4   | 84.0   | 3,846  | 2,782 |
| Widowed/divorced/separated/deserted       | 93.5                                     | (100.0) | 66.5   | (79.3) | 60.8  | (79.4) | 15.2  | (10.9) | 77.6   | (86.8) | 238    | 45    |

*Continued...*

**Table 82 Knowledge and prevention of HIV/AIDS—Continued**

Percentage of women and men age 15-49 who have heard of HIV or AIDS and who, in response to prompted questions, say that people can reduce the risk of getting HIV/AIDS by using condoms every time they have sexual intercourse, who know that the risk of getting HIV/AIDS can be reduced by limiting sex to one uninfected partner, who have a comprehensive knowledge about HIV/AIDS, and who know that HIV/AIDS can be transmitted from a mother to her baby, by background characteristics, Assam, 2019-20

| Background characteristic   | Percentage who have heard of HIV or AIDS |         | Percentage who say that people can reduce their chances of getting HIV/AIDS by using a condom every time they have sex |        | Percentage who know that the risk of getting HIV/AIDS can be reduced by limiting sex to one uninfected sex partner <sup>1</sup> |        | Percentage who have a comprehensive knowledge about HIV/AIDS <sup>2</sup> |        | Percentage who know that HIV/AIDS can be transmitted from a mother to her baby |        | Number |       |
|---|--|---------|--|--------|---|--------|---|--------|--|--------|--------|-------|
|   | Women                                    | Men     | Women  | Men    | Women   | Men    | Women   | Men    | Women  | Men    | Women  | Men   |
| <b>Whether been away from home for 1 month or more at a time in the past 12 months<sup>4</sup></b>  |  |         |  |        |   |        |   |        |  |        |        |       |
| Been away   | 97.5                                     | 98.9    | 82.5   | 90.6   | 68.7  | 84.1   | 16.2  | 25.0   | 91.2   | 87.4   | 167    | 372   |
| Not been away   | 93.9                                     | 97.8    | 71.1   | 84.7   | 64.9  | 74.8   | 19.3  | 25.3   | 80.6   | 82.4   | 5,035  | 4,179 |
| <b>Whether been away from home for 6 months or more at a time in the past 12 months<sup>4</sup></b> |  |         |  |        |   |        |   |        |  |        |        |       |
| Been away   | 95.1                                     | 99.4    | 68.6   | 96.5   | 61.2  | 86.0   | 18.5  | 22.9   | 78.5   | 90.8   | 312    | 175   |
| Not been away   | 94.0                                     | 97.8    | 71.7   | 84.8   | 65.3  | 75.1   | 19.3  | 25.4   | 81.1   | 82.5   | 4,890  | 4,375 |
| <b>Religion</b>   |  |         |  |        |   |        |   |        |  |        |        |       |
| Hindu   | 95.4                                     | 98.5    | 72.5   | 86.4   | 65.8  | 78.6   | 21.2  | 27.6   | 82.3   | 84.2   | 3,232  | 2,838 |
| Muslim  | 91.5                                     | 96.6    | 70.1   | 82.9   | 63.7  | 69.8   | 15.7  | 20.4   | 79.5   | 80.2   | 1,809  | 1,576 |
| Christian   | 94.2                                     | 99.0    | 67.3   | 86.8   | 65.2  | 79.4   | 19.1  | 34.0   | 70.7   | 89.4   | 131    | 119   |
| Other   | (100.0)                                  | (100.0) | (61.4)   | (88.1) | (64.7)  | (74.6) | (18.0)  | (37.7) | (76.3)   | (58.1) | 30     | 17    |
| <b>Caste/tribe</b>  |  |         |  |        |   |        |   |        |  |        |        |       |
| Scheduled caste   | 93.5                                     | 97.4    | 69.1   | 83.0   | 63.6  | 74.8   | 17.7  | 18.8   | 81.8   | 81.0   | 628    | 592   |
| Scheduled tribe   | 97.2                                     | 99.6    | 72.1   | 87.9   | 63.7  | 77.2   | 19.1  | 29.0   | 82.5   | 85.5   | 719    | 646   |
| Other backward class  | 95.6                                     | 99.1    | 72.2   | 88.5   | 65.2  | 82.4   | 22.1  | 27.0   | 80.7   | 84.5   | 1,356  | 1,166 |
| Other   | 92.4                                     | 96.8    | 71.6   | 83.4   | 65.7  | 71.7   | 18.1  | 25.0   | 80.6   | 81.9   | 2,492  | 2,133 |
| Total   | 94.0                                     | 97.9    | 71.5   | 85.2   | 65.0  | 75.6   | 19.2  | 25.3   | 81.0   | 82.8   | 5,202  | 4,551 |

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. Total includes women who don't know their caste/tribe, who are not shown separately.

<sup>1</sup> Partner who has no other partners

<sup>2</sup> Comprehensive knowledge means knowing that consistent use of a condom every time they have sex and having just one uninfected faithful sex partner can reduce the chance of getting HIV/AIDS, knowing that a healthy-looking person can have HIV/AIDS, and rejecting two common misconceptions about transmission or prevention of HIV/AIDS.

<sup>3</sup> Exposure to radio, television, or newspapers/magazines at least once a week or cinema at least once a month

<sup>4</sup> For women, visits to parental/in-laws' home excluded

**Table 83.1 Accepting attitudes toward those living with HIV/AIDS: Women**

Among women age 15-49 who have heard of HIV or AIDS, percentage expressing specific accepting attitudes toward people with HIV/AIDS, by background characteristic, Assam, 2019-20

| Background characteristic                 | Percentage of women who:  |   |   |   |   |  |   | Express accepting attitudes on all seven indicators | Number of women who have heard of HIV or AIDS |
|---|---|---|---|---|---|--|---|---|---|
|   | Are willing to care for a relative with HIV or AIDS in own home | Would buy fresh vegetables from a shopkeeper or vendor who has HIV/AIDS | Say that a female teacher who has HIV/AIDS but is not sick should be allowed to continue teaching | Would not want to keep secret that a family member got infected with HIV/AIDS | Would allow an HIV positive student to attend school with students who are HIV negative | Think that people living with HIV/AIDS should be treated in the same public hospital as persons who are HIV negative | Think that people living with HIV should be allowed to work in the same office with people who are HIV negative |   |   |
| <b>Age</b>                                |   |   |   |   |   |  |   |   |   |
| 15-24                                     | 74.8  | 74.2  | 78.5  | 68.3  | 76.9  | 69.8   | 76.7  | 31.8  | 1,541   |
| 15-19                                     | 75.5  | 77.4  | 79.6  | 68.2  | 79.7  | 72.4   | 78.9  | 34.9  | 769   |
| 20-24                                     | 74.1  | 71.0  | 77.3  | 68.4  | 74.1  | 67.3   | 74.4  | 28.6  | 772   |
| 25-29                                     | 76.9  | 70.7  | 80.3  | 71.5  | 74.7  | 67.1   | 74.8  | 33.7  | 823   |
| 30-39                                     | 78.2  | 72.9  | 80.9  | 71.0  | 77.9  | 69.1   | 76.1  | 34.3  | 1,413   |
| 40-49                                     | 74.8  | 70.4  | 77.1  | 68.3  | 73.7  | 67.4   | 75.2  | 31.0  | 1,116   |
| <b>Residence</b>                          |   |   |   |   |   |  |   |   |   |
| Urban                                     | 78.0  | 73.5  | 81.6  | 71.1  | 78.7  | 64.2   | 78.0  | 32.8  | 785   |
| Rural                                     | 75.8  | 72.1  | 78.7  | 69.3  | 75.6  | 69.4   | 75.4  | 32.6  | 4,108   |
| <b>Schooling</b>                          |   |   |   |   |   |  |   |   |   |
| No schooling                              | 69.1  | 65.9  | 70.7  | 68.3  | 67.4  | 61.5   | 67.3  | 27.9  | 861   |
| <5 years complete                         | 69.4  | 65.5  | 72.8  | 65.0  | 70.0  | 65.2   | 69.9  | 26.1  | 439   |
| 5-7 years complete                        | 75.3  | 71.0  | 77.9  | 69.3  | 74.7  | 70.6   | 73.9  | 30.6  | 662   |
| 8-9 years complete                        | 74.1  | 72.4  | 78.5  | 70.4  | 76.4  | 68.8   | 75.8  | 33.2  | 1,380   |
| 10-11 years complete                      | 81.6  | 76.3  | 84.2  | 73.8  | 79.7  | 71.1   | 81.8  | 36.6  | 644   |
| 12 or more years complete                 | 85.8  | 80.0  | 88.6  | 69.2  | 85.1  | 73.5   | 84.1  | 38.1  | 906   |
| <b>Regular media exposure<sup>1</sup></b> |   |   |   |   |   |  |   |   |   |
| Yes                                       | 80.9  | 76.6  | 84.2  | 70.3  | 81.3  | 70.2   | 80.4  | 36.7  | 2,139   |
| No  | 72.4  | 69.1  | 75.2  | 69.1  | 72.0  | 67.3   | 72.3  | 29.5  | 2,754   |

Continued...

Table 83.1 Accepting attitudes toward those living with HIV/AIDS: Women—Continued

Among women age 15-49 who have heard of HIV or AIDS, percentage expressing specific accepting attitudes toward people with HIV/AIDS, by background characteristic, Assam, 2019-20

| Background characteristic           | Percentage of women who:  |   |   |   |   |  |   | Express attitudes on all seven indicators | Number of women who have heard of HIV or AIDS |
|-------------------------------------|---|---|---|---|---|--|---|---|---|
|                                     | Are willing to care for a relative with HIV or AIDS in own home | Would buy fresh vegetables from a shopkeeper or vendor who has HIV/AIDS | Say that a female teacher who has HIV/AIDS but is not sick should be allowed to continue teaching | Would not want to keep secret that a family member got infected with HIV/AIDS | Would allow an HIV positive student to attend school with students who are HIV negative | Think that people living with HIV/AIDS should be treated in the same public hospital as persons who are HIV negative | Think that people living with HIV should be allowed to work in the same office with people who are HIV negative |   |   |
| <b>Marital status</b>               |   |   |   |   |   |  |   |   |   |
| Never married                       | 79.6  | 77.3  | 82.2  | 69.8  | 80.2  | 71.3   | 79.8  | 36.1                                      | 1,072   |
| Currently married                   | 74.8  | 71.1  | 78.0  | 69.7  | 74.8  | 67.8   | 74.5  | 31.7                                      | 3,597   |
| Widowed/divorced/separated/deserted | 80.2  | 69.1  | 82.4  | 67.9  | 77.3  | 68.0   | 77.5  | 31.6                                      | 223   |
| <b>Religion</b>                     |   |   |   |   |   |  |   |   |   |
| Hindu                               | 77.3  | 73.6  | 80.7  | 70.9  | 77.1  | 68.3   | 77.0  | 33.5                                      | 3,084   |
| Muslim                              | 74.3  | 70.3  | 76.6  | 66.0  | 74.7  | 69.5   | 74.1  | 30.4                                      | 1,655   |
| Christian                           | 72.1  | 70.3  | 71.5  | 79.7  | 68.5  | 64.7   | 72.9  | 38.6                                      | 123   |
| Other                               | (75.2)  | (70.9)  | (88.3)  | (96.0)  | (80.1)  | (64.1)   | (68.4)  | (43.4)                                    | 30  |
| <b>Caste/tribe</b>                  |   |   |   |   |   |  |   |   |   |
| Scheduled caste                     | 77.9  | 74.5  | 82.1  | 66.7  | 75.9  | 70.8   | 78.2  | 32.3                                      | 587   |
| Scheduled tribe                     | 74.2  | 73.6  | 77.9  | 75.7  | 76.1  | 64.2   | 73.5  | 33.5                                      | 699   |
| Other backward class                | 76.3  | 72.2  | 79.1  | 72.0  | 75.7  | 68.2   | 75.6  | 34.3                                      | 1,297   |
| Other                               | 76.2  | 71.7  | 78.8  | 67.2  | 76.4  | 69.7   | 76.1  | 31.6                                      | 2,303   |
| Total                               | 76.1  | 72.4  | 79.1  | 69.6  | 76.1  | 68.6   | 75.8  | 32.6                                      | 4,892   |

Note: Figures in parentheses are based on 25-49 unweighted cases. Total includes women who don't know their caste/tribe, who are not shown separately.

<sup>1</sup> Exposure to radio, television, or newspapers/magazines at least once a week or cinema at least once a month

**Table 83.2 Accepting attitudes toward those living with HIV/AIDS: Men**

Among men age 15-49 who have heard of HIV/AIDS, percentage expressing specific accepting attitudes toward people with HIV/AIDS, by background characteristic, Assam, 2019-20

| Background characteristic                 | Percentage of men who:  |   |   |   |   |  |   | Express accepting attitudes on all seven indicators | Number of men who have heard of HIV or AIDS |
|---|---|---|---|---|---|--|---|---|---|
|   | Are willing to care for a relative with HIV or AIDS in own home | Would buy fresh vegetables from a shopkeeper or vendor who has HIV/AIDS | Say that a female teacher who has HIV/AIDS but is not sick should be allowed to continue teaching | Would not want to keep secret that a family member got infected with HIV/AIDS | Would allow an HIV positive student to attend school with students who are HIV negative | Think that people living with HIV/AIDS should be treated in the same public hospital as persons who are HIV negative | Think that people living with HIV should be allowed to work in the same office with people who are HIV negative |   |   |
| <b>Age</b>                                |   |   |   |   |   |  |   |   |   |
| 15-24                                     | 75.3  | 70.8  | 77.0  | 68.1  | 73.0  | 51.8   | 70.8  | 24.2  | 1,367                                       |
| 15-19                                     | 75.9  | 71.6  | 77.8  | 64.4  | 72.5  | 50.2   | 72.1  | 22.5  | 721   |
| 20-24                                     | 74.7  | 70.0  | 76.2  | 72.3  | 73.5  | 53.7   | 69.5  | 26.1  | 646   |
| 25-29                                     | 72.7  | 67.2  | 77.4  | 68.6  | 74.6  | 53.4   | 73.5  | 22.7  | 666   |
| 30-39                                     | 76.8  | 69.9  | 73.8  | 65.3  | 72.0  | 47.7   | 69.7  | 23.4  | 1,240                                       |
| 40-49                                     | 76.1  | 67.5  | 72.1  | 70.8  | 69.0  | 48.0   | 66.4  | 23.8  | 1,180                                       |
| <b>Residence</b>                          |   |   |   |   |   |  |   |   |   |
| Urban                                     | 74.9  | 74.0  | 77.4  | 58.4  | 75.5  | 52.9   | 73.7  | 24.0  | 695   |
| Rural                                     | 75.7  | 68.2  | 74.4  | 69.9  | 71.2  | 49.4   | 69.0  | 23.6  | 3,758                                       |
| <b>Schooling</b>                          |   |   |   |   |   |  |   |   |   |
| No schooling                              | 76.1  | 61.0  | 70.4  | 70.0  | 64.7  | 42.5   | 64.3  | 19.8  | 543   |
| <5 years complete                         | 70.7  | 62.6  | 63.4  | 66.0  | 63.6  | 47.1   | 60.5  | 21.6  | 465   |
| 5-7 years complete                        | 70.5  | 64.0  | 71.0  | 64.0  | 66.4  | 46.6   | 63.7  | 19.8  | 657   |
| 8-9 years complete                        | 73.4  | 67.9  | 75.9  | 67.2  | 72.2  | 49.8   | 71.3  | 21.0  | 1,204                                       |
| 10-11 years complete                      | 79.7  | 72.8  | 76.8  | 69.1  | 75.9  | 49.8   | 71.6  | 25.1  | 557   |
| 12 or more years complete                 | 81.0  | 79.2  | 82.8  | 71.2  | 80.4  | 57.5   | 77.8  | 31.4  | 1,028                                       |
| <b>Regular media exposure<sup>1</sup></b> |   |   |   |   |   |  |   |   |   |
| Yes                                       | 78.7  | 76.7  | 82.7  | 67.4  | 81.2  | 58.6   | 77.8  | 28.8  | 2,509                                       |
| No  | 71.5  | 59.4  | 64.8  | 69.0  | 59.8  | 38.7   | 59.4  | 17.0  | 1,945                                       |

Continued...

Table 83.2 Accepting attitudes toward those living with HIV/AIDS: Men—Continued

Among men age 15-49 who have heard of HIV/AIDS, percentage expressing specific accepting attitudes toward people with HIV/AIDS, by background characteristic, Assam, 2019-20

| Background characteristic           | Percentage of men who:  |   |   |   |   |  |   | Express attitudes on all seven indicators | Number of men who have heard of HIV or AIDS |
|-------------------------------------|---|---|---|---|---|--|---|---|---|
|                                     | Are willing to care for a relative with HIV or AIDS in own home | Would buy fresh vegetables from a shopkeeper or vendor who has HIV/AIDS | Say that a female teacher who has HIV/AIDS but is not sick should be allowed to continue teaching | Would not want to keep secret that a family member got infected with HIV/AIDS | Would allow an HIV positive student to attend school with students who are HIV negative | Think that people living with HIV/AIDS should be treated in the same public hospital as persons who are HIV negative | Think that people living with HIV should be allowed to work in the same office with people who are HIV negative |   |   |
| <b>Marital status</b>               |   |   |   |   |   |  |   |   |   |
| Never married                       | 75.3  | 72.3  | 78.8  | 67.6  | 75.0  | 53.2   | 73.4  | 25.1                                      | 1,686                                       |
| Currently married                   | 75.7  | 67.2  | 72.6  | 68.4  | 70.0  | 48.0   | 67.4  | 23.0                                      | 2,722                                       |
| Widowed/divorced/separated/deserted | (77.8)  | (66.4)  | (68.1)  | (68.4)  | (66.1)  | (44.0)   | (71.9)  | (11.4)                                    | 45  |
| <b>Religion</b>                     |   |   |   |   |   |  |   |   |   |
| Hindu                               | 79.7  | 73.2  | 77.8  | 70.3  | 74.0  | 50.1   | 71.7  | 24.7                                      | 2,795                                       |
| Muslim                              | 68.2  | 62.0  | 69.6  | 63.7  | 68.0  | 49.6   | 66.7  | 21.8                                      | 1,523                                       |
| Christian                           | 73.7  | 64.7  | 75.5  | 70.7  | 70.6  | 46.3   | 62.6  | 20.4                                      | 118   |
| Other                               | (72.3)  | (77.3)  | (73.2)  | (73.0)  | (81.0)  | (64.8)   | (81.0)  | (38.2)                                    | 17  |
| <b>Caste/tribe</b>                  |   |   |   |   |   |  |   |   |   |
| Scheduled caste                     | 78.1  | 69.4  | 71.2  | 70.4  | 63.8  | 44.9   | 61.8  | 20.7                                      | 576   |
| Scheduled tribe                     | 77.7  | 70.2  | 77.8  | 71.4  | 75.7  | 48.0   | 73.4  | 24.7                                      | 643   |
| Other backward class                | 82.7  | 72.1  | 76.9  | 72.9  | 72.9  | 48.7   | 71.9  | 24.8                                      | 1,155                                       |
| Other                               | 70.3  | 67.2  | 74.0  | 64.1  | 72.6  | 52.6   | 69.7  | 23.6                                      | 2,065                                       |
| Total                               | 75.6  | 69.1  | 74.9  | 68.1  | 71.9  | 49.9   | 69.8  | 23.7                                      | 4,453                                       |

Note: Figures in parentheses are based on 25-49 unweighted cases. Total includes men who don't know their caste/tribe, who are not shown separately.

<sup>1</sup> Exposure to radio, television, or newspapers/magazines at least once a week or cinema at least once a month

Table 84 Sexual behaviour, HIV testing, blood transfusion, and injections

Indicators of higher-risk sexual behaviour, use of blood transfusion, prior HIV testing, and any injections for women and men age 15-49 by residence, Assam, 2019-20

| Behaviour  | Urban |        |       | Rural |        |       | Total  |        |        |
|--|-------|--------|-------|-------|--------|-------|--------|--------|--------|
|  | Male  | Female | Total | Male  | Female | Total | Male   | Female | Total  |
| <b>Among those who had sexual intercourse in the past 12 months:</b>   |       |        |       |       |        |       |        |        |        |
| Percentage who had two or more partners in the past 12 months  | 0.4   | 1.2    | 0.9   | 0.7   | 0.9    | 0.8   | 0.6    | 0.9    | 0.8    |
| Percentage who had higher-risk intercourse in the past 12 months <sup>1</sup>  | 1.5   | 0.3    | 0.8   | 2.5   | 0.5    | 1.3   | 2.4    | 0.4    | 1.2    |
| Percentage who had two or more partners and higher-risk intercourse in the past 12 months <sup>1</sup>                                 | 0.2   | 0.0    | 0.1   | 0.3   | 0.1    | 0.2   | 0.3    | 0.1    | 0.2    |
| Number who had sexual intercourse in the past 12 months  | 337   | 525    | 862   | 2,174 | 2,935  | 5,108 | 2,511  | 3,459  | 5,970  |
| <b>Among those who had higher-risk sexual intercourse in the past 12 months:</b>   |       |        |       |       |        |       |        |        |        |
| Percentage who reported using a condom at last higher-risk intercourse <sup>1</sup>  | *     | *      | *     | 54.1  | *      | 52.3  | 53.1   | *      | 50.5   |
| Number who had higher-risk sexual intercourse in the past 12 months  | 5     | 2      | 7     | 55    | 13     | 68    | 60     | 15     | 75     |
| <b>Among those who have ever had sexual intercourse:</b>   |       |        |       |       |        |       |        |        |        |
| Mean number of sexual partners in lifetime   | 1.3   | 2.3    | 1.9   | 1.9   | 2.0    | 2.0   | 1.8    | 2.1    | 2.0    |
| Number who have ever had sexual intercourse  | 416   | 603    | 1,019 | 2,417 | 3,375  | 5,792 | 2,834  | 3,978  | 6,812  |
| <b>Among all men:</b>  |       |        |       |       |        |       |        |        |        |
| Percentage who paid for sexual intercourse in the past 12 months   | 0.7   | na     | 0.7   | 0.5   | na     | 0.5   | 0.5    | na     | 0.5    |
| Number of men  | 715   | na     | 715   | 3,835 | na     | 3,835 | 4,551  | na     | 4,551  |
| Among men who paid for sexual intercourse in the past 12 months, percentage reporting condom use at last paid intercourse              | *     | na     | *     | *     | na     | *     | (38.2) | na     | (38.2) |
| Number of men who paid for sexual intercourse in the past 12 months  | 5     | na     | 5     | 19    | na     | 19    | 24     | na     | 24     |
| Among women with a birth in the last 5 years who received ANC during pregnancy, percentage who were tested for HIV during ANC          | na    | 28.6   | 28.6  | na    | 15.0   | 15.0  | na     | 16.6   | 16.6   |
| Number of women with a birth in the last 5 years who received ANC during pregnancy   | na    | 154    | 154   | na    | 1,175  | 1,175 | na     | 1,330  | 1,330  |
| Percentage ever tested for HIV prior to NFHS-5   | 5.0   | 18.5   | 12.2  | 1.3   | 10.8   | 6.4   | 1.9    | 12.0   | 7.3    |
| Percentage who have ever had a blood transfusion   | 5.3   | 11.2   | 8.4   | 4.2   | 8.6    | 6.6   | 4.4    | 9.0    | 6.9    |
| Percentage who received any injection in the past 12 months  | 24.4  | 27.1   | 25.8  | 26.8  | 33.9   | 30.6  | 26.4   | 32.9   | 29.9   |
| Mean number of injections in the past 12 months  | 5.2   | 5.1    | 5.1   | 3.9   | 3.9    | 3.9   | 4.1    | 4.0    | 4.1    |
| Number of respondents  | 715   | 813    | 1,528 | 3,835 | 4,389  | 8,224 | 4,551  | 5,202  | 9,753  |
| Among those who received an injection in the past 12 months, percentage for whom for the last injection, a disposable syringe was used | 93.6  | 95.0   | 94.4  | 92.1  | 89.6   | 90.6  | 92.3   | 90.3   | 91.1   |
| Number who received an injection in the past 12 months   | 175   | 220    | 395   | 1,028 | 1,490  | 2,518 | 1,203  | 1,710  | 2,912  |

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

na = Not applicable

ANC = Antenatal care

<sup>1</sup> Sexual intercourse with a partner who was neither a spouse nor who lived with the respondent



**Table 85 Knowledge of HIV/AIDS and sexual behaviour among youth**

Indicators of HIV/AIDS knowledge and sexual behaviour for women and men age 15-24 by residence, Assam, 2019-20

| Knowledge and behaviour   | Urban  |        |       | Rural  |        |        | Total  |        |        |
|---|--------|--------|-------|--------|--------|--------|--------|--------|--------|
|   | Male   | Female | Total | Male   | Female | Total  | Male   | Female | Total  |
| <b>Knowledge</b>  |        |        |       |        |        |        |        |        |        |
| Percentage with comprehensive knowledge about HIV/AIDS <sup>1</sup>   | 29.4   | 19.3   | 24.2  | 27.0   | 19.0   | 22.6   | 27.4   | 19.0   | 22.9   |
| Percentage who know a condom source   | 95.0   | 78.0   | 86.3  | 89.4   | 65.4   | 76.3   | 90.2   | 67.1   | 77.7   |
| <b>Sexual behaviour</b>   |        |        |       |        |        |        |        |        |        |
| Percentage who have ever had sexual intercourse   | 13.0   | 33.7   | 23.7  | 17.6   | 45.4   | 32.7   | 16.9   | 43.8   | 31.4   |
| Percentage who had sexual intercourse before age 15   | 0.0    | 2.6    | 1.3   | 0.2    | 4.5    | 2.5    | 0.2    | 4.2    | 2.4    |
| <b>HIV testing, injections, and blood transfusion</b>   |        |        |       |        |        |        |        |        |        |
| Percentage ever tested for HIV prior to NFHS-5  | 0.0    | 14.9   | 7.6   | 0.6    | 9.5    | 5.4    | 0.5    | 10.3   | 5.8    |
| Percentage who have ever had a blood transfusion  | 2.3    | 6.1    | 4.3   | 2.6    | 6.0    | 4.4    | 2.5    | 6.0    | 4.4    |
| Percentage who received any injection in the past 12 months   | 25.1   | 29.5   | 27.4  | 24.0   | 31.3   | 27.9   | 24.2   | 31.0   | 27.9   |
| Mean number of injections in the past 12 months   | 3.3    | 3.5    | 3.4   | 3.1    | 3.0    | 3.1    | 3.1    | 3.1    | 3.1    |
| Number age 15-24  | 209    | 221    | 430   | 1,191  | 1,414  | 2,606  | 1,400  | 1,636  | 3,036  |
| Among those who received an injection in the past 12 months, percentage for whom a disposable syringe was used                                      | (93.1) | 93.8   | 93.5  | 90.1   | 89.9   | 90.0   | 90.5   | 90.4   | 90.5   |
| Number who received an injection in the past 12 months  | 52     | 65     | 118   | 286    | 442    | 728    | 338    | 507    | 846    |
| Among those who have ever had sexual intercourse, percentage who used a condom at first sexual intercourse  | *      | 24.8   | 34.1  | 30.0   | 21.5   | 23.5   | 33.6   | 21.9   | 24.7   |
| Number who have ever had sexual intercourse   | 28     | 80     | 108   | 211    | 665    | 876    | 239    | 745    | 984    |
| Among those who had sexual intercourse in the past 12 months, percentage who had higher-risk sexual intercourse in the past 12 months <sup>2</sup>  | *      | 1.0    | 0.8   | 14.8   | 1.2    | 4.3    | 13.3   | 1.2    | 3.9    |
| Number who had sexual intercourse in the past 12 months   | 19     | 72     | 91    | 172    | 596    | 769    | 191    | 668    | 860    |
| Among those who had higher-risk sexual intercourse in the past 12 months, percentage who used a condom at their last higher-risk sexual intercourse | *      | *      | *     | (73.3) | *      | (63.9) | (73.3) | *      | (62.4) |
| Number who had higher-risk sexual intercourse in the past 12 months   | 0      | 1      | 1     | 25     | 7      | 33     | 25     | 8      | 33     |
| <b>Among the never married:</b>   |        |        |       |        |        |        |        |        |        |
| Percentage who have never had sexual intercourse  | 95.3   | 96.7   | 95.9  | 95.1   | 97.3   | 96.0   | 95.1   | 97.2   | 96.0   |
| Percentage who had sexual intercourse in the past 12 months   | 0.0    | 0.5    | 0.2   | 2.5    | 0.8    | 1.8    | 2.1    | 0.8    | 1.5    |
| Number never married  | 190    | 145    | 335   | 1,031  | 770    | 1,801  | 1,221  | 915    | 2,137  |

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> Comprehensive knowledge means knowing that consistent use of condoms every time they have sex and having just one uninfected faithful sex partner can reduce the chance of getting HIV/AIDS, knowing that a healthy-looking person can have HIV/AIDS, and rejecting two common misconceptions about transmission or prevention of HIV/AIDS

<sup>2</sup> Sexual intercourse with a partner who was neither a spouse nor lived with the respondent

**Table 86 Prevalence of tuberculosis**

Number of persons per 100,000 usual household residents suffering from any tuberculosis and medically treated tuberculosis by age, sex, and main type of cooking fuel, according to residence, Assam, 2019-20

| Age and sex             | Number of persons per 100,000 suffering from: |   |                           |
|-------------------------|---|---|---------------------------|
|                         | Tuberculosis <sup>1</sup>                     | Medically treated tuberculosis <sup>2</sup> | Number of usual residents |
| <b>URBAN</b>            |   |   |                           |
| <b>Sex</b>              |   |   |                           |
| Female                  | 179   | 168   | 9,258                     |
| Male                    | 291   | 271   | 9,504                     |
| <b>Age</b>              |   |   |                           |
| <15                     | 355   | 329   | 3,978                     |
| 15-59                   | 231   | 216   | 12,931                    |
| 60 or more              | 14  | 14  | 1,856                     |
| <b>Cooking fuel</b>     |   |   |                           |
| Solid fuel <sup>3</sup> | 635   | 559   | 2,459                     |
| Other fuel              | 175   | 169   | 16,306                    |
| Total <sup>4</sup>      | 236   | 220   | 18,764                    |
| <b>RURAL</b>            |   |   |                           |
| <b>Sex</b>              |   |   |                           |
| Female                  | 365   | 348   | 56,028                    |
| Male                    | 282   | 274   | 55,701                    |
| <b>Age</b>              |   |   |                           |
| <15                     | 591   | 570   | 32,716                    |
| 15-59                   | 200   | 192   | 69,724                    |
| 60 or more              | 309   | 293   | 9,295                     |
| <b>Cooking fuel</b>     |   |   |                           |
| Solid fuel <sup>3</sup> | 379   | 363   | 74,751                    |
| Other fuel              | 211   | 206   | 36,984                    |
| Total <sup>4</sup>      | 323   | 311   | 111,735                   |
| <b>TOTAL</b>            |   |   |                           |
| <b>Sex</b>              |   |   |                           |
| Female                  | 338   | 323   | 65,286                    |
| Male                    | 283   | 274   | 65,205                    |
| <b>Age</b>              |   |   |                           |
| <15                     | 566   | 544   | 36,694                    |
| 15-59                   | 205   | 196   | 82,654                    |
| 60 or more              | 260   | 247   | 11,151                    |
| <b>Cooking fuel</b>     |   |   |                           |
| Solid fuel <sup>3</sup> | 387   | 370   | 77,210                    |
| Other fuel              | 200   | 194   | 53,290                    |
| Total <sup>4</sup>      | 311   | 298   | 130,500                   |

<sup>1</sup> Includes medically treated tuberculosis

<sup>2</sup> Suffering from tuberculosis and received medical treatment

<sup>3</sup> Includes coal, lignite, charcoal, wood, straw/shrubs/grass, agricultural crop waste, and dung cakes

<sup>4</sup>

Table 87 Knowledge and attitudes toward tuberculosis

Percentage of women and men age 15-49 who have heard of tuberculosis (TB), and among those who have heard of TB, percentage with specific knowledge and beliefs, according to background characteristics, Assam, 2019-20

| Background characteristic | Among women who have heard of TB, percentage who: |                 |  |   |                              |   |                                      | Among men who have heard of TB, percentage who: |               |  |   |                              |   |                                    |
|---------------------------|---|-----------------|--|---|------------------------------|---|--------------------------------------|---|---------------|--|---|------------------------------|---|------------------------------------|
|                           | Percentage of women who have heard of TB          | Number of women | Report that TB is spread through the air by coughing or sneezing | Have misconceptions about transmission of TB <sup>1</sup> | Believe that TB can be cured | Would want a family member's TB kept secret | Number of women who have heard of TB | Percentage of men who have heard of TB          | Number of men | Report that TB is spread through the air by coughing or sneezing | Have misconceptions about transmission of TB <sup>1</sup> | Believe that TB can be cured | Would want a family member's TB kept secret | Number of men who have heard of TB |
| <b>Age</b>                |   |                 |  |   |                              |   |                                      |   |               |  |   |                              |   |                                    |
| 15-19                     | 94.0  | 5,680           | 64.4   | 63.4  | 89.3                         | 5.2   | 5,338                                | 91.8  | 739           | 64.6   | 71.1  | 91.8                         | 11.4  | 678                                |
| 20-34                     | 94.8  | 16,659          | 64.6   | 63.1  | 91.2                         | 4.2   | 15,794                               | 92.0  | 1,979         | 60.3   | 71.4  | 91.6                         | 11.7  | 1,821                              |
| 35-49                     | 94.7  | 12,640          | 60.8   | 59.8  | 91.0                         | 4.5   | 11,972                               | 92.3  | 1,832         | 61.2   | 71.2  | 92.1                         | 11.1  | 1,691                              |
| <b>Residence</b>          |   |                 |  |   |                              |   |                                      |   |               |  |   |                              |   |                                    |
| Urban                     | 96.3  | 5,239           | 69.4   | 64.3  | 94.1                         | 5.8   | 5,044                                | 91.1  | 715           | 70.3   | 60.0  | 96.3                         | 10.5  | 651                                |
| Rural                     | 94.3  | 29,740          | 62.1   | 61.5  | 90.2                         | 4.2   | 28,060                               | 92.3  | 3,835         | 59.7   | 73.3  | 91.0                         | 11.6  | 3,539                              |
| <b>Schooling</b>          |   |                 |  |   |                              |   |                                      |   |               |  |   |                              |   |                                    |
| No schooling              | 93.1  | 6,495           | 49.6   | 54.3  | 85.1                         | 5.1   | 6,048                                | 92.0  | 570           | 51.5   | 69.3  | 89.5                         | 13.0  | 525                                |
| <5 years complete         | 94.6  | 3,254           | 51.6   | 57.0  | 87.1                         | 4.2   | 3,076                                | 89.1  | 471           | 55.9   | 67.9  | 89.0                         | 7.9   | 420                                |
| 5-7 years complete        | 93.9  | 4,836           | 58.4   | 62.9  | 89.8                         | 4.7   | 4,540                                | 91.5  | 671           | 55.8   | 68.0  | 91.1                         | 12.3  | 614                                |
| 8-9 years complete        | 94.7  | 10,050          | 63.9   | 63.9  | 91.2                         | 4.4   | 9,516                                | 92.5  | 1,225         | 61.1   | 71.4  | 90.9                         | 13.3  | 1,134                              |
| 10-11 years complete      | 95.2  | 4,347           | 71.9   | 65.8  | 94.4                         | 4.4   | 4,139                                | 92.6  | 567           | 69.6   | 75.0  | 93.6                         | 10.6  | 525                                |
| 12 or more years complete | 96.4  | 5,997           | 79.9   | 65.8  | 96.4                         | 4.0   | 5,783                                | 93.0  | 1,046         | 68.3   | 73.6  | 94.7                         | 9.8   | 973                                |
| <b>Religion</b>           |   |                 |  |   |                              |   |                                      |   |               |  |   |                              |   |                                    |
| Hindu                     | 95.3  | 21,673          | 65.4   | 60.8  | 92.1                         | 4.3   | 20,654                               | 94.2  | 2,838         | 63.5   | 70.3  | 93.4                         | 10.4  | 2,672                              |
| Muslim                    | 93.3  | 12,166          | 59.0   | 64.1  | 88.5                         | 4.8   | 11,352                               | 88.0  | 1,576         | 57.2   | 73.1  | 88.4                         | 13.2  | 1,387                              |
| Christian                 | 97.0  | 1,042           | 62.8   | 61.6  | 90.4                         | 5.2   | 1,011                                | 94.8  | 119           | 61.0   | 72.8  | 97.6                         | 13.6  | 113                                |
| Other                     | 89.6  | 97              | 80.3   | 45.9  | 93.2                         | 2.0   | 87                                   | (100.0)   | 17            | (70.0)   | (66.6)  | (81.4)                       | (9.1)                                       | 17                                 |
| <b>Caste/tribe</b>        |   |                 |  |   |                              |   |                                      |   |               |  |   |                              |   |                                    |
| Scheduled caste           | 92.4  | 4,593           | 62.9   | 61.6  | 91.6                         | 3.9   | 4,246                                | 92.4  | 592           | 62.1   | 74.1  | 94.1                         | 11.9  | 547                                |
| Scheduled tribe           | 95.5  | 4,452           | 64.5   | 59.8  | 89.8                         | 4.3   | 4,250                                | 95.0  | 646           | 61.7   | 73.9  | 94.7                         | 12.3  | 613                                |
| Other backward class      | 97.3  | 9,047           | 64.5   | 62.4  | 92.2                         | 3.4   | 8,800                                | 95.4  | 1,166         | 63.9   | 70.9  | 94.3                         | 9.7   | 1,112                              |
| Other                     | 93.6  | 16,796          | 62.3   | 62.5  | 90.2                         | 5.3   | 15,727                               | 89.3  | 2,133         | 59.6   | 70.1  | 88.8                         | 11.9  | 1,906                              |
| Don't know                | 90.4  | 91              | 34.4   | 36.1  | 80.3                         | 8.2   | 82                                   | *   | 14            | *  | *   | *                            | *   | 12                                 |
| <b>Total</b>              | <b>94.6</b>                                       | <b>34,979</b>   | <b>63.2</b>  | <b>61.9</b>   | <b>90.8</b>                  | <b>4.5</b>                                  | <b>33,104</b>                        | <b>92.1</b>                                     | <b>4,551</b>  | <b>61.4</b>  | <b>71.3</b>   | <b>91.8</b>                  | <b>11.4</b>                                 | <b>4,190</b>                       |

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> Misconceptions about the transmission of TB include that it can be spread by sharing utensils, by touching a person with TB, through food, through sexual contact, through mosquito bites, or through any other means except through the air when coughing or sneezing

**Table 88 Health insurance coverage among women and men**

Percentage of women and men age 15-49 who are covered by a health insurance/financing scheme, by background characteristics, Assam, 2019-20

| Background characteristic | Percentage of women covered by any health insurance/financing scheme | Number of women | Percentage of men covered by any health insurance/financing scheme | Number of men |
|---------------------------|--|-----------------|--|---------------|
| <b>Age</b>                |  |                 |  |               |
| 15-19                     | 32.6   | 5,680           | 27.0   | 739           |
| 20-24                     | 44.5   | 5,764           | 46.5   | 661           |
| 25-34                     | 55.5   | 10,895          | 56.1   | 1,318         |
| 35-49                     | 63.6   | 12,640          | 65.3   | 1,832         |
| <b>Residence</b>          |  |                 |  |               |
| Urban                     | 44.4   | 5,239           | 49.2   | 715           |
| Rural                     | 54.4   | 29,740          | 54.5   | 3,835         |
| <b>Schooling</b>          |  |                 |  |               |
| No schooling              | 61.3   | 6,495           | 57.4   | 570           |
| <5 years complete         | 58.7   | 3,254           | 57.9   | 471           |
| 5-7 years complete        | 56.2   | 4,836           | 54.2   | 671           |
| 8-9 years complete        | 50.9   | 10,050          | 53.4   | 1,225         |
| 10-11 years complete      | 48.2   | 4,347           | 51.2   | 567           |
| 12 or more years complete | 44.9   | 5,997           | 51.0   | 1,046         |
| <b>Religion</b>           |  |                 |  |               |
| Hindu                     | 54.9   | 21,673          | 56.4   | 2,838         |
| Muslim                    | 49.8   | 12,166          | 49.7   | 1,576         |
| Christian                 | 49.5   | 1,042           | 46.6   | 119           |
| Other                     | 45.1   | 97              | (26.6)   | 17            |
| <b>Caste/tribe</b>        |  |                 |  |               |
| Scheduled caste           | 57.9   | 4,593           | 57.5   | 592           |
| Scheduled tribe           | 54.9   | 4,452           | 62.9   | 646           |
| Other backward class      | 55.4   | 9,047           | 52.0   | 1,166         |
| Other                     | 49.8   | 16,796          | 50.7   | 2,133         |
| Don't know                | 39.7   | 91              | *  | 14            |
| Total age 15-49           | 52.9   | 34,979          | 53.7   | 4,551         |
| Age 50-54                 | na   | na              | 69.6   | 422           |
| Total age 15-54           | na   | na              | 55.0   | 4,973         |

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.  
na = Not applicable

**Table 89 Source of health care and health insurance coverage among households**

Percent distribution of households by the source of health care that household members generally use when they get sick, percentage of households with at least one usual member covered by a health insurance/financing scheme, and among households with at least one usual member covered by a health insurance/financing scheme, type of health insurance or a health scheme coverage, according to residence, Assam, 2019-20

| Source  | Residence    |              | Total        |
|---|--------------|--------------|--------------|
|   | Urban        | Rural        |              |
| <b>Public health sector</b>   | 67.2         | 86.2         | 83.1         |
| Government/municipal hospital   | 37.9         | 25.5         | 27.6         |
| Government dispensary   | 6.5          | 4.4          | 4.7          |
| UHC/UHP/UFWC  | 1.6          | 0.4          | 0.6          |
| CHC/rural hospital/block PHC  | 9.0          | 20.6         | 18.7         |
| PHC/additional PHC  | 11.1         | 29.9         | 26.8         |
| Sub-centre  | 0.9          | 5.2          | 4.5          |
| Vaidya/hakim/homeopath (AYUSH)  | 0.1          | 0.0          | 0.0          |
| Anganwadi/ICDS centre   | 0.0          | 0.0          | 0.0          |
| ASHA  | 0.0          | 0.0          | 0.0          |
| Other public health sector  | 0.1          | 0.1          | 0.1          |
| NGO or trust hospital/clinic  | 0.1          | 0.2          | 0.2          |
| <b>Private health sector</b>  | 29.5         | 9.5          | 12.8         |
| Private hospital  | 17.7         | 5.3          | 7.3          |
| Private doctor/clinic   | 11.5         | 4.0          | 5.2          |
| Private paramedic   | 0.3          | 0.2          | 0.2          |
| Vaidya/hakim/homeopath (AYUSH)  | 0.0          | 0.0          | 0.0          |
| Pharmacy/drugstore  | 0.0          | 0.0          | 0.0          |
| Other private health sector   | 0.0          | 0.0          | 0.0          |
| <b>Other source</b>   | 2.3          | 2.8          | 2.7          |
| Shop  | 0.0          | 0.0          | 0.0          |
| Home treatment  | 1.7          | 2.1          | 2.0          |
| Other   | 0.5          | 0.7          | 0.6          |
| <b>Total</b>  | <b>100.0</b> | <b>100.0</b> | <b>100.0</b> |
| <b>Health insurance</b>   |              |              |              |
| Percentage of households in which at least one usual member is covered by a health insurance/financing scheme                 | 50.1         | 61.9         | 60.0         |
| Number of households  | 4,913        | 25,206       | 30,119       |
| <b>Type of coverage among households in which at least one usual member is covered by a health insurance/financing scheme</b> |              |              |              |
| Employees' State Insurance Scheme (ESIS)  | 3.6          | 0.6          | 1.0          |
| Central Government Health Scheme (CGHS)   | 4.6          | 0.4          | 0.9          |
| State health insurance scheme   | 2.0          | 0.3          | 0.5          |
| Rashtriya Swasthya Bima Yojana (RSBY)   | 1.3          | 1.0          | 1.0          |
| Community health insurance programme  | 0.2          | 0.0          | 0.1          |
| Other health insurance through employer   | 1.2          | 0.5          | 0.6          |
| Medical reimbursement from employer   | 0.3          | 0.0          | 0.1          |
| Other privately purchased commercial health insurance   | 2.5          | 0.2          | 0.5          |
| Other   | 86.4         | 98.0         | 96.4         |
| Number of households  | 2,462        | 15,606       | 18,068       |

UHC = Urban health centre; UHP = Urban health post; UFWC = Urban family welfare centre; CHC = Community health centre; PHC = Primary health centre; AYUSH = Ayurveda, yoga and naturopathy, unani, siddha and homeopathy; ICDS = Integrated Child Development Services; ASHA = Accredited Social Health Activist; NGO = Nongovernmental organization

**Table 90 Health problems**

Number of women and men age 15-49 per 100,000 who reported that they have diabetes, asthma, goitre or any other thyroid disorder, heart disease, or cancer, by background characteristics, Assam, 2019-20

| Background characteristic           | Number of women per 100,000 |        |                                  |                   |        | Number of women | Number of men per 100,000 |        |                                  |                   |        | Number of men |
|-------------------------------------|-----------------------------|--------|----------------------------------|-------------------|--------|-----------------|---------------------------|--------|----------------------------------|-------------------|--------|---------------|
|                                     | Diabetes                    | Asthma | Goitre or other thyroid disorder | Any heart disease | Cancer |                 | Diabetes                  | Asthma | Goitre or other thyroid disorder | Any heart disease | Cancer |               |
| <b>Age</b>                          |                             |        |                                  |                   |        |                 |                           |        |                                  |                   |        |               |
| 15-19                               | 461                         | 967    | 997                              | 393               | 56     | 5,680           | 0                         | 355    | 95                               | 0                 | 0      | 739           |
| 20-34                               | 1,062                       | 1,365  | 2,197                            | 941               | 122    | 16,659          | 1,005                     | 659    | 443                              | 731               | 229    | 1,979         |
| 35-49                               | 4,093                       | 2,223  | 3,970                            | 1,919             | 152    | 12,640          | 2,856                     | 443    | 389                              | 787               | 0      | 1,832         |
| <b>Residence</b>                    |                             |        |                                  |                   |        |                 |                           |        |                                  |                   |        |               |
| Urban                               | 2,305                       | 1,545  | 5,509                            | 1,222             | 0      | 5,239           | 2,953                     | 104    | 518                              | 647               | 0      | 715           |
| Rural                               | 2,016                       | 1,622  | 2,138                            | 1,203             | 144    | 29,740          | 1,332                     | 601    | 336                              | 632               | 118    | 3,835         |
| <b>Schooling</b>                    |                             |        |                                  |                   |        |                 |                           |        |                                  |                   |        |               |
| No schooling                        | 2,713                       | 2,097  | 2,263                            | 1,434             | 215    | 6,495           | 1,582                     | 727    | 635                              | 710               | 291    | 570           |
| <5 years complete                   | 2,263                       | 1,779  | 2,155                            | 1,404             | 43     | 3,254           | 1,584                     | 158    | 320                              | 1,427             | 0      | 471           |
| 5-7 years complete                  | 2,028                       | 1,896  | 2,036                            | 1,267             | 114    | 4,836           | 1,927                     | 434    | 318                              | 670               | 0      | 671           |
| 8-9 years complete                  | 1,809                       | 1,409  | 2,323                            | 1,238             | 126    | 10,050          | 1,192                     | 547    | 330                              | 339               | 174    | 1,225         |
| 10-11 years complete                | 2,138                       | 1,218  | 3,195                            | 1,239             | 139    | 4,347           | 2,749                     | 447    | 611                              | 874               | 0      | 567           |
| 12 or more years complete           | 1,631                       | 1,384  | 3,942                            | 721               | 52     | 5,997           | 1,206                     | 645    | 174                              | 430               | 72     | 1,046         |
| <b>Marital status</b>               |                             |        |                                  |                   |        |                 |                           |        |                                  |                   |        |               |
| Never married                       | 577                         | 1,007  | 1,673                            | 348               | 79     | 7,748           | 481                       | 291    | 78                               | 155               | 44     | 1,724         |
| Currently married                   | 2,440                       | 1,777  | 2,948                            | 1,423             | 128    | 25,673          | 2,201                     | 675    | 548                              | 885               | 136    | 2,782         |
| Widowed/divorced/separated/deserted | 3,169                       | 1,870  | 2,429                            | 1,890             | 244    | 1,558           | (6047)                    | (0)    | (0)                              | (3528)            | (0)    | 45            |
| <b>Religion</b>                     |                             |        |                                  |                   |        |                 |                           |        |                                  |                   |        |               |
| Hindu                               | 1,892                       | 1,295  | 2,737                            | 1,019             | 93     | 21,673          | 1,652                     | 487    | 449                              | 593               | 128    | 2,838         |
| Muslim                              | 2,452                       | 2,197  | 2,623                            | 1,512             | 167    | 12,166          | 1,585                     | 633    | 204                              | 725               | 58     | 1,576         |
| Christian                           | 980                         | 1,177  | 1,145                            | 1,394             | 217    | 1,042           | 284                       | 0      | 531                              | 531               | 0      | 119           |
| Other                               | 1,991                       | 3,131  | 0                                | 2,389             | 0      | 97              | (0)                       | (0)    | (0)                              | (0)               | (0)    | 17            |
| <b>Caste/tribe</b>                  |                             |        |                                  |                   |        |                 |                           |        |                                  |                   |        |               |
| Scheduled caste                     | 2,717                       | 1,313  | 2,752                            | 1,171             | 162    | 4,593           | 1,489                     | 301    | 968                              | 1,227             | 0      | 592           |
| Scheduled tribe                     | 1,037                       | 1,009  | 1,369                            | 684               | 74     | 4,452           | 626                       | 732    | 490                              | 664               | 272    | 646           |
| Other backward class                | 1,404                       | 1,141  | 2,231                            | 1,112             | 65     | 9,047           | 1,666                     | 508    | 304                              | 426               | 160    | 1,166         |
| Other                               | 2,506                       | 2,098  | 3,186                            | 1,410             | 156    | 16,796          | 1,872                     | 533    | 194                              | 579               | 43     | 2,133         |
| Don't know                          | 1,759                       | 2,539  | 0                                | 0                 | 0      | 91              | *                         | *      | *                                | *                 | *      | 14            |
| Total age 15-49                     | 2,060                       | 1,610  | 2,642                            | 1,205             | 122    | 34,979          | 1,587                     | 523    | 365                              | 635               | 100    | 4,551         |
| Age 50-54                           | na                          | na     | na                               | na                | na     | na              | 7,168                     | 353    | 0                                | 1,726             | 0      | 422           |
| Total age 15-54                     | na                          | na     | na                               | na                | na     | na              | 2,061                     | 508    | 334                              | 727               | 91     | 4,973         |

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

na = Not applicable

**Table 91 Screening tests for cancer**

Percentage of women age 15-49 who have ever undergone specific screening tests for cancer, and percentage of men age 15-49 who have ever undergone an oral cavity screening test for oral cancer by background characteristics, Assam, 2019-20

| Background characteristic | Type of screening test for women |            |             | Number of women | Oral cavity screening test for men | Number of men |
|---------------------------|----------------------------------|------------|-------------|-----------------|------------------------------------|---------------|
|                           | Cervix                           | Breast     | Oral cavity |                 |                                    |               |
| <b>Age</b>                |                                  |            |             |                 |                                    |               |
| 15-19                     | 0.2                              | 0.1        | 0.2         | 5,564           | 3.3                                | 736           |
| 20-24                     | 0.2                              | 0.2        | 0.2         | 5,682           | 3.5                                | 668           |
| 25-29                     | 0.3                              | 0.1        | 0.3         | 5,852           | 3.9                                | 686           |
| 30-34                     | 0.2                              | 0.3        | 0.2         | 4,934           | 1.0                                | 619           |
| 35-39                     | 0.1                              | 0.1        | 0.2         | 4,799           | 1.5                                | 623           |
| 40-44                     | 0.4                              | 0.2        | 0.3         | 3,708           | 1.1                                | 579           |
| 45-49                     | 0.2                              | 0.2        | 0.2         | 4,042           | 2.0                                | 624           |
| <b>Residence</b>          |                                  |            |             |                 |                                    |               |
| Urban                     | 0.5                              | 0.3        | 0.4         | 5,136           | 0.4                                | 697           |
| Rural                     | 0.2                              | 0.1        | 0.2         | 29,445          | 2.7                                | 3,839         |
| <b>Schooling</b>          |                                  |            |             |                 |                                    |               |
| No schooling              | 0.1                              | 0.1        | 0.1         | 6,438           | 2.6                                | 577           |
| <5 years complete         | 0.2                              | 0.1        | 0.1         | 3,228           | 1.9                                | 474           |
| 5-7 years complete        | 0.2                              | 0.1        | 0.3         | 4,798           | 3.3                                | 677           |
| 8-9 years complete        | 0.3                              | 0.2        | 0.3         | 9,949           | 2.6                                | 1,215         |
| 10-11 years complete      | 0.3                              | 0.2        | 0.3         | 4,286           | 2.9                                | 569           |
| 12 or more years complete | 0.2                              | 0.2        | 0.3         | 5,882           | 1.3                                | 1,025         |
| <b>Religion</b>           |                                  |            |             |                 |                                    |               |
| Hindu                     | 0.2                              | 0.2        | 0.3         | 21,379          | 1.6                                | 2,805         |
| Muslim                    | 0.3                              | 0.2        | 0.2         | 12,083          | 3.8                                | 1,595         |
| Christian                 | 0.1                              | 0.0        | 0.0         | 1,026           | 2.2                                | 119           |
| <b>Caste/tribe</b>        |                                  |            |             |                 |                                    |               |
| Scheduled caste           | 0.5                              | 0.3        | 0.3         | 4,535           | 1.3                                | 588           |
| Scheduled tribe           | 0.1                              | 0.1        | 0.2         | 4,378           | 0.8                                | 633           |
| Other backward class      | 0.1                              | 0.1        | 0.2         | 8,947           | 1.7                                | 1,152         |
| Other                     | 0.3                              | 0.2        | 0.2         | 16,633          | 3.5                                | 2,150         |
| Don't know                | 0.0                              | 0.0        | 0.0         | 88              | *                                  | 13            |
| <b>Total</b>              | <b>0.2</b>                       | <b>0.2</b> | <b>0.2</b>  | <b>34,581</b>   | <b>2.4</b>                         | <b>4,536</b>  |

Note: Table excludes women and men who did not complete an individual interview. An asterisk indicates that a figure is based on fewer than 25 unweighted cases and has been suppressed.

Table 92.1 Blood pressure status: Women

Among women age 15-49, prevalence of hypertension, percent distribution of blood pressure values, and percentage having normal blood pressure and taking medication to lower blood pressure, by background characteristics, Assam, 2019-20

| Background characteristic | Prevalence of hypertension <sup>1</sup> | Normal                         | Pre-hypertensive                   | Hypertensive                                |   |  | Total | Percentage with normal blood pressure and taking medicine to lower blood pressure | Number of women |
|---------------------------|---|--------------------------------|------------------------------------|---|---|--|-------|---|-----------------|
|                           |   | SBP <120 mmHg and DBP <80 mmHg | SBP 120-139 mmHg or DBP 80-89 mmHg | Stage 1: SBP 140-159 mmHg or DBP 90-99 mmHg | Stage 2: SBP 160-179 mmHg or DBP 100-109 mmHg | Stage 3: SBP ≥180 mmHg or DBP ≥ 110 mmHg |       |   |                 |
| <b>Age</b>                |   |                                |                                    |   |   |  |       |   |                 |
| 15-19                     | 3.3                                     | 74.3                           | 24.1                               | 1.4   | 0.1   | 0.1                                      | 100.0 | 1.4   | 5,517           |
| 20-24                     | 5.0                                     | 64.6                           | 31.9                               | 2.8   | 0.4   | 0.2                                      | 100.0 | 0.9   | 5,619           |
| 25-29                     | 7.7                                     | 56.7                           | 37.2                               | 4.9   | 0.9   | 0.3                                      | 100.0 | 0.9   | 5,787           |
| 30-34                     | 11.5                                    | 47.4                           | 42.8                               | 7.7   | 1.5   | 0.5                                      | 100.0 | 0.8   | 4,883           |
| 35-39                     | 15.5                                    | 42.9                           | 44.0                               | 9.8   | 2.3   | 1.1                                      | 100.0 | 1.0   | 4,752           |
| 40-44                     | 23.3                                    | 36.7                           | 43.6                               | 14.2  | 3.9   | 1.6                                      | 100.0 | 1.3   | 3,662           |
| 45-49                     | 27.5                                    | 30.8                           | 46.2                               | 16.4  | 4.8   | 1.8                                      | 100.0 | 1.0   | 4,007           |
| <b>Residence</b>          |   |                                |                                    |   |   |  |       |   |                 |
| Urban                     | 13.2                                    | 54.2                           | 35.8                               | 7.2   | 2.2   | 0.6                                      | 100.0 | 1.4   | 5,005           |
| Rural                     | 12.0                                    | 52.1                           | 38.0                               | 7.5   | 1.7   | 0.7                                      | 100.0 | 1.0   | 29,223          |
| <b>Schooling</b>          |   |                                |                                    |   |   |  |       |   |                 |
| No schooling              | 16.9                                    | 43.4                           | 42.5                               | 10.0  | 2.6   | 1.5                                      | 100.0 | 0.9   | 6,392           |
| <5 years complete         | 14.7                                    | 47.7                           | 39.7                               | 9.8   | 2.1   | 0.6                                      | 100.0 | 1.0   | 3,198           |
| 5-7 years complete        | 10.9                                    | 51.9                           | 39.1                               | 7.1   | 1.4   | 0.4                                      | 100.0 | 1.0   | 4,768           |
| 8-9 years complete        | 10.9                                    | 56.5                           | 34.8                               | 6.4   | 1.7   | 0.5                                      | 100.0 | 1.2   | 9,852           |
| 10-11 years complete      | 11.0                                    | 54.9                           | 35.9                               | 7.1   | 1.5   | 0.6                                      | 100.0 | 0.8   | 4,240           |
| 12 or more years complete | 9.6                                     | 56.5                           | 36.4                               | 5.5   | 1.1   | 0.5                                      | 100.0 | 1.1   | 5,777           |
| <b>Religion</b>           |   |                                |                                    |   |   |  |       |   |                 |
| Hindu                     | 12.6                                    | 51.9                           | 37.6                               | 7.9   | 1.9   | 0.7                                      | 100.0 | 0.9   | 21,109          |
| Muslim                    | 11.4                                    | 53.8                           | 37.5                               | 6.6   | 1.5   | 0.6                                      | 100.0 | 1.4   | 12,008          |
| Christian                 | 12.2                                    | 47.8                           | 41.2                               | 7.5   | 2.4   | 1.0                                      | 100.0 | 0.5   | 1,021           |
| Other                     | 15.5                                    | 47.4                           | 40.2                               | 8.8   | 3.5   | 0.0                                      | 100.0 | 1.9   | 90              |
| <b>Caste/tribe</b>        |   |                                |                                    |   |   |  |       |   |                 |
| Scheduled caste           | 11.3                                    | 54.3                           | 36.3                               | 7.0   | 1.8   | 0.6                                      | 100.0 | 0.7   | 4,474           |
| Scheduled tribe           | 14.6                                    | 43.8                           | 43.2                               | 9.9   | 2.3   | 0.8                                      | 100.0 | 0.7   | 4,341           |
| Other backward class      | 11.7                                    | 53.3                           | 36.9                               | 7.2   | 1.8   | 0.8                                      | 100.0 | 0.8   | 8,872           |
| Other                     | 12.0                                    | 53.6                           | 37.1                               | 7.0   | 1.6   | 0.7                                      | 100.0 | 1.3   | 16,452          |
| Don't know                | 19.0                                    | 58.7                           | 29.3                               | 6.9   | 3.6   | 1.5                                      | 100.0 | 1.8   | 88              |
| Total                     | 12.2                                    | 52.4                           | 37.7                               | 7.4   | 1.8   | 0.7                                      | 100.0 | 1.0   | 34,227          |

SBP = Systolic blood pressure; DBP = Diastolic blood pressure

<sup>1</sup> A woman is classified as having hypertension if she has SBP≥140 mmHg or DBP≥90 mmHg at the time of the survey, or she is currently taking antihypertensive medication to control blood pressure. The term hypertension as used in this table is not meant to be a clinical diagnosis of the disease, but rather to provide an indication of the disease burden in the population at the time of the survey.



**Table 92.2 Blood pressure status: Men**

Among men age 15-49, prevalence of hypertension, percent distribution of blood pressure values, and percentage having normal blood pressure and taking medication to lower blood pressure, by background characteristics, Assam, 2019-20

| Background characteristic | Prevalence of hypertension <sup>1</sup> | Normal                         | Pre-hypertensive                   | Hypertensive                                |   |  | Total | Percentage with normal blood pressure and taking medicine to lower blood pressure | Number of men |
|---------------------------|---|--------------------------------|------------------------------------|---|---|--|-------|---|---------------|
|                           |   | SBP <120 mmHg and DBP <80 mmHg | SBP 120-139 mmHg or DBP 80-89 mmHg | Stage 1: SBP 140-159 mmHg or DBP 90-99 mmHg | Stage 2: SBP 160-179 mmHg or DBP 100-109 mmHg | Stage 3: SBP ≥180 mmHg or DBP ≥ 110 mmHg |       |   |               |
| <b>Age</b>                |   |                                |                                    |   |   |  |       |   |               |
| 15-19                     | 2.4                                     | 61.4                           | 37.3                               | 1.2   | 0.1   | 0.0                                      | 100.0 | 0.7   | 708           |
| 20-24                     | 8.2                                     | 45.8                           | 47.5                               | 6.3   | 0.5   | 0.0                                      | 100.0 | 0.9   | 633           |
| 25-29                     | 10.5                                    | 36.7                           | 54.8                               | 7.3   | 0.9   | 0.1                                      | 100.0 | 0.8   | 653           |
| 30-34                     | 14.6                                    | 32.0                           | 55.4                               | 9.9   | 2.0   | 0.8                                      | 100.0 | 0.9   | 601           |
| 35-39                     | 18.4                                    | 28.2                           | 55.5                               | 13.8  | 1.6   | 0.9                                      | 100.0 | 0.5   | 603           |
| 40-44                     | 26.8                                    | 24.7                           | 50.8                               | 18.4  | 4.7   | 1.4                                      | 100.0 | 0.2   | 564           |
| 45-49                     | 26.2                                    | 22.7                           | 52.9                               | 15.8  | 7.2   | 1.4                                      | 100.0 | 0.2   | 607           |
| <b>Residence</b>          |   |                                |                                    |   |   |  |       |   |               |
| Urban                     | 19.8                                    | 34.7                           | 48.0                               | 12.9  | 3.2   | 1.2                                      | 100.0 | 0.4   | 674           |
| Rural                     | 13.9                                    | 37.1                           | 50.7                               | 9.5   | 2.2   | 0.5                                      | 100.0 | 0.7   | 3,695         |
| <b>Schooling</b>          |   |                                |                                    |   |   |  |       |   |               |
| No schooling              | 15.2                                    | 35.6                           | 50.5                               | 11.1  | 1.9   | 0.9                                      | 100.0 | 0.3   | 553           |
| <5 years complete         | 14.3                                    | 31.6                           | 55.4                               | 10.5  | 2.1   | 0.3                                      | 100.0 | 0.0   | 464           |
| 5-7 years complete        | 13.0                                    | 37.9                           | 50.2                               | 8.5   | 2.0   | 1.3                                      | 100.0 | 0.3   | 650           |
| 8-9 years complete        | 13.6                                    | 38.2                           | 49.9                               | 9.5   | 2.2   | 0.3                                      | 100.0 | 0.6   | 1,168         |
| 10-11 years complete      | 13.7                                    | 41.2                           | 46.6                               | 8.6   | 2.6   | 1.0                                      | 100.0 | 0.6   | 542           |
| 12 or more years complete | 18.0                                    | 34.6                           | 50.3                               | 11.7  | 3.0   | 0.4                                      | 100.0 | 1.3   | 992           |
| <b>Religion</b>           |   |                                |                                    |   |   |  |       |   |               |
| Hindu                     | 16.9                                    | 33.0                           | 51.8                               | 11.3  | 3.1   | 0.8                                      | 100.0 | 0.6   | 2,723         |
| Muslim                    | 11.5                                    | 43.1                           | 47.4                               | 8.1   | 1.0   | 0.3                                      | 100.0 | 0.7   | 1,514         |
| Christian                 | 8.4                                     | 39.4                           | 52.2                               | 6.7   | 0.6   | 1.1                                      | 100.0 | 0.0   | 115           |
| <b>Caste/tribe</b>        |   |                                |                                    |   |   |  |       |   |               |
| Scheduled caste           | 15.0                                    | 34.5                           | 51.8                               | 10.5  | 3.1   | 0.0                                      | 100.0 | 0.1   | 574           |
| Scheduled tribe           | 17.0                                    | 28.6                           | 55.6                               | 12.8  | 2.5   | 0.6                                      | 100.0 | 0.5   | 620           |
| Other backward class      | 16.6                                    | 35.0                           | 50.2                               | 10.8  | 3.2   | 0.8                                      | 100.0 | 0.9   | 1,116         |
| Other                     | 13.1                                    | 40.6                           | 48.3                               | 8.7   | 1.6   | 0.7                                      | 100.0 | 0.6   | 2,047         |
| Total age 15-49           | 14.8                                    | 36.7                           | 50.3                               | 10.0  | 2.3   | 0.6                                      | 100.0 | 0.6   | 4,369         |
| Age 50-54                 | 31.2                                    | 24.7                           | 45.9                               | 20.6  | 6.7   | 2.1                                      | 100.0 | 1.0   | 412           |
| Total age 15-54           | 16.2                                    | 35.7                           | 49.9                               | 10.9  | 2.7   | 0.7                                      | 100.0 | 0.7   | 4,781         |

Note: Total includes men belonging to other religions and who don't know their cast/tribe, who are not shown separately.

SBP = Systolic blood pressure; DBP = Diastolic pressure

<sup>1</sup> A man is classified as having hypertension if he has SBP ≥ 140 mmHg or DBP ≥ 90 mmHg at time of survey, or he is currently taking antihypertensive medication to control blood pressure. The term hypertension as used in this table is not meant to be a clinical diagnosis of the disease, but rather to provide an indication of the disease burden in the population at the time of the survey.

**Table 93.1 Random blood glucose levels: Women**

Among women age 15-49, percent distribution of random blood glucose values, by background characteristics, Assam, 2019-20

| Background characteristic | Random blood glucose values |                      |                          | Total        | Percentage with normal blood glucose levels and taking medicine to lower their blood glucose level | Percentage with $\geq 140$ mg/dl blood glucose levels and taking medicine to lower their blood glucose level | Number of women |
|---------------------------|-----------------------------|----------------------|--------------------------|--------------|--|--|-----------------|
|                           | $\leq 140$ mg/dl (normal)   | 141-160 mg/dl (high) | $>160$ mg/dl (very high) |              |  |  |                 |
| <b>Age</b>                |                             |                      |                          |              |  |  |                 |
| 15-19                     | 97.1                        | 2.1                  | 0.9                      | 100.0        | 0.6  | 0.1  | 5,453           |
| 20-24                     | 96.3                        | 2.9                  | 0.9                      | 100.0        | 0.8  | 0.1  | 5,579           |
| 25-29                     | 93.8                        | 4.4                  | 1.9                      | 100.0        | 1.0  | 0.2  | 5,767           |
| 30-34                     | 92.2                        | 4.9                  | 2.9                      | 100.0        | 0.7  | 0.3  | 4,843           |
| 35-39                     | 89.2                        | 6.6                  | 4.1                      | 100.0        | 0.8  | 0.7  | 4,685           |
| 40-44                     | 85.6                        | 8.0                  | 6.4                      | 100.0        | 0.8  | 1.4  | 3,623           |
| 45-49                     | 82.8                        | 9.4                  | 7.8                      | 100.0        | 1.5  | 2.2  | 3,939           |
| <b>Residence</b>          |                             |                      |                          |              |  |  |                 |
| Urban                     | 89.4                        | 6.2                  | 4.5                      | 100.0        | 0.9  | 0.9  | 4,938           |
| Rural                     | 92.1                        | 4.9                  | 3.0                      | 100.0        | 0.8  | 0.6  | 28,951          |
| <b>Schooling</b>          |                             |                      |                          |              |  |  |                 |
| No schooling              | 91.3                        | 5.5                  | 3.2                      | 100.0        | 1.1  | 0.4  | 6,300           |
| <5 years complete         | 90.8                        | 5.8                  | 3.4                      | 100.0        | 0.5  | 0.5  | 3,187           |
| 5-7 years complete        | 92.3                        | 5.2                  | 2.4                      | 100.0        | 0.6  | 0.7  | 4,736           |
| 8-9 years complete        | 92.5                        | 4.4                  | 3.1                      | 100.0        | 0.9  | 0.7  | 9,767           |
| 10-11 years complete      | 91.0                        | 5.4                  | 3.6                      | 100.0        | 0.8  | 0.7  | 4,191           |
| 12 or more years complete | 91.4                        | 5.2                  | 3.4                      | 100.0        | 0.9  | 0.7  | 5,708           |
| <b>Religion</b>           |                             |                      |                          |              |  |  |                 |
| Hindu                     | 91.4                        | 5.2                  | 3.3                      | 100.0        | 0.7  | 0.6  | 20,887          |
| Muslim                    | 92.0                        | 5.0                  | 3.0                      | 100.0        | 1.1  | 0.8  | 11,903          |
| Christian                 | 93.6                        | 4.2                  | 2.2                      | 100.0        | 1.1  | 0.2  | 1,009           |
| Other                     | 94.9                        | 0.7                  | 4.4                      | 100.0        | 2.1  | 0.0  | 90              |
| <b>Caste/tribe</b>        |                             |                      |                          |              |  |  |                 |
| Scheduled caste           | 91.7                        | 4.9                  | 3.5                      | 100.0        | 0.7  | 0.7  | 4,433           |
| Scheduled tribe           | 92.6                        | 4.7                  | 2.7                      | 100.0        | 0.6  | 0.2  | 4,294           |
| Other backward class      | 91.8                        | 5.3                  | 2.8                      | 100.0        | 0.6  | 0.4  | 8,779           |
| Other                     | 91.4                        | 5.2                  | 3.4                      | 100.0        | 1.1  | 0.8  | 16,298          |
| Don't know                | 89.7                        | 1.9                  | 8.4                      | 100.0        | 3.7  | 0.0  | 85              |
| <b>Total</b>              | <b>91.7</b>                 | <b>5.1</b>           | <b>3.2</b>               | <b>100.0</b> | <b>0.8</b>   | <b>0.6</b>   | <b>33,889</b>   |

**Table 93.2 Random blood glucose levels: Men**

Among men age 15-49, percent distribution of random blood glucose values, by background characteristics, Assam, 2019-20

| Background characteristic | Random blood glucose values |                      |                          | Total | Percentage with normal blood glucose levels and taking medicine to lower their blood glucose level | Percentage with $\geq 140$ mg/dl blood glucose levels and taking medicine to lower their blood glucose level | Number of men |
|---------------------------|-----------------------------|----------------------|--------------------------|-------|--|--|---------------|
|                           | $\leq 140$ mg/dl (normal)   | 141-160 mg/dl (high) | $>160$ mg/dl (very high) |       |  |  |               |
| <b>Age</b>                |                             |                      |                          |       |  |  |               |
| 15-19                     | 96.4                        | 2.9                  | 0.7                      | 100.0 | 0.9  | 0.1  | 698           |
| 20-24                     | 93.4                        | 4.1                  | 2.6                      | 100.0 | 1.7  | 0.0  | 630           |
| 25-29                     | 91.7                        | 5.7                  | 2.7                      | 100.0 | 1.9  | 0.0  | 647           |
| 30-34                     | 88.7                        | 6.8                  | 4.5                      | 100.0 | 2.4  | 0.1  | 594           |
| 35-39                     | 86.8                        | 8.4                  | 4.9                      | 100.0 | 2.3  | 0.7  | 602           |
| 40-44                     | 82.0                        | 11.6                 | 6.3                      | 100.0 | 5.6  | 0.7  | 559           |
| 45-49                     | 76.9                        | 11.7                 | 11.4                     | 100.0 | 3.0  | 1.9  | 595           |
| <b>Residence</b>          |                             |                      |                          |       |  |  |               |
| Urban                     | 83.7                        | 8.6                  | 7.8                      | 100.0 | 3.0  | 0.9  | 663           |
| Rural                     | 89.1                        | 6.9                  | 4.0                      | 100.0 | 2.4  | 0.4  | 3,662         |
| <b>Schooling</b>          |                             |                      |                          |       |  |  |               |
| No schooling              | 88.0                        | 8.3                  | 3.7                      | 100.0 | 2.7  | 0.1  | 552           |
| <5 years complete         | 85.6                        | 10.0                 | 4.4                      | 100.0 | 1.8  | 0.0  | 461           |
| 5-7 years complete        | 88.4                        | 7.5                  | 4.1                      | 100.0 | 2.2  | 0.3  | 640           |
| 8-9 years complete        | 89.0                        | 6.9                  | 4.1                      | 100.0 | 1.9  | 0.7  | 1,160         |
| 10-11 years complete      | 89.5                        | 6.0                  | 4.5                      | 100.0 | 1.9  | 0.8  | 534           |
| 12 or more years complete | 88.2                        | 5.7                  | 6.2                      | 100.0 | 3.8  | 0.6  | 978           |
| <b>Religion</b>           |                             |                      |                          |       |  |  |               |
| Hindu                     | 87.5                        | 7.0                  | 5.5                      | 100.0 | 2.2  | 0.7  | 2,688         |
| Muslim                    | 89.4                        | 7.4                  | 3.2                      | 100.0 | 3.2  | 0.1  | 1,508         |
| Christian                 | 92.2                        | 5.9                  | 1.9                      | 100.0 | 0.0  | 0.0  | 114           |
| <b>Caste/tribe</b>        |                             |                      |                          |       |  |  |               |
| Scheduled caste           | 84.8                        | 8.9                  | 6.3                      | 100.0 | 2.1  | 0.4  | 566           |
| Scheduled tribe           | 90.9                        | 6.6                  | 2.5                      | 100.0 | 1.8  | 0.1  | 616           |
| Other backward class      | 88.2                        | 5.7                  | 6.1                      | 100.0 | 2.6  | 0.6  | 1,105         |
| Other                     | 88.6                        | 7.5                  | 3.9                      | 100.0 | 2.8  | 0.6  | 2,027         |
| Total age 15-49           | 88.3                        | 7.1                  | 4.6                      | 100.0 | 2.5  | 0.5  | 4,326         |
| Age 50-54                 | 78.2                        | 11.2                 | 10.6                     | 100.0 | 4.9  | 2.5  | 405           |
| Total age 15-54           | 87.4                        | 7.5                  | 5.1                      | 100.0 | 2.7  | 0.7  | 4,731         |

Note: Total includes men belonging to other religions and who don't know their cast/tribe, who are not shown separately.

**Table 94 Tobacco and alcohol use by women and men**

Percentage of women and men age 15-49 by their use of tobacco and alcohol, percent distribution of those who smoke cigarettes or *bidis* by number of cigarettes/*bidis* smoked in the 24 hours preceding the survey, and among those who drink alcohol, the percent distribution of the frequency of alcohol consumption, by residence, Assam, 2019-20

| Tobacco/alcohol use   | Women |         |         | Men     |       |       |
|---|-------|---------|---------|---------|-------|-------|
|   | Urban | Rural   | Total   | Urban   | Rural | Total |
| <b>Use of tobacco/alcohol</b>   |       |         |         |         |       |       |
| Smokes cigarettes   | 0.0   | 0.1     | 0.1     | 26.0    | 19.7  | 20.7  |
| Smokes <i>bidis</i>   | 0.0   | 0.0     | 0.0     | 4.7     | 6.4   | 6.1   |
| Smokes cigars or pipe   | 0.4   | 0.5     | 0.5     | 2.8     | 1.1   | 1.4   |
| Smokes <i>hookah</i>  | 0.0   | 0.0     | 0.0     | 0.0     | 0.4   | 0.3   |
| Chews <i>gutkha</i> or <i>paan masala</i> with tobacco  | 2.2   | 2.6     | 2.5     | 21.5    | 13.2  | 14.5  |
| Uses <i>khaini</i>  | 1.0   | 2.4     | 2.2     | 20.0    | 24.4  | 23.7  |
| Chews paan with tobacco   | 7.6   | 9.6     | 9.3     | 13.3    | 16.1  | 15.6  |
| Uses other chewing tobacco  | 0.0   | 0.4     | 0.3     | 0.5     | 0.8   | 0.7   |
| Uses snuff  | 0.1   | 0.1     | 0.1     | 0.0     | 0.0   | 0.0   |
| Uses other tobacco product  | 0.0   | 0.2     | 0.2     | 0.0     | 0.2   | 0.1   |
| Uses any type of tobacco  | 10.3  | 13.8    | 13.3    | 55.1    | 53.8  | 54.0  |
| Drinks alcohol  | 2.3   | 2.7     | 2.7     | 7.7     | 6.3   | 6.5   |
| Number of respondents   | 5,239 | 29,740  | 34,979  | 715     | 3,835 | 4,551 |
| <b>Among those who smoke cigarettes, number of cigarettes smoked in the past 24 hours</b>     |       |         |         |         |       |       |
| <5  | *     | (95.5)  | (95.7)  | 79.5    | 80.1  | 80.0  |
| 5-9   | *     | (4.5)   | (4.3)   | 16.1    | 8.6   | 10.0  |
| 10-14   | *     | (0.0)   | (0.0)   | 1.0     | 2.2   | 1.9   |
| 15-24   | *     | (0.0)   | (0.0)   | 0.7     | 0.6   | 0.6   |
| 25 or more  | *     | (0.0)   | (0.0)   | 0.1     | 0.1   | 0.1   |
| Missing   | *     | (0.0)   | (0.0)   | 2.6     | 8.5   | 7.4   |
| Total   | *     | (100.0) | (100.0) | 100.0   | 100.0 | 100.0 |
| Number of cigarette smokers   | 1     | 21      | 22      | 186     | 757   | 943   |
| <b>Among those who smoke <i>bidis</i>, number of <i>bidis</i> smoked in the past 24 hours</b> |       |         |         |         |       |       |
| <5  | *     | *       | *       | (5.7)   | 24.8  | 22.5  |
| 5-9   | *     | *       | *       | (26.0)  | 33.1  | 32.3  |
| 10-14   | *     | *       | *       | (51.2)  | 17.5  | 21.5  |
| 15-24   | *     | *       | *       | (14.3)  | 16.6  | 16.3  |
| 25 or more  | *     | *       | *       | (0.0)   | 1.7   | 1.5   |
| Missing   | *     | *       | *       | (2.7)   | 6.4   | 5.9   |
| Total   | *     | *       | *       | (100.0) | 100.0 | 100.0 |
| Number of <i>bidi</i> smokers   | 0     | 12      | 12      | 33      | 246   | 279   |
| <b>Among those who drink alcohol, frequency of drinking</b>                                   |       |         |         |         |       |       |
| Almost every day  | 1.9   | 9.5     | 9.1     | 22.3    | 25.9  | 25.3  |
| About once a week   | 31.7  | 41.9    | 41.4    | 36.8    | 49.8  | 47.7  |
| Less than once a week   | 66.5  | 48.7    | 49.5    | 40.9    | 24.3  | 27.0  |
| Total   | 100.0 | 100.0   | 100.0   | 100.0   | 100.0 | 100.0 |
| Number who drink alcohol  | 88    | 1,832   | 1,920   | 196     | 1,009 | 1,205 |

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 95 Methods of menstrual protection**

Percentage of women age 15-24 who use various methods of menstrual protection and percentage using a hygienic method, according to background characteristics, Assam, 2019-20

| Background characteristic | Type of menstrual protection <sup>1</sup> |                          |                  |            |               |            |            | Percentage using a hygienic method <sup>2</sup> | Number of women |
|---------------------------|---|--------------------------|------------------|------------|---------------|------------|------------|---|-----------------|
|                           | Cloth                                     | Locally prepared napkins | Sanitary napkins | Tampons    | Menstrual cup | Other      | Nothing    |   |                 |
| <b>Age</b>                |   |                          |                  |            |               |            |            |   |                 |
| 15-19                     | 68.7                                      | 14.9                     | 54.6             | 2.5        | 0.9           | 0.8        | 0.4        | 68.5  | 5,680           |
| 20-24                     | 69.3                                      | 13.6                     | 52.2             | 1.8        | 1.0           | 0.7        | 0.5        | 65.3  | 5,764           |
| <b>Residence</b>          |   |                          |                  |            |               |            |            |   |                 |
| Urban                     | 45.9                                      | 12.1                     | 72.6             | 3.7        | 1.1           | 0.5        | 0.3        | 83.4  | 1,482           |
| Rural                     | 72.5                                      | 14.6                     | 50.5             | 1.9        | 0.9           | 0.8        | 0.5        | 64.4  | 9,963           |
| <b>Schooling</b>          |   |                          |                  |            |               |            |            |   |                 |
| No schooling              | 85.0                                      | 11.8                     | 30.2             | 1.7        | 0.4           | 0.0        | 1.2        | 41.1  | 631             |
| <5 years complete         | 85.2                                      | 10.8                     | 30.2             | 0.4        | 0.5           | 0.2        | 0.2        | 39.5  | 556             |
| 5-7 years complete        | 80.4                                      | 15.2                     | 39.9             | 2.5        | 0.7           | 0.6        | 0.4        | 54.6  | 1,563           |
| 8-9 years complete        | 74.6                                      | 13.7                     | 51.0             | 2.0        | 0.7           | 0.7        | 0.3        | 64.2  | 4,551           |
| 10-11 years complete      | 60.0                                      | 15.4                     | 65.1             | 2.3        | 1.4           | 0.8        | 0.5        | 78.8  | 1,882           |
| 12 or more years complete | 49.0                                      | 15.3                     | 70.0             | 2.7        | 1.4           | 1.4        | 0.6        | 84.7  | 2,261           |
| <b>Religion</b>           |   |                          |                  |            |               |            |            |   |                 |
| Hindu                     | 62.8                                      | 14.2                     | 59.6             | 2.2        | 0.9           | 0.7        | 0.6        | 73.4  | 6,461           |
| Muslim                    | 77.9                                      | 14.6                     | 43.7             | 2.1        | 1.0           | 0.9        | 0.2        | 57.3  | 4,615           |
| Christian                 | 67.8                                      | 12.2                     | 64.4             | 1.2        | 0.5           | 0.0        | 0.0        | 72.5  | 333             |
| Other                     | (61.7)                                    | (0.0)                    | (81.0)           | (2.5)      | (0.0)         | (0.0)      | (0.0)      | (83.5)  | 35              |
| <b>Caste/tribe</b>        |   |                          |                  |            |               |            |            |   |                 |
| Scheduled caste           | 72.2                                      | 16.7                     | 50.2             | 3.1        | 1.6           | 1.4        | 0.7        | 67.4  | 1,490           |
| Scheduled tribe           | 63.8                                      | 13.5                     | 63.2             | 2.7        | 0.9           | 0.3        | 0.9        | 75.5  | 1,332           |
| Other backward class      | 63.9                                      | 13.9                     | 59.4             | 1.7        | 0.4           | 0.6        | 0.5        | 72.4  | 2,675           |
| Other                     | 71.6                                      | 14.0                     | 49.3             | 2.0        | 1.0           | 0.8        | 0.3        | 62.4  | 5,922           |
| <b>Total</b>              | <b>69.0</b>                               | <b>14.3</b>              | <b>53.4</b>      | <b>2.2</b> | <b>0.9</b>    | <b>0.8</b> | <b>0.4</b> | <b>66.9</b>                                     | <b>11,445</b>   |

Note: Table is based on women age 15-24 who have ever menstruated. Figures in parentheses are based on 25-49 unweighted cases. Total includes women who don't know their cast/tribe, who are not shown separately.

<sup>1</sup> Respondents may report multiple methods so the sum may exceed 100 percent

<sup>2</sup> Locally prepared napkins, sanitary napkins, tampons, and menstrual cup are considered to be hygienic methods of protection

**Table 96 Employment and cash earnings of women and men**

Percentage of women age 15-49 and men age 15-54 who were employed at any time in the 12 months preceding the survey and percent distribution of women and men employed in the 12 months preceding the survey by type of earnings and type of employment, according to age, Assam, 2019-20

| Age                    | Percentage employed in the past 12 months | Number of respondents | Percent distribution of employed respondents by type of earnings |                  |              |            |            | Percent distribution of employed respondents by sector |             |                 | Number of employed respondents |              |
|------------------------|---|-----------------------|--|------------------|--------------|------------|------------|--|-------------|-----------------|--------------------------------|--------------|
|                        |   |                       | Cash only  | Cash and in-kind | In-kind only | Not paid   | Missing    | Total  | Agriculture | Non-agriculture |                                |              |
| <b>WOMEN</b>           |   |                       |  |                  |              |            |            |  |             |                 |                                |              |
| 15-19                  | 7.4                                       | 825                   | 70.8   | 17.4             | 0.0          | 11.8       | 0.0        | 100.0  | 16.7        | 83.3            | 100.0                          | 61           |
| 20-24                  | 18.1                                      | 810                   | 73.4   | 15.9             | 2.7          | 8.0        | 0.0        | 100.0  | 6.4         | 93.6            | 100.0                          | 146          |
| 25-29                  | 20.4                                      | 881                   | 86.4   | 9.5              | 0.6          | 3.5        | 0.0        | 100.0  | 12.9        | 87.1            | 100.0                          | 179          |
| 30-34                  | 24.1                                      | 729                   | 81.0   | 7.5              | 2.0          | 9.5        | 0.0        | 100.0  | 13.4        | 86.6            | 100.0                          | 176          |
| 35-39                  | 28.5                                      | 759                   | 75.8   | 13.7             | 1.5          | 9.0        | 0.0        | 100.0  | 19.4        | 80.6            | 100.0                          | 217          |
| 40-44                  | 29.3                                      | 591                   | 77.1   | 12.0             | 0.0          | 10.9       | 0.0        | 100.0  | 17.8        | 82.2            | 100.0                          | 173          |
| 45-49                  | 23.1                                      | 606                   | 69.4   | 20.3             | 4.5          | 5.9        | 0.0        | 100.0  | 10.1        | 89.9            | 100.0                          | 140          |
| <b>Total</b>           | <b>21.0</b>                               | <b>5,202</b>          | <b>77.1</b>  | <b>13.1</b>      | <b>1.6</b>   | <b>8.1</b> | <b>0.0</b> | <b>100.0</b>   | <b>14.0</b> | <b>86.0</b>     | <b>100.0</b>                   | <b>1,092</b> |
| <b>MEN</b>             |   |                       |  |                  |              |            |            |  |             |                 |                                |              |
| 15-19                  | 31.2                                      | 739                   | 84.3   | 9.0              | 1.7          | 5.0        | 0.0        | 100.0  | 30.8        | 69.2            | 100.0                          | 231          |
| 20-24                  | 73.4                                      | 661                   | 86.1   | 9.7              | 2.0          | 2.1        | 0.0        | 100.0  | 26.9        | 73.1            | 100.0                          | 485          |
| 25-29                  | 93.3                                      | 682                   | 88.8   | 6.5              | 0.5          | 4.3        | 0.0        | 100.0  | 28.7        | 71.3            | 100.0                          | 637          |
| 30-34                  | 97.4                                      | 635                   | 88.4   | 9.0              | 1.1          | 1.5        | 0.0        | 100.0  | 29.0        | 71.0            | 100.0                          | 619          |
| 35-39                  | 98.3                                      | 627                   | 86.6   | 10.3             | 0.9          | 2.2        | 0.0        | 100.0  | 32.5        | 67.5            | 100.0                          | 616          |
| 40-44                  | 98.6                                      | 586                   | 81.7   | 11.0             | 1.7          | 5.5        | 0.0        | 100.0  | 35.1        | 64.9            | 100.0                          | 578          |
| 45-49                  | 98.2                                      | 619                   | 84.2   | 11.4             | 2.0          | 2.4        | 0.0        | 100.0  | 34.6        | 65.4            | 100.0                          | 608          |
| <b>Total</b>           | <b>82.9</b>                               | <b>4,551</b>          | <b>85.9</b>  | <b>9.6</b>       | <b>1.4</b>   | <b>3.1</b> | <b>0.0</b> | <b>100.0</b>   | <b>31.2</b> | <b>68.8</b>     | <b>100.0</b>                   | <b>3,774</b> |
| Age 50-54              | 96.4                                      | 422                   | 83.8   | 13.1             | 0.5          | 2.6        | 0.0        | 100.0  | 40.6        | 59.4            | 100.0                          | 407          |
| <b>Total age 15-54</b> | <b>84.1</b>                               | <b>4,973</b>          | <b>85.7</b>  | <b>9.9</b>       | <b>1.3</b>   | <b>3.1</b> | <b>0.0</b> | <b>100.0</b>   | <b>32.1</b> | <b>67.9</b>     | <b>100.0</b>                   | <b>4,181</b> |

**Table 97 Control over and magnitude of women's cash earnings**

Percentage of currently married women and men age 15-49 by who decide how women's and men's cash earnings are used and by the magnitude of women's cash earnings compared with their husband's cash earnings, according to background characteristics, Assam, 2019-20

| Background characteristic | Percentage of currently married women who report that they:                     |                          |   |  |  | Percentage of currently married men who report that:              |  |  |  |                          |   |  |
|---------------------------|---|--------------------------|---|--|--|---|--|--|--|--------------------------|---|--|
|                           | Alone or jointly with their husband decide how their own cash earnings are used | Number employed for cash | Alone or jointly with their husband decide how their husband's cash earnings are used | Number of women whose husbands are employed for cash | Earn more or about the same as their husband | Number employed for cash and whose husbands are employed for cash | They alone or jointly with their wife decide how their wife's cash earnings are used | Number of men with wives who are employed for cash | Their wife alone or jointly with them decides how their own cash earnings are used | Number employed for cash | Their wife earns more or about the same as them | Number employed for cash and whose wives are employed for cash |
| <b>Age</b>                |   |                          |   |  |  |   |  |  |  |                          |   |  |
| 15-19                     | *   | 14                       | 66.2  | 129  | *  | 14  | *  | 0  | *  | 10                       | *   | 0  |
| 20-29                     | 84.5  | 221                      | 76.7  | 994  | 40.6   | 183   | 83.2   | 56   | 73.4   | 522                      | 45.0  | 54   |
| 30-39                     | 90.2  | 298                      | 79.1  | 1,118  | 41.3   | 244   | 78.0   | 112  | 80.0   | 1,029                    | 42.4  | 107  |
| 40-49                     | 87.8  | 210                      | 79.2  | 611  | 35.4   | 138   | 76.9   | 134  | 77.5   | 1,066                    | 49.6  | 127  |
| <b>Residence</b>          |   |                          |   |  |  |   |  |  |  |                          |   |  |
| Urban                     | 89.8  | 94                       | 79.5  | 439  | 49.2   | 67  | (69.3)   | 40   | 77.8   | 391                      | (39.9)  | 40   |
| Rural                     | 87.2  | 649                      | 77.4  | 2,413  | 38.4   | 512   | 79.9   | 262  | 77.6   | 2,236                    | 47.0  | 249  |
| <b>Schooling</b>          |   |                          |   |  |  |   |  |  |  |                          |   |  |
| No schooling              | 89.5  | 210                      | 77.4  | 583  | 42.7   | 167   | 85.5   | 68   | 75.8   | 461                      | 51.2  | 63   |
| <5 years complete         | 82.1  | 92                       | 71.2  | 317  | 44.3   | 78  | (70.4)   | 46   | 77.0   | 374                      | (44.4)  | 44   |
| 5-7 years complete        | 89.1  | 78                       | 75.4  | 444  | 34.6   | 61  | (80.4)   | 49   | 74.3   | 418                      | (54.5)  | 48   |
| 8-9 years complete        | 86.5  | 180                      | 76.5  | 772  | 33.6   | 139   | 74.4   | 68   | 78.0   | 628                      | 39.2  | 67   |
| 10-11 years complete      | 82.3  | 82                       | 85.3  | 321  | 46.1   | 62  | (85.0)   | 27   | 80.4   | 265                      | (22.1)  | 25   |
| 12 or more years complete | 93.3  | 101                      | 82.0  | 415  | 37.6   | 71  | 76.4   | 43   | 80.8   | 481                      | 56.2  | 42   |
| <b>Religion</b>           |   |                          |   |  |  |   |  |  |  |                          |   |  |
| Hindu                     | 90.2  | 550                      | 80.4  | 1,729  | 40.6   | 423   | 78.3   | 253  | 78.8   | 1,595                    | 46.8  | 241  |
| Muslim                    | 79.5  | 160                      | 72.6  | 1,045  | 37.6   | 126   | *  | 27   | 75.4   | 961                      | *   | 26   |
| Christian                 | (85.0)  | 32                       | 84.4  | 68   | (35.7)                                       | 29  | *  | 21   | 80.8   | 64                       | *   | 21   |
| <b>Caste/tribe</b>        |   |                          |   |  |  |   |  |  |  |                          |   |  |
| Scheduled caste           | 91.6  | 99                       | 78.8  | 343  | 31.7   | 76  | (77.9)   | 41   | 75.7   | 365                      | (60.0)  | 40   |
| Scheduled tribe           | 90.5  | 101                      | 79.5  | 393  | 36.4   | 78  | 73.3   | 47   | 79.2   | 391                      | 33.0  | 45   |
| Other backward class      | 91.3  | 287                      | 82.7  | 713  | 46.6   | 227   | 82.9   | 132  | 80.7   | 630                      | 48.3  | 124  |
| Other                     | 81.3  | 255                      | 74.5  | 1,401  | 35.9   | 197   | 74.6   | 82   | 76.1   | 1,234                    | 43.0  | 80   |
| <b>Total</b>              | <b>87.5</b>   | <b>743</b>               | <b>77.7</b>   | <b>2,852</b>   | <b>39.6</b>                                  | <b>579</b>  | <b>78.5</b>  | <b>302</b>   | <b>77.6</b>  | <b>2,627</b>             | <b>46.0</b>                                     | <b>289</b>   |

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. Total includes currently married women and men belonging to other religions and who don't know their caste/tribe, who are not shown separately.

**Table 98 Participation in decision making**

Percent distribution of currently married women and men age 15-49 by who usually make decisions about specific issues, by residence, Assam, 2019-20

| Decision                          | According to women, person who usually makes the decision |                                |                |              |       |       | According to men, person who usually makes the decision |                             |             |              |       |       |
|-----------------------------------|---|--------------------------------|----------------|--------------|-------|-------|---|-----------------------------|-------------|--------------|-------|-------|
|                                   | Mainly respondent   | Respondent and husband jointly | Mainly husband | Someone else | Other | Total | Mainly respondent                                       | Respondent and wife jointly | Mainly wife | Someone else | Other | Total |
| URBAN                             |   |                                |                |              |       |       |   |                             |             |              |       |       |
| Own health care                   | 9.1   | 79.7                           | 11.0           | 0.1          | 0.0   | 100.0 | 18.2  | 77.3                        | 4.5         | 0.0          | 0.0   | 100.0 |
| Major household purchases         | 3.9   | 81.5                           | 13.8           | 0.7          | 0.1   | 100.0 | 11.6  | 86.0                        | 1.8         | 0.3          | 0.2   | 100.0 |
| Visits to her family or relatives | 5.3   | 82.9                           | 11.1           | 0.6          | 0.1   | 100.0 | na  | na                          | na          | na           | na    | na    |
| RURAL                             |   |                                |                |              |       |       |   |                             |             |              |       |       |
| Own health care                   | 7.5   | 78.4                           | 13.7           | 0.3          | 0.1   | 100.0 | 22.5  | 72.6                        | 4.4         | 0.5          | 0.0   | 100.0 |
| Major household purchases         | 3.7   | 80.2                           | 15.4           | 0.7          | 0.0   | 100.0 | 16.0  | 82.0                        | 1.3         | 0.6          | 0.1   | 100.0 |
| Visits to her family or relatives | 5.1   | 80.7                           | 13.2           | 1.0          | 0.0   | 100.0 | na  | na                          | na          | na           | na    | na    |
| TOTAL                             |   |                                |                |              |       |       |   |                             |             |              |       |       |
| Own health care                   | 7.8   | 78.6                           | 13.3           | 0.2          | 0.1   | 100.0 | 21.9  | 73.2                        | 4.4         | 0.5          | 0.0   | 100.0 |
| Major household purchases         | 3.7   | 80.4                           | 15.1           | 0.7          | 0.0   | 100.0 | 15.4  | 82.6                        | 1.4         | 0.6          | 0.1   | 100.0 |
| Visits to her family or relatives | 5.1   | 81.0                           | 12.9           | 0.9          | 0.0   | 100.0 | na  | na                          | na          | na           | na    | na    |

na = Not applicable



**Table 99 Decision making by background characteristics**

Percentage of currently married women and currently married men age 15-49 who usually make specific decisions either by themselves or jointly with their spouse, by background characteristics, Assam, 2019-20

| Background characteristic          | Percentage of women who usually make specific decisions alone or jointly with their husband |                                  |                                   | Percentage who participate in all three decisions | Percentage who participate in none of the three decisions | Number of women | Percentage of men who usually make specific decisions alone or jointly with their wife |                                  |  | Percentage who participate in both decisions | Percentage who participate in neither decision | Number of men |
|------------------------------------|---|----------------------------------|-----------------------------------|---|---|-----------------|--|----------------------------------|--|--|--|---------------|
|                                    | Own health care   | Making major household purchases | Visits to her family or relatives |   |   |                 | Own health care  | Making major household purchases | Percentage who participate in both decisions |  |  |               |
| <b>Age</b>                         |   |                                  |                                   |   |   |                 |  |                                  |  |  |  |               |
| 15-19                              | 79.3  | 73.5                             | 80.7                              | 67.1  | 11.1  | 174             | *  | *                                | *  | *  | 10   |               |
| 20-24                              | 83.3  | 83.5                             | 83.2                              | 74.8  | 9.6   | 531             | 94.2   | 97.7                             | 93.4   | 1.5  | 169  |               |
| 25-29                              | 87.5  | 84.9                             | 88.0                              | 79.0  | 7.2   | 763             | 96.7   | 97.4                             | 94.9   | 0.8  | 387  |               |
| 30-39                              | 87.7  | 84.8                             | 86.5                              | 79.3  | 7.6   | 1,370           | 94.8   | 98.0                             | 93.7   | 1.0  | 1,070  |               |
| 40-49                              | 86.6  | 84.6                             | 86.7                              | 78.2  | 7.5   | 1,008           | 95.1   | 98.2                             | 94.2   | 0.9  | 1,146  |               |
| <b>Residence</b>                   |   |                                  |                                   |   |   |                 |  |                                  |  |  |  |               |
| Urban                              | 88.8  | 85.4                             | 88.2                              | 80.5  | 6.1   | 571             | 95.5   | 97.6                             | 93.1   | 0.0  | 394  |               |
| Rural                              | 85.9  | 83.9                             | 85.8                              | 77.3  | 8.2   | 3,276           | 95.1   | 98.0                             | 94.2   | 1.1  | 2,389  |               |
| <b>Schooling</b>                   |   |                                  |                                   |   |   |                 |  |                                  |  |  |  |               |
| No schooling                       | 86.0  | 82.0                             | 85.0                              | 75.9  | 8.9   | 828             | 96.6   | 99.0                             | 96.3   | 0.7  | 486  |               |
| <5 years complete                  | 81.1  | 78.3                             | 81.7                              | 71.4  | 11.8  | 426             | 93.4   | 96.4                             | 92.1   | 2.3  | 393  |               |
| 5-7 years complete                 | 86.0  | 83.4                             | 84.5                              | 76.0  | 7.2   | 556             | 95.6   | 98.3                             | 95.2   | 1.4  | 438  |               |
| 8-9 years complete                 | 86.3  | 84.4                             | 86.3                              | 78.1  | 7.9   | 1,028           | 95.4   | 98.4                             | 94.1   | 0.2  | 671  |               |
| 10-11 years complete               | 87.4  | 85.5                             | 87.5                              | 80.6  | 8.2   | 432             | 93.3   | 96.5                             | 91.1   | 1.3  | 281  |               |
| 12 or more years complete          | 90.4  | 90.3                             | 91.3                              | 84.2  | 4.1   | 576             | 95.2   | 98.1                             | 94.0   | 0.6  | 514  |               |
| <b>Employment (past 12 months)</b> |   |                                  |                                   |   |   |                 |  |                                  |  |  |  |               |
| Employed                           | 86.1  | 85.4                             | 86.4                              | 79.2  | 9.0   | 840             | 95.2   | 98.0                             | 94.1   | 0.9  | 2,747  |               |
| Employed, for cash                 | 85.5  | 84.4                             | 85.5                              | 78.6  | 9.7   | 743             | 95.0   | 97.9                             | 93.9   | 1.0  | 2,627  |               |
| Employed, not for cash             | 91.3  | 93.0                             | 93.4                              | 84.1  | 3.2   | 97              | 98.8   | 99.4                             | 98.2   | 0.0  | 120  |               |
| Not employed                       | 86.4  | 83.7                             | 86.1                              | 77.4  | 7.6   | 3,006           | (92.2)   | (96.0)                           | (92.2)                                       | (4.0)  | 35   |               |
| <b>Number of living children</b>   |   |                                  |                                   |   |   |                 |  |                                  |  |  |  |               |
| 0                                  | 82.5  | 78.9                             | 82.6                              | 72.4  | 9.7   | 400             | 94.9   | 97.6                             | 93.9   | 1.3  | 497  |               |
| 1-2                                | 87.6  | 85.2                             | 87.6                              | 79.4  | 7.3   | 2,320           | 94.7   | 97.8                             | 93.4   | 0.9  | 1,602  |               |
| 3-4                                | 86.0  | 83.9                             | 85.6                              | 77.1  | 8.0   | 950             | 96.3   | 98.5                             | 95.9   | 1.1  | 586  |               |
| 5 or more                          | 80.6  | 82.2                             | 78.2                              | 71.6  | 11.5  | 176             | 95.7   | 100.0                            | 95.7   | 0.0  | 98   |               |

Continued...

**Table 99 Decision making by background characteristics—Continued**

Percentage of currently married women and currently married men age 15-49 who usually make specific decisions either by themselves or jointly with their spouse, by background characteristics, Assam, 2019-20

| Background characteristic              | Percentage of women who usually make specific decisions alone or jointly with their husband |                                  |                                   | Percentage who participate in all three decisions | Percentage who participate in none of the three decisions | Number of women | Percentage of men who usually make specific decisions alone or jointly with their wife |  |             | Number of men |              |
|--|---|----------------------------------|-----------------------------------|---|---|-----------------|--|--|-------------|---------------|--------------|
|  | Own health care   | Making major household purchases | Visits to her family or relatives |   |   |                 | Percentage who participate in both decisions   | Percentage who participate in neither decision |             |               |              |
| <b>Household structure<sup>1</sup></b> |   |                                  |                                   |   |   |                 |  |  |             |               |              |
| Nuclear                                | 87.6  | 85.7                             | 87.4                              | 79.9  | 7.2   | 2,177           | 95.4   | 98.4   | 94.6        | 0.9           | 1,545        |
| Non-nuclear                            | 84.7  | 81.9                             | 84.5                              | 75.0  | 8.8   | 1,669           | 94.8   | 97.5   | 93.4        | 1.1           | 1,162        |
| <b>Religion</b>                        |   |                                  |                                   |   |   |                 |  |  |             |               |              |
| Hindu                                  | 88.3  | 86.6                             | 88.1                              | 80.8  | 6.9   | 2,354           | 94.0   | 97.7   | 92.7        | 1.0           | 1,698        |
| Muslim                                 | 82.9  | 80.1                             | 82.6                              | 72.6  | 9.9   | 1,387           | 97.5   | 98.6   | 96.8        | 0.6           | 1,009        |
| Christian                              | 89.5  | 79.5                             | 88.7                              | 76.3  | 5.6   | 90              | 87.8   | 96.0   | 87.8        | 4.0           | 68           |
| <b>Caste/tribe</b>                     |   |                                  |                                   |   |   |                 |  |  |             |               |              |
| Scheduled caste                        | 88.4  | 86.0                             | 86.5                              | 80.8  | 8.2   | 458             | 93.5   | 96.7   | 91.8        | 1.6           | 375          |
| Scheduled tribe                        | 89.2  | 86.1                             | 89.2                              | 81.1  | 6.3   | 535             | 95.6   | 97.4   | 93.9        | 0.9           | 421          |
| Other backward class                   | 88.9  | 87.2                             | 89.0                              | 81.4  | 5.9   | 975             | 91.3   | 97.9   | 90.7        | 1.5           | 682          |
| Other                                  | 83.8  | 81.5                             | 83.7                              | 74.3  | 9.4   | 1,873           | 97.5   | 98.5   | 96.5        | 0.5           | 1,297        |
| <b>Total</b>                           | <b>86.4</b>   | <b>84.1</b>                      | <b>86.1</b>                       | <b>77.8</b>                                       | <b>7.9</b>  | <b>3,846</b>    | <b>95.1</b>  | <b>98.0</b>                                    | <b>94.1</b> | <b>1.0</b>    | <b>2,782</b> |

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. Total includes women/men belonging to other religions and women/men who don't know their caste/tribe, who are not shown separately.

<sup>1</sup> Nuclear household are households comprised of a married couple or a man or a woman living alone or with unmarried children (biological, adopted, or fostered) with or without unrelated individuals. The remaining households are non-nuclear households.

**Table 100 Women's access to money and credit**

Percentage of women age 15-49 who have access to money, who know of a microcredit programme, and who have taken a loan from a microcredit programme and percentage who are allowed to go to three specified places alone, and among women who own a mobile phone, percentage who use it for financial transactions by background characteristics, Assam, 2019-20

| Background characteristic          | Women's access to money                                   |  | Women's knowledge and use of microcredit programmes |   |  | Number of women | Percentage who use mobile phone for financial transactions | Number of women who have a mobile phone |
|------------------------------------|---|--|---|---|--|-----------------|--|---|
|                                    | Percentage who have money that they can decide how to use | Percentage who have a bank or savings account that they themselves use | Percentage who know of a microcredit programme      | Percentage who have taken a loan from a microcredit programme | Percentage of women allowed to go to three specified places alone <sup>1</sup> |                 |  |   |
| <b>Age</b>                         |   |  |   |   |  |                 |  |   |
| 15-19                              | 13.1  | 52.7   | 52.3  | 2.2   | 18.4   | 825             | 18.5   | 330                                     |
| 20-24                              | 27.0  | 74.0   | 65.2  | 8.7   | 26.8   | 810             | 20.2   | 546                                     |
| 25-29                              | 29.2  | 82.2   | 62.5  | 15.7  | 31.4   | 881             | 21.9   | 587                                     |
| 30-39                              | 33.8  | 87.7   | 64.6  | 19.8  | 42.3   | 1,488           | 17.9   | 923                                     |
| 40-49                              | 33.8  | 85.2   | 65.0  | 15.7  | 42.8   | 1,197           | 17.9   | 591                                     |
| <b>Residence</b>                   |   |  |   |   |  |                 |  |   |
| Urban                              | 35.9  | 81.9   | 64.8  | 11.0  | 43.2   | 813             | 23.0   | 614                                     |
| Rural                              | 27.4  | 77.9   | 62.1  | 14.1  | 32.7   | 4,389           | 18.2   | 2,364                                   |
| <b>Schooling</b>                   |   |  |   |   |  |                 |  |   |
| No schooling                       | 26.7  | 75.5   | 59.4  | 10.8  | 37.5   | 988             | 7.5  | 296                                     |
| <5 years complete                  | 26.9  | 78.6   | 58.2  | 16.1  | 36.1   | 488             | 10.9   | 221                                     |
| 5-7 years complete                 | 25.3  | 76.3   | 62.7  | 15.9  | 31.5   | 701             | 10.3   | 369                                     |
| 8-9 years complete                 | 25.9  | 72.5   | 61.7  | 15.5  | 31.3   | 1,452           | 17.0   | 813                                     |
| 10-11 years complete               | 30.8  | 82.5   | 65.3  | 14.6  | 32.4   | 656             | 19.0   | 480                                     |
| 12 or more years complete          | 37.2  | 89.8   | 67.2  | 10.1  | 38.5   | 916             | 32.2   | 799                                     |
| <b>Employment (past 12 months)</b> |   |  |   |   |  |                 |  |   |
| Employed                           | 52.9  | 87.0   | 63.1  | 19.1  | 50.7   | 1,092           | 28.5   | 643                                     |
| Employed, for cash                 | 55.7  | 87.2   | 63.3  | 18.8  | 51.3   | 986             | 29.1   | 579                                     |
| Employed, not for cash             | 27.2  | 85.9   | 61.0  | 21.9  | 45.3   | 106             | 23.1   | 64                                      |
| Not employed                       | 22.2  | 76.2   | 62.3  | 12.2  | 30.0   | 4,110           | 16.6   | 2,334                                   |
| <b>Number of living children</b>   |   |  |   |   |  |                 |  |   |
| 0                                  | 23.1  | 62.8   | 57.6  | 4.0   | 26.5   | 1,535           | 24.2   | 881                                     |
| 1-2                                | 31.6  | 85.9   | 65.0  | 18.5  | 37.5   | 2,464           | 18.4   | 1,602                                   |
| 3-4                                | 30.9  | 83.8   | 64.6  | 16.7  | 39.1   | 1,010           | 13.2   | 437                                     |
| 5 or more                          | 24.8  | 80.8   | 58.4  | 12.1  | 31.6   | 192             | 10.4   | 57                                      |

*Continued...*

**Table 100 Women's access to money and credit—Continued**

Percentage of women age 15-49 who have access to money, who know of a microcredit programme, and who have taken a loan from a microcredit programme and percentage who are allowed to go to three specified places alone, and among women who own a mobile phone, percentage who use it for financial transactions by background characteristics, Assam, 2019-20

| Background characteristic              | Women's access to money                                   |  | Women's knowledge and use of microcredit programmes |   |  | Number of women | Percentage who use mobile phone for financial transactions | Number of women who have a mobile phone |
|--|---|--|---|---|--|-----------------|--|---|
|  | Percentage who have money that they can decide how to use | Percentage who have a bank or savings account that they themselves use | Percentage who know of a microcredit programme      | Percentage who have taken a loan from a microcredit programme | Percentage of women allowed to go to three specified places alone <sup>1</sup> |                 |  |   |
| <b>Household structure<sup>2</sup></b> |   |  |   |   |  |                 |  |   |
| Nuclear                                | 28.0  | 77.9   | 62.2  | 14.8  | 35.9   | 3,022           | 17.9   | 1,653                                   |
| Non-nuclear                            | 29.7  | 79.2   | 62.9  | 12.0  | 32.2   | 2,180           | 20.8   | 1,324                                   |
| <b>Religion</b>                        |   |  |   |   |  |                 |  |   |
| Hindu                                  | 32.1  | 81.9   | 64.2  | 15.7  | 39.4   | 3,232           | 21.4   | 2,027                                   |
| Muslim                                 | 22.0  | 72.8   | 60.1  | 10.2  | 25.3   | 1,809           | 13.7   | 872                                     |
| Christian                              | 38.5  | 74.0   | 53.6  | 9.3   | 39.2   | 131             | 23.9   | 59                                      |
| Other                                  | (20.6)  | (76.4)   | (55.3)  | (13.6)  | (17.3)   | 30              | (16.1)   | 19                                      |
| <b>Caste/tribe</b>                     |   |  |   |   |  |                 |  |   |
| Scheduled caste                        | 29.7  | 83.6   | 59.1  | 14.3  | 35.5   | 628             | 20.1   | 408                                     |
| Scheduled tribe                        | 32.3  | 81.4   | 66.3  | 14.8  | 37.1   | 719             | 15.8   | 428                                     |
| Other backward class                   | 33.9  | 80.2   | 62.8  | 17.9  | 41.8   | 1,356           | 22.8   | 798                                     |
| Other                                  | 24.5  | 75.4   | 62.1  | 10.8  | 29.2   | 2,492           | 17.9   | 1,343                                   |
| <b>Total</b>                           | <b>28.7</b>   | <b>78.5</b>  | <b>62.5</b>   | <b>13.6</b>   | <b>34.3</b>  | <b>5,202</b>    | <b>19.2</b>  | <b>2,978</b>                            |

Note: Figures in parentheses are based on 25-49 unweighted cases. Total includes women who don't know their caste/tribe, who are not shown separately.

<sup>1</sup> To the market, to the health facility, and to places outside the village/community

<sup>2</sup> Nuclear households are households comprised of a married couple or a man or a woman living alone or with unmarried children (biological, adopted, or fostered) with or without unrelated individuals. The remaining households are non-nuclear households.

**Table 101 Ownership of assets**

Percentage of women and men age 15-49 who own a house or land either alone or jointly, percentage of women who own a mobile phone that they themselves use, and among women who own a mobile phone, percentage who can read SMS messages, according to background characteristics, Assam, 2019-20

| Background characteristic | Women                        |                           |  |                 | Among women who have a mobile phone, percentage who can read SMS messages | Number of women | Men                          |                           |               |
|---------------------------|------------------------------|---------------------------|--|-----------------|---|-----------------|------------------------------|---------------------------|---------------|
|                           | Own a house alone or jointly | Own land alone or jointly | Have a mobile phone that they themselves use | Number of women |   |                 | Own a house alone or jointly | Own land alone or jointly | Number of men |
| <b>Age</b>                |                              |                           |  |                 |   |                 |                              |                           |               |
| 15-19                     | 32.8                         | 27.6                      | 40.0   | 825             | 88.7  | 330             | 51.6                         | 45.0                      | 739           |
| 20-24                     | 36.9                         | 31.8                      | 67.4   | 810             | 82.3  | 546             | 61.1                         | 55.0                      | 661           |
| 25-29                     | 39.2                         | 32.1                      | 66.6   | 881             | 74.0  | 587             | 68.5                         | 58.9                      | 682           |
| 30-34                     | 43.4                         | 35.3                      | 63.0   | 729             | 70.5  | 460             | 81.2                         | 67.6                      | 635           |
| 35-39                     | 47.8                         | 38.2                      | 61.0   | 759             | 62.9  | 463             | 81.9                         | 69.3                      | 627           |
| 40-44                     | 46.6                         | 38.6                      | 52.8   | 591             | 55.2  | 312             | 88.4                         | 73.3                      | 586           |
| 45-49                     | 53.3                         | 44.4                      | 46.1   | 606             | 50.0  | 279             | 93.2                         | 80.6                      | 619           |
| <b>Residence</b>          |                              |                           |  |                 |   |                 |                              |                           |               |
| Urban                     | 36.3                         | 24.8                      | 75.4   | 813             | 80.5  | 614             | 66.7                         | 48.3                      | 715           |
| Rural                     | 43.2                         | 36.7                      | 53.9   | 4,389           | 68.1  | 2,364           | 75.7                         | 66.4                      | 3,835         |
| <b>Religion</b>           |                              |                           |  |                 |   |                 |                              |                           |               |
| Hindu                     | 41.1                         | 34.5                      | 62.7   | 3,232           | 76.0  | 2,027           | 73.4                         | 64.8                      | 2,838         |
| Muslim                    | 44.0                         | 35.3                      | 48.2   | 1,809           | 58.2  | 872             | 75.9                         | 61.5                      | 1,576         |
| Christian                 | 45.5                         | 38.4                      | 45.2   | 131             | 68.6  | 59              | 72.6                         | 61.3                      | 119           |
| Other                     | (28.6)                       | (29.6)                    | (63.6)                                       | 30              | (81.4)  | 19              | (72.3)                       | (52.8)                    | 17            |
| <b>Caste/tribe</b>        |                              |                           |  |                 |   |                 |                              |                           |               |
| Scheduled caste           | 49.3                         | 41.5                      | 64.9   | 628             | 70.0  | 408             | 70.8                         | 59.9                      | 592           |
| Scheduled tribe           | 38.7                         | 32.7                      | 59.5   | 719             | 72.7  | 428             | 79.5                         | 72.7                      | 646           |
| Other backward class      | 39.3                         | 33.3                      | 58.8   | 1,356           | 77.6  | 798             | 73.5                         | 66.6                      | 1,166         |
| Other                     | 42.9                         | 34.6                      | 53.9   | 2,492           | 66.1  | 1,343           | 73.9                         | 59.9                      | 2,133         |
| <b>Schooling</b>          |                              |                           |  |                 |   |                 |                              |                           |               |
| No schooling              | 46.2                         | 38.2                      | 29.9   | 988             | 6.9   | 296             | 80.7                         | 69.9                      | 570           |
| <5 years complete         | 45.4                         | 36.5                      | 45.2   | 488             | 16.9  | 221             | 83.5                         | 66.4                      | 471           |
| 5-7 years complete        | 48.3                         | 39.2                      | 52.6   | 701             | 49.0  | 369             | 73.5                         | 62.0                      | 671           |
| 8-9 years complete        | 42.1                         | 35.0                      | 56.0   | 1,452           | 78.0  | 813             | 72.2                         | 62.3                      | 1,225         |
| 10-11 years complete      | 38.2                         | 32.4                      | 73.2   | 656             | 93.1  | 480             | 71.1                         | 59.8                      | 567           |
| 12 or more years complete | 34.2                         | 28.5                      | 87.2   | 916             | 98.1  | 799             | 71.1                         | 63.2                      | 1,046         |

Continued...

**Table 101 Ownership of assets—Continued**

Percentage of women and men age 15-49 who own a house or land either alone or jointly, percentage of women who own a mobile phone that they themselves use, and among women who own a mobile phone, percentage who can read SMS messages, according to background characteristics, Assam, 2019-20

| Background characteristic              | Women                        |                           |  | Number of women | Among women who have a mobile phone, percentage who can read SMS messages | Number of women | Men                          |                           | Number of men |
|--|------------------------------|---------------------------|--|-----------------|---|-----------------|------------------------------|---------------------------|---------------|
|  | Own a house alone or jointly | Own land alone or jointly | Have a mobile phone that they themselves use |                 |   |                 | Own a house alone or jointly | Own land alone or jointly |               |
| <b>Household structure<sup>1</sup></b> |                              |                           |  |                 |   |                 |                              |                           |               |
| Nuclear                                | 43.9                         | 35.4                      | 54.7   | 3,022           | 66.0  | 1,653           | 76.5                         | 64.7                      | 2,477         |
| Non-nuclear                            | 39.8                         | 34.0                      | 60.8   | 2,180           | 76.4  | 1,324           | 73.8                         | 63.5                      | 1,750         |
| Total age 15-49                        | 42.2                         | 34.8                      | 57.2   | 5,202           | 70.6  | 2,978           | 74.2                         | 63.5                      | 4,551         |
| Age 50-54                              | na                           | na                        | na   | na              | na  | na              | 91.1                         | 78.3                      | 422           |
| Total age 15-54                        | na                           | na                        | na   | na              | na  | na              | 75.7                         | 64.8                      | 4,973         |

Note: Figures in parentheses are based on 25-49 unweighted cases. Total includes women and men who don't know their caste/tribe, who are not shown separately.

na = Not applicable

<sup>1</sup> Nuclear households are households comprised of a married couple or a man or a woman living alone or with unmarried children (biological, adopted or fostered) with or without unrelated individuals. The remaining households are non-nuclear households.

**Table 102 Gender role attitudes**

Percentage of women and men age 15-49 with specific attitudes toward wife beating and refusal by a wife to have sex with her husband by reason, and percentage of men age 15-49 who agree that a man can behave in specific ways if his wife refuses to have sex with him, according to marital status, Assam, 2019-20

| Reason/behaviour  | Ever-married |       | Never married |       | Total |       |
|---|--------------|-------|---------------|-------|-------|-------|
|   | Women        | Men   | Women         | Men   | Women | Men   |
| <b>Percentage who agree that a husband is justified in hitting or beating his wife if:</b>              |              |       |               |       |       |       |
| She goes out without telling him  | 10.0         | 8.8   | 10.2          | 14.6  | 10.0  | 11.0  |
| She neglects the house or children  | 14.6         | 14.1  | 14.9          | 16.7  | 14.7  | 15.1  |
| She argues with him   | 14.8         | 14.1  | 14.2          | 15.7  | 14.7  | 14.7  |
| She refuses to have sexual intercourse with him   | 7.3          | 6.4   | 6.5           | 8.5   | 7.1   | 7.2   |
| She doesn't cook properly   | 8.9          | 4.2   | 7.2           | 8.2   | 8.5   | 5.7   |
| He suspects her of being unfaithful   | 13.4         | 13.4  | 14.7          | 16.5  | 13.7  | 14.6  |
| She shows disrespect for in-laws  | 20.6         | 21.5  | 20.1          | 22.0  | 20.5  | 21.7  |
| Percentage who agree with at least one specified reason   | 32.5         | 35.5  | 30.5          | 38.0  | 32.1  | 36.4  |
| <b>Percentage who agree that a wife is justified in refusing to have sex with her husband when she:</b> |              |       |               |       |       |       |
| Knows her husband has a sexually transmitted disease  | 87.6         | 84.3  | 79.3          | 80.2  | 85.8  | 82.8  |
| Knows her husband has sex with other women  | 88.4         | 80.7  | 79.8          | 76.9  | 86.5  | 79.3  |
| Is tired or not in the mood   | 82.5         | 79.7  | 74.8          | 74.4  | 80.8  | 77.7  |
| Percentage who agree with all three reasons   | 78.5         | 71.6  | 69.7          | 66.5  | 76.6  | 69.7  |
| Percentage who agree with none of the three reasons   | 8.5          | 9.4   | 16.0          | 13.4  | 10.1  | 10.9  |
| <b>Percentage who agree that when a wife refuses to have sex with her husband, he has the right to:</b> |              |       |               |       |       |       |
| Get angry and reprimand her   | na           | 20.3  | na            | 17.0  | na    | 19.1  |
| Refuse to give her financial support  | na           | 17.0  | na            | 14.5  | na    | 16.1  |
| Use force to have sex even if she doesn't want to   | na           | 16.3  | na            | 13.1  | na    | 15.1  |
| Have sex with another woman   | na           | 16.6  | na            | 13.5  | na    | 15.4  |
| Percentage who agree with all four behaviours   | na           | 11.1  | na            | 8.4   | na    | 10.1  |
| Percentage who agree with none of the four behaviours   | na           | 72.5  | na            | 76.4  | na    | 74.0  |
| Number of respondents   | 4,085        | 2,827 | 1,117         | 1,724 | 5,202 | 4,551 |

na = Not applicable

**Table 103 Gender role attitudes by background characteristics**

Percentage of women and men age 15-49 who agree that a husband is justified in hitting or beating his wife for at least one specified reason, who agree that a wife is justified in refusing to have sex with her husband for all specified reasons, and percentage of men who agree that when a wife refuses to have sex with her husband, the husband does not have the right to any of the four specified behaviours, by background characteristics, Assam, 2019-20

| Background characteristic           | Percentage who agree that a husband is justified in hitting or beating his wife for at least one specified reason <sup>1</sup> |        | Percentage who agree that a wife is justified in refusing to have sex with her husband for all specified reasons <sup>2</sup> |        | Percentage who agree that when a wife refuses to have sex with her husband, he does not have the right to any of the four specified behaviours <sup>3</sup> | Number |       |
|-------------------------------------|--|--------|---|--------|---|--------|-------|
|                                     | Women  | Men    | Women   | Men    | Men   | Women  | Men   |
| <b>Age</b>                          |  |        |   |        |   |        |       |
| 15-19                               | 29.0   | 38.2   | 71.3  | 67.7   | 72.0  | 825    | 739   |
| 20-24                               | 32.6   | 40.9   | 75.0  | 69.4   | 71.6  | 810    | 661   |
| 25-29                               | 32.5   | 39.4   | 80.3  | 66.4   | 68.3  | 881    | 682   |
| 30-39                               | 32.4   | 35.1   | 77.9  | 71.4   | 70.3  | 1,488  | 1,262 |
| 40-49                               | 33.3   | 32.5   | 76.9  | 71.2   | 70.3  | 1,197  | 1,206 |
| <b>Residence</b>                    |  |        |   |        |   |        |       |
| Urban                               | 26.7   | 26.3   | 75.1  | 66.1   | 71.2  | 813    | 715   |
| Rural                               | 33.1   | 38.3   | 76.9  | 70.3   | 70.3  | 4,389  | 3,835 |
| <b>Schooling</b>                    |  |        |   |        |   |        |       |
| No schooling                        | 36.6   | 39.7   | 72.0  | 72.7   | 72.2  | 988    | 570   |
| <5 years complete                   | 35.4   | 41.6   | 71.1  | 67.2   | 68.6  | 488    | 471   |
| 5-7 years complete                  | 39.0   | 42.6   | 76.6  | 68.4   | 67.9  | 701    | 671   |
| 8-9 years complete                  | 30.5   | 36.3   | 77.6  | 72.0   | 69.7  | 1,452  | 1,225 |
| 10-11 years complete                | 30.7   | 33.4   | 79.0  | 68.1   | 71.9  | 656    | 567   |
| 12 or more years complete           | 23.6   | 30.1   | 81.1  | 68.2   | 72.3  | 916    | 1,046 |
| <b>Employment (past 12 months)</b>  |  |        |   |        |   |        |       |
| Employed                            | 36.2   | 37.0   | 75.9  | 70.0   | 70.0  | 1,092  | 3,774 |
| Employed, for cash                  | 36.5   | 37.5   | 76.1  | 70.0   | 71.3  | 986    | 3,604 |
| Employed, not for cash              | 34.3   | 27.7   | 74.5  | 70.1   | 43.8  | 106    | 169   |
| Not employed                        | 31.0   | 33.5   | 76.8  | 67.9   | 72.6  | 4,110  | 777   |
| <b>Marital status</b>               |  |        |   |        |   |        |       |
| Never married                       | 30.5   | 38.0   | 69.7  | 66.5   | 70.7  | 1,117  | 1,724 |
| Currently married                   | 32.9   | 35.3   | 78.8  | 71.8   | 70.5  | 3,846  | 2,782 |
| Widowed/divorced/separated/deserted | 26.3   | (48.3) | 72.7  | (60.1) | (63.4)  | 238    | 45    |

*Continued...*



**Table 103 Gender role attitudes by background characteristics—Continued**

Percentage of women and men age 15-49 who agree that a husband is justified in hitting or beating his wife for at least one specified reason, who agree that a wife is justified in refusing to have sex with her husband for all specified reasons, and percentage of men who agree that when a wife refuses to have sex with her husband, the husband does not have the right to any of the four specified behaviours, by background characteristics, Assam, 2019-20

| Background characteristic              | Percentage who agree that a husband is justified in hitting or beating his wife for at least one specified reason <sup>1</sup> |             | Percentage who agree that a wife is justified in refusing to have sex with her husband for all specified reasons <sup>2</sup> |             | Percentage who agree that when a wife refuses to have sex with her husband, he does not have the right to any of the four specified behaviours <sup>3</sup> | Number       |              |
|--|--|-------------|---|-------------|---|--------------|--------------|
|  | Women  | Men         | Women   | Men         | Men   | Women        | Men          |
| <b>Number of living children</b>       |  |             |   |             |   |              |              |
| 0                                      | 30.1   | 38.6        | 71.7  | 65.8        | 71.2  | 1,535        | 2,236        |
| 1-2                                    | 31.1   | 33.0        | 79.9  | 74.2        | 70.3  | 2,464        | 1,618        |
| 3-4                                    | 34.9   | 35.7        | 78.5  | 71.3        | 70.1  | 1,010        | 595          |
| 5 or more                              | 46.2   | 45.5        | 62.9  | 74.9        | 59.7  | 192          | 101          |
| <b>Household structure<sup>4</sup></b> |  |             |   |             |   |              |              |
| Nuclear                                | 32.6   | 36.9        | 77.0  | 70.3        | 70.9  | 3,022        | 2,644        |
| Non-nuclear                            | 31.4   | 35.7        | 76.0  | 68.8        | 69.9  | 2,180        | 1,906        |
| <b>Religion</b>                        |  |             |   |             |   |              |              |
| Hindu                                  | 28.0   | 32.4        | 77.9  | 71.5        | 71.1  | 3,232        | 2,838        |
| Muslim                                 | 40.6   | 44.6        | 73.7  | 66.1        | 69.3  | 1,809        | 1,576        |
| Christian                              | 18.4   | 23.4        | 82.1  | 76.8        | 69.6  | 131          | 119          |
| Other                                  | (14.6)   | (37.8)      | (87.0)  | (53.4)      | (74.6)  | 30           | 17           |
| <b>Caste/tribe</b>                     |  |             |   |             |   |              |              |
| Scheduled caste                        | 39.6   | 33.7        | 75.4  | 71.9        | 69.1  | 628          | 592          |
| Scheduled tribe                        | 25.8   | 33.0        | 78.8  | 74.2        | 72.9  | 719          | 646          |
| Other backward class                   | 24.5   | 30.8        | 78.3  | 75.4        | 71.5  | 1,356        | 1,166        |
| Other                                  | 36.2   | 41.3        | 75.3  | 64.6        | 69.8  | 2,492        | 2,133        |
| <b>Total</b>                           | <b>32.1</b>  | <b>36.4</b> | <b>76.6</b>   | <b>69.7</b> | <b>70.5</b>   | <b>5,202</b> | <b>4,551</b> |

Note: Figures in parentheses are based on 25-49 unweighted cases. Total includes women and men who don't know their caste/tribe, who are not shown separately.

<sup>1</sup> Specified reasons are: she goes out without telling him, she neglects the house or children, she argues with him, she refuses to have sexual intercourse with him, she doesn't cook properly, he suspects she is unfaithful, and she shows disrespect for in-laws.

<sup>2</sup> Specified reasons are: knows husband has a sexually transmitted disease, knows husband has sex with other women, and is tired or not in the mood.

<sup>3</sup> Specified behaviours are: gets angry and reprimands her, refuses to give her financial support, uses force to have sex, and has sex with another woman.

<sup>4</sup> Nuclear households are households comprised of a married couple or a man or a woman living alone or with unmarried children (biological, adopted, or fostered) with or without unrelated individuals. The remaining households are non-nuclear households.

**Table 104 Experience of physical and sexual violence**

Percentage of women age 18-49 who have ever experienced physical or sexual violence; among those who have experienced physical violence, the person committing the violence; and among those who have experienced sexual violence, the person committing the violence the first time, by marital status, Assam, 2019-20

| Type of violence/perpetrator                            | Ever-married | Never married | Total |
|---|--------------|---------------|-------|
| <b>Type of violence experienced</b>                     |              |               |       |
| Physical violence only                                  | 28.8         | 16.3          | 27.0  |
| Sexual violence only                                    | 1.0          | 0.8           | 0.9   |
| Physical and sexual violence                            | 7.0          | 0.0           | 6.0   |
| Physical or sexual violence                             | 36.8         | 17.2          | 34.0  |
| Number of women   | 3,252        | 534           | 3,786 |
| <b>Person committing physical violence<sup>1</sup></b>  |              |               |       |
| Current husband   | 87.3         | na            | 81.2  |
| Former husband  | 0.4          | na            | 0.4   |
| Father/step-father                                      | 10.5         | 36.5          | 12.3  |
| Mother/step-mother                                      | 21.2         | 70.6          | 24.7  |
| Sister/brother  | 5.9          | 34.0          | 7.8   |
| Daughter/son  | 0.4          | 0.0           | 0.4   |
| Other relative  | 1.1          | 0.6           | 1.0   |
| Current boyfriend                                       | 0.4          | 0.0           | 0.3   |
| Mother-in-law   | 0.2          | na            | 0.1   |
| Other-in-law  | 0.1          | na            | 0.1   |
| Teacher   | 0.6          | 6.7           | 1.0   |
| Other   | 0.2          | 0.0           | 0.1   |
| Number who experienced physical violence since age 15   | 1,164        | 87            | 1,251 |
| <b>Person committing sexual violence the first time</b> |              |               |       |
| Current husband   | 90.2         | na            | 88.8  |
| Former husband  | 0.2          | na            | 0.2   |
| Current/former boyfriend                                | 0.2          | *             | 0.2   |
| Father/step-father                                      | 0.8          | *             | 1.8   |
| Other relative  | 3.7          | *             | 3.7   |
| Own friend/acquaintance                                 | 0.7          | *             | 0.7   |
| Family friend   | 1.7          | *             | 1.7   |
| Teacher   | 0.0          | *             | 0.6   |
| Police/soldier  | 0.5          | *             | 0.5   |
| Priest/religious leader                                 | 0.2          | *             | 0.2   |
| Other   | 1.7          | *             | 1.6   |
| Number who experienced sexual violence                  | 260          | 4             | 264   |

Note: All women were asked about their experience of physical violence since age 15. Ever-married women were also asked about their experience of spousal physical violence at any age. An asterisk indicates that a figure is based on fewer than 25 unweighted cases and has been suppressed.

na = Not applicable

<sup>1</sup> Women can report more than one person who committed the violence

**Table 105 Experience of violence during pregnancy**

Among women age 18-49 who have ever been pregnant, percentage who have ever experienced physical violence during pregnancy, by background characteristics, Assam, 2019-20

| Background characteristic           | Percentage who experienced violence during pregnancy | Number of women who have ever been pregnant |
|-------------------------------------|--|---|
| <b>Age</b>                          |  |   |
| 18-19                               | 0.0  | 73  |
| 20-24                               | 1.9  | 362   |
| 25-29                               | 3.1  | 543   |
| 30-39                               | 1.6  | 1,167                                       |
| 40-49                               | 2.9  | 939   |
| <b>Residence</b>                    |  |   |
| Urban                               | 2.2  | 437   |
| Rural                               | 2.3  | 2,647                                       |
| <b>Marital status</b>               |  |   |
| Never married                       | *  | 4   |
| Currently married                   | 2.1  | 2,918                                       |
| Widowed/divorced/separated/deserted | 6.0  | 161   |
| <b>Number of living children</b>    |  |   |
| 0                                   | 2.0  | 121   |
| 1-2                                 | 1.8  | 1,926                                       |
| 3-4                                 | 3.8  | 869   |
| 5 or more                           | 0.0  | 167   |
| <b>Schooling</b>                    |  |   |
| No schooling                        | 4.0  | 749   |
| <5 years complete                   | 3.4  | 365   |
| 5-7 years complete                  | 2.4  | 452   |
| 8-9 years complete                  | 1.2  | 775   |
| 10-11 years complete                | 1.7  | 346   |
| 12 or more years complete           | 0.5  | 397   |
| <b>Religion</b>                     |  |   |
| Hindu                               | 2.0  | 1,890                                       |
| Muslim                              | 2.7  | 1,102                                       |
| Christian                           | 2.4  | 77  |
| <b>Caste/tribe</b>                  |  |   |
| Scheduled caste                     | 2.2  | 368   |
| Scheduled tribe                     | 1.5  | 425   |
| Other backward class                | 2.8  | 814   |
| Other                               | 2.2  | 1,469                                       |
| Total                               | 2.3  | 3,083                                       |

Note: An asterisk indicates that a figure is based on fewer than 25 unweighted cases and has been suppressed. Total includes women belonging to other religions and who don't know their caste/tribe, who are not shown separately.

**Table 106 Forms of spousal violence**

Percentage of ever-married women age 18-49 who have experienced various forms of violence committed by their husband ever and in the 12 months preceding the survey, Assam, 2019-20

| Type of violence  | Ever <sup>1</sup> | In the past 12 months |           |                    |
|---|-------------------|-----------------------|-----------|--------------------|
|   |                   | Often                 | Sometimes | Often or sometimes |
| <b>Physical violence</b>  |                   |                       |           |                    |
| Any form of physical violence   | 31.3              | 3.9                   | 20.9      | 24.8               |
| Pushed her, shook her, or threw something at her  | 12.4              | 1.3                   | 8.9       | 10.2               |
| Twisted her arm or pulled her hair  | 9.9               | 1.3                   | 6.7       | 8.0                |
| Slapped her   | 27.5              | 2.2                   | 17.7      | 19.9               |
| Punched her with his fist or with something that could hurt her                         | 7.4               | 0.9                   | 4.9       | 5.9                |
| Kicked her, dragged her, or beat her up   | 6.0               | 0.9                   | 3.6       | 4.5                |
| Tried to choke her or burn her on purpose   | 2.4               | 0.5                   | 1.5       | 1.9                |
| Threatened her or attacked her with a knife, gun, or any other weapon                   | 1.2               | 0.2                   | 0.9       | 1.2                |
| <b>Sexual violence</b>  |                   |                       |           |                    |
| Any form of sexual violence   | 7.0               | 1.6                   | 4.5       | 6.1                |
| Physically forced her to have sexual intercourse with him even when she did not want to | 5.3               | 1.2                   | 3.6       | 4.8                |
| Physically forced her to perform any sexual acts she did not want to                    | 2.0               | 0.4                   | 1.5       | 1.9                |
| Forced her with threats or in any other way to perform sexual acts she did not want to  | 3.5               | 0.8                   | 2.1       | 2.9                |
| <b>Emotional violence</b>   |                   |                       |           |                    |
| Any form of emotional violence  | 11.8              | 2.1                   | 8.4       | 10.5               |
| Said or did something to humiliate her in front of others                               | 6.6               | 1.1                   | 4.7       | 5.8                |
| Threatened to hurt or harm her or someone close to her                                  | 5.1               | 1.0                   | 3.5       | 4.5                |
| Insulted her or made her feel bad about herself   | 6.7               | 1.0                   | 4.8       | 5.8                |
| Any form of physical and/or sexual violence   | 32.0              | 4.8                   | 21.2      | 26.0               |
| Any form of physical and sexual violence  | 6.3               | 0.7                   | 4.2       | 4.9                |
| Any form of physical and/or sexual and/or emotional violence                            | 34.0              | 6.1                   | 22.1      | 28.2               |
| Any form of physical and sexual and emotional violence                                  | 3.2               | 0.2                   | 2.4       | 2.6                |
| Any violence by women against their husband <sup>2</sup>                                | 4.2               | 0.6                   | 3.0       | 3.6                |
| Number of ever-married women  | 3,252             | 3,252                 | 3,252     | 3,252              |

Note: Husband refers to the current husband for currently married women and the most recent husband for widowed, divorced, separated, or deserted women.

<sup>1</sup> Includes in the past 12 months

<sup>2</sup> Any violence by women against their husband when he was not already beating or physically hurting her

**Table 107 Spousal violence by background characteristics**

Percentage of ever-married women age 18-49 by whether they have ever experienced emotional, physical, or sexual violence committed by their husband, according to background characteristics, Assam, 2019-20

| Background characteristic              | Emotional violence | Physical violence | Sexual violence | Physical or sexual violence | Emotional, physical, or sexual violence | Number of women |
|--|--------------------|-------------------|-----------------|-----------------------------|---|-----------------|
| <b>Age</b>                             |                    |                   |                 |                             |   |                 |
| 18-19                                  | 6.8                | 28.1              | 8.7             | 28.6                        | 29.7                                    | 103             |
| 20-24                                  | 10.2               | 28.7              | 4.9             | 29.3                        | 30.1                                    | 408             |
| 25-29                                  | 10.1               | 29.2              | 5.2             | 29.8                        | 32.3                                    | 584             |
| 30-39                                  | 12.4               | 33.3              | 8.0             | 34.1                        | 36.4                                    | 1,188           |
| 40-49                                  | 13.3               | 31.5              | 7.4             | 32.1                        | 34.4                                    | 969             |
| <b>Residence</b>                       |                    |                   |                 |                             |   |                 |
| Urban                                  | 10.6               | 26.2              | 7.0             | 26.6                        | 28.0                                    | 461             |
| Rural                                  | 12.0               | 32.1              | 7.0             | 32.9                        | 35.0                                    | 2,791           |
| <b>Schooling</b>                       |                    |                   |                 |                             |   |                 |
| No schooling                           | 14.5               | 40.5              | 8.0             | 41.2                        | 42.8                                    | 769             |
| <5 years complete                      | 17.2               | 38.6              | 12.3            | 39.6                        | 42.3                                    | 373             |
| 5-7 years complete                     | 12.0               | 31.4              | 8.5             | 32.9                        | 35.4                                    | 464             |
| 8-9 years complete                     | 10.5               | 28.2              | 5.0             | 28.5                        | 30.4                                    | 845             |
| 10-11 years complete                   | 11.1               | 30.1              | 6.5             | 30.9                        | 33.4                                    | 359             |
| 12 or more years complete              | 5.2                | 15.9              | 3.0             | 16.1                        | 17.8                                    | 442             |
| <b>Employment (past 12 months)</b>     |                    |                   |                 |                             |   |                 |
| Not employed                           | 8.8                | 27.5              | 6.0             | 28.0                        | 29.6                                    | 2,474           |
| Employed for cash                      | 21.6               | 43.7              | 9.9             | 45.1                        | 49.1                                    | 704             |
| Employed not for cash                  | 20.5               | 39.5              | 12.2            | 39.5                        | 40.9                                    | 74              |
| <b>Marital status</b>                  |                    |                   |                 |                             |   |                 |
| Currently married                      | 11.5               | 31.0              | 6.7             | 31.7                        | 33.7                                    | 3,082           |
| Widowed                                | 7.8                | 24.9              | 5.2             | 25.4                        | 26.6                                    | 129             |
| Divorced/separated/deserted            | (49.4)             | (71.8)            | (31.5)          | (75.5)                      | (81.8)                                  | 41              |
| <b>Marital duration<sup>1</sup></b>    |                    |                   |                 |                             |   |                 |
| Married only once                      | 11.8               | 31.2              | 6.8             | 31.9                        | 34.0                                    | 3,225           |
| 0-4 years                              | 9.4                | 23.9              | 4.6             | 24.0                        | 25.4                                    | 512             |
| 5-9 years                              | 8.5                | 27.6              | 5.3             | 28.6                        | 30.5                                    | 602             |
| 10 or more years                       | 13.4               | 34.0              | 7.8             | 34.8                        | 37.1                                    | 2,111           |
| Married more than once                 | (7.8)              | (39.2)            | (19.3)          | (39.2)                      | (39.2)                                  | 27              |
| <b>Number of living children</b>       |                    |                   |                 |                             |   |                 |
| 0                                      | 9.5                | 25.2              | 5.3             | 25.2                        | 26.0                                    | 291             |
| 1-2                                    | 10.2               | 27.8              | 5.4             | 28.6                        | 31.0                                    | 1,926           |
| 3-4                                    | 14.5               | 38.8              | 9.5             | 39.4                        | 41.6                                    | 869             |
| 5 or more                              | 19.7               | 42.9              | 14.3            | 44.1                        | 44.4                                    | 166             |
| <b>Household structure<sup>2</sup></b> |                    |                   |                 |                             |   |                 |
| Nuclear                                | 12.8               | 33.2              | 7.5             | 34.0                        | 36.0                                    | 1,881           |
| Non-nuclear                            | 10.5               | 28.7              | 6.1             | 29.2                        | 31.3                                    | 1,371           |
| <b>Religion</b>                        |                    |                   |                 |                             |   |                 |
| Hindu                                  | 9.9                | 29.1              | 5.9             | 29.9                        | 31.6                                    | 2,001           |
| Muslim                                 | 15.1               | 35.3              | 9.2             | 35.9                        | 38.2                                    | 1,155           |
| Christian                              | 10.4               | 28.3              | 2.1             | 28.5                        | 33.8                                    | 80              |

Continued...

**Table 107 Spousal violence by background characteristics—Continued**

Percentage of ever-married women age 18-49 by whether they have ever experienced emotional, physical, or sexual violence committed by their husband, according to background characteristics, Assam, 2019-20

| Background characteristic                  | Emotional violence | Physical violence | Sexual violence | Physical or sexual violence | Emotional, physical, or sexual violence | Number of women |
|--|--------------------|-------------------|-----------------|-----------------------------|---|-----------------|
| <b>Caste/tribe</b>                         |                    |                   |                 |                             |   |                 |
| Scheduled caste                            | 13.6               | 29.7              | 6.5             | 31.0                        | 35.3                                    | 402             |
| Scheduled tribe                            | 8.6                | 32.5              | 5.0             | 32.7                        | 33.9                                    | 440             |
| Other backward class                       | 10.4               | 31.4              | 6.2             | 32.1                        | 33.7                                    | 853             |
| Other                                      | 13.0               | 31.3              | 8.1             | 32.0                        | 34.0                                    | 1,550           |
| <b>Respondent's father beat her mother</b> |                    |                   |                 |                             |   |                 |
| Yes  | 20.6               | 62.6              | 15.4            | 62.9                        | 65.3                                    | 488             |
| No   | 10.0               | 25.0              | 5.4             | 25.8                        | 27.8                                    | 2,619           |
| Don't know                                 | 15.7               | 39.3              | 5.9             | 39.3                        | 40.9                                    | 145             |
| <b>Total</b>                               | <b>11.8</b>        | <b>31.3</b>       | <b>7.0</b>      | <b>32.0</b>                 | <b>34.0</b>                             | <b>3,252</b>    |

Note: Husband refers to the current husband for currently married women and the most recent husband for widowed, divorced, separated, or deserted women. Figures in parentheses are based on 25-49 unweighted cases. Total includes women who don't know their caste/tribe, who are not shown separately.

<sup>1</sup> Currently married women only

<sup>2</sup> Nuclear households are households comprised of a married couple or a man or a woman living alone or with unmarried children (biological, adopted, or fostered) with or without unrelated individuals. The remaining households are non-nuclear households.

**Table 108 Spousal violence by husband's characteristics and empowerment indicators**

Percentage of ever-married women age 18-49 who have ever suffered emotional, physical, or sexual violence committed by their husband, according to his characteristics, marital characteristics, and selected empowerment indicators, Assam, 2019-20

| Background characteristic  | Emotional violence | Physical violence | Sexual violence | Physical or sexual violence | Emotional, physical, or sexual violence | Number of women |
|--|--------------------|-------------------|-----------------|-----------------------------|---|-----------------|
| <b>Husband's schooling</b>   |                    |                   |                 |                             |   |                 |
| No schooling   | 16.3               | 41.0              | 8.8             | 41.7                        | 43.5                                    | 691             |
| <5 years complete  | 12.8               | 34.7              | 9.6             | 36.0                        | 38.5                                    | 445             |
| 5-7 years complete   | 15.2               | 34.7              | 9.5             | 35.0                        | 37.6                                    | 488             |
| 8-9 years complete   | 10.2               | 29.4              | 5.5             | 30.2                        | 32.1                                    | 734             |
| 10-11 years complete   | 10.1               | 21.6              | 3.6             | 22.2                        | 24.4                                    | 325             |
| 12 or more years complete  | 5.8                | 20.8              | 4.3             | 21.2                        | 22.9                                    | 559             |
| <b>Husband's alcohol consumption</b>   |                    |                   |                 |                             |   |                 |
| Does not drink   | 10.6               | 25.9              | 5.5             | 26.6                        | 28.8                                    | 2,356           |
| Gets drunk sometimes   | 12.3               | 42.6              | 9.3             | 43.4                        | 44.7                                    | 635             |
| Gets drunk often   | 22.9               | 54.7              | 15.4            | 54.8                        | 57.3                                    | 244             |
| <b>Spousal age difference<sup>1</sup></b>                                    |                    |                   |                 |                             |   |                 |
| Wife older   | 16.6               | 29.2              | 9.1             | 31.9                        | 40.8                                    | 48              |
| Wife is same age   | 5.0                | 36.6              | 3.5             | 37.5                        | 38.9                                    | 101             |
| Wife 1-4 years younger   | 10.1               | 28.4              | 7.2             | 29.4                        | 30.9                                    | 983             |
| Wife 5-9 years younger   | 12.4               | 34.1              | 6.6             | 34.5                        | 36.7                                    | 1,241           |
| Wife 10 or more years younger  | 12.3               | 28.6              | 6.5             | 29.0                        | 31.3                                    | 710             |
| <b>Spousal schooling difference</b>  |                    |                   |                 |                             |   |                 |
| Husband has more schooling   | 10.9               | 30.1              | 7.4             | 30.8                        | 33.0                                    | 1,164           |
| Wife has more schooling  | 12.1               | 29.9              | 7.2             | 30.7                        | 32.9                                    | 1,006           |
| Both have equal schooling  | 11.0               | 25.8              | 5.1             | 26.5                        | 28.7                                    | 629             |
| Neither attended school  | 15.0               | 44.0              | 8.0             | 44.5                        | 45.6                                    | 442             |
| <b>Number of marital control behaviours displayed by husband<sup>2</sup></b> |                    |                   |                 |                             |   |                 |
| 0  | 4.8                | 21.5              | 3.1             | 21.8                        | 22.5                                    | 2,047           |
| 1-2  | 17.0               | 44.0              | 10.9            | 45.4                        | 49.3                                    | 883             |
| 3-4  | 27.6               | 56.9              | 19.7            | 57.4                        | 59.6                                    | 206             |
| 5-6  | 67.3               | 60.9              | 23.2            | 63.5                        | 77.0                                    | 116             |
| <b>Number of decisions in which women participate<sup>3</sup></b>            |                    |                   |                 |                             |   |                 |
| 0  | 24.9               | 35.1              | 10.5            | 35.9                        | 41.7                                    | 230             |
| 1-2  | 18.6               | 41.3              | 11.6            | 41.4                        | 43.6                                    | 430             |
| 3  | 8.9                | 28.8              | 5.5             | 29.6                        | 31.2                                    | 2,423           |
| <b>Number of reasons for which wife-beating is justified<sup>4</sup></b>     |                    |                   |                 |                             |   |                 |
| 0  | 7.5                | 23.2              | 4.4             | 23.8                        | 25.0                                    | 2,180           |
| 1-2  | 16.7               | 43.4              | 8.7             | 43.8                        | 47.8                                    | 586             |
| 3-4  | 25.3               | 55.6              | 14.2            | 57.1                        | 60.6                                    | 316             |
| 5-6  | 20.6               | 58.1              | 16.5            | 60.1                        | 61.8                                    | 95              |
| 7  | 29.2               | 34.3              | 23.9            | 36.4                        | 41.3                                    | 74              |

*Continued...*

**Table 108 Spousal violence by husband's characteristics and empowerment indicators—Continued**

Percentage of ever-married women age 18-49 who have ever suffered emotional, physical, or sexual violence committed by their husband, according to his characteristics, marital characteristics, and selected empowerment indicators, Assam, 2019-20

| Background characteristic   | Emotional violence | Physical violence | Sexual violence | Physical or sexual violence | Emotional, physical, or sexual violence | Number of women |
|---|--------------------|-------------------|-----------------|-----------------------------|---|-----------------|
| <b>Number of reasons given for refusing to have sexual intercourse with husband<sup>5</sup></b> |                    |                   |                 |                             |   |                 |
| 0   | 22.2               | 28.7              | 8.1             | 30.2                        | 31.9                                    | 272             |
| 1-2   | 16.3               | 37.7              | 10.7            | 38.5                        | 42.1                                    | 452             |
| 3   | 9.9                | 30.4              | 6.2             | 31.0                        | 32.8                                    | 2,529           |
| <b>Afraid of husband</b>  |                    |                   |                 |                             |   |                 |
| Most of the time  | 31.1               | 59.9              | 23.4            | 60.3                        | 63.2                                    | 284             |
| Sometimes   | 11.0               | 31.6              | 5.8             | 32.3                        | 34.4                                    | 2,422           |
| Never   | 5.1                | 15.2              | 3.5             | 15.8                        | 17.1                                    | 546             |
| <b>Total</b>  | <b>11.8</b>        | <b>31.3</b>       | <b>7.0</b>      | <b>32.0</b>                 | <b>34.0</b>                             | <b>3,252</b>    |

Note: Husband refers to the current husband for currently married women and the most recent husband for widowed, divorced, separated, or deserted women. Total includes women whose husbands drink alcohol but never gets drunk, who are not shown separately.

<sup>1</sup> Currently married women only

<sup>2</sup> Behaviours include: Is jealous or angry if she talks to other men, frequently 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, and does not trust her with any money

<sup>3</sup> Currently married women only. Decisions included are decisions about own health care, major household purchases, and visits to her family or relatives.

<sup>4</sup> Reasons given for which wife beating is justified include: she goes out without telling him, she neglects the house or children, she argues with him, she refuses to have sexual intercourse with him, she doesn't cook properly, he suspects she is unfaithful, and she shows disrespect for in-laws

<sup>5</sup> Reasons given for refusing to have sexual intercourse with husband include: she knows her husband has a sexually transmitted disease, she knows her husband has sex with other women, and she is tired or not in the mood



Table 109 Injuries to women due to spousal violence

Percentage of ever-married women age 18-49 who have experienced spousal violence by types of injuries resulting from what their husband did to them, the type of violence, and whether they have experienced the violence ever and in the 12 months preceding the survey, Assam, 2019-20

| Type of spousal violence experienced            | Percentage of women who have had: |              |   |  |                       | Number of ever-married women |
|---|-----------------------------------|--------------|---|--|-----------------------|------------------------------|
|   | Cuts, bruises, or aches           | Severe burns | Eye injuries, sprains, dislocations, or minor burns | Deep wounds, broken bones, broken teeth, or any other serious injury | Any of these injuries |                              |
| <b>Experienced physical violence</b>            |                                   |              |   |  |                       |                              |
| Ever <sup>1</sup>                               | 23.1                              | 5.1          | 7.4   | 5.4  | 25.5                  | 1,017                        |
| In the past 12 months                           | 24.2                              | 5.7          | 8.2   | 5.8  | 26.9                  | 807                          |
| <b>Experienced sexual violence</b>              |                                   |              |   |  |                       |                              |
| Ever <sup>1</sup>                               | 31.4                              | 8.7          | 17.9  | 8.8  | 35.8                  | 226                          |
| In the past 12 months                           | 29.8                              | 7.0          | 16.8  | 9.3  | 33.4                  | 199                          |
| <b>Experienced physical or sexual violence</b>  |                                   |              |   |  |                       |                              |
| Ever <sup>1</sup>                               | 22.6                              | 5.1          | 7.2   | 5.3  | 25.0                  | 1,040                        |
| In the past 12 months                           | 23.3                              | 5.6          | 7.9   | 5.6  | 25.8                  | 846                          |
| <b>Experienced physical and sexual violence</b> |                                   |              |   |  |                       |                              |
| Ever <sup>1</sup>                               | 34.6                              | 9.4          | 19.9  | 9.8  | 39.2                  | 203                          |
| In the past 12 months                           | 36.2                              | 8.0          | 20.4  | 11.5   | 40.4                  | 160                          |

Note: Husband refers to the current husband for currently married women and the most recent husband for widowed, divorced, separated, or deserted women.

<sup>1</sup> Includes violence in the past 12 months

**Table 110 Help seeking**

Percentage of women age 18-49 who have ever experienced physical or sexual violence by whether they have ever sought help, and among those who have sought help from any source, the source from which help was sought, according to the type of violence experienced and marital status, Assam, 2019-20

| Source   | Type of violence experienced |             |                          | Marital status |               | Total |
|--|------------------------------|-------------|--------------------------|----------------|---------------|-------|
|  | Physical only                | Sexual only | Both physical and sexual | Ever-married   | Never married |       |
| <b>Help seeking</b>  |                              |             |                          |                |               |       |
| Never sought help and never told anyone                            | 84.4                         | (91.7)      | 65.3                     | 80.9           | 85.2          | 81.2  |
| Never sought help but told someone                                 | 9.0                          | (1.5)       | 11.8                     | 9.1            | 12.0          | 9.3   |
| Sought help  | 6.6                          | (6.8)       | 22.9                     | 10.0           | 2.8           | 9.5   |
| Don't know/missing   | 0.0                          | (0.0)       | 0.0                      | 0.0            | 0.0           | 0.0   |
| Number of women who experienced violence                           | 1,023                        | 36          | 229                      | 1,195          | 92            | 1,287 |
| <b>Sources of help among those who sought any help<sup>1</sup></b> |                              |             |                          |                |               |       |
| Own family   | 37.2                         | *           | (52.5)                   | 43.5           | *             | 43.6  |
| Husband's family   | 38.3                         | *           | (34.6)                   | 37.8           | *             | 37.0  |
| Current/former husband   | 3.9                          | *           | (0.0)                    | 2.2            | *             | 2.1   |
| Current/former boyfriend   | 0.0                          | *           | (0.0)                    | 0.0            | *             | 0.0   |
| Friend   | 13.3                         | *           | (10.7)                   | 11.6           | *             | 12.4  |
| Neighbour  | 12.5                         | *           | (14.0)                   | 13.2           | *             | 13.3  |
| Religious leader   | 1.0                          | *           | (1.6)                    | 1.3            | *             | 1.2   |
| Doctor/medical personnel   | 0.0                          | *           | (9.9)                    | 4.3            | *             | 4.2   |
| Police   | 12.6                         | *           | (8.2)                    | 10.7           | *             | 10.5  |
| Lawyer   | 0.0                          | *           | (0.0)                    | 0.0            | *             | 0.0   |
| Social service organization  | 0.0                          | *           | (7.9)                    | 3.5            | *             | 3.4   |
| Other  | 0.0                          | *           | (7.7)                    | 3.4            | *             | 3.3   |
| Number of women who experienced violence and sought help           | 67                           | 2           | 52                       | 119            | 3             | 122   |

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 can report more than one source from which they sought help.

## APPENDIX

### ESTIMATES OF SAMPLING ERRORS

The estimates from a sample survey are affected by two types of errors: (1) non-sampling errors, and (2) sampling errors. Non-sampling 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 fifth National Family Health Survey (NFHS-5) to minimize this type of error, non-sampling 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 NFHS-5 is only one of many samples that could have been selected from the same population, using the same design and expected 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.

A 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 percent of all possible samples of identical size and design.

If the sample of respondents had been selected as a simple random sample, it would have been possible to use straightforward formulas for calculating sampling errors. However, the NFHS-5 sample is the result of a multi-stage stratified design, and, consequently, it was necessary to use more complex formulae. The computer software used to calculate sampling errors for NFHS-5 is programmed in SAS. This procedure uses the Taylor linearization method for variance estimation for survey estimates that are means or proportions. The Jackknife repeated replication method is used for variance estimation of more complex statistics such as total fertility rates and child mortality rates.

The Taylor linearization method treats any proportion 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 formulae. Each replication considers *all but one* cluster in the calculation of the estimates. Pseudo-independent replications are thus created. In the NFHS-5 sample for Assam, there were 1386 clusters. Hence, 1386 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 1386 clusters,  
 $r_{(i)}$  is the estimate computed from the reduced sample of 1385 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 computed, which 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. The relative standard error (SE/R) and confidence limits ( $R \pm 2SE$ ) for each estimate are also computed.

Sampling errors for NFHS-5 are calculated for selected variables considered to be of primary interest. The results are presented in this appendix for Assam as a whole and for the urban and rural areas of the state. For each variable, the type of statistic (mean, proportion, rate, or ratio) and the base population are given in Table A.1. Tables A.2-A4 present the total, urban, and rural values of the statistic (R), their standard errors (SE), the number of unweighted (N) and weighted (WN) cases, the design effect (DEFT), the relative standard error (SE/R), and the 95 percent confidence limits ( $R \pm 2SE$ ) for each variable. The DEFT is considered undefined when the standard error for a simple random sample is zero (when the estimate is close to 0 or 1).

**Table A.1 List of variables for sampling errors, Andhra Pradesh, 2019-20**

| Variable  | Estimate   | Base population   |
|---|------------|---|
| HOUSEHOLDS  |            |   |
| Using an improved source of drinking water                  | Proportion | Households  |
| Using an improved sanitation facility                       | Proportion | Households  |
| Using iodized salt  | Proportion | Households  |
| Sex ratio (females per 1,000 males)                         | Ratio      | <i>De facto</i> household population, all ages                  |
| WOMEN   |            |   |
| No schooling (Females age 6 years and above)                | Proportion | <i>De facto</i> household population of females age 6 and above |
| Urban residence   | Proportion | Women age 15-49   |
| No schooling (Women age 15-49)                              | Proportion | Women age 15-49   |
| Completed 10 or more years of schooling                     | Proportion | Women age 15-49   |
| Never married, including married <i>gauna</i> not performed | Proportion | Women age 15-49   |
| Currently married   | Proportion | Women age 15-49   |
| Married before age 18                                       | Proportion | Women age 20-49   |
| Currently using any contraceptive method                    | Proportion | Currently married women age 15-49                               |
| Currently using a modern contraceptive method               | Proportion | Currently married women age 15-49                               |
| Currently using a traditional contraceptive method          | Proportion | Currently married women age 15-49                               |
| Currently using pill  | Proportion | Currently married women age 15-49                               |
| Currently using IUD/PPIUD                                   | Proportion | Currently married women age 15-49                               |
| Currently using condom/ <i>Nirodh</i>                       | Proportion | Currently married women age 15-49                               |
| Currently using female sterilization                        | Proportion | Currently married women age 15-49                               |
| Using public health sector source of contraception          | Proportion | Women age 15-49 currently using modern methods of contraception |
| Unmet need for family planning                              | Proportion | Currently married women age 15-49                               |
| Want no more children                                       | Proportion | Currently married women age 15-49                               |
| Want to delay next birth at least 2 years                   | Proportion | Currently married women age 15-49                               |
| Mother received four or more antenatal care (ANC) visits    | Proportion | Women with at least one birth in last five years (last birth)   |
| Took iron and folic acid (IFA) for 100 days or more         | Proportion | Women with at least one birth in last five years (last birth)   |
| Birth registration  | Proportion | <i>De jure</i> children under age 5 years                       |
| Births delivered by a skilled provider                      | Proportion | Births in last 5 years  |
| Institutional delivery                                      | Proportion | Births in last 5 years  |
| Postnatal check for mother within 2 days of birth           | Proportion | Women with at least one birth in last five years (last birth)   |
| Postnatal check for newborn within 2 days of birth          | Proportion | Women with at least one birth in last five years (last birth)   |
| Exclusive breastfeeding                                     | Proportion | Children under age 6 months                                     |
| Children with diarrhoea in the last two weeks               | Proportion | Children under age 5 years                                      |
| Treated with oral rehydration salt (ORS) packets            | Proportion | Children under age 5 years with diarrhoea in last 2 weeks       |
| Children with diarrhoea taken to a health provider          | Proportion | Children under age 5 years with diarrhoea in last 2 weeks       |
| Child received BCG vaccination                              | Proportion | Children age 12-23 months                                       |
| Child received penta or DPT vaccination (3 doses)           | Proportion | Children age 12-23 months                                       |
| Child received polio vaccination (3 doses)                  | Proportion | Children age 12-23 months                                       |
| Child received first dose of measles vaccine                | Proportion | Children age 12-23 months                                       |
| Child received hepatitis B vaccination (3 doses)            | Proportion | Children age 12-23 months                                       |
| Child with all basic vaccinations                           | Proportion | Children age 12-23 months                                       |
| Height-for-age, stunting (below -2SD)                       | Proportion | Children under age 5 years who were measured                    |
| Weight-for-height, wasting (below -2SD)                     | Proportion | Children under age 5 years who were measured                    |
| Weight-for-age, underweight (below -2SD)                    | Proportion | Children under age 5 years who were measured                    |
| Children with any anaemia                                   | Proportion | Children age 6-59 months with an anaemia test                   |
| Non-pregnant women with any anaemia                         | Proportion | Women age 15-49 with an anaemia test                            |
| Body mass index (BMI) < 18.5 kg/m <sup>2</sup>              | Proportion | Women age 15-49 who were measured                               |
| Body mass index (BMI) ≥ 25.0 kg/m <sup>2</sup>              | Proportion | Women age 15-49 who were measured                               |
| Waist-to-hip ratio ≥ 0.85                                   | Proportion | Women age 15-49 who were measured                               |
| Have heard of HIV or AIDS                                   | Proportion | Women age 15-49   |
| Have comprehensive knowledge about HIV/AIDS                 | Proportion | Women age 15-49   |
| Ever experienced physical or sexual violence                | Proportion | Women age 15-49   |
| Total fertility rate (last 3 years)                         | Rate       | Women   |
| Neonatal mortality  | Rate       | Births in last 5 years  |
| Postneonatal mortality                                      | Rate       | Births in last 5 years  |
| Infant mortality  | Rate       | Births in last 5 years  |
| Child mortality   | Rate       | Births in last 5 years  |
| Under-five mortality  | Rate       | Births in last 5 years  |
| MEN   |            |   |
| No schooling (Males age 6 years and above)                  | Proportion | <i>De facto</i> household population of males age 6 and above   |
| Urban residence   | Proportion | Men age 15-49   |
| No schooling (Men age 15-49)                                | Proportion | Men age 15-49   |
| Completed 10 or more years of schooling                     | Proportion | Men age 15-49   |
| Never married, including married <i>gauna</i> not performed | Proportion | Men age 15-49   |
| Currently married   | Proportion | Men age 15-49   |
| Married before age 21                                       | Proportion | Men age 25-49   |
| Want no more children                                       | Proportion | Currently married men age 15-49                                 |
| Want to delay next birth at least 2 years                   | Proportion | Currently married men age 15-49                                 |
| Men with any anaemia  | Proportion | Men age 15-49 with an anaemia test                              |
| Body mass index (BMI) < 18.5 kg/m <sup>2</sup>              | Proportion | Men age 15-49 who were measured                                 |
| Body mass index (BMI) ≥ 25.0 kg/m <sup>2</sup>              | Proportion | Men age 15-49 who were measured                                 |
| Waist-to-hip ratio ≥ 0.90                                   | Proportion | Men age 15-49 who were measured                                 |
| Have heard of HIV or AIDS                                   | Proportion | Men age 15-49   |
| Have comprehensive knowledge about HIV/AIDS                 | Proportion | Men age 15-49   |

**Table A.2 Sampling errors: Total sample, Assam, 2019-20**

| Variable  | Value (R) | Standard error (SE) | Number of cases |               | Design effect (DEFT) | Relative standard error (SE/R) | Confidence limits |          |
|---|-----------|---------------------|-----------------|---------------|----------------------|--------------------------------|-------------------|----------|
|   |           |                     | Unweighted (N)  | Weighted (WN) |                      |                                | R-2SE             | R+2SE    |
| HOUSEHOLDS  |           |                     |                 |               |                      |                                |                   |          |
| Using an improved source of drinking water                  | 0.864     | 0.005               | 30119           | 30119         | 2.758                | 0.006                          | 0.853             | 0.874    |
| Using an improved sanitation facility                       | 0.673     | 0.006               | 30119           | 30119         | 2.257                | 0.009                          | 0.661             | 0.685    |
| Using iodized salt  | 0.988     | 0.001               | 30071           | 30074         | 1.825                | 0.001                          | 0.986             | 0.99     |
| Sex ratio (females per 1,000 males)                         | 1011.812  | 5.007               | 64478           | 63926         | 1.248                | 0.005                          | 1001.797          | 1021.826 |
| WOMEN   |           |                     |                 |               |                      |                                |                   |          |
| No schooling (Females age 6 years and above)                | 0.218     | 0.003               | 58745           | 58383         | 1.99                 | 0.016                          | 0.211             | 0.225    |
| Urban residence   | 0.15      | 0.003               | 34979           | 34979         | 1.696                | 0.022                          | 0.143             | 0.156    |
| No schooling (Women age 15-49)                              | 0.186     | 0.004               | 34979           | 34979         | 2.088                | 0.023                          | 0.177             | 0.194    |
| Completed 10 or more years of schooling                     | 0.296     | 0.006               | 34979           | 34979         | 2.277                | 0.019                          | 0.285             | 0.307    |
| Never married, including married <i>gauna</i> not performed | 0.222     | 0.003               | 34979           | 34979         | 1.255                | 0.013                          | 0.216             | 0.227    |
| Currently married   | 0.734     | 0.003               | 34979           | 34979         | 1.334                | 0.004                          | 0.728             | 0.74     |
| Married before age 18                                       | 0.335     | 0.005               | 29368           | 29299         | 1.661                | 0.014                          | 0.325             | 0.344    |
| Currently using any contraceptive method                    | 0.608     | 0.006               | 25715           | 25673         | 1.834                | 0.009                          | 0.597             | 0.619    |
| Currently using a modern contraceptive method               | 0.453     | 0.006               | 25715           | 25673         | 1.848                | 0.013                          | 0.442             | 0.465    |
| Currently using a traditional contraceptive method          | 0.155     | 0.004               | 25715           | 25673         | 1.721                | 0.025                          | 0.147             | 0.163    |
| Currently using pill  | 0.275     | 0.005               | 25715           | 25673         | 1.853                | 0.019                          | 0.265             | 0.286    |
| Currently using IUD/PPIUD                                   | 0.029     | 0.002               | 25715           | 25673         | 1.511                | 0.054                          | 0.026             | 0.033    |
| Currently using condom/ <i>Nirodh</i>                       | 0.049     | 0.002               | 25715           | 25673         | 1.549                | 0.043                          | 0.044             | 0.053    |
| Currently using female sterilization                        | 0.09      | 0.003               | 25715           | 25673         | 1.617                | 0.032                          | 0.084             | 0.095    |
| Using public health sector source of contraception          | 0.491     | 0.009               | 11819           | 11732         | 1.932                | 0.018                          | 0.473             | 0.509    |
| Unmet need for family planning                              | 0.11      | 0.003               | 25715           | 25673         | 1.46                 | 0.026                          | 0.104             | 0.115    |
| Want no more children                                       | 0.664     | 0.004               | 25715           | 25673         | 1.26                 | 0.006                          | 0.657             | 0.672    |
| Want to delay next birth at least 2 years                   | 0.12      | 0.003               | 25715           | 25673         | 1.376                | 0.023                          | 0.115             | 0.126    |
| Mother received four or more antenatal care (ANC) visits    | 0.507     | 0.009               | 9247            | 9275          | 1.742                | 0.018                          | 0.489             | 0.525    |
| Took iron and folic acid (IFA) for 100 days or more         | 0.475     | 0.009               | 9247            | 9275          | 1.804                | 0.02                           | 0.456             | 0.493    |
| Birth registration  | 0.963     | 0.003               | 10573           | 10671         | 1.412                | 0.003                          | 0.957             | 0.968    |
| Births delivered by a skilled provider                      | 0.861     | 0.008               | 10645           | 10681         | 2.095                | 0.009                          | 0.846             | 0.877    |
| Institutional delivery                                      | 0.841     | 0.008               | 10645           | 10681         | 2.088                | 0.01                           | 0.824             | 0.857    |
| Postnatal check for mother within 2 days of birth           | 0.694     | 0.008               | 9247            | 9275          | 1.718                | 0.012                          | 0.678             | 0.71     |
| Postnatal check for newborn within 2 days of birth          | 0.721     | 0.008               | 9247            | 9275          | 1.694                | 0.011                          | 0.705             | 0.737    |
| Exclusive breastfeeding                                     | 0.636     | 0.021               | 934             | 952           | 1.319                | 0.032                          | 0.595             | 0.677    |
| Children with diarrhoea in the last two weeks               | 0.055     | 0.003               | 10285           | 10323         | 1.462                | 0.061                          | 0.048             | 0.061    |
| Treated with oral rehydration salt (ORS) packets            | 0.691     | 0.025               | 546             | 564           | 1.254                | 0.036                          | 0.641             | 0.741    |
| Children with diarrhoea taken to a health provider          | 0.535     | 0.026               | 546             | 564           | 1.194                | 0.048                          | 0.484             | 0.586    |
| Child received BCG vaccination                              | 0.925     | 0.007               | 1965            | 1967          | 1.185                | 0.008                          | 0.911             | 0.939    |
| Child received penta or DPT vaccination (3 doses)           | 0.817     | 0.011               | 1965            | 1967          | 1.217                | 0.013                          | 0.795             | 0.838    |
| Child received polio vaccination (3 doses)                  | 0.734     | 0.013               | 1965            | 1967          | 1.249                | 0.017                          | 0.709             | 0.759    |
| Child received first dose of measles vaccine                | 0.828     | 0.011               | 1965            | 1967          | 1.32                 | 0.014                          | 0.805             | 0.851    |
| Child received hepatitis B vaccination (3 doses)            | 0.751     | 0.012               | 1965            | 1967          | 1.222                | 0.016                          | 0.726             | 0.775    |
| Child with all basic vaccinations                           | 0.664     | 0.013               | 1965            | 1967          | 1.186                | 0.019                          | 0.639             | 0.69     |
| Height-for-age, stunting (below -2SD)                       | 0.353     | 0.007               | 9670            | 9758          | 1.423                | 0.02                           | 0.339             | 0.367    |
| Weight-for-height, wasting (below -2SD)                     | 0.217     | 0.006               | 9381            | 9443          | 1.316                | 0.026                          | 0.206             | 0.229    |
| Weight-for-age, underweight (below -2SD)                    | 0.328     | 0.007               | 9983            | 10071         | 1.392                | 0.021                          | 0.314             | 0.341    |
| Children with any anaemia                                   | 0.684     | 0.009               | 6628            | 6772          | 1.494                | 0.013                          | 0.667             | 0.701    |
| Non-pregnant women with any anaemia                         | 0.659     | 0.004               | 33843           | 33870         | 1.695                | 0.007                          | 0.65              | 0.667    |
| Body mass index (BMI) < 18.5 kg/m <sup>2</sup>              | 0.176     | 0.004               | 32648           | 32633         | 1.779                | 0.021                          | 0.169             | 0.184    |
| Body mass index (BMI) ≥ 25.0 kg/m <sup>2</sup>              | 0.152     | 0.004               | 32648           | 32633         | 1.779                | 0.023                          | 0.145             | 0.159    |
| Waist-to-hip ratio ≥ 0.85                                   | 0.671     | 0.006               | 32620           | 32592         | 2.475                | 0.01                           | 0.658             | 0.684    |
| Have heard of HIV or AIDS                                   | 0.94      | 0.006               | 5314            | 5202          | 1.788                | 0.006                          | 0.929             | 0.952    |
| Have comprehensive knowledge about HIV/AIDS                 | 0.192     | 0.01                | 5314            | 5202          | 1.878                | 0.053                          | 0.172             | 0.213    |
| Ever experienced physical or sexual violence                | 0.34      | 0.015               | 3786            | 3786          | 1.915                | 0.043                          | 0.31              | 0.369    |
| Total fertility rate (last 3 years)                         | 1.873     | 0.03                | 99613           | 99422         | 1.314                | 0.016                          | 1.813             | 1.933    |
| Neonatal mortality  | 22.48     | 1.929               | 10664           | 10696         | 1.224                | 0.086                          | 18.621            | 26.339   |
| Postneonatal mortality                                      | 9.453     | 1.133               | 10669           | 10697         | 1.17                 | 0.12                           | 7.186             | 11.72    |
| Infant mortality  | 31.933    | 2.217               | 10674           | 10707         | 1.202                | 0.069                          | 27.498            | 36.367   |
| Child mortality   | 7.427     | 0.984               | 10911           | 10911         | 1.256                | 0.133                          | 5.458             | 9.395    |
| Under-five mortality  | 39.122    | 2.384               | 10713           | 10752         | 1.194                | 0.061                          | 34.355            | 43.89    |
| MEN   |           |                     |                 |               |                      |                                |                   |          |
| No schooling (Males age 6 years and above)                  | 0.137     | 0.003               | 58045           | 57494         | 1.915                | 0.021                          | 0.131             | 0.142    |
| Urban residence   | 0.157     | 0.005               | 4559            | 4551          | 0.969                | 0.033                          | 0.147             | 0.168    |
| No schooling (Men age 15-49)                                | 0.125     | 0.008               | 4559            | 4551          | 1.644                | 0.064                          | 0.109             | 0.141    |
| Completed 10 or more years of schooling                     | 0.355     | 0.012               | 4559            | 4551          | 1.742                | 0.035                          | 0.33              | 0.379    |
| Never married, including married <i>gauna</i> not performed | 0.379     | 0.01                | 4559            | 4551          | 1.329                | 0.025                          | 0.36              | 0.398    |
| Currently married   | 0.611     | 0.01                | 4559            | 4551          | 1.326                | 0.016                          | 0.592             | 0.631    |
| Married before age 21                                       | 0.165     | 0.008               | 3194            | 3150          | 1.285                | 0.051                          | 0.148             | 0.182    |
| Want no more children                                       | 0.627     | 0.012               | 2842            | 2782          | 1.287                | 0.019                          | 0.603             | 0.65     |
| Want to delay next birth at least 2 years                   | 0.167     | 0.009               | 2842            | 2782          | 1.294                | 0.054                          | 0.148             | 0.185    |
| Men with any anaemia  | 0.36      | 0.011               | 4322            | 4324          | 1.459                | 0.031                          | 0.338             | 0.383    |
| Body mass index (BMI) < 18.5 kg/m <sup>2</sup>              | 0.134     | 0.007               | 4379            | 4384          | 1.288                | 0.051                          | 0.12              | 0.148    |
| Body mass index (BMI) ≥ 25.0 kg/m <sup>2</sup>              | 0.162     | 0.007               | 4379            | 4384          | 1.238                | 0.046                          | 0.147             | 0.177    |
| Waist-to-hip ratio ≥ 0.90                                   | 0.448     | 0.015               | 4379            | 4384          | 1.945                | 0.033                          | 0.419             | 0.478    |
| Have heard of HIV or AIDS                                   | 0.979     | 0.005               | 4559            | 4551          | 2.188                | 0.005                          | 0.969             | 0.988    |
| Have comprehensive knowledge about HIV/AIDS                 | 0.253     | 0.014               | 4559            | 4551          | 2.21                 | 0.056                          | 0.225             | 0.281    |

**Table A.3 Sampling errors: Urban sample, Assam, 2019-20**

| Variable  | Value (R) | Standard error (SE) | Number of cases |               | Design effect (DEFT) | Relative standard error (SE/R) | Confidence limits |          |
|---|-----------|---------------------|-----------------|---------------|----------------------|--------------------------------|-------------------|----------|
|   |           |                     | Unweighted (N)  | Weighted (WN) |                      |                                | R-2SE             | R+2SE    |
| HOUSEHOLDS  |           |                     |                 |               |                      |                                |                   |          |
| Using an improved source of drinking water                  | 0.922     | 0.012               | 3988            | 4913          | 2.764                | 0.013                          | 0.898             | 0.945    |
| Using an improved sanitation facility                       | 0.673     | 0.016               | 3988            | 4913          | 2.124                | 0.023                          | 0.642             | 0.705    |
| Using iodized salt  | 0.996     | 0.001               | 3977            | 4897          | 1.135                | 0.001                          | 0.993             | 0.998    |
| Sex ratio (females per 1,000 males)                         | 982.205   | 14.447              | 7703            | 9346          | 1.275                | 0.015                          | 953.311           | 1011.099 |
| WOMEN   |           |                     |                 |               |                      |                                |                   |          |
| No schooling (Females age 6 years and above)                | 0.121     | 0.009               | 7133            | 8505          | 2.183                | 0.072                          | 0.104             | 0.139    |
| No schooling (Women age 15-49)                              | 0.094     | 0.01                | 4291            | 5239          | 2.146                | 0.102                          | 0.075             | 0.113    |
| Completed 10 or more years of schooling                     | 0.49      | 0.018               | 4291            | 5239          | 2.329                | 0.036                          | 0.455             | 0.526    |
| Never married, including married <i>gauna</i> not performed | 0.264     | 0.008               | 4291            | 5239          | 1.252                | 0.032                          | 0.248             | 0.281    |
| Currently married   | 0.683     | 0.009               | 4291            | 5239          | 1.306                | 0.014                          | 0.665             | 0.702    |
| Married before age 18                                       | 0.257     | 0.011               | 3741            | 4555          | 1.499                | 0.042                          | 0.236             | 0.279    |
| Currently using any contraceptive method                    | 0.614     | 0.016               | 2929            | 3579          | 1.758                | 0.026                          | 0.582             | 0.645    |
| Currently using a modern contraceptive method               | 0.423     | 0.016               | 2929            | 3579          | 1.762                | 0.038                          | 0.391             | 0.455    |
| Currently using a traditional contraceptive method          | 0.191     | 0.011               | 2929            | 3579          | 1.571                | 0.06                           | 0.168             | 0.214    |
| Currently using pill  | 0.212     | 0.011               | 2929            | 3579          | 1.501                | 0.053                          | 0.189             | 0.235    |
| Currently using IUD/PPIUD                                   | 0.033     | 0.007               | 2929            | 3579          | 2.137                | 0.212                          | 0.019             | 0.048    |
| Currently using condom/ <i>Nirodh</i>                       | 0.076     | 0.007               | 2929            | 3579          | 1.436                | 0.093                          | 0.062             | 0.09     |
| Currently using female sterilization                        | 0.093     | 0.008               | 2929            | 3579          | 1.448                | 0.084                          | 0.077             | 0.108    |
| Using public health sector source of contraception          | 0.418     | 0.023               | 1274            | 1541          | 1.667                | 0.055                          | 0.372             | 0.464    |
| Unmet need for family planning                              | 0.099     | 0.008               | 2929            | 3579          | 1.453                | 0.081                          | 0.083             | 0.115    |
| Want no more children                                       | 0.666     | 0.011               | 2929            | 3579          | 1.224                | 0.016                          | 0.645             | 0.688    |
| Want to delay next birth at least 2 years                   | 0.104     | 0.008               | 2929            | 3579          | 1.466                | 0.08                           | 0.087             | 0.12     |
| Mother received four or more antenatal care (ANC) visits    | 0.626     | 0.025               | 884             | 1071          | 1.52                 | 0.04                           | 0.576             | 0.675    |
| Took iron and folic acid (IFA) for 100 days or more         | 0.544     | 0.029               | 884             | 1071          | 1.694                | 0.052                          | 0.487             | 0.601    |
| Birth registration  | 0.97      | 0.007               | 982             | 1180          | 1.206                | 0.007                          | 0.956             | 0.984    |
| Births delivered by a skilled provider                      | 0.949     | 0.013               | 970             | 1173          | 1.556                | 0.013                          | 0.923             | 0.974    |
| Institutional delivery                                      | 0.935     | 0.013               | 970             | 1173          | 1.47                 | 0.014                          | 0.909             | 0.961    |
| Postnatal check for mother within 2 days of birth           | 0.787     | 0.02                | 884             | 1071          | 1.458                | 0.026                          | 0.747             | 0.828    |
| Postnatal check for newborn within 2 days of birth          | 0.819     | 0.019               | 884             | 1071          | 1.459                | 0.023                          | 0.781             | 0.857    |
| Exclusive breastfeeding                                     | 0.673     | 0.053               | 97              | 123           | 1.135                | 0.079                          | 0.567             | 0.78     |
| Children with diarrhoea in the last two weeks               | 0.027     | 0.006               | 950             | 1146          | 1.079                | 0.21                           | 0.016             | 0.039    |
| Treated with oral rehydration salt (ORS) packets            | 0.81      | 0.066               | 35              | 31            | 0.857                | 0.082                          | 0.677             | 0.943    |
| Children with diarrhoea taken to a health provider          | 0.618     | 0.094               | 35              | 31            | 0.981                | 0.152                          | 0.43              | 0.806    |
| Child received BCG vaccination                              | 0.926     | 0.024               | 183             | 245           | 1.194                | 0.026                          | 0.878             | 0.974    |
| Child received penta or DPT vaccination (3 doses)           | 0.797     | 0.034               | 183             | 245           | 1.168                | 0.043                          | 0.729             | 0.866    |
| Child received polio vaccination (3 doses)                  | 0.693     | 0.041               | 183             | 245           | 1.225                | 0.059                          | 0.612             | 0.774    |
| Child received first dose of measles vaccine                | 0.772     | 0.038               | 183             | 245           | 1.256                | 0.049                          | 0.696             | 0.849    |
| Child received hepatitis B vaccination (3 doses)            | 0.727     | 0.036               | 183             | 245           | 1.126                | 0.05                           | 0.655             | 0.799    |
| Child with all basic vaccinations                           | 0.631     | 0.036               | 183             | 245           | 1.052                | 0.058                          | 0.559             | 0.704    |
| Height-for-age, stunting (below -2SD)                       | 0.298     | 0.02                | 886             | 1045          | 1.284                | 0.068                          | 0.257             | 0.338    |
| Weight-for-height, wasting (below -2SD)                     | 0.191     | 0.017               | 863             | 1017          | 1.24                 | 0.089                          | 0.157             | 0.224    |
| Weight-for-age, underweight (below -2SD)                    | 0.259     | 0.018               | 907             | 1075          | 1.193                | 0.069                          | 0.223             | 0.295    |
| Children with any anaemia                                   | 0.664     | 0.022               | 648             | 779           | 1.181                | 0.034                          | 0.619             | 0.708    |
| Non-pregnant women with any anaemia                         | 0.652     | 0.013               | 4033            | 4936          | 1.677                | 0.019                          | 0.627             | 0.677    |
| Body mass index (BMI) < 18.5 kg/m <sup>2</sup>              | 0.139     | 0.007               | 3988            | 4878          | 1.362                | 0.054                          | 0.124             | 0.154    |
| Body mass index (BMI) ≥ 25.0 kg/m <sup>2</sup>              | 0.238     | 0.01                | 3988            | 4878          | 1.529                | 0.043                          | 0.218             | 0.259    |
| Waist-to-hip ratio ≥ 0.85                                   | 0.664     | 0.016               | 3974            | 4852          | 2.167                | 0.024                          | 0.632             | 0.697    |
| Have heard of HIV or AIDS                                   | 0.965     | 0.008               | 688             | 813           | 1.166                | 0.009                          | 0.948             | 0.981    |
| Have comprehensive knowledge about HIV/AIDS                 | 0.241     | 0.029               | 688             | 813           | 1.801                | 0.122                          | 0.182             | 0.3      |
| Ever experienced physical or sexual violence                | 0.257     | 0.035               | 495             | 558           | 1.781                | 0.136                          | 0.187             | 0.328    |
| Total fertility rate (last 3 years)                         | 1.5       | 0.075               | 12365           | 15043         | 1.342                | 0.05                           | 1.351             | 1.65     |
| Neonatal mortality  | 15.179    | 4.208               | 972             | 1175          | 1.048                | 0.277                          | 6.763             | 23.594   |
| Postneonatal mortality                                      | 7.555     | 3.472               | 966             | 1167          | 1.245                | 0.46                           | 0.612             | 14.498   |
| Infant mortality  | 22.734    | 5.295               | 972             | 1175          | 1.059                | 0.233                          | 12.143            | 33.324   |
| Child mortality   | 10.509    | 3.834               | 994             | 1204          | 1.111                | 0.365                          | 2.842             | 18.177   |
| Under-five mortality  | 33.004    | 5.851               | 977             | 1184          | 1.016                | 0.177                          | 21.302            | 44.705   |
| MEN   |           |                     |                 |               |                      |                                |                   |          |
| No schooling (Males age 6 years and above)                  | 0.063     | 0.006               | 7102            | 8622          | 1.939                | 0.094                          | 0.051             | 0.075    |
| No schooling (Men age 15-49)                                | 0.048     | 0.008               | 614             | 715           | 0.879                | 0.157                          | 0.033             | 0.064    |
| Completed 10 or more years of schooling                     | 0.532     | 0.034               | 614             | 715           | 1.689                | 0.064                          | 0.464             | 0.601    |
| Never married, including married <i>gauna</i> not performed | 0.436     | 0.014               | 614             | 715           | 0.683                | 0.031                          | 0.409             | 0.463    |
| Currently married   | 0.55      | 0.016               | 614             | 715           | 0.788                | 0.029                          | 0.519             | 0.582    |
| Married before age 21                                       | 0.114     | 0.021               | 445             | 506           | 1.397                | 0.185                          | 0.072             | 0.156    |
| Want no more children                                       | 0.578     | 0.03                | 348             | 394           | 1.131                | 0.052                          | 0.518             | 0.638    |
| Want to delay next birth at least 2 years                   | 0.16      | 0.025               | 348             | 394           | 1.295                | 0.159                          | 0.109             | 0.211    |
| Men with any anaemia  | 0.276     | 0.026               | 564             | 663           | 1.372                | 0.093                          | 0.224             | 0.327    |
| Body mass index (BMI) < 18.5 kg/m <sup>2</sup>              | 0.113     | 0.013               | 576             | 679           | 0.995                | 0.117                          | 0.086             | 0.139    |
| Body mass index (BMI) ≥ 25.0 kg/m <sup>2</sup>              | 0.254     | 0.018               | 576             | 679           | 0.905                | 0.071                          | 0.218             | 0.29     |
| Waist-to-hip ratio ≥ 0.90                                   | 0.539     | 0.036               | 576             | 679           | 1.72                 | 0.066                          | 0.468             | 0.61     |
| Have heard of HIV or AIDS                                   | 0.972     | 0.016               | 614             | 715           | 2.341                | 0.016                          | 0.941             | 1.003    |
| Have comprehensive knowledge about HIV/AIDS                 | 0.289     | 0.035               | 614             | 715           | 1.925                | 0.122                          | 0.219             | 0.36     |

**Table A.4 Sampling errors: Rural sample, Assam, 2019-20**

| Variable  | Value (R) | Standard error (SE) | Number of cases |               | Design effect (DEFT) | Relative standard error (SE/R) | Confidence limits |          |
|---|-----------|---------------------|-----------------|---------------|----------------------|--------------------------------|-------------------|----------|
|   |           |                     | Unweighted (N)  | Weighted (WN) |                      |                                | R-2SE             | R+2SE    |
| HOUSEHOLDS  |           |                     |                 |               |                      |                                |                   |          |
| Using an improved source of drinking water                  | 0.852     | 0.006               | 26131           | 25206         | 2.781                | 0.007                          | 0.84              | 0.864    |
| Using an improved sanitation facility                       | 0.673     | 0.007               | 26131           | 25206         | 2.277                | 0.01                           | 0.66              | 0.686    |
| Using iodized salt  | 0.986     | 0.001               | 26094           | 25177         | 1.888                | 0.001                          | 0.984             | 0.989    |
| Sex ratio (females per 1,000 males)                         | 1016.881  | 5.312               | 56775           | 54580         | 1.24                 | 0.005                          | 1006.257          | 1027.506 |
| WOMEN   |           |                     |                 |               |                      |                                |                   |          |
| No schooling (Females age 6 years and above)                | 0.234     | 0.004               | 51612           | 49878         | 1.974                | 0.016                          | 0.227             | 0.242    |
| No schooling (Women age 15-49)                              | 0.202     | 0.005               | 30688           | 29740         | 2.091                | 0.024                          | 0.192             | 0.211    |
| Completed 10 or more years of schooling                     | 0.261     | 0.006               | 30688           | 29740         | 2.242                | 0.022                          | 0.25              | 0.273    |
| Never married, including married <i>gauna</i> not performed | 0.214     | 0.003               | 30688           | 29740         | 1.239                | 0.014                          | 0.208             | 0.22     |
| Currently married   | 0.743     | 0.003               | 30688           | 29740         | 1.319                | 0.004                          | 0.736             | 0.749    |
| Married before age 18                                       | 0.349     | 0.005               | 25627           | 24744         | 1.684                | 0.014                          | 0.339             | 0.359    |
| Currently using any contraceptive method                    | 0.607     | 0.006               | 22786           | 22094         | 1.842                | 0.01                           | 0.595             | 0.619    |
| Currently using a modern contraceptive method               | 0.458     | 0.006               | 22786           | 22094         | 1.861                | 0.013                          | 0.446             | 0.47     |
| Currently using a traditional contraceptive method          | 0.149     | 0.004               | 22786           | 22094         | 1.741                | 0.028                          | 0.141             | 0.157    |
| Currently using pill  | 0.285     | 0.006               | 22786           | 22094         | 1.906                | 0.02                           | 0.274             | 0.297    |
| Currently using IUD/PPIUD                                   | 0.029     | 0.001               | 22786           | 22094         | 1.304                | 0.05                           | 0.026             | 0.032    |
| Currently using condom/ <i>Nirodh</i>                       | 0.044     | 0.002               | 22786           | 22094         | 1.563                | 0.048                          | 0.04              | 0.048    |
| Currently using female sterilization                        | 0.089     | 0.003               | 22786           | 22094         | 1.643                | 0.035                          | 0.083             | 0.095    |
| Using public health sector source of contraception          | 0.502     | 0.01                | 10545           | 10191         | 1.981                | 0.019                          | 0.483             | 0.522    |
| Unmet need for family planning                              | 0.111     | 0.003               | 22786           | 22094         | 1.457                | 0.027                          | 0.105             | 0.117    |
| Want no more children                                       | 0.664     | 0.004               | 22786           | 22094         | 1.262                | 0.006                          | 0.656             | 0.672    |
| Want to delay next birth at least 2 years                   | 0.123     | 0.003               | 22786           | 22094         | 1.36                 | 0.024                          | 0.117             | 0.129    |
| Mother received four or more antenatal care (ANC) visits    | 0.492     | 0.01                | 8363            | 8204          | 1.767                | 0.02                           | 0.472             | 0.511    |
| Took iron and folic acid (IFA) for 100 days or more         | 0.466     | 0.01                | 8363            | 8204          | 1.816                | 0.021                          | 0.446             | 0.485    |
| Birth registration  | 0.962     | 0.003               | 9591            | 9490          | 1.444                | 0.003                          | 0.956             | 0.968    |
| Births delivered by a skilled provider                      | 0.851     | 0.009               | 9675            | 9508          | 2.138                | 0.01                           | 0.833             | 0.868    |
| Institutional delivery                                      | 0.829     | 0.009               | 9675            | 9508          | 2.138                | 0.011                          | 0.811             | 0.847    |
| Postnatal check for mother within 2 days of birth           | 0.682     | 0.009               | 8363            | 8204          | 1.749                | 0.013                          | 0.664             | 0.7      |
| Postnatal check for newborn within 2 days of birth          | 0.708     | 0.009               | 8363            | 8204          | 1.723                | 0.012                          | 0.691             | 0.725    |
| Exclusive breastfeeding                                     | 0.63      | 0.022               | 837             | 829           | 1.345                | 0.035                          | 0.586             | 0.674    |
| Children with diarrhoea in the last two weeks               | 0.058     | 0.004               | 9335            | 9177          | 1.493                | 0.063                          | 0.051             | 0.065    |
| Treated with oral rehydration salt (ORS) packets            | 0.684     | 0.026               | 511             | 532           | 1.284                | 0.038                          | 0.631             | 0.736    |
| Children with diarrhoea taken to a health provider          | 0.53      | 0.027               | 511             | 532           | 1.218                | 0.05                           | 0.477             | 0.583    |
| Child received BCG vaccination                              | 0.925     | 0.007               | 1782            | 1722          | 1.179                | 0.008                          | 0.91              | 0.94     |
| Child received penta or DPT vaccination (3 doses)           | 0.82      | 0.011               | 1782            | 1722          | 1.226                | 0.014                          | 0.797             | 0.842    |
| Child received polio vaccination (3 doses)                  | 0.74      | 0.013               | 1782            | 1722          | 1.246                | 0.018                          | 0.714             | 0.766    |
| Child received first dose of measles vaccine                | 0.836     | 0.012               | 1782            | 1722          | 1.331                | 0.014                          | 0.812             | 0.86     |
| Child received hepatitis B vaccination (3 doses)            | 0.754     | 0.013               | 1782            | 1722          | 1.234                | 0.017                          | 0.728             | 0.779    |
| Child with all basic vaccinations                           | 0.669     | 0.014               | 1782            | 1722          | 1.205                | 0.02                           | 0.642             | 0.696    |
| Height-for-age, stunting (below -2SD)                       | 0.36      | 0.008               | 8784            | 8713          | 1.448                | 0.021                          | 0.344             | 0.375    |
| Weight-for-height, wasting (below -2SD)                     | 0.221     | 0.006               | 8518            | 8425          | 1.335                | 0.028                          | 0.208             | 0.233    |
| Weight-for-age, underweight (below -2SD)                    | 0.336     | 0.007               | 9076            | 8996          | 1.428                | 0.022                          | 0.322             | 0.351    |
| Children with any anaemia                                   | 0.686     | 0.009               | 5980            | 5993          | 1.545                | 0.013                          | 0.668             | 0.705    |
| Non-pregnant women with any anaemia                         | 0.66      | 0.005               | 29810           | 28933         | 1.693                | 0.007                          | 0.65              | 0.669    |
| Body mass index (BMI) < 18.5 kg/m <sup>2</sup>              | 0.183     | 0.004               | 28660           | 27755         | 1.842                | 0.023                          | 0.174             | 0.191    |
| Body mass index (BMI) ≥ 25.0 kg/m <sup>2</sup>              | 0.136     | 0.004               | 28660           | 27755         | 1.834                | 0.027                          | 0.129             | 0.144    |
| Waist-to-hip ratio ≥ 0.85                                   | 0.672     | 0.007               | 28646           | 27740         | 2.528                | 0.01                           | 0.658             | 0.686    |
| Have heard of HIV or AIDS                                   | 0.936     | 0.007               | 4626            | 4389          | 1.866                | 0.007                          | 0.923             | 0.949    |
| Have comprehensive knowledge about HIV/AIDS                 | 0.183     | 0.011               | 4626            | 4389          | 1.887                | 0.059                          | 0.162             | 0.205    |
| Ever experienced physical or sexual violence                | 0.354     | 0.016               | 3291            | 3228          | 1.933                | 0.046                          | 0.322             | 0.386    |
| Total fertility rate (last 3 years)                         | 1.933     | 0.032               | 87248           | 84380         | 1.316                | 0.017                          | 1.868             | 1.997    |
| Neonatal mortality  | 23.378    | 2.102               | 9692            | 9521          | 1.247                | 0.09                           | 19.174            | 27.582   |
| Postneonatal mortality                                      | 9.684     | 1.2                 | 9703            | 9530          | 1.168                | 0.124                          | 7.284             | 12.085   |
| Infant mortality  | 33.062    | 2.401               | 9702            | 9532          | 1.222                | 0.073                          | 28.261            | 37.864   |
| Child mortality   | 7.065     | 1.004               | 9917            | 9707          | 1.279                | 0.142                          | 5.058             | 9.072    |
| Under-five mortality  | 39.894    | 2.581               | 9736            | 9568          | 1.219                | 0.065                          | 34.731            | 45.057   |
| MEN   |           |                     |                 |               |                      |                                |                   |          |
| No schooling (Males age 6 years and above)                  | 0.15      | 0.003               | 50943           | 48872         | 1.925                | 0.021                          | 0.143             | 0.156    |
| No schooling (Men age 15-49)                                | 0.14      | 0.009               | 3945            | 3835          | 1.718                | 0.068                          | 0.121             | 0.159    |
| Completed 10 or more years of schooling                     | 0.321     | 0.013               | 3945            | 3835          | 1.773                | 0.041                          | 0.295             | 0.348    |
| Never married, including married <i>gauna</i> not performed | 0.368     | 0.011               | 3945            | 3835          | 1.447                | 0.03                           | 0.346             | 0.39     |
| Currently married   | 0.623     | 0.011               | 3945            | 3835          | 1.432                | 0.018                          | 0.601             | 0.645    |
| Married before age 21                                       | 0.174     | 0.009               | 2749            | 2644          | 1.271                | 0.053                          | 0.156             | 0.193    |
| Want no more children                                       | 0.635     | 0.013               | 2494            | 2389          | 1.311                | 0.02                           | 0.609             | 0.66     |
| Want to delay next birth at least 2 years                   | 0.168     | 0.01                | 2494            | 2389          | 1.289                | 0.058                          | 0.148             | 0.187    |
| Men with any anaemia  | 0.376     | 0.012               | 3758            | 3660          | 1.477                | 0.033                          | 0.351             | 0.4      |
| Body mass index (BMI) < 18.5 kg/m <sup>2</sup>              | 0.138     | 0.008               | 3803            | 3705          | 1.333                | 0.056                          | 0.122             | 0.153    |
| Body mass index (BMI) ≥ 25.0 kg/m <sup>2</sup>              | 0.145     | 0.008               | 3803            | 3705          | 1.346                | 0.056                          | 0.129             | 0.162    |
| Waist-to-hip ratio ≥ 0.90                                   | 0.432     | 0.016               | 3803            | 3705          | 1.999                | 0.037                          | 0.4               | 0.464    |
| Have heard of HIV or AIDS                                   | 0.98      | 0.005               | 3945            | 3835          | 2.119                | 0.005                          | 0.97              | 0.989    |
| Have comprehensive knowledge about HIV/AIDS                 | 0.246     | 0.016               | 3945            | 3835          | 2.268                | 0.063                          | 0.215             | 0.277    |