

# **Tamil Nadu**



### National Family Health Survey (NFHS-5)

2019-21

### India



International Institute for Population Sciences Deonar, Mumbai 400 088

## NATIONAL FAMILY HEALTH SURVEY (NFHS-5)

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### TAMIL NADU

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### INTRODUCTION

The 2019-21 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 by 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 a 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 Tamil Nadu was conducted in two parts for all the 32 districts of the state from 6th January 2020 to 21st March 2020, and 21st December 2020 to 31st March 2021 post lockdown by School of Public Health, SRM University. Information was collected from 27,929 households, 25,650 women age 15-49 (including 3,772 women interviewed in PSUs in the state module), and 3,372 men age 15-54.

This report presents the key findings of the NFHS-5 survey in Tamil Nadu, 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 characteristics includes 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 Tamil Nadu, just over half (52%) of the households are in rural areas. On average, households are comprised of 3 members. Nearly one-fourth (24%) of households are headed by women, with 18 percent of the population living in female-headed households.

Ninety-one percent of households in Tamil Nadu have household heads who are Hindu. Six percent of households have household heads who are Christian and 3 percent of households have household heads who are Muslims.

More than one-quarter (27%) of households in Tamil Nadu have household heads who belong to a scheduled caste, 2 percent belong to a scheduled tribe, and 69 percent belong to other backward class. Two percent of household heads do not belong to a scheduled caste, a scheduled tribe, or an other backward class. The majority (70%) of households are nuclear, and 31 percent of the population reside in non-nuclear households.

Twenty-one percent of Tamil Nadu's population is under age 15; only 10 percent is age 65 and over. The overall sex ratio of the population is 1,088 females per 1,000 males, and the sex ratio of the population under 7 years of age is lower at 888 females per 1,000 males. Ninety-five percent of persons have an *Aadhaar* card.

Among children below 18 years of age, 5 percent have experienced the death of one or both parents. In all, 80 percent of children below 18 years of age live with both parents, 17 percent live with one parent (mostly with their mother), and the remaining 2 percent live with neither parent. Births of almost all (98%) children under 5 years of age were registered with the civil authorities, and 90 percent of children have a birth certificate.

### **Death registration**

Ninety-three percent of deaths of usual household members in the three years preceding the survey were registered with the civil authorities (92% of deaths at age 0-4, 98% of deaths at age 25-34, and 93% of deaths at age 35 and above).

The distribution of death registrations by religion shows that 96 percent of deaths were registered among Muslims, 93 percent among Hindus, and 92 percent among Christians. Ninety-three percent each of deaths were registered among scheduled castes and other backward classes. Overall in Tamil Nadu, death registration is higher in urban areas (95%) than rural areas (92%) and among males (95%) than females (91%).

### Disability

The respondent to the Household Questionnaire provided information for all usual household members on whether or not they have any disability in specified domains. The domains of disability are hearing, speech, visual, mental, locomotor, and other. Just over 1 percent (1.3%) of the *de jure* household population has any disability. The most prominent type of disability is locomotor and hearing disability (0.4% each). Men are slightly more likely than women to have any disability (1.5% men compared with 1.1% women). The proportion of household members who have any disability rises with increasing age. For instance, 2 percent of the household members age 50 and above are reported to have any disability, compared with about 1 percent of household members in the younger age groups.

### **Housing characteristics**

Eighty-eight percent of households in Tamil Nadu live in a *pucca* house and almost all households (99%) have electricity. Ninety-four percent of households in Tamil Nadu have basic drinking water service, and 99 percent of households use an improved source of drinking water, but only 35 percent have water piped into their dwelling, yard, or plot, while, 42 percent of households have water from public tap, standpipe. Urban households (39%) are more likely than rural households (32%) to have water piped into their dwelling, yard, or plot, whereas, rural households (53%) are more likely than urban households (29%) to have water from public tap, or stand pipe. Fifty-four percent of households use an appropriate treatment method to make drinking water potable (mostly by boiling the water). A large majority of households (83%) in Tamil Nadu use a clean fuel for cooking.

Nearly one-thirds (35%) of households in Tamil Nadu have water piped into their dwelling, yard, or plot.

\_\_\_\_\_

### 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.

Twenty-three percent of all households (34% in rural areas and 10% in urban areas) do not use any sanitation facility; they use open spaces or fields. In Tamil Nadu, 82 percent of households have access to a toilet facility, with a much higher accessibility in urban areas (92%) than in rural areas (72%). Access to a toilet facility ranges from 67 percent among scheduled tribe households to 94 percent among households which are not scheduled caste, scheduled tribe, or other backward class households. Muslim households (95%) have more access to toilet facility, than Christian households (91%) and Hindu households (81%). Access to a toilet facility varies widely across the districts, ranging from 59 percent in Ariyalur district (much lower (55%) in the rural areas of Virudhunagar) to 99 percent in Chennai district. At least 95 percent of urban households have access to a toilet facility in eight districts (Madurai, Chennai, Kanyakumari, Thanjavur, Thiruvallur, Coimbatore, Krishnagiri, Kancheepuram).

#### Selected household possessions

In Tamil Nadu, 66 percent of households own a house (76% of rural households and 56% of urban households). Almost all urban households (96%) and most rural households (90%) in Tamil Nadu have a mobile phone. Ninety-seven percent of households have a bank or post office account. Sixty-four percent of households own either a motorcycle or a scooter. BPL cards are held by 23 percent of households. Irrigated land is owned by 22 percent of rural households and 5 percent of urban households. Overall, 20 percent of all households in Tamil Nadu own agricultural land, and one-quarter of households own farm animals.

#### **Background characteristics of respondents**

Twenty-seven percent each of women and men are in the 15-24 age group, while 29 and 31 percent of women and men, respectively, are in the 25-34 age group. Fifty-two percent of both women and men are in rural areas.

In NFHS-5, literate persons are those who have either completed at least standard 9 or passed a simple literacy test conducted as part of the survey. According to this measure, 84 percent of women age 15-49 and 91 percent of men age 15-49 are literate.

Ten percent of women and 4 percent of men age 15-49 have never been to school. In Tamil Nadu, two-fifths of both women and men between age 15-49 have completed 12 or more years of schooling.

Media exposure is quite widespread among women and men in Tamil Nadu. Eighty-three percent of women and 79 percent of men watch television at least once a week. Men (34%) are much more likely than women (15%) to read a newspaper or magazine at least once a week. Twelve percent of men and 13 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 (72% versus 60%) or widowed (4.5% versus 0.3%), while men are more likely than women to be never married (39% versus 22%).

A majority of female respondents are Hindus (91%), while 6 percent are Christians and 4 percent are Muslims. Sixty-seven percent of female respondents belong to an other backward class, while 29 percent belong to a scheduled caste. Two percent of women and 4 percent of men belong to a scheduled tribe, while 1 percent of men and 2 percent of women 15-49 do not belong to a scheduled caste, a scheduled tribe, or an other backward class.

Fifty-seven percent of women and 17 percent of men age 15-49 were not employed in the 12 months preceding the survey. Six percent of women and 15 percent of men were engaged in an agricultural occupation, while 36 percent of women and 67 percent of men were employed in a non-agricultural occupation.

### **EDUCATION**

In NFHS-5, information related to preschool attendance has been collected for the first time, in addition to school attendance among children age 6-17 years and educational attainment of 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 that provide spaces for children to learn, play, eat nutritious food, and develop the skills needed for a lifetime of learning. Attending preprimary education, such as at an *anganwadi* centre, improves children's school readiness by 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.

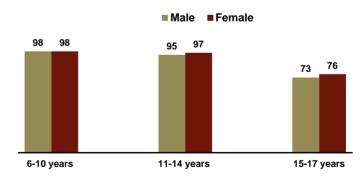
In Tamil Nadu, one-third of children age 2-4 years (34% boys and 33% girls) attend preschool. Preschool attendance is slightly lower among children in nuclear households (32%) than children in non-nuclear households (36%). Preschool attendance is higher among children in households headed by Hindus (34%) or Christians (29%) than households headed by Muslims (21%). Preschool attendance is highest among households not belonging to scheduled caste, scheduled tribe, or other backward class (46%), lower in other backward class households (34%) and scheduled caste households (32%), and lowest in scheduled tribe households (29%). Preschool attendance is almost the same in households with 3-5 members (34%) and households with 6 or more members (33%). Overall, preschool attendance is almost the same in urban households (33%) and rural households (34%). Preschool attendance is highest in Thiruvallur district (59%) and lowest in The Nilgiris district (12%).

#### School attendance among children

Ninety-one percent of children age 6-17 years in Tamil Nadu attend school (92% in urban areas and 91% in rural areas). School attendance is almost universal (97%) at age 6-14 years, but drops sharply to 74 percent at age 15-17 years. There is no gender disparity in school attendance in the 6-14 year age group; however, in the age group 15-17 years, 76 percent of girls compared with 73 percent of boys are attending school.

school attendance? Percentage of children attending school by age

Are there gender differentials in children's



### 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 subnational level.

#### Age at first marriage

In Tamil Nadu, the median age at first marriage is 22.0 years among women age 25-29 years. Only 11 percent of women age 20-49 years have never married, compared with 29 percent of men age 20-49 years. Thirteen percent of women age 20-24 years got married before attaining the legal minimum age of 18 years, down from 16 percent in NFHS-4. Forty-nine percent of women age 20-24 years are never married, compared with 91 percent of men in the same age group, showing that the age at marriage is much lower for women than men in Tamil Nadu.

#### **Fertility levels**

The total fertility rate (TFR) in Tamil Nadu is 1.8 children per woman, which is well below the replacement level of fertility. Fertility has increased by 0.1 children between NFHS-4 and NFHS-5.

The total fertility rate in urban areas, at 1.6 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, 1 percent were of birth order four or higher, compared with 2 percent in NFHS-4.

In Tamil Nadu, the differentials in fertility by religion, caste/tribe, and schooling are negligible. At current fertility rates, women with 12 or more years of schooling have the highest fertility (a TFR of 2.0).

#### How does fertility vary with schooling? Total fertility rate (children per woman) 2.0 1.9 1.9 1.8 1.6 No schooling <5 years 5-9 years 10-11 years 12 or more years complete complete complete complete

### **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). Miscarriage is the most commonly reported type of foetal wastage, accounting for 6 percent of all pregnancies, and abortions accounted for 4 percent.

The two main reasons for seeking abortion reported by women were health did not permit (31%) and unplanned pregnancy (30%). The most common methods used for performing abortions were medicines (77%), other surgical methods (10%), manual vacuum aspiration (MVA) (8%). A large majority (65%) of abortions were performed in the private health sector and 26 percent were performed in the public health sector. Six percent of women reporting an abortion reported having complications from the abortion. Most abortions (80%) in Tamil Nadu are performed by a doctor.

### **Teenage pregnancy**

Among young women age 15-19 in Tamil Nadu, 6 percent have already begun childbearing, that is, they have already had a live birth or are pregnant with their first child, which is almost the same as in NFHS-4 (5%). The proportion of women who have started childbearing rises sharply from 2 percent at age 17 years to 8 percent among women age 18 years and to 19 percent among women age 19 years.

### **Birth intervals**

The median interval between births in the five years before the survey in Tamil Nadu is 35.6 months. Eight percent of births take place within 18 months of the previous birth and 24 percent occur within 24 months. The proportion of births occurring within 24 months of a previous birth is particularly high (31%) for mothers age 20-29 and for births occurring after a deceased sibling (56%). More than half (51%) 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.

More than half (51%) of births in Tamil Nadu occur within three years of the previous birth.

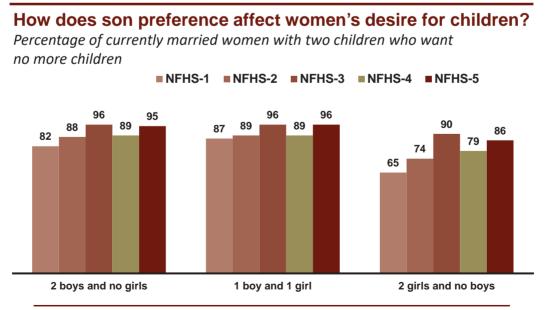
### **Fertility preferences**

Seventy-four percent of currently married women and 70 percent of currently married 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, 33 percent of women and 31 percent of men would like to wait at least two years before the next birth. Ninety-two percent of women and 89 percent of men consider the ideal family size to be two or fewer children.

In Tamil Nadu, there is a strong preference for sons. Seven percent of women and 12 percent of men want more sons than daughters, but only 4 percent of women and men want more daughters than sons. However, 75 percent of women and 82 percent of men would like to have at least one son and 74 percent of women and 78 percent of men want 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, 96 percent with 1-2 sons want no more children, compared with 86 percent with two daughters who want no more children. Notably, the proportion of currently married women and men with two children who want no more children irrespective of their number of sons has remained increased by 6 percentage points (87% to 94%) in the 4 years since NFHS-4.

In Tamil Nadu, unplanned pregnancies are fairly 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 1.8 children per woman.



Current sex composition of families with two living children

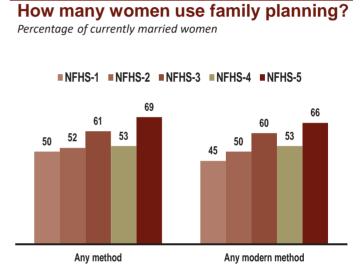
### FAMILY PLANNING

The family planning section covers trends in contraceptive knowledge and current use, informed choice, and unmet need for family planning methods among women age 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

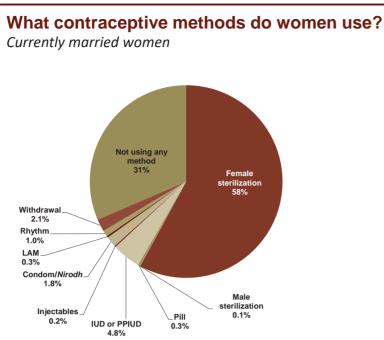
Knowledge of contraception is almost universal in Tamil Nadu. However, some methods are still less well known. Almost three-quarters (73%) of currently married women know about the lactational amenorrhoea method (LAM) and 27 percent know about female condoms. Among all women, only 38 percent know about emergency contraception.

The contraceptive prevalence rate (CPR) among currently married women age 15-49 is 69 percent, an increase from NFHS-4 (53%). The use of modern family planning methods (66%) has also increased from its level in NFHS-4 (53%). The use of female sterilization has increased by 8 percentage points, from 49 percent to 58 percent between NFHS-4 and NFHS-5; the share of female sterilization in overall contraceptive use has fluctuated between 93 and 84 percent in all five NFHS surveys. Contraceptive use in NFHS-5 increases sharply with age, from 24 percent for women age 15-19 to 79 percent for women age 40-49.



In Tamil Nadu, contraceptive use shows little difference in rural (69%) and urban (68%) areas. Contraceptive prevalence decreases with increasing schooling of women. Seventy-seven percent of currently married women with no schooling use female sterilization, compared with only 38 percent of women with 12 or more years of schooling. Muslim women (63%) are less likely to use contraception than either Hindu (69%) or Christian women (68%).

Women in Tamil Nadu are much more likely to use contraception if they already have a son. For example, among women with two children, 86 percent with at least one son use a method of family planning, compared with 81 percent of women with two daughters and no sons.



The most common modern spacing methods used by currently married women in Tamil Nadu are IUD or PPIUD (5%), followed by the condoms (2%). In general, bettereducated women are more likely than other women to use spacing methods.

Seventy-four percent of sterilized women had their sterilization operation in the public sector, mainly in a government or municipal hospital, and 83 percent of IUD or PPIUD users had their IUD insertion in the public sector.

More than half (51%) pill and 23 percent of condom/*Nirodh* users get their supply from the public health sector. Nonetheless, 44 percent of pill users and 71 percent of condom/*Nirodh* users get their supply from the private health sector or other source, including a shop.

The 12-month discontinuation rate for any reason is 30 percent for all contraceptive methods. Fifty-four percent of users of 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.

Fifty-four percent of users of modern spacing methods discontinued use within the first year after they adopted the method.

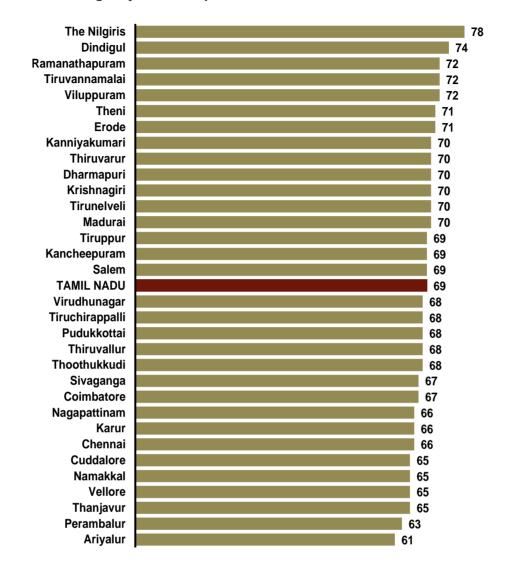
#### **Informed choice**

Women who know about all available contraceptive methods and their side effects can make better choices about what method to use. Eighty-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. Only 83 percent were told about the possible side effects or problems with their method, and even fewer (78%) were told what to do if they experienced any side effects.

#### Men's attitudes

Almost one-fifth (19%) of men age 15-49 in Tamil Nadu agree that contraception is women's business and a man should not have to worry about it. However, only 9 percent of men think that women using contraception may become promiscuous. Almost half (49%) of men know that a condom, if used correctly, protects against pregnancy most of the time.

### **Contraceptive Prevalence Rate by District** *Percentage of currently married women*

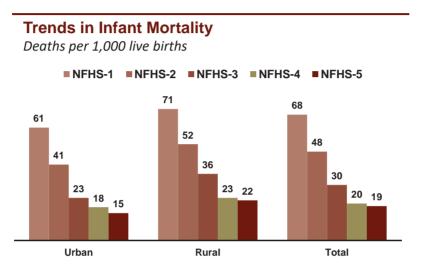


### **Unmet need**

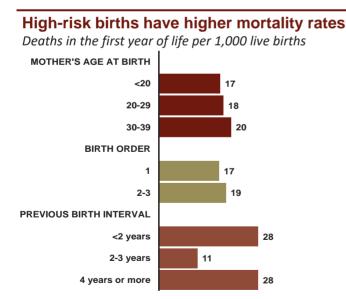
Unmet need for family planning is defined as the percentage of currently married women who either want to space their next birth or stop childbearing entirely, but are not using contraception. According to this definition, 8 percent of currently married women have an unmet need for family planning, which decreased marginally since NFHS-4 (10%). Currently, 90 percent of the demand for family planning is being satisfied and 86 percent of the demand is being satisfied by modern methods.

### INFANT AND CHILD MORTALITY

The mortality rate among children under age 5 years including neonatal, postneonatal, and infant mortality rates is an important indicator that measures the overall well-being of a country. The infant mortality rate in Tamil Nadu in NFHS-5 is estimated at 19 deaths before the age of one year per 1,000 live births, down from the NFHS-4 estimate of 20, the NFHS-3 estimate of 30, the NFHS-2 estimate of 48, and the NFHS-1 estimate of 68. The under-five mortality rate (U5MR) is estimated to be 22 deaths before five years of age per 1,000 live births, lower than the as U5MR in NFHS-4 (27 per 1,000).



As expected, boys generally have higher mortality rates than girls, especially during the neonatal and postneonatal period. In fact, 1 in 24 boys die before the age of five, compared with 1 in 20 girls.



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

Children born to mothers age 30-39 are more likely to die during infancy than children born to mothers under age 30. Infant mortality is 17 per 1,000 live births for teenage mothers and 18 per 1,000 live births for mothers age 20-29, compared with 20 per 1,000 live births for mothers age 30-39.

All the infant and child mortality rates decline sharply with mother's education and are higher for scheduled caste and other backward class. All infant and child mortality rates are higher in rural areas than in urban areas with the exception of the postneonatal mortality rate. Children born to mothers age 30-39 years are more likely to die during infancy than to mothers of younger ages.

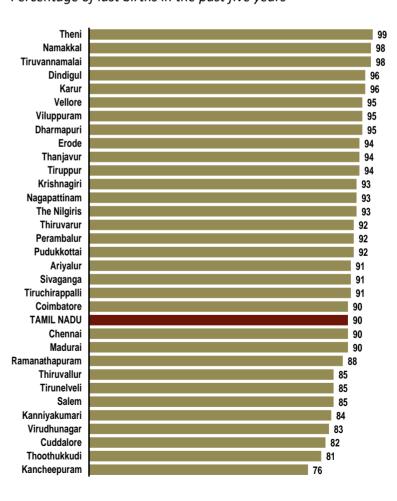
### **MATERNAL HEALTH**

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 9 in 10 received antenatal care for their last birth from a health professional (87% from a doctor and 9% from an auxiliary nurse midwife (ANM), lady health visitor (LHV), nurse, or midwife). Four percent did not receive any antenatal care (ANC). Among mothers who gave birth in the five years preceding the survey, registered 98 percent the pregnancy for the most recent live Among birth. the registered pregnancies, 99 percent received a Mother and Child Protection Card (MCP Card).

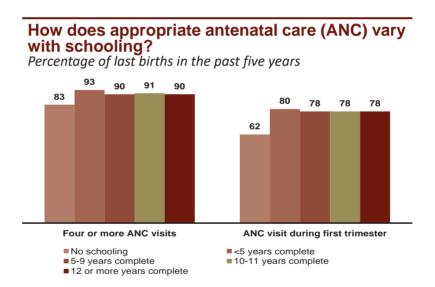
Just over three-quarters (77%) of women received antenatal care during the first trimester of pregnancy, as is recommended. Ninety percent of mothers had four or more antenatal care visits. Rural women were more likely to have four or more antenatal care visits than urban women. **Four or More Antenatal Care Visits by District** *Percentage of last births in the past five years* 



Since NFHS-4, there has been an increase in the percentage of mothers who had an antenatal check in the first trimester (from 64% to 77%) and in the proportion of women who had four or more antenatal care visits (from 81% to 90%). For 99 percent of their last births, mothers received iron and folic acid (IFA) supplements, but only 83 percent consumed them for the recommended 100 days or more and only 63 percent consumed them for the newly recommended 180 days or more. Ninety percent of last births were protected against neonatal tetanus through tetanus toxoid vaccinations given to the mother. Seventy-seven percent of mothers took an intestinal parasite drug during pregnancy.

## Ninety percent of mothers in Tamil Nadu had at least four antenatal care visits for their last birth.

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 9 in 10 received advice on each of five different areas (98% received advice on breastfeeding, 95% on the importance of institutional delivery, 97% on keeping the baby warm, 94% on cord care, and 95% on family planning).



Even when women receive antenatal care, sometimes they do not receive all the services needed to monitor their pregnancy. In Tamil Nadu, all women who received antenatal care for their last birth received each of the services needed to monitor their pregnancy: having their weight taken, their blood pressure measured, having a urine sample taken, having a blood sample taken, and having their abdomen examined.

An ultrasound test was performed during 94 percent of pregnancies in the five years preceding the survey. Ninety-five percent of women with at least 12 years of schooling had an ultrasound test compared, compared with 93 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 (95%) were much more likely to have an ultrasound test one sons (81%).

#### **Delivery care**

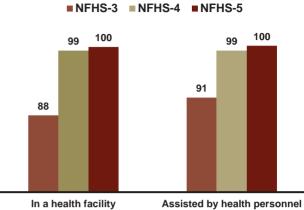
All births take place in a health facility (mostly a government facility) and only 0.4 percent of births take place at home.

All births during the past five years took place with assistance from a skilled provider.

Forty-five percent of births during the past five years were delivered by caesarean section. Forty-two percent of caesarean sections (19% of all births) were emergency caesarean sections.

Among women who had a live birth in the five years preceding the survey that was delivered in Are babies being delivered safely?

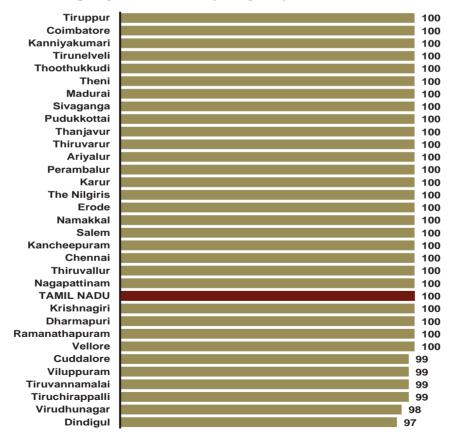
Percentage of births in the past five years



a health facility, 20 percent received financial assistance under *Janani Suraksha Yojana* (JSY). Rural women (21%) were more likely than urban women (18%) to receive financial assistance under JSY. Scheduled caste women and women not belonging to scheduled caste, scheduled tribe, or other backward class (22% each) were more likely than other backward class women (17%) to receive financial assistance under JSY.

### **Institutional Delivery by District**

Percentage of births in the past five years



All children in Tamil Nadu who were born in the past five years were born in a health facility.

### **Postnatal care**

Early postnatal care for a mother helps safeguard her health and can reduce maternal mortality. In Tamil Nadu, 98 percent of mothers had a postnatal check after their last birth and 92 percent of mothers had a postnatal check within two days of the birth, as is recommended. Postnatal care is most common for births in a health facility; 92-93 percent of births in both public health facilities and private health facilities were followed by a postnatal check for the mother within two days of birth.

Ninety-four, percent of last births in the five years preceding the survey received a health check in the first two days after birth.

### Male involvement in maternal care

Ninety-eight percent of men with a child under three years of age said that the youngest child's mother received antenatal care. Ninety-one percent of men with a child under three years said they were present during at least one antenatal check received by the child's mother (88% in urban areas and 94% in rural areas), but only 72 percent were told by a health provider or health worker what to do if the mother had a pregnancy complication. Only 56-75 percent of men were told about the signs of specific pregnancy complications (convulsions, vaginal bleeding, high blood pressure, severe abdominal pain, and prolonged labour).

Most fathers with a child less than three years of age were given information about various aspects of maternal care. Ninety-four percent of men were told about the importance of proper nutrition for the mother during pregnancy and 87 percent of men were told about the importance of delivering the baby in a health facility. Eighty-four percent of men were told by a health provider or a health worker about family planning or delaying the next child.

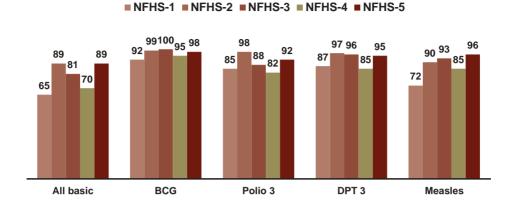
### **CHILD HEALTH**

### Vaccination of children

Vaccinations are considered as the most cost-effective intervention that can improve the overall health of children. Eighty-nine 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, 99 percent of children are at least partially vaccinated; only 2 percent have not received any vaccinations at all. Vaccinations were recorded from a vaccination card for a large majority (95%) of children, which is a substantial increase since NFHS-4 (80%).

#### **Trends in Vaccination Coverage**

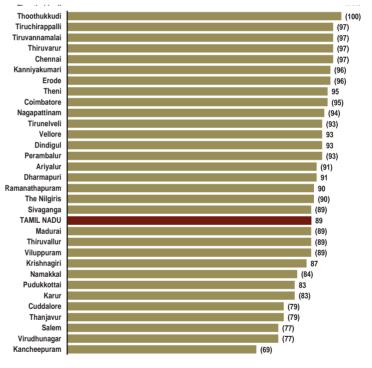
Percentage of children 12-23 months receiving vaccinations



#### Ninety-eight percent of children have received a BCG vaccination. However, about 92 percent have received the recommended three doses of polio vaccine, 95 percent have received the three recommended doses of DPT or Penta vaccine, and 96 percent have been vaccinated against measles. There is some dropout between the first and third doses of DPT vaccine (from 98% to 95%) and polio vaccine (from 97% to 92%). It should be noted that the Penta vaccine was not widely available at the time of the NFHS-4 survey.

Between NFHS-4 and NFHS-5, there was an increase in vaccination coverage for three doses of DPT (from 85% to 95%), measles (from 85% to 96%), and BCG (from 95% to 98%). The coverage for three doses of polio





vaccine also increased, from 82 percent to 92 percent. Overall, there was an encouraging change in the coverage of all basic vaccinations (from 70% to 89%). In addition, 96% of children have received at least one dose of hepatitis B vaccine, and 92 percent of children have received all three recommended doses of hepatitis B vaccine.

Coverage with all basic vaccinations is almost the same for boys and girls (90% versus 89%) but is higher for rural areas than urban areas (92% versus 86%). Coverage with all basic vaccinations is higher among Christian children (97%) than Muslim children (96%) and Hindu children (89%).

### **Childhood illnesses**

In the two weeks before the survey, 1 percent of children under age five years had symptoms of an acute respiratory infection (cough accompanied by (1) short, rapid breathing that is chest related and/or (2) difficult breathing that is chest related). Of these children, 32 percent were taken to a health facility or health provider.

Six percent of children under age five were reported to have had fever in the two weeks preceding the survey; 75 percent of these children were taken to a health facility or provider for treatment.

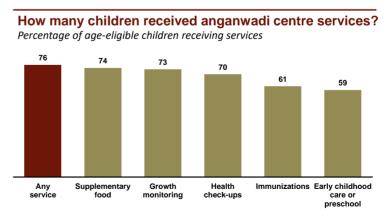
Overall, 4 percent of children under age five years had diarrhoea in the two weeks preceding the survey. Sixty percent of these children were taken to a health facility or health provider. Ninety-seven percent of mothers of young children have heard of oral rehydration salt (ORS) packets for the treatment of diarrhoea, but only 54 percent of children with diarrhoea were given ORS. Thirty percent of children with diarrhoea were given gruel and 61 percent were given any type of oral rehydration therapy (ORT). Twenty-nine percent were given zinc supplements. Twenty-seven 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 Tamil Nadu only 0.3 percent of children with diarrhoea received more to drink than normal. Only 42 percent of children received the same amount to drink as usual. Of greater concern, more than half (57%) of children with diarrhoea were given less to drink or nothing at all to drink. Thirty-six 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.

Seventy-six 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 (74%), growth monitoring (73%), health check-ups (70%), and immunizations (61%). The service that is least likely to be accessed is early childhood care or preschool (59%). Ninety percent mothers of children who were weighed at an



*anganwadi* centre received counselling from an *anganwadi* worker or an ANM. Among children under age 6 years, 85 percent of their mothers received any service from an *anganwadi* centre during pregnancy, and 82 percent of their mothers received any service while breastfeeding.

### BREASTFEEDING, NUTRITION, AND ANAEMIA

### Infant feeding

Although breastfeeding is nearly universal in Tamil Nadu, only 56 percent of children under 6 months are exclusively breastfed, as the World Health Organization (WHO) recommends. Ninety-one percent are put to the breast within the first day of life, but only sixty-one 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.

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, 8 percent of children are given something other than breastmilk during the first three days. Overall, 75 percent of children continue breastfeeding at 1 year and 45 percent continue breastfeeding at 2 years. The median duration of breastfeeding is 19.7 months, which is the age to which half of children are breastfeed.

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 67 percent of children in Tamil Nadu receive breastmilk and complementary foods, respectively.

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. Only 49 percent of children age 6-23 months are fed the recommended minimum number of times per day and even fewer (29%) are fed from the appropriate number of food groups. Only 16 percent are fed according to all three recommended practices.

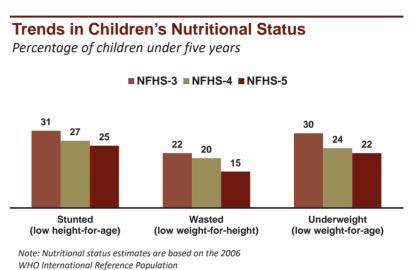
Micronutrient deficiency is a major contributor to childhood morbidity and mortality. Vitamin A is an essential nutrient for the immune system. Severe vitamin A deficiency (VAD) can cause eye damage and a higher risk of dying from measles and diarrhoeal disease. The Government of India recommends that children under 5 years of age receive vitamin A supplements every six months, starting at age 9 months. In Tamil Nadu, 68 percent of children age 9-35 months were given a vitamin A supplement in the past six months, but only 59 percent of youngest children age 6-23 months living with their mother 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. Forty-four percent of children age 6-23 months ate iron-rich foods during the day or night before the survey; however, 51 percent of children in the same age group 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. Twenty-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. Fifteen 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 6 percent are severely wasted. Twenty-two 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, 26 percent of children are stunted, 28 percent are wasted, and 29 percent are underweight.

Children's nutritional status in Tamil Nadu has slightly improved than the NFHS-4 by all measures. The percentage of children who are stunted decreased marginally from 27 percent to 25 percent in the 4 years between NFHS-4 and NFHS-5. The percentage of children who are underweight (22%) or wasted (15%) has improved since NFHS-4. However, the continuing high levels of undernutrition are still a major problem in Tamil Nadu.

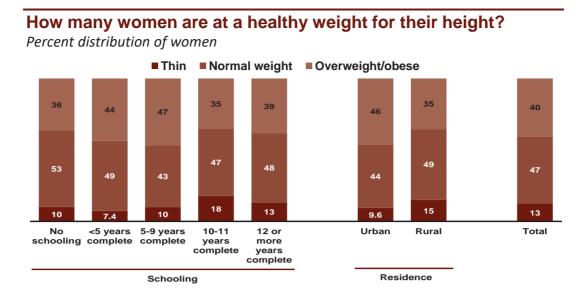


Differences in the levels of malnutrition are more pronounced for several background characteristics. Malnutrition generally decreases with increasing mother's schooling, better nutritional status of the mother, and larger child's size at birth. The level of undernutrition is relatively high for rural children and children of higher birth orders. It is generally higher among scheduled tribe children than among children belonging to any other caste/tribe group and lower among Muslim 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.

More than half (53%) of women and 49 percent of men are either too thin or overweight or obese. Among women age 15-49, the proportion overweight or obese is 40 percent, which has increased since NFHS-4 (31%). More men are overweight or obese (37%) than thin (12%), which is similar to the pattern observed in NFHS-4. Thirteen percent of women in Tamil Nadu are too thin. Less than half (47%) of women and men 51 percent of men are at a healthy weight for their height. Undernutrition is particularly common in the younger age groups (especially age 15-19), in rural areas for women, and among scheduled tribes. Overweight and obesity are most prevalent in older adults, those in urban areas, and men with 12 or more years of schooling.



For the first time, the 2019-21 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 half (56%) of women and men, each have a waist-to-hip ratio (WHR) that puts them at a substantially increased risk of metabolic complications. The proportion of adults with an increased risk WHR increases with age, from 40 percent for women age 15-19 to 62 percent for women age 40-49, and from 27 percent for men age 15-19 to 70 percent for men age 40-49. The proportion of women having a substantially increased risk WHR is higher in urban areas (58%) than in rural areas (54%) and among men it is slightly higher in rural areas (57%) than in urban areas (56%).

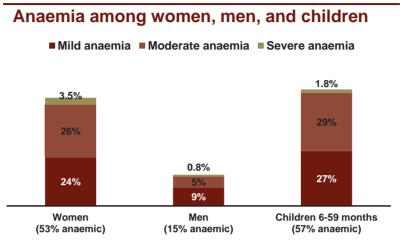
The use of iodized salt prevents iodine deficiency, which can lead to miscarriage, goitre, and mental retardation. Ninety-two percent of households with tested salt were using iodized salt at the time of the survey.

### 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 Tamil Nadu, especially among women and children.

More than two-quarters (57%) of children age 6-59 months are anaemic. This includes 27 percent who are mildly anaemic, 29 percent who are moderately anaemic, and 2 percent who have severe anaemia. The overall prevalence of anaemia in children increased from 50 percent in NFHS-4 to

57 percent in NFHS-5. There is a slight difference in the prevalence of anaemia among girls (56%) and boys (59%) in NFHS-5. Children of mothers who have anaemia (66%) 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 fifty-five percent of children in Tamil Nadu are anaemic even if their mother has 12 or more years of schooling.



Fifty-three percent of women in Tamil Nadu have anaemia, including 24 percent with mild anaemia, 26 percent with moderate anaemia, and 4 percent with severe anaemia. Anaemia is particularly high among rural women (55%), women age 30-49 (55%), and scheduled tribe women (59%), but anaemia exceeds 45 percent for every group of women. Anaemia among women has decreased by 2 percentage points since NFHS-4. Sixteen percent of men in Tamil Nadu are anaemic. Over one-fifth (22%) of men with no schooling or less than 10 years of schooling, men age 15-19 or 40-49, and men 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 getting tuberculosis. Tuberculosis is both preventable and curable, however mortality is high if not treated properly. In Tamil Nadu, 183 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 (168) than among women (196) and is higher in rural areas (188) than in urban areas (177).

A large majority of respondents have heard of tuberculosis (96% of women and 90% of men), but even among those who have heard of tuberculosis, only 91 percent of women and 84 percent of men know that it is spread through the air by coughing or sneezing. Half of women and 52 percent of men have misconceptions about how tuberculosis is spread. Overall, 76 percent of women and 82 percent of men know that tuberculosis can be cured, and only 29 percent of women and 39 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, 2,896 women and 2,565 men age 15-49 per 100,000 have diabetes. Overall, 1,466 women and 565 men per 100,000 have asthma. The prevalence of asthma among women is higher in older age groups, while it is higher in men age 15-19 (913 per 100,000). Goitre is more common than asthma or diabetes among women, but less common than asthma or diabetes among men (4,076 women and 378 men per 100,000). The prevalence of any heart disease is lower among women (589 per 100,000) than among men (496 per 100,000). Among the five diseases, cancer is the least common, with 126 women and 59 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.

Thirteen percent of women age 15-49 in Tamil Nadu have hypertension, including 8 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-eight percent of women have normal blood pressure.

The prevalence of hypertension among men age 15-49 is somewhat higher than among women. Twenty-four percent of men in Tamil Nadu have hypertension, including 17 percent with Stage 1 hypertension, 4 percent with Stage 2 hypertension, and 2 percent with Stage 3 hypertension. Hypertension also includes men with normal blood pressure who are taking medicine to lower their blood pressure. Thirty 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 complications. NFHS-5 has included random blood glucose measurement using capillary blood among women and men age 15 and above.

In Tamil Nadu, 5 percent of women age 15-49 have high blood glucose levels, and an additional 6 percent have very high blood glucose levels. In comparison, 6 percent of men age 15-49 have high blood glucose levels and an additional 7 percent have very high blood glucose levels. Women and men in older age groups and with fewer than 5 years of schooling have relatively high blood glucose levels.

More than 8 in 10 women (89%) and men (87%) age 15-49 have normal blood glucose levels. One percent of men and women, each have normal blood glucose levels and to be taking medicine to lower their blood glucose level. Twelve percent of women and 14 percent of men have high or very high blood glucose levels or 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 women had ever undergone a screening test for cancer of the oral cavity, breast, and cervix.

In Tamil Nadu, only 7 percent of women age 15-49 have ever undergone a screening test for cancer of the cervix, 4 percent have ever undergone a screening test for breast cancer, and 1 percent have ever undergone a screening test for cancer of the oral cavity, which is same in men.

### **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 a number of health insurance programmes and health schemes in India, almost 67 percent of households in Tamil Nadu have any kind of health insurance that covers at least one member of the household. Health insurance coverage is higher in rural (71%) than urban areas (61%). In Tamil Nadu, three types of programmes dominate: the State health insurance scheme (85%), the Central Government Health Scheme (CGHS) (16%), and the Employees' State Insurance Scheme (ESIS) (5%).

One-third of women and about half (49%) of men age 15-49 in Tamil Nadu are covered by any health insurance/financing scheme. Older men are more likely to be covered than younger men and is much higher among men with no schooling.

### Tobacco and alcohol use

Twenty percent of men, but only 1 percent of women, age 15-49 use some form of tobacco. Tobacco products mostly used by men are cigarettes (14%), *gutkha* or *paan masala* with tobacco (3%), *paan* with tobacco (2%), and *khaini* (1%). Among women and men, the use of any form of tobacco is slightly higher in rural areas (2% for women and 21% for men) than in urban areas (1% for women and 19% for men). Most men (71%) who smoke cigarettes smoked fewer than five cigarettes in the past 24 hours.

In Tamil Nadu, among adults age 15-49, a negligible proportion (0.1%) of women and one-third of men drink alcohol. Among men, consumption is higher in rural areas than in urban areas (37% versus 15%). Most men who drink alcohol drink it about once a week (51%) or less than once a week (36%), and 14 percent drink almost every day.

### **HIV/AIDS**

This section presents the findings from NFHS-5 on HIV/AIDS knowledge and attitudes, prior HIV testing, and the prevalence of sexually transmitted infections (STIs), as well as 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

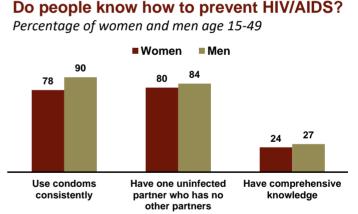
Ninety-eight percent of women in Tamil Nadu have heard of HIV or AIDS. In urban areas, 99 percent know about HIV or AIDS, compared with 98 percent in rural areas. Knowledge of HIV or AIDS among women does not vary much across age groups. Women with no schooling or with less than 5 years of schooling and Muslim women (95% each) are less likely than other women to have heard of HIV or AIDS.

Ninety-eight percent of men in Tamil Nadu have heard of HIV or AIDS, similar in urban as well as rural 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, only 78 percent of women know that consistent condom use can help to prevent HIV/AIDS, compared with 90 percent of men, and 80 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 84 percent of men.

Only 24 percent of women and 27 percent of men in Tamil Nadu 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.



### HIV-related stigma

More than half (56%) of women and 66 percent of men in Tamil Nadu would be willing to take care of a relative with HIV/AIDS in their home. Slightly lower proportion of women (52%) and men (63%) say that a female teacher who has HIV/AIDS but is not sick should be allowed to continue teaching. Forty-two percent of women and 52 percent of men say that they would buy fresh vegetables from a shopkeeper with HIV/AIDS. Almost half (48%) of women and 41 percent of men say that if a family member got infected with HIV/AIDS, they would not want to keep it a secret. Almost half of women (48%) and two-thirds of men say that an HIV positive student should be allowed to attend school with students who are HIV negative. Similar proportion of women

(48%) and men (59%) think that people living with HIV/AIDS should be treated in the same public hospital as persons who are HIV negative. More than half (53%) of women and 65 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

Almost half (49%) of women and 28 percent of men age 15-49 had ever been tested for HIV prior to NFHS-5. Women and men in urban as well as in rural areas have similar proportion to have ever been tested for HIV prior to NFHS-5. Fifty-four 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 (51%) are slightly less likely than rural women (56%) to have been tested for HIV during ANC.

More than half of women (54%) who had a live birth in the past five years and received ANC during pregnancy were tested for HIV during ANC.

In Tamil Nadu, 10 percent of women and 14 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 (62% of women, compared with 57% of men). A disposable syringe was used for injections for 96 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 is sexual intercourse with someone who is neither a spouse nor a cohabiting partner. Among those who had sex in the past 12 months, 2 percent of men and no woman reported having had higher-risk sex during the past 12 months. The percentage of men who had higher-risk sexual intercourse in the past 12 months is somewhat higher (2%) in rural areas than in urban areas (1%). Even fewer respondents said that they had multiple sex partners in the past 12 months (0.1% of women and 1% of men).

# 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 Tamil Nadu, 87 percent use sanitary napkins, 17 percent use locally prepared napkins, 13 percent use cloth, and less than 1 percent use tampons or menstrual cup. Overall, 98 percent of women age 15-24 use a hygienic method of menstrual protection, up from 91 percent in NFHS-4. Almost similar percent of rural and urban women use a hygienic method of menstrual protection.

# **Employment and earnings**

Only 43 percent of all women age 15-49, compared with 84 percent of men, were employed in the 12 months preceding the survey. Among employed women, 95 percent earned cash, including 5 percent who earned both cash and in-kind. Three percent were not paid at all. Ninety-eight percent of men who were employed earned cash, including 4 percent who earned both cash and in-kind. Two percent of employed men were not paid at all. A large majority (87%) of employed women work in non-agricultural occupations, compared with 82 percent of employed men.

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Only 43 percent of all women age 15-49 were employed in the 12 months preceding the survey.

Among currently married women who work and are paid in cash, 87 percent decide how their earnings will be used, either alone or jointly with their husbands. More than one-third (36%) of women who work for cash and whose husbands earn in cash say that they earn more than or about the same as their husbands. Eighty-three percent of currently married men who have wives who have cash earnings report that they alone or jointly with their wives decide how her earnings are used, and nearly three-fifths (56%) of men who have cash earnings and whose wives have cash earnings say that their wife earns more than or about the same as them.

# **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 visits to their own family and relatives (86%) than decisions about major household purchases (83%) or about their own health care (82%). Overall, 73 percent of currently married women participate in making all three of these decisions, and 7 percent do not participate in making any of the three decisions. Participation in all three decisions varies most by age, increasing from 64 percent among women age 20-24 to 77 percent among women age 30-39

and 73 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 participate in making decisions about major household purchases (78%) and 67 percent participate in decisions about their own health care. Overall, 58 percent of currently married men participate in making both these decisions, while 14 percent of men do not participate in making either of these decisions.

# Other indicators of women's empowerment

In Tamil Nadu, 43 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 increases sharply with age, is much higher among women with less than five years of schooling (55%), and is highest among women who are employed for cash (62%) than any other group of women.

Ninety-two percent of women have a bank or savings account that they themselves use. Women's knowledge and use of microcredit programmes is very limited. Seventy-four percent of women know of a microcredit programme in their area, but only 18 percent have ever taken a loan from a microcredit programme.

Almost 92 percent of women have a bank or savings account that they
themselves use.

More than one-fourth (27%) of women who have a mobile phone use it for financial transactions. Urban women are more likely (32%) as likely to use a mobile phone for financial transactions, than rural women (21%). This percentage increases with education with almost half (42%) of women with 12 or more years of education using a mobile phone for financial transactions, compared with less than one-tenth of women having no schooling (5%) or less than 5-7 years of schooling (9%). Twenty-seven percent of employed women who earn cash and have a mobile phone use a mobile phone for financial transactions, compared with 20 percent of employed women who don't earn cash and have a mobile phone. Hindu women are less likely (27%) to use a mobile phone for financial transactions, compared with Christian or Muslim women (29% each). Women belonging to other backward class are much more likely (28%), and scheduled caste (25%) to use a mobile phone for financial transactions.

# **Ownership of assets**

Nearly half (47%) of women and 60 percent of men age 15-49 in Tamil Nadu own a house alone or jointly with someone else, and 22 percent of women and 26 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 areas than urban areas.

Forty-seven percent of women own a house alone or jointly with someone else, and 22 percent of women own land alone or jointly with someone else.

In Tamil Nadu, 75 percent of women have a mobile phone that they themselves use, and among women who have a mobile phone that they themselves use, 73 percent can read SMS messages. Eighty-one percent of urban women have a mobile phone they themselves use, compared with 69 percent of rural women. Mobile phone access increases substantially with education, from 45 percent among women with no schooling to 87 percent among women with 12 or more years of schooling. Only 55 percent of scheduled tribe women have a mobile phone they themselves use, compared with 68-81 percent of women belonging to any other caste/tribe group.

Seventy-five percent of women in Tamil Nadu have a mobile phone that they themselves use.

# **Gender-role attitudes**

Seventy-eight percent of women agree that a husband is justified in hitting or beating his wife under some circumstances. Women are most likely to agree that wife beating is justified if she neglects the house or children (66%), followed by if a woman shows disrespect for her in-laws (56%), and if he suspects her of being unfaithful (29%). Men are less likely to agree: 56 percent say that wife beating is justified in some circumstances, especially if the wife shows disrespect for in-laws (43%) or if she neglects the house or children (36%), and if he suspects her of being unfaithful (30%). Even among women and men who have completed at least 12 years of schooling, almost three-fourths (72%) of women and half of men say that a husband is justified in hitting or beating his wife for one or more of the specified reasons.

Eighty-one percent of women and 71 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. Four-fifths of men 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 Tamil Nadu, 41 percent of women age 18-49 have ever experienced physical violence, and 3 percent have ever experienced sexual violence. In all, 42 percent of women experienced physical or sexual violence and 2 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 (85%).

Forty-five percent of ever-married women age 18-49 in Tamil Nadu have experienced physical or sexual violence.

# Violence during pregnancy

Three 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 less than 5 years of schooling, women who are widowed, divorced, separated, or deserted, and women with 3-4 children are more likely to experience violence during pregnancy than women in any other group.

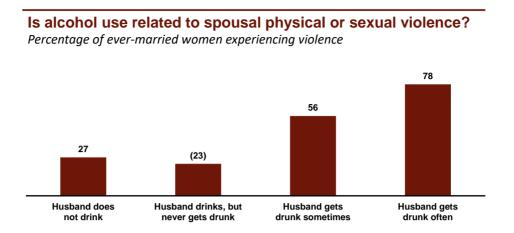
# **Spousal violence**

In Tamil Nadu, 38 percent of ever-married women age 18-49 have experienced any form of physical violence committed by their husband, 2 percent have experienced any form of sexual violence committed by their husband, and 11 percent have experienced any form of emotional violence committed by their husband. Thirty-four percent of ever-married women report having been slapped by their husband. Twelve percent each report being pushed, shaken, or having something thrown at them and being kicked, dragged, or beaten up. Nine percent experienced having their arm twisted or hair pulled, 3 percent being punched with a fist or something that could hurt her, and 1 percent report that her husband tried to choke or burn her on purpose.

Two percent of ever-married women age 18-49 report that their husbands have physically forced them to have sex even when they did not want to, and 1 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, 40 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 (8%) ever-married women 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, 28 percent of 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 (43%) than in urban areas (35%); among divorced, separated, or deserted women (67%), followed by widowed (45%) than currently married women (39%); and among women who are employed not for cash (50%). 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 (81%), displays 5-6 marital control behaviours (78%), displays 3-4 marital control behaviours (75%), gets drunk sometimes (58%), and if their husband have less than five years of schooling (60%). More than two-third of women (70%) of women who say they are afraid of their husband most of the time have experienced spousal

violence. The contextual and intergenerational aspects of spousal violence are clear from the fact that women whose mothers were beaten by their fathers are nearly twice as likely to be in abusive marriages themselves as women whose mothers were not beaten by their fathers.



One-fifth 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 doubles to 47 percent among women who have experienced both physical and sexual violence. The most common types of injuries among ever-married women who have experienced physical and sexual violence are cuts, bruises, or aches (44%); deep wounds, broken bones, broken teeth, or any other serious injury (19%); eye injuries, sprains, dislocations, or minor burns (12%); and severe burns (1%).

# **Help seeking**

Only 12 percent of women age 18-49 who have ever experienced physical or sexual violence sought help, while 7 percent never sought help but told someone. More than three-quarters (81%) never sought help and never told anyone. Among women who sought help, the main sources of help were their own family (82%), neighbour (16%), a friend (11%), or their husband's family (10%). Three 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, Tamil Nadu, 2019-21

	Resid	ence	
Result	Urban	Rural	Total
Household interviews			
Households selected	12,808	16,780	29,588
Households occupied	12,347	16,345	28,692
Households interviewed	11,806	16,123	27,929
Household response rate <sup>1</sup>	95.6	98.6	97.3
Interviews with women age 15-49			
Number of eligible women	11,115	14,980	26,095
Number of eligible women interviewed	10,879	14,771	25,650
Women response rate <sup>2</sup>	97.9	98.6	98.3
Interviews with men age 15-54			
Number of eligible men	1,568	1,985	3,553
Number of eligible men interviewed	1,459	1,913	3,372
Men response rate <sup>2</sup>	93.0	96.4	94.9

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, a	nd response rates by residence and district. Tamil	Nadu. 2019-21

	House	eholds inte	erviewed				ousenoid women		i	Number of men interviewed		
District	Urban	Rural	Total	rate <sup>1</sup>	Urban	Rural	Total	rate <sup>2</sup>	Urban	Rural	Total	- response rate <sup>2</sup>
Ariyalur	104	760	864	97.6	99	666	765	98.1	13	80	93	94.9
Chennai	743	na	743	87.9	660	na	660	94.0	101	na	101	84.9
Coimbatore	664	213	877	98.2	565	198	763	98.6	70	25	95	96.9
Cuddalore	284	592	876	96.6	299	560	859	99.0	32	66	98	100.0
Dharmapuri	154	757	911	99.8	131	696	827	99.9	16	85	101	99.0
Dindigul	352	572	924	100.0	364	587	951	99.6	55	87	142	98.6
Erode	462	415	877	97.9	407	367	774	98.6	65	45	110	94.0
Kancheepuram	503	313	816	90.9	506	290	796	94.0	60	42	102	75.6
Kanniyakumari	695	144	839	98.4	585	126	711	98.2	86	17	103	98.1
Karur	352	510	862	97.0	276	413	689	96.1	39	54	93	88.6
Krishnagiri	219	703	922	99.9	233	676	909	99.7	34	96	130	100.0
Madurai	570	344	914	99.6	534	310	844	98.6	74	57	131	98.5
Nagapattinam	182	680	862	96.3	177	617	794	98.4	17	79	96	98.0
Namakkal	360	528	888	97.7	274	426	700	99.0	43	66	109	98.2
Perambalur	134	726	860	97.4	110	614	724	98.6	15	72	87	96.7
Pudukkottai	159	736	895	98.6	138	733	871	98.3	20	81	101	94.4
Ramanathapuram	269	630	899	98.9	299	614	913	99.2	41	79	120	97.6
Salem	441	441	882	97.7	373	381	754	99.5	49	50	99	96.1
Sivaganga	285	637	922	100.0	276	611	887	99.4	35	71	106	98.1
Thanjavur	276	550	826	92.7	215	472	687	95.2	28	55	83	83.8
The Nilgiris	535	369	904	98.9	549	301	850	99.1	83	37	120	96.8
Theni	503	417	920	99.8	532	447	979	99.6	76	63	139	99.3
Thiruvallur	499	307	806	92.6	469	306	775	94.3	65	59	124	89.9
Thiruvarur	185	679	864	98.0	159	624	783	98.4	21	77	98	90.7
Thoothukkudi	410	438	848	97.6	372	402	774	98.6	46	53	99	97.1
Tiruchirappalli	396	455	851	94.3	345	419	764	99.3	40	49	89	93.7
Tirunelveli	426	447	873	98.0	386	391	777	98.7	39	53	92	93.9
Tiruppur	540	337	877	98.0	473	253	726	98.5	60	25	85	98.8
Tiruvannamalai	159	715	874	98.3	146	640	786	98.3	26	82	108	96.4
Vellore	368	512	880	98.1	373	513	886	99.1	39	69	108	95.6
Viluppuram	115	744	859	97.6	121	691	812	98.8	22	87	109	97.3
Virudhunagar	462	452	914	99.7	433	427	860	99.1	49	52	101	99.0
Tamil Nadu	11,806	16,123	27,929	97.3	10,879	14,771	25,650	98.3	1,459	1,913	3,372	94.9

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, Tamil Nadu, 2019-21

		Urban		Rural			Total		
Background characteristic	Male	Female	Total	Male	Female	Total	Male	Female	Total
Age									
0-4	6.7	5.7	6.2	8.0	6.2	7.1	7.4	6.0	6.6
5-9	7.1	6.3	6.7	7.9	6.6	7.2	7.5	6.5	7.0
10-14	7.9	6.5	7.1	8.5	6.9	7.7	8.2	6.7	7.4
15-19	7.3	7.0	7.1	7.4	7.1	7.3	7.4	7.1	7.2
20-24	7.4	7.6	7.5	6.7	7.1	6.9	7.0	7.4	7.2
25-29	7.1	7.7	7.4	7.0	7.6	7.3	7.1	7.7	7.4
30-34	7.7	7.6	7.7	7.1	7.7	7.4	7.4	7.7	7.5
35-39	7.6	8.5	8.1	7.1	8.0	7.6	7.3	8.2	7.8
40-44	7.0	7.8	7.4	6.6	6.9	6.8	6.8	7.3	7.1
45-49	7.6	7.6	7.6	6.3	7.5	6.9	6.9	7.6	7.2
50-54	6.2	6.7	6.5	5.8	6.5	6.2	6.0	6.6	6.3
55-59	5.8	6.8	6.3	6.0	6.6	6.3	5.9	6.7	6.3
60-64	5.2	5.1	5.1	5.3	5.5	5.4	5.3	5.3	5.3
65-69	3.9	3.8	3.8	4.1	3.7	3.9	4.0	3.7	3.9
70-74	2.9	2.5	2.7	3.0	2.8	2.9	2.9	2.7	2.8
75-79	1.4	1.4	1.4	1.6	1.5	1.5	1.5	1.4	1.5
80 and over	1.2	1.5	1.3	1.6	1.7	1.6	1.4	1.6	1.5
Total	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Aadhaar card									
Percentage with an Aadhaar card	94.7	95.7	95.2	94.4	95.2	94.8	94.6	95.5	95.0
Number	22,065	23,425	45,492	23,466	26,111	49,579	45,531	49,536	95,071
Sex ratio, all ages <sup>1</sup>	na	na	1,062	na	na	1,113	na	na	1,088
Sex ratio, age 0-6 years <sup>1</sup>	na	na	895	na	na	881	na	na	888
Schooling <sup>2</sup>									
No schooling	5.9	13.1	9.7	11.9	25.5	19.1	9.0	19.6	14.6
<5 years complete	11.9	12.9	12.4	15.1	14.7	14.9	13.6	13.8	13.7
5-9 years complete	32.5	30.0	31.2	37.3	30.2	33.5	35.0	30.1	32.4
10-11 years complete	16.0	13.6	14.8	13.9	10.7	12.2	14.9	12.1	13.4
12 or more years complete	33.6	30.4	31.9	21.8	18.9	20.2	27.5	24.3	25.9
Don't know	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Number	20,284	21,858	42,143	21,261	24,190	45,453	41,544	46,047	87,595
Median number of years of schooling completed	8.9	8.0	8.5	7.3	5.2	6.5	8.0	7.0	7.5

Note: The total columns include transgender persons, who are not shown separately in the male and female columns.

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, Tamil Nadu, 2019-21

	United	Dunal	Tatal	De jure
Household and housing characteristic	Urban	Rural	Total	populatio
Household headship				
Male	79.1	74.0	76.4	82.4
Female	20.9	26.0	23.6	17.6
Total	100.0	100.0	100.0	100.0
Mean household size	3.4	3.4	3.4	na
Household structure <sup>1</sup>				
Nuclear	71.2	68.0	69.5	58.2
Non-nuclear	28.8	32.0	30.5	41.8
Total	100.0	100.0	100.0	100.0
Religion of household head				
Hindu	86.7	94.9	91.0	90.8
Muslim	5.6	1.3	3.3	3.5
Christian	7.6	3.8	5.6	5.7
Other	0.2	0.0	0.1	0.1
Total	100.0	100.0	100.0	100.0
Caste/tribe of household head				
Scheduled caste	19.6	33.3	26.7	27.6
Scheduled tribe	1.2	2.6	1.9	1.9
Other backward class	75.2	62.5	68.6	67.9
Other	3.0	1.1	2.0	1.9
Don't know	1.0	0.5	0.7	0.6
Total	100.0	100.0	100.0	100.0
Electricity				
Yes	99.4	98.6	99.0	99.3
No	0.6	1.4	1.0	0.7
Total	100.0	100.0	100.0	100.0
Source of drinking water				
Improved source	99.1	98.2	98.6	98.6
Piped water into dwelling/yard/plot	38.7	31.6	35.0	35.4
Piped to neighbour	1.5	1.6	1.5	1.4
Public tap/standpipe	29.0	53.4	41.7	41.2
Tube well or borehole	6.1	3.9	5.0	5.1
Other improved <sup>2</sup>	23.8	7.7	15.4	15.5
Unimproved source	0.9	1.7	1.3	1.3
Unprotected dug well	0.1	0.7	0.5	0.5
Unprotected spring	0.0	0.1	0.1	0.1
Surface water	0.7	0.9	0.8	0.8
Other source	0.1	0.1	0.1	0.1
Total	100.0	100.0	100.0	100.0

## Table 4 Household and housing characteristics—Continued

Percent distribution of urban, rural, and total households and *de jure* population by household and housing characteristics, Tamil Nadu, 2019-21

Household and housing characteristic	Urban	Rural	Total	<i>De jure</i> population
	0. Juli			μοραίατιο
Time to obtain drinking water (round trip)				
Water on premises/delivered to dwelling	76.2	59.3	67.4	67.7
Less than 30 minutes	20.5	35.2	28.1	27.7
Thirty minutes or longer	3.2	5.6	4.4	4.5
Don't know	0.1	0.0	0.0	0.0
Total	100.0	100.0	100.0	100.0
Percentage with basic drinking water service <sup>3</sup>	95.9	93.1	94.4	94.3
Percentage with limited drinking water service <sup>4</sup>	3.2	5.2	4.2	4.3
Water treatment prior to drinking <sup>5</sup>				
Boil	49.4	45.5	47.4	48.0
Bleach or chlorine tablets	0.8	0.8	0.8	0.8
Strain through cloth	7.1	8.6	7.9	8.0
Use ceramic, sand, or other water filter	6.0	3.1	4.5	4.7
Use electronic purifier	10.3	3.1	6.5	7.0
Use solar disinfection	0.0	0.0	0.0	0.0
Allow water to stand and settle	0.8	0.9	0.8	0.8
Other	1.1	0.9	1.0	1.0
No treatment	37.3	47.7	42.7	41.8
Percentage using an appropriate treatment method <sup>6</sup>	60.1	49.2	54.4	55.4
Sanitation Facility				
Improved, not shared facility	81.6	61.6	71.2	72.6
Flush/pour flush to piped sewer system, septic tank, or pit latrine	78.0	53.1	65.1	66.4
Flush/pour flush, don't know where	0.5	0.2	0.3	0.3
Pit latrine with slab	2.3	4.0	3.2	3.2
Other <sup>7</sup>	0.8	4.3	2.6	2.7
Shared facility <sup>8</sup>	6.2	3.1	4.6	4.1
Flush/pour flush to piped sewer system, septic tank, or pit latrine	5.9	2.5	4.1	3.7
Flush/pour flush, don't know where	0.0	0.0	0.0	0.0
Pit latrine with slab	0.1	0.4	0.3	0.2
Other <sup>7</sup>	0.2	0.2	0.2	0.2
Unimproved	2.0	1.4	1.7	1.6
Flush/pour flush not to piped sewer system, septic tank, or pit latrine	1.5	0.7	1.1	1.1
Pit latrine without slab/open pit	0.2	0.5	0.3	0.3
Dry toilet	0.0	0.1	0.1	0.1
Other	0.3	0.1	0.2	0.2
No facility/uses open spaces/field	10.1	33.9	22.5	21.7
Total	100.0	100.0	100.0	100.0
Percentage with basic sanitation service <sup>9</sup>	81.6	61.6	71.2	72.6
Percentage with limited sanitation service <sup>10</sup>	6.2	3.1	4.6	4.1
				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, Tamil Nadu, 2019-21

Household and housing characteristic	Urban	Rural	Total	De jure populatior
	orban	Rurur	Total	population
Гуре of house <sup>11</sup>				
Kachha	0.9	3.2	2.1	1.8
Semi- <i>pucca</i>	6.0	13.4	9.8	9.2
Pucca	93.1	83.1	87.9	88.8
Missing	0.1	0.3	0.2	0.1
Total	100.0	100.0	100.0	100.0
Persons per room used for sleeping				
<3	69.6	65.4	67.4	58.3
3-4	25.1	26.2	25.7	30.6
5-6	4.9	7.5	6.3	9.7
7 and over	0.4	0.9	0.6	1.3
Total	100.0	100.0	100.0	100.0
Cooking fuel				
Electricity	0.4	0.7	0.6	0.5
LPG/natural gas	92.3	72.6	82.0	83.3
Biogas	0.2	0.3	0.2	0.3
Kerosene	0.9	1.1	1.0	0.8
Coal/lignite	0.1	0.2	0.1	0.1
Charcoal	0.2	1.0	0.6	0.6
Wood	5.0	22.7	14.2	13.7
Straw/shrubs/grass	0.2	0.1	0.2	0.1
Agricultural crop waste	0.1	0.4	0.3	0.2
Dung cakes	0.0	0.0	0.0	0.0
No food cooked in the household	0.8	0.8	0.8	0.3
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>	92.9	73.6	82.9	84.1
Percentage using solid fuel for cooking <sup>13</sup>	5.5	24.5	15.4	14.8
Place for cooking				
In the house, separate room	81.6	57.9	69.2	71.0
In the house, no separate room	11.1	18.7	15.0	13.7
In a separate building	3.2	6.3	4.8	5.1
Outdoors	3.3	16.4	10.1	10.0
No food cooked in household	0.8	0.8	0.8	0.3
Other	0.0	0.0	0.0	0.0
Total	100.0	100.0	100.0	100.0
lumber	13,371	14,558	27,929	94,767
				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, Tamil Nadu, 2019-21

Household and housing characteristic	Urban	Rural	Total	<i>De jure</i> population
Type of fire/stove among households using solid fuels <sup>13</sup>				
Stove	6.7	3.2	3.8	3.7
Chullah	71.4	74.7	74.1	74.8
Open fire	21.6	22.1	22.0	21.4
Other	0.4	0.1	0.2	0.1
Total	100.0	100.0	100.0	100.0
Number using solid fuel	729	3,563	4,292	14,034
Frequency of smoking in the house <sup>14</sup>				
Daily	7.4	9.6	8.5	9.1
Weekly	3.5	4.2	3.9	4.2
Monthly	0.9	1.2	1.1	1.2
Less than monthly	1.0	1.2	1.1	1.2
Never	87.2	83.8	85.4	84.3
Total	100.0	100.0	100.0	100.0
Number	13,371	14,558	27,929	94,767

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 highquality 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

## Table 5 Access to a toilet facility

Percentage of households having access to a toilet facility by selected background characteristics, according to residence, Tamil Nadu, 2019-21

Background characteristic	Urban	Rural	Total
Religion of household head			
Hindu	91.7	71.0	80.5
Muslim	96.4	89.7	95.1
Christian	95.5	81.7	90.7
Other	*	*	(90.6)
Caste/tribe of household head			
Scheduled caste	81.0	62.2	68.8
Scheduled tribe	84.7	59.4	66.8
Other backward class	95.0	77.0	86.5
Other	98.0	84.0	94.1
Don't know	98.1	69.5	88.3
Total	92.3	71.7	81.5

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 6 Access to a toilet facility by district

Percentage of households having access to a toilet facility by district, according to residence, Tamil Nadu, 2019-21

_	Residence						
District	Urban	Rural	Total				
Ariyalur	72.1	57.3	58.5				
Chennai	98.7	*	98.7				
Coimbatore	95.9	81.5	92.4				
Cuddalore	87.6	60.1	69.4				
Dharmapuri	83.5	76.6	77.8				
Dindigul	75.7	71.1	72.8				
Erode	91.4	87.0	88.5				
Kancheepuram	94.8	65.8	84.9				
Kanniyakumari	98.2	99.1	98.4				
Karur	81.7	75.0	77.6				
Krishnagiri	95.5	75.6	80.7				
Madurai	99.3	74.9	89.3				
Nagapattinam	77.2	75.2	75.8				
Namakkal	86.3	82.2	83.9				
Perambalur	77.5	61.1	63.8				
Pudukkottai	85.3	55.7	62.4				
Ramanathapuram	87.6	83.4	84.7				
Salem	88.0	61.5	74.6				
Sivaganga	87.1	72.7	77.8				
Thanjavur	96.4	81.0	86.0				
The Nilgiris	88.0	93.1	90.2				
Theni	90.4	77.0	83.9				
Thiruvallur	96.0	71.4	88.3				
Thiruvarur	92.7	72.6	76.1				
Thoothukkudi	93.7	75.0	84.2				
Tiruchirappalli	89.2	67.8	78.1				
Tirunelveli	89.2	81.9	85.1				
Tiruppur	94.2	78.8	88.0				
Tiruvannamalai	83.6	62.3	67.5				
Vellore	93.7	74.2	81.7				
Viluppuram	81.2	57.2	61.8				
Virudhunagar	82.7	54.8	68.5				
Tamil Nadu	92.3	71.7	81.5				

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.

#### 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, Tamil Nadu, 2019-21

Household possessions	Urban	Rural	Total	<i>De jure</i> population
	01001			population
Household goods				
Mattress	69.9	47.5	58.2	61.4
Pressure cooker	85.8	65.0	74.9	78.8
Chair	93.2	87.4	90.2	91.6
Cot or bed	86.7	77.9	82.1	83.6
Table	59.8	40.9	50.0	52.0
Electric fan	97.4	94.2	95.8	96.8
Radio or transistor	9.2	8.2	8.7	9.3
Television (black and white)	1.4	1.5	1.4	1.5
Television (colour)	93.6	86.9	90.1	92.9
Any television	94.4	88.0	91.1	93.8
Sewing machine	21.6	14.7	18.0	20.9
Mobile telephone	95.7	90.1	92.8	96.1
Landline telephone	3.6	1.0	2.2	2.4
Internet	63.7	46.7	54.8	61.9
Computer	24.5	15.1	19.6	22.6
Refrigerator	67.0	42.5	54.2	59.2
Air conditioner/cooler	20.0	4.8	12.0	12.8
Washing machine	39.5	10.6	24.5	26.7
Watch or clock	93.8	86.5	90.0	92.0
Water pump	93.8 11.6	6.7	9.0	9.4
Thresher	0.2	0.2	0.2	0.2
Tractor		1.4		1.1
None of the above	0.3 0.2	0.8	0.9 0.5	0.2
Means of transport				
Bicycle	42.6	44.0	43.3	48.6
Motorcycle or scooter	67.6	60.5	63.9	71.1
Animal-drawn cart	0.5	0.7	0.6	0.7
Car	9.9	3.3	6.5	7.3
None of the above	20.1	25.5	22.9	16.3
Agricultural land				
No agricultural land	91.8	69.8	80.3	79.1
Irrigated land only	5.2	20.5	13.2	14.0
Non-irrigated land only	2.1	7.2	4.8	5.1
Both irrigated and non-irrigated land	0.2	1.2	0.7	0.8
Irrigation not determined	0.7	1.3	1.0	1.1
Total	100.0	100.0	100.0	100.0
ercentage owning a house	55.8	76.2	66.4	67.5
Percentage owning farm animals <sup>1</sup>	9.9	38.9	25.1	27.9
Percentage having a bank account/post office account <sup>2</sup>	96.5	96.6	96.6	97.5
Percentage covered by a health insurance/financing scheme <sup>3</sup>	61.1	71.4	66.5	67.7
Percentage having a BPL card	17.3	27.6	22.7	23.4
Percentage with an LLIN mosquito net	4.2	3.6	3.9	4.4
Number	13,371	14,558	27,929	94,767

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 Preschool attendance

Percent of *de facto* household population age 2-4 years attending preschool by selected background characteristics, according to residence and sex, Tamil Nadu, 2019-21

		Urban			Rural			Total	
Background characteristic	Male	Female	Total	Male	Female	Total	Male	Female	Total
Religion of household head									
Hindu	34.9	33.0	34.0	35.1	34.0	34.6	35.0	33.6	34.3
Muslim	21.6	17.2	19.1	(29.1)	*	(27.5)	23.7	18.0	20.8
Christian	24.8	35.7	29.4	(25.9)	(32.3)	28.6	25.2	34.4	29.1
Caste/tribe of household head									
Scheduled caste	32.2	30.6	31.5	33.9	30.6	32.4	33.4	30.6	32.1
Scheduled tribe	*	*	*	*	*	(26.3)	(37.7)	(15.1)	28.9
Other backward class	32.8	32.1	32.5	34.9	37.1	35.9	33.9	34.4	34.1
Other	*	*	(51.4)	*	*	*	(45.8)	*	45.6
Household structure <sup>1</sup>									
Nuclear	29.9	31.7	30.8	33.1	32.1	32.6	31.6	31.9	31.7
Non-nuclear	37.4	32.4	35.0	36.1	35.6	35.9	36.7	34.2	35.5
Family size									
1-2 members	*	*	*	*	*	(30.2)	*	*	(31.3)
3-5 members	33.8	31.0	32.4	35.3	34.2	34.8	34.6	32.6	33.7
6 or more members	32.4	34.7	33.5	33.3	33.1	33.2	32.9	33.8	33.3
Total	33.4	32.0	32.7	34.6	33.9	34.3	34.1	33.0	33.6

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 in households with the household head belonging to other religions and households with household head whose caste/tribe is not known, who are not shown separately.

<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 preschool by district, according to residence and sex, Tamil Nadu, 2019-21

-		Urban			Rural			Total	
District	Male	Female	Total	Male	Female	Total	Male	Female	Tota
Arivalur	*	*	*	36.4	26.2	31.4	37.1	24.1	30.8
Ariyalur			23.4	30.4 *	20.2	31.4 *			23.4
Chennai Coimbatore	(17.2) (18.4)	(28.8) (26.4)	23.4 21.7	*	*	*	(17.2) 17.7	(28.8)	23.4 18.8
Cuddalore	(18.4) *	(26.4)		48.8		47.6	17.7 51.4	(20.4) 47.5	49.6
	*	(50.1)	(53.7) *		(45.8)	-			
Dharmapuri				25.3 33.7	22.1	23.8 31.4	22.0	23.6 29.0	22.8
Dindigul Erode	(48.1)	(30.7)	39.0 27.2	33.7 *	(28.1)		37.5		33.8
	(23.1)	(32.4) (52.2)	27.2	*	(28.1) *	(15.0)	12.2	30.0	20.4
Kancheepuram	(60.9)	(53.2)	56.8	*	*	(53.6) *	59.9	51.8	55.8
Kanniyakumari	23.9 *	(28.0) *	25.8				20.8	25.8	23.1
Karur Kaiahaa airi	*	*	(28.2)	(53.1)	(55.7)	54.3	44.3	(43.7)	44.0
Krishnagiri			(17.8)	18.2 *	20.3 *	19.5	19.2	19.0	19.1
Madurai	(22.4) *	(14.3) *	19.1			(36.7)	26.4	28.0	27.1
Nagapattinam	*	*	(62.5)	59.1	(36.7) *	49.5	60.4	46.9	54.1
Namakkal	*	*	(26.7) *	(37.0)		39.8	33.9	(36.4)	35.0
Perambalur	*	*	*	(45.8)	(38.5)	41.9	49.6	41.2	45.1
Pudukkottai	*			36.9	50.4	43.0	36.9	47.6	41.6
Ramanathapuram		(28.9) *	28.5	29.3	(13.0) *	22.6	29.0	19.2	24.6
Salem	(23.0) *	*	(20.3)	(39.1)		36.1	31.2	(24.6)	28.7
Sivaganga	*		(16.8)	(24.9)	27.4	26.3	24.8	23.3	24.0
Thanjavur		*	(57.4)	(30.2)	(43.9)	37.4	(42.2)	42.4	42.3
The Nilgiris	(4.4)	(9.2)	7.2	*	*	(21.2)	12.2	12.5	12.4
Theni	(45.8)	35.2	39.6	(46.8)	(37.1)	41.6	46.2	35.9	40.4
Thiruvallur	(66.4)	(47.3)	57.1	(53.2)	(74.7)	63.0	61.6	56.4	59.1
Thiruvarur	*	*	*	(16.7)	(31.5)	24.8	(16.3)	30.4	23.6
Thoothukkudi	(24.8)	(16.6)	21.0	(11.9)	*	13.8	17.5	(16.9)	17.2
Tiruchirappalli	(51.8)	*	(51.3)	(64.6)	(53.2)	60.2	60.1	52.1	56.7
Tirunelveli	(24.6)	*	(16.1)	(12.7)	(22.0)	17.1	16.8	16.7	16.8
Tiruppur	(12.5) *	*	14.8 *	*	*	(20.4)	13.9	(21.1)	16.8
Tiruvannamalai		*		34.1	23.8	29.0	33.4	26.9	30.5
Vellore	(28.8)		25.8	(15.0)	(14.0)	14.5	21.4	17.1	19.3
Viluppuram	*	*	*	58.4	(63.9)	60.3	56.6	(60.6)	58.0
Virudhunagar	(21.4)	(32.1)	26.5	(22.1)	*	23.2	21.8	(29.2)	24.7
Tamil Nadu	33.4	32.0	32.7	34.6	33.9	34.3	34.1	33.0	33.6

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, Tamil Nadu, 2019-21

		Male			Female			Total	
Background characteristic	Urban	Rural	Total	Urban	Rural	Total	Urban	Rural	Tota
Age									
6-10 (Primary)	97.6	98.3	98.0	97.5	98.4	98.0	97.5	98.4	98.0
6-13 (Elementary)	97.1	97.8	97.5	97.9	97.8	97.8	97.5	97.8	97.7
11-13 (Upper Primary)	96.3	97.0	96.7	98.6	96.7	97.6	97.4	96.8	97.1
14-15 (Secondary)	83.4	86.2	84.9	95.3	87.3	91.0	89.3	86.8	88.0
16-17 (Higher Secondary)	68.6	67.7	68.1	75.6	65.4	70.0	72.0	66.5	69.1
11-14 years	93.9	95.3	94.6	98.7	94.9	96.7	96.2	95.1	95.6
15-17 years	72.8	72.7	72.7	80.9	71.8	76.0	76.7	72.2	74.3
6-14 years	95.9	97.0	96.5	98.0	96.9	97.4	97.0	96.9	96.9
6-17 years	90.1	91.3	90.7	93.7	90.4	91.9	91.8	90.9	91.3
Religion of household head									
Hindu	90.1	91.1	90.7	93.7	90.2	91.7	91.9	90.7	91.2
Muslim	88.3	98.0	90.2	90.3	86.0	89.4	89.3	91.8	89.8
Christian	90.7	95.3	92.3	96.4	94.9	95.9	93.5	95.1	94.0
Caste/tribe of household head									
Scheduled caste	86.1	90.1	88.7	92.4	90.7	91.3	89.2	90.4	90.0
Scheduled tribe	(83.4)	83.5	83.5	(85.0)	84.5	84.6	84.1	84.1	84.1
Other backward class	91.2	92.3	91.7	93.9	90.2	92.2	92.5	91.3	91.9
Other	95.9	92.7	94.6	98.3	96.9	97.8	97.2	94.8	96.3

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

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).

## 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, Tamil Nadu, 2019-21

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
A.g.o							
Age <5 years	81.6	17.3	0.3	0.8	100.0	1.2	6,148
5-9 years	81.6	15.2	1.1	2.1	100.0	3.2	6,592
10-14 years	79.4	16.0	1.7	3.0	100.0	6.8	7,031
15-17 years	77.8	15.7	2.1	4.4	100.0	8.6	4,142
Residence							
Urban	84.8	12.7	0.8	1.7	100.0	3.9	10,969
Rural	76.5	18.9	1.6	3.0	100.0	5.3	12,944
Sex							
Male	80.2	16.2	1.2	2.4	100.0	5.0	12,430
Female	80.4	15.9	1.2	2.5	100.0	4.4	11,483
Total age <15 years	80.8	16.1	1.0	2.0	100.0	3.9	19,772
Total age <18 years	80.3	16.1	1.2	2.4	100.0	4.7	23,913

<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 5

Percentage of *de jure* children under age 5 years whose birth was registered with the civil authorities, according to background characteristics, Tamil Nadu, 2019-21

		age of children h was register		
Background characteristic	Registered, has a birth certificate	Registered, does not have a birth certificate	Total registered	<i>De jure</i> children
Age				
<2	80.6	16.3	96.9	2,456
2-4	95.5	3.8	99.2	3,693
Sex				
Male	90.6	7.8	98.4	3,266
Female	88.3	9.8	98.1	2,882
Residence				
Urban	89.1	9.2	98.3	2,742
Rural	89.8	8.4	98.3	3,406
Total	89.5	8.8	98.3	6,148

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

		ntage of children v irth was registere		
	Registered,	Registered,		
	has a birth	does not have a	Total	De jure
District	certificate	birth certificate	registered	children
Ariyalur	89.0	8.5	97.5	65
Chennai	83.7	14.5	98.1	291
Coimbatore	92.2	6.2	98.4	243
Cuddalore	91.3	7.8	99.1	252
Dharmapuri	84.5	8.5	93.0	160
Dindigul	89.1	8.8	97.9	262
Erode	92.9	6.7	99.6	244
Kancheepuram	86.0	11.4	97.5	343
Kanniyakumari	94.9	4.0	98.9	137
Karur	91.0	7.6	98.6	68
Krishnagiri	92.1	6.6	98.7	174
Madurai	93.2	6.8	100.0	290
Nagapattinam	82.8	16.3	99.1	168
Namakkal	85.3	12.3	97.6	128
Perambalur	93.3	6.1	99.3	41
Pudukkottai	89.2	9.3	98.4	149
Ramanathapuram	88.6	10.5	99.0	150
Salem	90.1	7.2	97.4	225
Sivaganga	91.8	7.0	98.8	123
Thanjavur	90.4	9.0	99.3	164
The Nilgiris	93.9	4.8	98.7	56
Theni	92.6	6.6	99.1	154
Thiruvallur	82.2	14.7	97.0	398
Thiruvarur	89.9	7.3	97.2	81
Thoothukkudi	93.5	6.0	99.5	142
Tiruchirappalli	94.8	3.6	98.4	231
Tirunelveli	92.4	7.6	100.0	238
Tiruppur	88.3	8.6	96.9	170
Tiruvannamalai	91.5	6.1	97.6	174
Vellore	88.4	8.1	96.4	377
Viluppuram	89.1	10.9	100.0	281
Virudhunagar	94.6	5.4	100.0	167
Tamil Nadu	89.5	8.8	98.3	6,148

Percentage of *de jure* children under age 5 years whose birth was registered with the civil authorities, by district, Tamil Nadu, 2019-21

#### 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, Tamil Nadu, 2019-21

		Urban			Rural			Total	
Background characteristic	Male	Female	Total	Male	Female	Total	Male	Female	Total
Age at death									
0-4	94.8	92.2	93.7	90.5	90.1	90.4	92.2	91.0	91.7
15-24	*	*	*	(94.3)	*	(85.7)	(94.8)	(81.6)	89.8
20-24	*	*	*	*	*	(82.7)	(93.5)	*	(88.7)
25-34	*	*	(100.0)	(99.5)	*	97.6	99.7	*	98.4
35 and over	95.8	93.7	94.9	94.0	88.4	91.7	94.8	90.8	93.1
Religion of household head									
Hindu	96.0	93.2	94.8	94.0	88.3	91.7	94.8	90.4	93.0
Muslim	(96.2)	*	96.1	*	*	*	96.7	(93.1)	95.6
Christian	93.1	(97.1)	94.9	(84.0)	*	87.1	89.1	95.9	91.9
Caste/tribe of household head									
Scheduled caste	93.0	96.7	94.6	94.5	90.1	92.9	94.1	92.3	93.4
Scheduled tribe	*	*	*	*	*	(84.4)	(92.6)	*	(86.7)
Other backward class	96.3	93.8	95.3	93.2	87.7	90.9	94.7	90.7	93.0
Other	*	*	*	*	*	*	(96.2)	*	(97.5)
Total	95.8	93.6	94.9	93.6	88.4	91.6	94.5	90.8	93.0

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 deaths of persons age 5-9 or 10-14 or 15-19, persons belonging to other religions, and persons who don't know their caste/tribe, which are not shown separately.

## 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, Tamil Nadu, 2019-21

<u>-</u>		Urban			Rural			Total	
District	Male	Female	Total	Male	Female	Total	Male	Female	Total
Ariyalur	*	*	*	(92.4)	90.8	91.6	92.2	91.1	91.7
Chennai	(100.0)	*	(98.7)	*	*	*	(100.0)	*	(98.7)
Coimbatore	(92.5)	*	94.6	*	*	(100.0)	94.6	(100.0)	96.2
Cuddalore	*	*	(92.3)	(81.6)	(75.9)	79.5	84.1	(82.3)	83.3
Dharmapuri	*	*	*	(88.4)	(78.8)	84.3	(90.7)	(81.9)	87.1
Dindigul	*	*	(95.1)	(100.0)	(96.0)	97.9	98.5	95.4	97.0
Erode	*	*	(84.7)	*	*	(97.3)	(94.2)	(92.5)	93.7
Kancheepuram	(100.0)	(92.1)	96.2	*	*	(88.7)	(98.5)	(88.3)	93.8
Kanniyakumari	(100.0)	(100.0)	100.0	*	*	*	100.0	(100.0)	100.0
Karur	*	*	(97.2)	(91.8)	*	94.6	92.5	(100.0)	95.6
Krishnagiri	*	*	*	(93.3)	(100.0)	95.9	94.6	(95.1)	94.8
Madurai	*	*	(100.0)	*	*	(95.8)	(96.2)	(100.0)	97.9
Nagapattinam	*	*	*	(88.9)	(88.8)	88.9	86.2	(89.4)	87.6
Namakkal	*	*	(91.7)	(100.0)	(87.6)	94.4	(97.6)	(88.2)	93.5
Perambalur	*	*	*	97.3	(93.3)	95.8	96.3	(90.1)	94.0
Pudukkottai	*	*	*	91.7	80.1	86.4	93.4	79.2	86.9
Ramanathapuram	*	*	*	(90.5)	(85.1)	87.9	87.5	(88.2)	87.8
Salem	*	*	(97.9)	(86.6)	*	(86.3)	(91.8)	(91.9)	91.9
Sivaganga	*	*	(94.7)	(93.1)	(82.7)	88.8	95.2	(82.9)	90.4
Thanjavur	*	*	*	(91.5)	(66.9)	79.9	(93.1)	(70.9)	82.6
The Nilgiris	(100.0)	*	97.1	*	*	(95.9)	98.4	(94.0)	96.6
Theni	(86.6)	(100.0)	92.7	*	*	(95.5)	89.7	98.2	93.8
Thiruvallur	(95.9)	*	(95.2)	*	*	(93.0)	(94.5)	(94.0)	94.3
Thiruvarur	*	*	*	96.6	(63.1)	84.2	97.1	(70.8)	86.8
Thoothukkudi	(87.6)	*	85.1	(97.7)	*	98.2	93.4	(88.1)	91.9
Tiruchirappalli	*	(89.7)	(94.3)	(94.3)	(96.7)	95.4	96.6	93.3	94.9
Tirunelveli	*	*	(98.3)	*	*	(98.4)	(98.3)	(98.3)	98.3
Tiruppur	(97.8)	*	(98.5)	*	*	(100.0)	98.7	(100.0)	99.2
Tiruvannamalai	*	*	*	(93.4)	(84.5)	89.1	(95.1)	(87.1)	91.6
Vellore	(91.5)	(96.2)	93.5	(90.4)	(89.3)	89.9	90.9	92.5	91.6
Viluppuram	*	*	*	96.6	(86.7)	93.2	97.1	(84.9)	93.0
Virudhunagar	(94.2)	*	91.2	(92.1)	*	(92.2)	93.1	(88.9)	91.7
Tamil Nadu	95.8	93.6	94.9	93.6	88.4	91.6	94.5	90.8	93.0

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, Tamil Nadu, 2019-21

			Т	ype of disabilit	τ <b>γ</b>			_
Background characteristic	Any	Hearing disability	Speech disability	Visual disability	Mental disability	Locomotor	Other	Number of persons
			FE	MALE				
Residence								
Urban	0.9	0.3	0.2	0.1	0.1	0.3	0.1	23,226
Rural	1.2	0.4	0.2	0.1	0.3	0.3	0.1	25,919
Age								
0-4	0.1	0.0	0.0	0.0	0.1	0.1	0.0	2,883
5-14	0.5	0.1	0.2	0.0	0.1	0.1	0.0	6,500
15-24	0.8	0.1	0.3	0.0	0.4	0.2	0.1	7,023
25-34	1.1	0.2	0.3	0.0	0.4	0.3	0.1	7,475
35-49	1.1	0.3	0.1	0.1	0.2	0.4	0.2	11,428
50-69	1.2	0.5	0.1	0.2	0.1	0.3	0.1	11,045
70 and over	3.1	1.9	0.0	0.5	0.0	0.9	0.0	2,790
Total	1.1	0.3	0.2	0.1	0.2	0.3	0.1	49,144
			Ν	/IALE				
Residence								
Urban	1.4	0.3	0.3	0.1	0.3	0.5	0.2	22,093
Rural	1.4	0.4	0.3	0.1	0.3	0.5	0.2	23,529
								,
Age								
0-4	0.2	0.0	0.1	0.0	0.1	0.0	0.0	3,266
5-14	0.9	0.1	0.3	0.1	0.4	0.2	0.1	7,124
15-24	1.4	0.2	0.3	0.1	0.5	0.4	0.1	6,552
25-34	1.1	0.2	0.3	0.0	0.4	0.3	0.1	6,615
35-49	2.0	0.4	0.4	0.2	0.3	0.9	0.2	9,681
50-69	1.7	0.5	0.2	0.2	0.2	0.5	0.3	9,712
70 and over	3.6	1.8	0.2	0.6	0.2	0.8	0.2	2,672
Total	1.5	0.4	0.3	0.2	0.3	0.5	0.2	45,622
			т	OTAL				
Residence								
Urban	1.2	0.3	0.2	0.1	0.2	0.4	0.1	45,319
Rural	1.4	0.4	0.2	0.1	0.3	0.4	0.1	49,448
Age								
0-4	0.2	0.0	0.1	0.0	0.1	0.1	0.0	6,150
5-14	0.7	0.1	0.2	0.1	0.3	0.2	0.1	13,624
15-24	1.1	0.1	0.3	0.1	0.4	0.3	0.1	13,574
25-34	1.1	0.2	0.3	0.0	0.4	0.3	0.1	14,090
35-49	1.5	0.3	0.3	0.2	0.3	0.6	0.2	21,110
50-69	1.5	0.5	0.1	0.2	0.1	0.4	0.2	20,757
70 and over	3.4	1.9	0.1	0.5	0.1	0.8	0.1	5,462
Total	1.3	0.4	0.2	0.1	0.2	0.4	0.1	94,767

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, Tamil Nadu, 2019-21
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	Weighted	percent	Number o	of women	Numbe	r of men
Background characteristic	Women	Men	Weighted	Unweighted	Weighted	Unweighted
Age						
15-19	13.3	14.1	3,413	3,390	423	444
20-24	13.9	13.1	3,557	3,597	391	386
25-29	14.4	14.8	3,691	3,699	443	429
30-34	14.4	15.7	3,689	3,682	470	453
35-39	15.5	15.7	3,976	3,972	471	471
40-44	14.0	13.9	3,603	3,593	416	414
45-49	14.5	12.8	3,721	3,717	385	396
Residence						
Urban	48.2	47.8	12,361	10,879	1,435	1,302
Rural	51.8	52.2	13,289	14,771	1,564	1,691
Schooling						
No schooling	9.5	4.0	2,427	2,553	120	119
<5 years complete	5.2	3.8	1,331	1,330	114	110
5-9 years complete	28.8	33.1	7,382	7,476	993	1,002
10-11 years complete	17.0	18.9	4,364	4,370	567	576
12 or more years complete	39.6	40.2	10,146	9,921	1,205	1,186
Literacy						
Literate <sup>1</sup>	84.0	90.7	21,556	21,462	2,720	2,700
Not literate	15.8	9.0	4,056	4,156	269	284
Not measured	0.1	0.3	38	32	9	9
Percentage exposed to various media						
Reads a newspaper/magazine at least once a week	14.5	33.7	3,721	3,577	1,010	1,048
Watches television at least once a week	83.4	78.6	21,387	21,122	2,356	2,348
Listens to the radio at least once a week	7.2	12.9	1,844	1,845	388	371
Visits the cinema/theatre at least once a month	11.1	28.8	2,846	2,476	863	838
Not regularly exposed to any media	12.6	12.2	3,222	3,510	366	374
Marital status		~~ -				
Never married	21.6	38.7	5,539	5,394	1,161	1,168
Currently married	72.0	60.1	18,472	18,537	1,801	1,790
Married, gauna not performed	0.0	0.0	9	13	0	0
Widowed	4.5	0.3	1,151	1,217	9	11
Divorced/separated/deserted	1.9	0.9	478	489	28	24
Religion	00.5	00.0	22.246	22.222	0 7-0	
Hindu	90.9	92.6	23,316	23,333	2,776	2,754
Muslim	3.5	3.6	902	941	108	111
Christian	5.5	3.8	1,409	1,358	115	128
Other	0.1	0.0	22	18	0	0

# Table 17 Background characteristics of respondents—Continued

Percent distribution of women and men age 15-49 by selected background characteristics, Tamil Nadu, 2019-21
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	Weighted	d percent	Number o	of women	Number of men		
Background characteristic	Women	Men	Weighted	Unweighted	Weighted	Unweighted	
Casta (triba							
Caste/tribe Scheduled caste	28.5	28.4	7,315	7,233	852	843	
Scheduled tribe	28.5	3.5	545	456	105	81	
Other backward class	67.2	66.9	17,233	17,444	2,006	2,025	
Other	1.9	1.0	490	456	31	39	
Don't know	0.3	0.2	490 67	430	6	5	
Don't know	0.5	0.2	07	01	0	5	
Total age 15-49	100.0	100.0	25,650	25,650	2,999	2,993	
Age 50-54	na	11.1	na	na	373	379	
Total age 15-54	na	100.0	na	na	3,372	3,372	
Employment status (past 12 months)							
Employed at any time	42.8	83.5	1,622	1,677	2,505	2,459	
In agricultural occupation	5.5	15.1	208	184	453	531	
In non-agricultural occupation	36.3	66.7	1,377	1,458	2,000	1,878	
Don't know	1.0	1.8	37	35	53	50	
Not employed	57.2	16.5	2,172	2,095	494	534	
Total age 15-49	100.0	100.0	3,794	3,772	2,999	2,993	
Age 50-54	na	11.1	na	na	373	379	
Total age 15-54	na	100.0	na	na	3,372	3,372	

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, NFHS-3 by residence, Tamil Nadu

	NFHS-5				NFHS-4		NFHS-3			
Age	Urban	Rural	Total	Urban	Rural	Total	Urban	Rural	Total	
15-19	0.023	0.044	0.034	0.029	0.048	0.039	0.054	0.058	0.056	
20-24	0.118	0.163	0.141	0.134	0.171	0.153	0.131	0.171	0.151	
25-29	0.123	0.121	0.122	0.109	0.117	0.113	0.102	0.115	0.109	
30-34	0.047	0.042	0.044	0.031	0.031	0.031	0.041	0.029	0.034	
35-39	0.010	0.008	0.009	0.004	0.006	0.005	0.010	0.007	0.008	
40-44	0.002	0.000	0.001	0.001	0.000	0.001	0.002	0.000	0.001	
TFR (15-49)	1.61	1.89	1.76	1.54	1.86	1.70	1.70	1.90	1.80	
CBR	12.7	14.6	13.7	13.9	17.2	15.5	16.0	16.8	16.4	

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.

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, Tamil Nadu, 2019-21

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
Residence				
Urban	1.61	2.6	2.1	1.50
Rural	1.89	2.8	2.4	1.66
Schooling				
No schooling	1.83	0.1	2.5	1.31
<5 years complete	1.64	0.4	2.5	1.49
5-9 years complete	1.87	1.5	2.3	1.63
10-11 years complete	1.87	2.6	2.0	1.66
12 or more years complete	1.96	4.5	1.8	1.81
Religion				
Hindu	1.75	2.8	2.2	1.58
Muslim	1.93	2.6	2.3	1.78
Christian	1.73	2.2	2.1	1.55
Caste/tribe				
Scheduled caste	1.78	2.7	2.5	1.55
Scheduled tribe	1.87	2.1	2.4	1.55
Other backward class	1.74	2.8	2.2	1.60
Other	1.65	2.3	2.0	1.56
Don't know	(1.50)	0.7	*	(1.35)
Total	1.76	2.7	2.2	1.59

Note: Total fertility rates are for the period 1-36 months preceding the interview. Figures in parentheses are based on 125-249 unweighted woman-years of exposure for the fertility rates. An asterisk indicates that a figure is based on fewer than 25 unweighted cases for mean number of children ever born 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, Tamil Nadu, 2019-21

Background characteristic		ge of women 5-19 who:	Percentage of women age		
	Have had a live birth	Are pregnant with first child	15-19 who have begun childbearing	Number of women	
_					
Age	27		4.0	2.050	
15-17	2.7	1.4	4.0	2,056	
15	0.0	0.0	0.0	628	
16 17	2.0 0.7	0.3 1.1	2.2	772	
	-		1.8	656 652	
18	5.0	3.2	8.2	653	
19	13.0	5.8	18.8	704	
Residence					
Urban	2.7	1.4	4.2	1,592	
Rural	5.5	2.6	8.1	1,821	
Schooling					
5-9 years complete	6.2	1.5	7.6	495	
10-11 years complete	4.4	1.2	5.6	1,474	
12 or more years complete	3.3	3.2	6.5	1,438	
Marital status					
Never married	0.0	0.0	0.0	3,094	
Currently married	45.1	22.4	67.5	316	
Religion					
Hindu	4.4	2.2	6.6	3,124	
Muslim	2.6	0.5	3.2	113	
Christian	1.5	0.9	2.3	175	
Caste/tribe					
Scheduled caste	4.5	2.2	6.6	1,082	
Scheduled tribe	6.6	3.8	10.4	86	
Other backward class	4.1	2.0	6.1	2,167	
Other	0.9	1.5	2.4	75	
Total	4.2	2.1	6.3	3,413	

Note: Total includes women with no schooling or less than 5 years of schooling, widowed/divorced/ separated/deserted women, women belonging to other religions, and women who don't know their caste/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, Tamil Nadu, 2019-21, and percent distribution of births to women by birth order, NFHS-4

		Birth				
				4 or		Number
Background characteristic	1	2	3	more	Total	of births
Mother's current age						
15-19	93.9	6.1	0.0	0.0	100.0	144
20-29	52.9	39.8	6.5	0.8	100.0	2,775
30-39	33.1	47.7	16.1	3.1	100.0	901
40-49	(40.2)	(46.7)	(9.6)	(3.5)	100.0	25
Residence						
Urban	50.6	43.6	5.2	0.7	100.0	1,696
Rural	49.1	38.0	11.1	1.8	100.0	2,150
Mother's schooling						
No schooling	17.6	45.4	25.6	11.4	100.0	55
<5 years complete	28.2	44.0	20.6	7.1	100.0	52
5-9 years complete	36.6	43.3	17.2	3.0	100.0	746
10-11 years complete	44.1	43.8	10.6	1.5	100.0	604
12 or more years complete	56.5	38.6	4.6	0.4	100.0	2,389
Religion						
Hindu	49.9	40.3	8.6	1.3	100.0	3,495
Muslim	40.3	47.1	10.1	2.6	100.0	138
Christian	53.4	39.9	6.4	0.4	100.0	212
Caste/tribe						
Scheduled caste	47.8	38.2	12.4	1.7	100.0	1,143
Scheduled tribe	50.4	36.0	10.2	3.4	100.0	82
Other backward class	50.6	41.8	6.7	0.9	100.0	2,545
Other	53.5	36.5	6.4	3.6	100.0	68
Total	49.7	40.5	8.5	1.3	100.0	3,846

Note: Figures in parentheses are based on 25-49 unweighted cases. Total includes information on births to women belonging to other religions and women who don't know their caste/tribe, which is 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, Tamil Nadu, 2019-21

		M	onths since		Number of	Median number			
						60 or		non-first	of months since
Background characteristic	7-17	18-23	24-35	36-47	48-59	more	Total	order births	preceding birth
Mather's surrout ago									
Mother's current age 20-29	10.2	20.7	31.4	19.3	10.6	7.8	100.0	1,937	30.7
30-39	4.3	10.2	19.1	19.5	10.0	33.8	100.0	1,249	47.1
40-49	4.5	(5.3)	(12.8)	(5.0)	(21.2)	(53.2)	100.0	40	(75.1)
40-49	(2.5)	(5.5)	(12.0)	(5.0)	(21.2)	(55.2)	100.0	40	(75.1)
Residence									
Urban	7.7	13.7	21.7	18.7	15.1	23.1	100.0	1,377	39.2
Rural	7.9	18.6	30.0	18.5	10.2	14.9	100.0	1,858	33.3
Mother's schooling									
No schooling	9.8	23.9	18.9	12.7	9.9	24.8	100.0	86	33.3
<5 years complete	4.6	10.9	17.4	16.3	13.2	37.6	100.0	74	49.0
5-9 years complete	7.7	17.2	25.4	18.4	12.8	18.5	100.0	917	35.9
10-11 years complete	7.4	18.5	28.1	15.5	10.5	20.0	100.0	605	33.6
12 or more years									
complete	8.1	15.2	27.3	20.4	12.7	16.4	100.0	1,552	35.8
Religion									
Hindu	7.6	16.9	26.9	18.2	12.4	18.1	100.0	2,941	35.4
Muslim	7.8	12.8	19.6	22.1	12.8	24.7	100.0	133	42.2
Christian	11.3	12.8	24.7	22.2	10.4	18.6	100.0	161	36.7
Caste/tribe									
Scheduled caste	8.5	22.2	29.0	16.5	10.2	13.5	100.0	1,008	31.6
Scheduled tribe	6.0	22.3	30.3	12.5	9.2	19.8	100.0	61	32.0
Other backward class	7.5	14.0	25.3	19.9	13.4	19.9	100.0	2,097	37.3
Other	6.0	3.5	21.9	17.0	11.3	40.3	100.0	60	49.7
Birth order									
2-3	7.7	16.2	26.6	18.7	12.3	18.5	100.0	3,149	35.8
4-6	12.0	27.2	21.5	13.1	13.5	12.7	100.0	86	28.1
Sex of preceding birth									
Male	8.0	17.1	26.7	18.8	11.7	17.8	100.0	1,632	35.0
Female	7.6	15.9	26.2	18.4	12.9	19.0	100.0	1,603	36.1
Survival of preceding birth									
Living	6.9	16.2	26.7	19.0	12.4	18.8	100.0	3,115	36.1
Dead	31.7	24.5	18.6	8.6	12.4	6.4	100.0	119	23.0
Dedu	31.7	24.3	10.0	0.0	10.1	0.4	100.0	112	23.0
Total	7.8	16.5	26.4	18.6	12.3	18.4	100.0	3,235	35.6

Note: The interval for multiple births is the number of months since the preceding pregnancy that ended in a live birth. Figures in parentheses are based on 25-49 unweighted cases. Total includes information on births to women age 15-19 and women who don't know their caste/tribe, which is not shown separately.

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

Percent distribution of currently married women and men age 15-49 by desire for children, according to number of living children, Tamil Nadu, 2019-21

		N	Total	Total							
Desire for children	0	1	2	3	4	5	15-49	15-54			
WOMEN											
Want another soon <sup>2</sup>	74.5	31.4	2.8	0.7	0.5	0.0	13.7	na			
Want another later <sup>3</sup>	1.7	27.6	1.2	0.4	0.0	0.0	6.9	na			
Want another, undecided when	2.0	1.2	0.1	0.0	0.0	0.0	0.5	na			
Undecided	1.5	3.4	0.7	0.2	0.4	2.5	1.3	na			
Want no more	3.5	19.3	18.1	11.4	11.9	24.2	16.2	na			
Sterilized <sup>4</sup>	0.7	11.8	75.4	85.7	83.7	68.4	57.9	na			
Declared infecund	14.9	4.3	0.9	0.7	1.6	3.6	2.7	na			
Missing	1.1	0.9	0.8	0.9	1.9	1.4	0.9	na			
Total	100.0	100.0	100.0	100.0	100.0	100.0	100.0	na			
Number	1,281	4,079	9,773	2,774	452	93	18,472	na			
			ME	N							
Want another soon <sup>2</sup>	51.9	40.4	3.5	4.9	(0.0)	*	17.6	15.1			
Want another later <sup>3</sup>	8.0	25.8	2.4	0.8	(0.0)	*	8.2	7.1			
Want another, undecided when	2.0	2.7	0.0	0.0	(3.0)	*	0.9	0.8			
Undecided	3.1	2.5	1.4	0.3	(0.0)	*	1.7	1.7			
Want no more	24.5	25.0	77.2	79.8	(80.7)	*	59.6	62.9			
Sterilized <sup>4</sup>	0.3	2.0	15.0	13.5	(16.4)	*	10.1	10.2			
Declared infecund	10.2	1.6	0.5	0.7	(0.0)	*	1.9	2.1			
Missing	0.0	0.0	0.0	0.0	(0.0)	*	0.0	0.0			
Total	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0			
Number	210	411	930	203	39	6	1,801	2,149			

Note: An asterisk indicates that a figure is based on fewer than 25 unweighted cases and has been suppressed. Total includes women/men with 6 or more living children, who are not shown separately.

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, Tamil Nadu, 2019-21, and by number of living children, NFHS-4

	Women: Number of living children <sup>1</sup>						Men: Number of living children <sup>1</sup>					_
					4 or						4 or	
Background characteristic	0	1	2	3	more	Total	0	1	2	3	more	Total
Age												
15-24	0.0	4.4	76.7	82.5	*	25.3	*	*	*	*	*	(16.8)
25-34	0.6	14.3	91.0	95.6	96.1	65.3	13.1	8.3	81.2	(78.9)	*	41.6
35-49	14.7	71.0	96.9	97.9	94.6	90.4	37.5	53.9	96.0	95.5	(100.0)	84.9
Residence												
Urban	4.9	34.2	94.2	97.2	96.1	73.7	26.8	31.2	92.5	95.1	*	71.3
Rural	3.7	27.5	92.8	96.9	94.3	74.5	23.2	23.1	91.9	92.3	(96.3)	68.3
Schooling												
No schooling	14.6	79.2	95.9	98.3	91.8	90.6	*	*	(98.4)	*	*	86.3
<5 years complete	(13.2)	67.3	95.6	95.9	95.8	88.4	*	*	(95.6)	*	*	82.0
5-9 years complete	7.8	46.1	95.6	97.3	98.1	84.6	30.6	24.7	91.6	93.8	*	74.3
10-11 years complete	2.4	25.4	92.3	96.7	(92.7)	73.1	(34.2)	24.7	90.3	(94.4)	*	70.0
12 or more years complete	1.0	20.0	90.9	95.1	(89.2)	57.3	10.1	23.4	92.7	(87.1)	*	58.3
Religion												
Hindu	4.4	30.6	93.5	97.0	94.5	74.1	26.1	28.1	92.2	93.1	97.5	70.2
Muslim	(8.1)	36.8	90.7	96.7	(99.1)	75.1	*	*	(87.2)	*	*	61.4
Christian	0.9	32.2	94.9	97.6	*	72.7	*	*	(95.6)	*	*	66.9
Caste/tribe												
Scheduled caste	2.6	23.5	93.6	97.2	94.8	74.0	23.5	20.9	92.0	91.3	(94.8)	69.2
Scheduled tribe	(0.0)	29.5	93.8	99.0	*	69.3	*	*	*	*	*	(61.0)
Other backward class	5.1	33.4	93.3	96.9	96.1	74.2	27.0	29.7	92.0	93.7	(100.0)	70.6
Other	*	38.8	98.4	(96.9)	*	78.7	*	*	*	*	*	*
Don't know	*	*	(94.1)	*	*	(67.1)	*	*	*	*	*	*
Number of living sons <sup>2</sup>												
0	4.3	27.2	85.8	90.4	95.0	45.6	24.9	24.1	84.3	*	*	43.1
1	na	35.2	95.5	97.3	94.6	82.2	na	29.8	94.0	94.3	*	78.4
2	na	na	95.0	98.4	96.6	96.0	na	na	93.4	97.6	*	94.5
3	na	na	na	98.4	97.6	98.3	na	na	na	(88.9)	*	(90.7)
4 or more	na	na	na	na	na	(84.0)	na	na	na	na	na	*
Total	4.2	31.1	93.5	97.0	94.8	74.1	24.9	27.0	92.2	93.3	97.6	69.7

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, Tamil Nadu, 2019-21, and percent distribution women and men age 15-49 by ideal number of children, NFHS-4

			Numbe	r of living	children1			_	
							6 or		NFHS-4
Ideal number of children	0	1	2	3	4	5	more	Total	(2015-16)
			WOME	N					
0	6.8	1.8	2.4	3.1	2.8	8.5	(7.8)	3.6	10.0
1	13.9	11.5	3.6	1.7	0.7	0.0	(0.0)	7.5	8.9
2	75.1	83.1	87.5	68.7	63.4	42.0	(40.0)	80.4	68.7
3	2.4	2.9	5.4	22.3	17.7	26.5	(21.7)	6.5	10.2
4	0.4	0.4	0.7	2.9	13.4	10.7	(22.6)	1.1	1.7
5	0.0	0.0	0.1	0.7	1.4	8.0	(4.4)	0.2	0.3
6 or more	0.0	0.1	0.1	0.1	0.4	1.9	(1.2)	0.1	0.1
Non-numeric responses	1.3	0.2	0.2	0.5	0.1	2.3	(2.2)	0.5	0.2
Total	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Number	6,980	4,475	10,524	3,036	508	102	25	25,650	28,820
Mean ideal number of children for <sup>2</sup>	:								
All respondents	1.8	1.9	2.0	2.2	2.4	2.7	(2.7)	2.0	1.9
Number of all respondents	6,886	4,468	10,503	3,022	507	100	24	25,510	28,771
Currently married respondents	1.9	1.9	2.0	2.2	2.5	2.7	*	2.0	1.9
Number of currently married									
respondents	1,280	4,073	9,754	2,761	452	90	20	18,430	21,078
			MEN						
0	4.3	0.7	1.0	2.0	(0.0)	*	*	2.5	4.6
1	11.9	9.9	3.4	2.1	(4.2)	*	*	8.2	9.9
2	76.2	84.7	84.7	53.9	(63.2)	*	*	78.4	72.2
3	6.0	3.8	8.4	29.4	(14.9)	*	*	8.2	9.5
4	1.0	0.7	1.5	8.6	(16.5)	*	*	1.8	1.9
5	0.1	0.0	0.6	1.9	(0.0)	*	*	0.3	0.2
6 or more	0.0	0.0	0.2	0.0	(1.2)	*	*	0.1	0.0
Non-numeric responses	0.5	0.2	0.2	2.0	(0.0)	*	*	0.5	1.7
Total	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Number	1,377	426	944	203	39	7	2	2,999	4,794
Mean ideal number of children for <sup>2</sup>	:								
All respondents	1.9	1.9	2.1	2.5	(2.5)	*	*	2.0	1.9
Number of all respondents	1,371	425	942	199	39	7	2	2,985	4,715
Currently married respondents	1.9	1.9	2.1	2.5	(2.5)	*	*	2.1	2.0
Number of currently married respondents	214	425	942	199	39	6	2	1,827	2,939

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 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, Tamil Nadu, 2019-21, and total for NFHS-4

		Wo	men		_		N	len		
Background		Percentage who want more daughters	Percentage	Percentage who want at least one	Number	Percentage who want more sons than	Percentage who want more daughters	Percentage who want at least	Percentage who want at least one	Number
characteristic	daughters	than sons	one son	daughter	of women		than sons	one son	daughter	of men
Age										
15-19	5.9	4.3	67.2	66.0	3,342	12.7	4.3	77.2	69.6	421
20-29	5.3	3.7	74.2	73.3	7,218	10.8	4.1	79.8	76.3	833
30-39	7.5	4.4	77.0	75.7	7,642	11.6	4.5	83.1	79.7	938
40-49	9.9	4.6	76.4	74.9	7,288	12.8	3.7	85.3	81.9	791
Residence										
Urban	6.2	4.3	72.4	71.6	12,293	10.6	3.9	79.5	76.4	1,428
Rural	8.5	4.1	77.0	75.3	13,197	13.0	4.4	84.2	79.3	1,555
Schooling										
No schooling	12.4	5.4	78.4	77.0	2,415	15.5	4.8	91.3	87.9	116
<5 years complete	10.2	4.0	79.4	77.2	1,327	12.9	2.6	87.2	86.8	113
5-9 years complete	8.7	4.6	76.7	74.9	7,343	11.4	5.0	83.2	81.6	985
10-11 years					.,					
complete	6.4	3.6	75.2	73.9	4,321	13.1	5.1	81.0	76.6	567
12 or more years	-		-		<b>,</b> -	_	_			
complete	5.3	3.9	71.6	71.0	10,085	11.2	3.1	79.9	73.7	1,202
Marital status										
Never married	6.1	4.1	65.4	63.8	5,452	12.3	4.1	76.8	71.1	1,158
Currently married	7.6	4.3	77.6	76.5	18,415	11.7	4.2	85.1	82.2	1,792
, Widowed/divorced/					,					,
separated/deserted	8.7	4.0	74.2	72.5	1,623	(5.3)	(2.6)	(88.2)	(82.9)	33
Religion										
Hindu	7.3	4.2	74.9	73.7	23,180	12.2	4.0	82.1	77.6	2,761
Muslim	9.5	4.3	77.5	75.9	900	8.9	6.8	79.7	81.7	108
Christian	7.6	3.7	69.8	68.2	1,388	6.6	4.6	80.7	81.8	114
Caste/tribe										
Scheduled caste	8.6	4.1	77.4	75.8	7,246	14.1	4.5	86.2	81.7	847
Scheduled tribe	10.5	3.6	74.4	71.4	540	5.1	2.7	79.3	80.0	102
Other backward class		4.2	74.0	72.9	17,157	11.3	4.0	80.4	76.2	1,997
Other	7.3	5.8	62.6	62.6	482	(5.5)	(8.8)	(77.5)	(84.8)	31
Don't know	8.9	14.2	62.5	68.9	67	*	*	*	*	6
Total	7.4	4.2	74.7	73.5	25,490	11.9	4.2	81.9	77.9	2,983
NFHS-4 (2015-16)	16.4	8.9	78.6	73.3	28,750	15.9	6.9	81.7	75.1	4,691

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. Total includes women/men belonging to other religions, who are not shown separately.

# Table 27 Knowledge of contraceptive methods

Percentage of all women and men, currently married women and men, and never married women and men age 15-49 years who know any contraceptive method by specific method and residence, Tamil Nadu, 2019-21

		Women			Men	
		Currently	Never		Currently	Never
Method	All women	married women	married women	All men	married men	married men
		URBAN				
Any method	99.6	100.0	98.5	99.5	99.9	98.9
Any modern method	99.6	100.0	98.4	99.5	99.9	98.9
Female sterilization	99.5	99.9	98.0	95.6	99.0	90.4
Male sterilization	87.1	90.9	75.0	93.7	97.5	88.0
Pill	88.6	93.1	74.9	84.4	89.2	77.5
IUD or PPIUD	89.1	96.5	64.9	59.8	75.7	36.6
Injectables	83.8	88.5	69.2	77.9	85.0	67.5
Condom/Nirodh	88.1	91.2	80.0	97.9	98.2	97.4
Female condom	28.9	30.1	26.7	38.0	40.0	35.2
Emergency contraception	39.3	44.7	23.9	33.5	42.7	19.7
Diaphragm	8.1	9.0	5.3	8.5	8.6	8.5
Foam or jelly	5.9	6.6	4.1	7.4	8.7	5.6
Standard days method	41.0	48.4	17.1	31.6	40.7	17.6
Lactational amenorrhoea method (LAM)	61.5	72.9	25.0	33.7	46.2	15.4
Other modern method	1.0	1.1	0.8	2.2	3.1	1.0
Pill, IUD/PPIUD, and condom <sup>1</sup>	77.6	85.5	53.4	55.4	70.1	34.1
Any traditional method	70.8	82.5	33.1	76.4	88.9	57.5
Rhythm	49.6	58.2	22.0	32.4	43.9	15.5
Withdrawal	60.0	72.4	21.4	74.2	87.1	55.0
Other	7.4	8.2	4.9	4.7	5.5	3.5
Mean number of methods known by						
respondents age 15-49	8.4	9.1	6.1	7.8	8.7	6.3
Number of respondents age 15-49	12,361	8,751	2,860	1,435	849	572
						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 age 15-49 years who know any contraceptive method by specific method and residence, Tamil Nadu, 2019-21

		Women			Men	
		Currently	Never		Currently	Never
Method	All women	married women	married women	All men	married men	married mer
		RURAL				
Any method	99.6	100.0	98.2	99.7	99.9	99.3
Any modern method	99.6	100.0	98.1	99.7	99.9	99.3
Female sterilization	99.2	99.8	97.1	96.6	98.7	93.1
Male sterilization	86.5	89.8	74.5	92.4	95.0	87.8
Pill	88.2	91.7	76.6	81.9	84.8	77.4
IUD or PPIUD	88.1	94.6	64.1	59.8	71.5	41.0
Injectables	84.3	87.9	72.0	74.7	80.1	66.2
Condom/Nirodh	80.2	82.3	75.3	97.4	97.5	97.2
Female condom	23.9	24.0	25.7	31.1	30.7	31.9
Emergency contraception	37.2	41.5	22.5	34.5	41.3	23.8
Diaphragm	7.1	7.2	6.6	8.5	9.8	6.8
Foam or jelly	5.7	5.9	5.4	8.8	9.3	8.3
Standard days method	42.3	49.2	17.2	34.3	46.1	15.6
Lactational amenorrhoea method (LAM)	63.7	73.6	26.1	28.7	38.5	12.9
Other modern method	1.1	1.0	1.2	1.4	1.9	0.6
Pill, IUD/PPIUD, and condom <sup>1</sup>	71.4	77.4	51.6	54.7	64.9	38.1
Any traditional method	70.9	80.9	32.8	76.5	84.7	62.6
Rhythm	47.0	54.1	20.3	28.4	36.8	14.7
Withdrawal	61.7	72.0	22.3	73.9	82.6	59.2
Other	9.2	10.0	6.3	5.9	6.9	4.4
Mean number of methods known by						
respondents age 15-49	8.3	8.9	6.1	7.6	8.3	6.4
Number of respondents age 15-49	13,289	9,722	2,689	1,564	952	589
						Continued

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## Table 27 Knowledge of contraceptive methods—Continued

Percentage of all women and men, currently married women and men, and never married women and men age 15-49 years who know any contraceptive method by specific method and residence, Tamil Nadu, 2019-21

		Women			Men	
		Currently	Never		Currently	Never
Method	All women	married women	married women	All men	married men	married men
		TOTAL				
Any method	99.6	100.0	98.3	99.6	99.9	99.1
Any modern method	99.6	100.0	98.3	99.6	99.9	99.1
Female sterilization	99.4	99.9	97.6	96.1	98.8	91.8
Male sterilization	86.8	90.3	74.8	93.0	96.2	87.9
Pill	88.4	92.4	75.8	83.1	86.9	77.4
IUD or PPIUD	88.6	95.5	64.5	59.8	73.5	38.8
Injectables	84.0	88.2	70.5	76.2	82.4	66.8
Condom/ <i>Nirodh</i>	84.0	86.5	77.7	97.7	97.9	97.3
Female condom	26.3	26.9	26.2	34.4	35.1	33.5
Emergency contraception	38.2	43.0	23.2	34.0	41.9	21.8
Diaphragm	7.6	8.1	5.9	8.5	9.2	7.6
Foam or jelly	5.8	6.2	4.7	8.1	9.0	7.0
Standard days method	41.7	48.8	17.1	33.0	43.5	16.5
Lactational amenorrhoea method (LAM)	62.7	73.3	25.5	31.1	42.1	14.1
Other modern method	1.0	1.1	1.0	1.8	2.5	0.8
Pill, IUD/PPIUD, and condom <sup>1</sup>	74.4	81.3	52.5	55.0	67.3	36.1
Any traditional method	70.9	81.7	32.9	76.4	86.7	60.1
Rhythm	48.2	56.0	21.2	30.3	40.1	15.1
Withdrawal	60.9	72.2	21.8	74.1	84.7	57.1
Other	8.3	9.1	5.6	5.3	6.2	4.0
Mean number of methods known by						
respondents age 15-49	8.3	9.0	6.1	7.7	8.5	6.4
Number of respondents age 15-49	25,650	18,472	5,549	2,999	1,801	1,161

IUD = Intrauterine device; PPUID = Postpartum Intrauterine device

<sup>1</sup> All three methods

							Mod	Modern method	g					Traditi	Traditional method	chod			
Background characteristic	Any method	Any Any modern method method	Female sterili- zation	Male sterili- zation	Pill	IUD or PPIUD	lnject- ables	Condom/ Nirodh	Female condom	Emergency contra- ception	LAM	Other Any modern traditional method method		Rhythm	With- drawal	Other	Not currently using	Total	Number of women
Age 15-19 20-24	24.1 38.1	21.8 35.1	0.7 16.4	0.0		17.5 15.1	1.1 0.5	0.8 1.7	0.0	0.0	6.0 6.0	0.0	2.4	1.0 0.7	1.4 2.2	0.0	75.9 61.9	100.0 100.0	316 1,787
25-29 30-39 40-49	75.6 79.0	72.0 72.0 76.8	65.6 65.6 74.2	0.0 0.0 0.1	0.0 0.3 0.1	8.5 3.3 1.0	0.2 0.1 0.2	2.2 0.9	0.0	0.0 0.0	6.0 0.0	0.2 0.2 0.2	3.5 3.6 2.3	0.7 0.9	2.8 2.4 1.4	0.0	46.2 24.4 21.0	100.0 100.0 100.0	3, 135 7,028 6,206
<b>Residence</b> Urban Rural	67.6 69.4	64.0 66.8	55.6 59.9	0.1 0.1	0.4 0.3	4.8 4.7	0.1 0.3	2.6 1.2	0.0	0.0	0.3 0.2	0.2 0.2	3.5 2.7	1.1 0.9	2.4 1.8	0.0	32.4 30.6	100.0 100.0	8,751 9,722
Schooling No schooling <5 years complete 5-9 years complete 10-11 years complete 12 or more vears	79.9 78.6 77.1 68.9	78.5 76.5 74.4 66.4	77.3 73.4 69.7 57.4	0.1 0.0 0.0	0.0 0.6 0.1	0.5 1.4 3.2 6.0	0.2 0.3 0.1 0.3	0.2 0.3 1.7	0.0 0.0 0.0	0.0 0.0 0.0	0.1 0.2 0.2 0.2	0.1 0.2 0.1 0.2	1.4 2.1 2.5	0.6 0.5 0.9	0.8 1.6 1.7	0.0 0.0 0.0	20.1 21.4 22.9 31.1	100.0 100.0 100.0 100.0	1,982 1,112 6,116 2,715
complete	55.3	50.9	38.4	0.1	0.4	7.6	0.2	3.5	0.0	0.0	0.4	0.2	4.4	1.4	3.0	0.0	44.7	100.0	6,547
<b>Religion</b> Hindu Muslim Christian	68.8 62.7 68.4	65.8 59.2 64.1	58.4 49.0 54.7	0.1 0.0	0.3 0.2 0.4	4.7 5.7 6.2	0.2 0.3 0.2	1.7 3.3 2.1	0.0 0.0	0.0 0.0	0.2 0.5 0.4	0.2 0.3 0.1	3.0 3.4 4.3	0.9 1.7 1.0	2.0 1.8 3.4	0.0 0.0	31.2 37.3 31.6	100.0 100.0 100.0	16,792 670 995
<b>Caste/tribe</b> Scheduled caste Scheduled tribe Other backward class Other Don't know	69.6 67.3 68.3 65.9 (61.4)	67.1 64.3 65.0 61.2 (61.4)	60.6 57.9 56.9 52.2 (53.7)	0.1 0.0 0.0 0.0	0.2 0.8 0.5 0.5 (0.0)	4.9 3.7 4.8 3.9 (2.1)	0.2 0.2 0.2 0.0 (0.0)	0.8 1.3 3.8 (5.6)	0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0 0.0	0.2 0.4 0.3 0.9 (0.0)	0.2 0.0 0.0 (0.0)	2.5 3.0 3.3 4.7 (0.0)	0.7 1.3 1.1 1.0 (0.0)	1.8 1.7 2.2 3.7 (0.0)	0.0 0.0 0.0 (0.0)	30.4 32.7 31.7 34.1 (38.6)	100.0 100.0 100.0 100.0 100.0	5,088 398 12,604 327 56
																		Conti	Continued

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Table 28 Current use of contraception by background characteristics

Percent distribution of currently married women age 15-49 years by contraceptive method currently used, according to background characteristics, Tamil Nadu, 2019-21, and total for NFHS-4

							Mode	Modern method	-				-	Tradit	Traditional method	thod			
		Any	Female	Male						Emergency		Other	Any				Not		Number
Background	Any	modern		sterili-		IUD or		Condom/	Female	contra-		modern t	modern traditional		With-		currently	+ 	of
cnaracteristic	methoc	metnoa metnoa	zation	zation	Шл	rriun	ables	Niroan	condom	ception	LAIN	method	method	киутит агамат	arawai	Uther	using	I OTAI	women
Number of living																			
children																			
No children	2.2	1.8	0.6	0.0	0.3	0.2	0.1	0.7	0.0	0.0	0.0	0.0	0.4	0.0	0.4	0.0	97.8	100.0	1,651
1 child	38.1	31.6	12.1	0.0	0.4	13.8	0.2	4.1	0.1	0.0	0.7	0.2	6.5	1.6	4.9	0.0	61.9	100.0	3,982
1 son	38.8	31.4	13.0	0.0	0.4	12.8	0.3	4.3	0.0	0.0	0.7	0.1	7.4	1.6	5.8	0.0	61.2	100.0	2,124
No sons	37.3	31.8	11.1	0.0	0.5	15.0	0.2	4.0	0.1	0.0	0.6	0.3	5.5	1.6	3.9	0.0	62.7	100.0	1,858
2 children	85.4	82.7	77.2	0.1	0.4	3.0	0.2	1.6	0.0	0.0	0.2	0.2	2.7	1.0	1.6	0.0	14.6	100.0	9,548
1 or more sons	86.4	83.6	78.4	0.1	0.3	2.7	0.2	1.6	0.0	0.0	0.2	0.2	2.8	1.1	1.7	0.0	13.6	100.0	7,799
No sons	80.9	78.6	71.6	0.1	0.6	4.2	0.4	1.5	0.0	0.0	0.1	0.2	2.3	0.8	1.5	0.0	19.1	100.0	1,749
3 children	90.7	89.3	86.9	0.1	0.1	1.3	0.3	0.4	0.0	0.0	0.1	0.2	1.4	0.6	0.8	0.0	9.3	100.0	2,734
1 or more sons	91.7	90.3	88.3	0.1	0.0	1.0	0.3	0.3	0.0	0.0	0.1	0.1	1.4	0.5	0.9	0.0	8.3	100.0	2,437
No sons	82.4	80.8	74.7	0.0	0.3	3.6	0.0	0.6	0.0	0.0	0.6	1.0	1.6	1.3	0.3	0.0	17.6	100.0	297
4 or more children	85.3	83.8	81.1	0.4	0.0	1.7	0.0	0.3	0.0	0.0	0.0	0.3	1.5	0.3	1.2	0.0	14.7	100.0	558
1 or more sons	84.2	82.7	80.3	0.5	0.0	1.6	0.0	0.3	0.0	0.0	0.0	0.1	1.5	0.1	1.4	0.0	15.8	100.0	501
No sons	95.1	93.2	87.9	0.0	0.0	3.2	0.0	0.0	0.0	0.0	0.0	2.0	1.9	1.9	0.0	0.0	4.9	100.0	56
Total	68.6	65.5	57.8	0.1	0.3	4.8	0.2	1.8	0.0	0.0	0.3	0.2	3.1	1.0	2.1	0.0	31.4	100.0	18,472
NFHS-4 (2015-16)	53.2	52.6	49.4	0.0	0.2	1.9	0.1	0.8	na	na	0.0	0.1	0.6	0.2	0.4	na	46.8	100.0	21,082
Note: If more than one method is used, only the most effective method is IUD = Intrauterine device; PPIUD = Postpartum intrauterine device; LAM = na = Not available	e method ice; PPIUD	is used, oi = Postpa	nly the mc rtum intra	sst effectiv auterine de	/e methc evice; LA	od is con: M = Laci	sidered i tational a	considered in this table. Total incl Lactational amenorrhoea method	Total inc ea methoc	considered in this table. Total includes women belonging to other religions, who are not shown separately. Lactational amenorrhoea method	belongi	ng to othe	er religions	i, who are	e not shov	vn separ	ately.		

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### 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, Tamil Nadu, 2019-21

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
Ariyalur	61.4	60.2	49.6	0.0	10.6	1.3	184
Chennai	65.8	63.6	55.7	0.4	7.5	2.2	1,085
Coimbatore	66.5	62.0	53.1	0.0	8.9	4.5	887
Cuddalore	65.3	63.5	58.1	0.0	5.4	1.9	684
Dharmapuri	70.0	68.0	61.1	0.0	7.0	2.0	431
Dindigul	74.2	71.4	62.2	0.0	9.2	2.8	685
Erode	70.6	67.4	61.3	0.0	6.1	3.2	723
Kancheepuram	69.3	67.3	59.6	0.2	7.5	2.0	1,063
Kanniyakumari	70.3	66.6	60.7	0.0	5.8	3.8	406
Karur	65.8	63.5	58.3	0.0	5.2	2.3	236
Krishnagiri	69.9	67.7	60.7	0.2	6.8	2.3	486
Madurai	69.7	68.4	58.3	0.0	10.1	1.3	817
Nagapattinam	65.9	61.9	53.9	0.0	8.0	3.9	439
Namakkal	65.1	62.3	55.3	0.0	7.0	2.8	372
Perambalur	63.1	58.8	48.7	0.0	10.1	4.3	139
Pudukkottai	68.0	64.3	55.8	0.0	8.5	3.7	390
Ramanathapuram	72.2	68.1	56.6	0.0	11.5	4.1	395
Salem	69.0	64.1	56.0	0.0	8.2	4.8	854
Sivaganga	67.3	66.1	59.7	0.0	6.3	1.2	347
Thanjavur	64.8	60.6	51.7	0.0	9.0	4.2	478
The Nilgiris	77.9	74.6	68.9	0.0	5.8	3.3	216
Theni	70.6	67.1	56.1	0.0	11.0	3.5	380
Thiruvallur	67.9	66.0	59.1	0.0	6.9	1.9	1,016
Thiruvarur	70.2	66.7	59.0	0.2	7.5	3.5	277
Thoothukkudi	67.6	63.8	52.4	0.0	11.3	3.8	477
Tiruchirappalli	68.1	61.5	49.6	0.0	11.9	6.6	663
Tirunelveli	69.8	64.4	55.4	0.2	8.8	5.4	828
Tiruppur	69.3	66.0	59.7	0.0	6.3	3.3	607
Tiruvannamalai	71.9	68.7	64.5	0.0	4.2	3.2	546
Vellore	65.1	63.2	59.5	0.0	3.8	1.9	1,025
Viluppuram	71.6	68.6	62.6	0.2	5.9	3.0	807
Virudhunagar	68.1	66.3	61.2	0.0	5.1	1.8	531
Tamil Nadu	68.6	65.5	57.8	0.1	7.6	3.1	18,472

<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, Tamil Nadu, 2019-21

		I			Modern method	lethod			I	Trad	Traditional method	thod			
Background characteristic	Any method	Any modern method	Female sterili- zation	Male sterili- zation	Pill	IUD or PPIUD	Condom/ Nirodh	Other modern method	Other Any modern traditional method method	Rhythm	With- drawal	Other	Not used at last sex	Total	Number of men
<b>Type of sexual partner</b> Currently married	30.3	24.9	17.7	0.1	0.7	3.2	2.2	0.7	5.4	0.7	4.7	0.0	69.7	100.0	1,801
Wife	33.0	27.1	19.5	0.0	0.8	3.3	2.4	0.8	5.9	0.8	5.1	0.0	67.0	100.0	1,542
Other <sup>1</sup>	13.2	10.6	7.4	0.2	0.0	2.3	0.0	0.5	2.6	0.5	2.1	0.0	86.8	100.0	254
Age															
20-24	(19.9)	(13.9)	(0.0)	(0.0)	(0.0)	(10.5)	(3.4)	(0.0)	(0.9)	(0.0)	(0.9)	(0.0)	(80.1)	100.0	37
25-29	24.0	16.6	5.6	0.2	2.3	4.8	3.3	0.4	7.4	1.7	5.7	0.0	76.0	100.0	206
30-34	28.6	22.9	13.0	0.0	0.8	5.7	2.2	0.9	5.8	1.0	4.7	0.0	71.4	100.0	373
35-39	31.1	25.8	19.7	0.0	0.8	1.7	1.6	1.4	5.3	0.7	4.6	0.0	68.9	100.0	441
40-44	35.1	28.7	22.4	0.0	0.4	2.2	3.5	0.1	6.4	0.1	6.2	0.0	64.9	100.0	384
45-49	31.1	28.1	23.5	0.1	0.0	1.7	2.0	0.6	3.0	0.6	2.4	0.0	68.9	100.0	369
Residence															
Urban	31.5	25.4	17.2	0.1	0.5	3.0	3.5	0.8	6.0	0.8	5.2	0.0	68.5	100.0	852
Rural	29.4	24.6	18.1	0.1	0.9	3.3	1.5	0.7	4.9	0.6	4.2	0.0	70.6	100.0	956
Schooling															
No schooling	24.1	22.1	21.6	0.5	0.0	0.0	0.0	0.0	2.0	0.0	2.0	0.0	75.9	100.0	106
<5 years complete	25.8	23.5	21.5	0.0	0.0	2.0	0.0	0.0	2.3	1.3	1.0	0.0	74.2	100.0	101
5-9 years complete	32.2	26.3	19.6	0.0	1.0	3.2	1.6	0.5	5.9	0.8	5.1	0.0	67.8	100.0	738
10-11 years complete	28.4	22.0	16.4	0.0	0.6	1.8	2.2	0.6	6.4	0.4	6.0	0.0	71.6	100.0	299
12 or more years															
complete	31.2	25.7	14.3	0.1	0.6	4.6	4.6	1.4	5.4	0.8	4.7	0.0	68.8	100.0	565
														Cor	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, Tamil Nadu, 2019-21

		I			Nodern method	ופוווסמ			1	I L 40		noa			
Background	Any	Any modern	Female sterili-	Male sterili-	1:0		Condom/		Any traditional	Dhithm	With-	Othory	Not used at last		Number
characteristic	mernoa	mernoa	zation	zation		L L L L L L L L L L L L L L L L L L L	INITOURI	mernoa	mernoa	Rnyunn	urawai	Other	sex	1 OLAI	oi men
Religion															
Hindu	29.8	24.5	17.6	0.1	0.6	2.9	2.2	0.8	5.4	0.7	4.6	0.0	70.2	100.0	1,659
Muslim	34.5	30.2	16.0	0.0	5.0	3.3	5.9	0.0	4.3	0.0	4.3	0.0	65.5	100.0	67
Christian	38.8	31.4	19.4	0.0	0.0	8.6	3.4	0.0	7.4	0.9	6.5	0.0	61.2	100.0	83
Caste/tribe															
Scheduled caste	29.5	23.1	17.1	0.1	0.2	3.2	1.7	0.6	6.4	0.7	5.8	0.0	70.5	100.0	524
Scheduled tribe	36.8	29.6	23.1	0.0	2.7	3.8	0.0	0.0	7.2	2.1	5.1	0.0	63.2	100.0	63
Other backward class	30.4	25.4	17.5	0.0	0.9	3.2	2.7	0.9	5.0	0.7	4.3	0.0	9.69	100.0	1,201
Total age 15-49	30.4	25.0	17.7	0.1	0.7	3.2	2.4	0.7	5.4	0.7	4.7	0.0	9.69	100.0	1,809
Age 50-54	34.9	31.8	27.2	0.0	0.4	1.6	1.9	0.7	3.0	0.6	2.4	0.0	65.1	100.0	349
Total age 15-54	31.1	26.1	19.2	0.0	0.7	2.9	2.3	0.7	5.0	0.7	4.3	0.0	68.9	100.0	2,158

caste or scheduled tribe or other backward class or who don't know their caste/tribe, who are not shown separately. IUD = Intrauterine device; PPIUD = Postpartum intrauterine device <sup>1</sup> Does not include live-in partner/girlfriend

# 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, Tamil Nadu, 2019-21

Most recent source of method	Female sterilization	Pill	IUD or PPIUD	Injectables	Condom/ <i>Nirodh</i>	All moder methods <sup>2</sup>
		URBAN		<u> </u>		
Public health sector	66.9	(56.9)	75.2	*	19.0	65.5
Government/municipal hospital	53.7	(17.7)	61.8	*	9.6	52.2
Vaidya/hakim/homeopath (AYUSH)	0.0	(0.0)	0.0	*	0.0	0.0
Government dispensary	0.9	(0.0)	0.0	*	1.4	0.8
UHC/UHP/UFWC	3.9	(0.0)	3.3	*	2.2	3.8
CHC/rural hospital/Block PHC	2.4	(3.1)	2.5	*	0.5	2.3
PHC/Additional PHC	5.8	(36.2)	7.5	*	5.3	6.1
Sub-centre/ANM	0.0	(0.0)	0.1	*	0.0	0.0
Government mobile clinic	0.0	(0.0)	0.0	*	0.0	0.0
Camp	0.1	(0.0)	0.0	*	0.0	0.1
Anganwadi/ICDS centre	0.0	(0.0)	0.0	*	0.0	0.0
ASHA	0.0	(0.0)	0.0	*	0.0	0.0
Other community-based worker	0.0	(0.0)	0.0	*	0.0	0.0
Other public health sector	0.2	(0.0)	0.0	*	0.0	0.2
NGO or trust hospital/clinic	0.5	(0.0)	0.0	*	0.0	0.4
Private health sector	32.3	(43.1)	24.8	*	73.7	33.3
Private hospital	31.5	(22.5)	23.2	*	9.4	29.9
Private doctor/clinic	0.8	(4.5)	1.6	*	6.5	1.1
Private mobile clinic	0.0	(0.0)	0.0	*	1.5	0.1
Vaidya/hakim/homeopath (AYUSH)	0.0	(0.0)	0.0	*	0.0	0.0
Traditional healer	0.0	(0.0)	0.0	*	0.0	0.0
Pharmacy/drugstore	0.0	(16.1)	0.0	*	55.7	2.2
Dai (TBA)	0.0	(0.0)	0.0	*	0.0	0.0
Other private health sector	0.0	(0.0)	0.0	*	0.6	0.0
Other source	0.1	(0.0)	0.0	*	7.4	0.3
Shop	0.0	(0.0)	0.0	*	5.6	0.2
Husband	0.0	(0.0)	0.0	*	1.8	0.1
Friend/relative	0.0	(0.0)	0.0	*	0.0	0.0
Other	0.1	(0.0)	0.0	*	0.0	0.1
Don't know	0.0	(0.0)	0.0	*	0.0	0.0
Missing	0.2	(0.0)	0.0	*	0.0	0.4
Total	100.0	100.0	100.0	100.0	100.0	100.0
Number of users	5,314	34	429	11	225	6,034

## 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, Tamil Nadu, 2019-21

Most recent source of method	Female sterilization	Pill	IUD or PPIUD	Injectables	Condom/ <i>Nirodh</i>	All moderi methods <sup>1</sup>
		RURAL				
Public health sector	80.2	(43.9)	90.3	(83.4)	29.7	79.7
Government/municipal hospital	62.6	(26.0)	64.6	(55.8)	12.0	61.5
Vaidya/hakim/homeopath (AYUSH)	0.0	(0.0)	0.0	(0.0)	0.0	0.0
Government dispensary	0.2	(0.0)	0.4	(0.0)	0.0	0.2
UHC/UHP/UFWC	1.4	(0.0)	0.9	(1.2)	1.5	1.4
CHC/rural hospital/Block PHC	4.4	(0.0)	5.5	(2.5)	5.7	4.5
PHC/Additional PHC	11.5	(13.4)	18.7	(23.9)	7.5	12.0
Sub-centre/ANM	0.0	(4.5)	0.0	(0.0)	1.8	0.1
Government mobile clinic	0.0	(0.0)	0.2	(0.0)	0.0	0.0
Camp	0.0	(0.0)	0.0	(0.0)	0.0	0.0
Anganwadi/ICDS centre	0.0	(0.0)	0.0	(0.0)	1.0	0.0
ASHA	0.0	(0.0)	0.0	(0.0)	0.0	0.0
Other community-based worker	0.0	(0.0)	0.0	(0.0)	0.0	0.0
Other public health sector	0.0	(0.0)	0.0	(0.0)	0.0	0.0
NGO or trust hospital/clinic	0.3	(6.3)	0.0	(0.0)	1.0	0.4
Private health sector	19.3	(45.3)	9.7	(9.2)	66.2	19.4
Private hospital	18.8	(17.2)	9.0	(9.2)	10.3	17.9
Private doctor/clinic	0.5	(8.3)	0.8	(0.0)	8.8	0.7
Private mobile clinic	0.0	(0.0)	0.0	(0.0)	3.6	0.1
Vaidya/hakim/homeopath (AYUSH)	0.0	(0.0)	0.0	(0.0)	0.0	0.0
Traditional healer	0.0	(0.0)	0.0	(0.0)	0.0	0.0
Pharmacy/drugstore	0.0	(19.8)	0.0	(0.0)	42.6	0.8
Dai (TBA)	0.0	(0.0)	0.0	(0.0)	0.0	0.0
Other private health sector	0.0	(0.0)	0.0	(0.0)	0.9	0.0
Other source	0.0	(4.5)	0.0	(7.4)	3.1	0.1
Shop	0.0	(0.0)	0.0	(0.0)	1.0	0.0
Husband	0.0	(4.5)	0.0	(1.8)	2.1	0.1
Friend/relative	0.0	(0.0)	0.0	(0.0)	0.0	0.0
Other	0.0	(0.0)	0.0	(5.6)	0.0	0.1
Don't know	0.0	(0.0)	0.0	(0.0)	0.0	0.0
Missing	0.2	(0.0)	0.0	(0.0)	0.0	0.4
Total	100.0	100.0	100.0	100.0	100.0	100.0
Number of users	6,334	28	469	32	115	7,002

#### 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, Tamil Nadu, 2019-21

Most recent source of method	Female sterilization	Pill	IUD or PPIUD	Injectables	Condom/ <i>Nirodh</i>	All modern methods <sup>1</sup>
		TOTAL	11100	injectubles	moun	methous
Public health sector	74.1	51.1	83.1	(83.3)	22.6	73.1
Government/municipal hospital	58.5	21.4	63.2	(51.3)	10.4	57.2
Vaidya/hakim/homeopath (AYUSH)	0.0	0.0	0.0	(0.0)	0.0	0.0
Government dispensary	0.5	0.0	0.0	(0.0)	0.9	0.5
UHC/UHP/UFWC	2.6	0.0	2.0	(5.4)	2.0	2.5
CHC/rural hospital/Block PHC	3.5	1.7	4.1	(1.8)	2.3	3.5
PHC/Additional PHC	8.9	26.0	13.4	(24.7)	6.0	9.2
Sub-centre/ANM	0.0	2.0	0.1	(0.0)	0.6	0.1
Government mobile clinic	0.0	0.0	0.1	(0.0)	0.0	0.0
Camp	0.0	0.0	0.0	(0.0)	0.0	0.0
Anganwadi/ICDS centre	0.0	0.0	0.0	(0.0)	0.3	0.0
ASHA	0.0	0.0	0.0	(0.0)	0.0	0.0
Other community-based worker	0.0	0.0	0.0	(0.0)	0.0	0.0
Other public health sector	0.1	0.0	0.0	(0.0)	0.0	0.1
NGO or trust hospital/clinic	0.4	2.8	0.0	(0.0)	0.3	0.4
Private health sector	25.2	44.1	16.9	(11.2)	71.1	25.8
Private hospital	24.6	20.1	15.8	(11.2)	9.7	23.5
Private doctor/clinic	0.6	6.2	1.1	(0.0)	7.2	0.9
Private mobile clinic	0.0	0.0	0.0	(0.0)	2.2	0.1
Vaidya/hakim/homeopath (AYUSH)	0.0	0.0	0.0	(0.0)	0.0	0.0
Traditional healer	0.0	0.0	0.0	(0.0)	0.0	0.0
Pharmacy/drugstore	0.0	17.7	0.0	(0.0)	51.3	1.4
Dai (TBA)	0.0	0.0	0.0	(0.0)	0.0	0.0
Other private health sector	0.0	0.0	0.0	(0.0)	0.7	0.0
Other source	0.1	2.0	0.0	(5.5)	5.9	0.2
Shop	0.0	0.0	0.0	(0.0)	4.1	0.1
Husband	0.0	2.0	0.0	(1.3)	1.9	0.1
Friend/relative	0.0	0.0	0.0	(0.0)	0.0	0.0
Other	0.1	0.0	0.0	(4.2)	0.0	0.1
Don't know	0.0	0.0	0.0	(0.0)	0.0	0.0
Missing	0.2	0.0	0.0	(0.0)	0.0	0.4
Total	100.0	100.0	100.0	100.0	100.0	100.0
Number of users	11,648	62	898	43	340	13,036

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 include male sterilization and emergency contraception, which are 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, Tamil Nadu, 2019-21

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
		URBAI	N		
Female sterilization <sup>1</sup> Pill IUD or PPIUD	83.1 * 82.3	77.8 * 76.2	86.3 * 84.3	73.5 * 72.8	865 25 330
Total	83.0	77.5	85.8	73.4	1,221
		RURA	L		
Female sterilization <sup>1</sup> Pill IUD or PPIUD	81.5 * 84.3	77.4 * 79.1	85.8 * 91.0	72.9 * 76.5	1,169 17 411
Total	82.2	77.7	87.0	73.7	1,597
		TOTA	L		
Female sterilization <sup>1</sup> Pill IUD or PPIUD	82.2 (85.2) 83.4	77.6 (77.9) 77.8	86.0 (81.9) 88.0	73.1 (70.7) 74.8	2,035 42 741
Total	82.5	77.6	86.5	73.6	2,818

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

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

			R	eason for di	scontinuati	on			-	
Method	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>	Switched to another method <sup>4</sup>	Number of episodes of use <sup>5</sup>
IUD or PPIUD	2.6	11.7	1.5	14.9	1.0	9.4	3.1	44.3	2.5	1,304
Condom/ <i>Nirodh</i>	0.4	18.5	9.0	12.1	2.9	12.4	5.7	60.8	4.3	537
Rhythm	(0.3)	(21.4)	(6.4)	(2.3)	(3.1)	(2.7)	(2.7)	(38.9)	(5.9)	230
Withdrawal	2.6	22.2	6.5	3.7	0.5	5.2	8.4	49.0	1.8	680
Other <sup>6</sup>	(10.4)	(21.2)	(18.1)	(14.8)	(15.2)	(4.8)	(4.8)	(89.5)	(19.6)	200
All modern spacing methods <sup>7</sup>	2.8	14.9	5.6	14.4	2.9	9.4	3.9	54.0	4.7	2,191
All spacing methods <sup>8</sup>	2.6	17.1	5.9	11.0	2.3	7.9	4.9	51.6	4.1	3,103
All methods	1.5	9.9	3.4	6.3	1.4	4.6	2.9	30.0	2.4	5,327

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, Tamil Nadu, 2019-21

Note: Figures are based on life table calculations using information on episodes of contraceptive use that occurred 3-62 months preceding the survey. Figures in parentheses are based on 25-49 unweighted cases. All methods include female and male sterilization, pill, 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, Tamil Nadu, 2019-21

	Percentag who a							
	Contraception is women's	Women who	Percei	-		f a male condor nst pregnancy:		
Background	business and a man should not have to	use contra- ception may become	Most of			Don't know/		Number
characteristic	worry about it	promiscuous	the time	Sometimes	Not at all	unsure <sup>1</sup>	Total	of men
<b>Age</b> 15-19	12.0	0.0		22.0	F 0	107	100.0	422
20-24	13.9 17.3	9.8	44.4	33.0	5.9	16.7 4.8	100.0 100.0	423
25-29	17.3	8.1 11.4	48.9 48.4	41.5 45.0	4.9 3.6	4.8 3.0	100.0	391 443
30-34		7.4				3.0 2.4	100.0	443 470
30-34 35-39	19.5 20.0	7.4 9.3	55.6 47.9	39.0 45.7	3.1 2.4	2.4 4.0	100.0	470 471
40-44	20.0	9.5 6.6	47.9	43.7	2.4	4.0 7.8	100.0	416
40-44 45-49	22.6	11.5	40.2	43.9 38.6	4.6	7.8	100.0	385
	22.0	11.5	45.5	50.0	4.0	7.4	100.0	505
Residence								
Urban	21.2	8.6	50.3	40.8	3.5	5.4	100.0	1,435
Rural	17.6	9.6	47.4	41.3	3.9	7.4	100.0	1,564
Schooling								
No schooling	32.7	5.7	50.4	34.7	1.9	12.9	100.0	120
<5 years complete	19.0	10.3	33.0	52.7	2.8	11.4	100.0	114
5-9 years complete	19.1	10.4	49.0	40.6	3.4	7.0	100.0	993
10-11 years complete	19.1	10.2	47.4	38.6	4.3	9.7	100.0	567
12 or more years								
complete	18.3	7.8	50.5	42.1	4.0	3.3	100.0	1,205
Religion								
Hindu	18.9	9.3	48.3	41.2	3.9	6.6	100.0	2,776
Muslim	22.6	7.3	57.9	36.2	0.0	5.9	100.0	108
Christian	25.0	7.6	51.5	42.6	2.2	3.7	100.0	115
Caste/tribe								
Scheduled caste	17.2	9.5	43.0	45.5	4.3	7.1	100.0	852
Scheduled tribe	13.6	4.8	65.3	29.3	3.2	2.2	100.0	105
Other backward class	20.5	9.0	50.4	39.7	3.6	6.4	100.0	2,006
Other	(11.4)	(14.0)	(56.6)	(33.8)	(0.0)	(9.6)	100.0	31
Total age 15-49	19.3	9.1	48.8	41.0	3.7	6.5	100.0	2,999
Age 50-54	23.1	11.5	46.7	40.7	2.7	10.0	100.0	373
Total age 15-54	19.7	9.4	48.5	41.0	3.6	6.8	100.0	3,372

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> Includes missing values and those who never heard of male condoms

	for	Unmet need for family planning	ß	Met nee (c	Met need for family planning (currently using)	gninne	T	Total demand for family planning <sup>1</sup>	<b>5</b> 1		Percentage	Percentage of demand satisfied by
Background characteristic	For spacing	For limiting	Total	For spacing	For limiting	Total	For spacing	For limiting	Total	women	or demand satisfied <sup>2</sup>	modern methods <sup>3</sup>
Age												
15-19	7.9	2.3	10.2	22.6	1.5	24.1	30.6	3.8	34.3	316	70.3	63.5
20-24	11.9	4.5	16.4	17.8	20.3	38.1	29.7	24.7	54.5	1,787	6.69	64.5
25-29	6.8	5.6	12.5	9.9	44.0	53.8	16.7	49.6	66.3	3,135	81.2	75.8
30-34	2.3	5.2	7.5	4.4	66.6	70.9	6.6	71.8	78.4	3,423	90.5	84.7
35-39	0.6	4.5	5.1	1.2	78.8	80.1	1.8	83.3	85.2	3,605	94.0	90.7
40-44	0.1	4.0	4.2	0.4	80.4	80.8	0.5	84.4	84.9	3,109	95.1	92.3
45-49	0.1	3.0	3.0	0.1	77.2	77.3	0.2	80.2	80.4	3,097	96.2	93.5
Residence												
Urban	3.3	4.8	8.1	5.1	62.4	67.6	8.4	67.3	75.7	8,751	89.3	84.6
Rural	2.8	4.1	6.9	4.7	64.7	69.4	7.5	68.8	76.3	9,722	91.0	87.5
Schooling												
No schooling	0.2	2.4	2.6	0.5	79.4	79.9	0.7	81.7	82.5	1,982	96.9	95.2
<5 years complete	0.2	2.8	3.0	1.3	77.3	78.6	1.5	80.1	81.6	1,112	96.3	93.7
5-9 years complete	1.0	4.0	5.1	2.2	74.9	77.1	3.3	78.9	82.2	6,116	93.8	90.5
10-11 years complete	2.4	4.9	7.2	6.0	62.8	68.9	8.4	67.7	76.1	2,715	90.5	87.3
12 or more years complete	6.4	5.6	12.0	8.9	46.4	55.3	15.3	52.0	67.3	6,547	82.1	75.6
Religion												
Hindu	3.0	4.3	7.3	4.9	63.9	68.8	7.9	68.2	76.1	16,792	90.4	86.4
Muslim	3.1	8.3	11.4	4.3	58.4	62.7	7.4	66.6	74.1	670	84.6	80.0
Christian	3.3	3.7	7.0	5.4	63.1	68.4	8.7	66.8	75,5	дqл	40 7	84 9

Table 35 Need and demand for family planning among currently married women

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Table 35	

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, Tamil Nadu, 2019-21

	for	Unmet need for family planning	த	Met nee (c	Met need for family planning (currently using)	anning	for	Total demand for family planning <sup>1</sup>	51 1	Number of	Percentage Number of of demand	of demand satisfied by modern
Background characteristic	For spacing	For spacing For limiting	Total	For spacing	For spacing For limiting	Total	For spacing	For spacing For limiting	Total	women	satisfied <sup>2</sup>	methods <sup>3</sup>
Caste/tribe												
Scheduled caste	3.1	3.6	6.7	4.7	64.9	69.6	7.8	68.5	76.3	5,088	91.2	88.0
Scheduled tribe	1.6	3.1	4.7	6.4	60.9	67.3	8.0	64.1	72.0	398	93.4	89.3
Other backward class	3.0	4.6	7.7	4.9	63.4	68.3	8.0	68.0	76.0	12,604	89.9	85.5
Other	3.2	10.7	13.9	6.3	59.6	62.9	9.5	70.3	79.8	327	82.6	76.7
Don't know	(0.0)	(10.5)	(10.5)	(7.7)	(53.7)	(61.4)	(7.7)	(64.2)	(71.9)	56	85.4	85.4
Total	3.0	4.5	7.5	4.9	63.6	68.6	7.9	68.1	76.0	18,472	90.2	86.1

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<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), and 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, Tamil Nadu, 2019-21, and total for NFHS-4

District	Total unmet need	Unmet need for spacing	Unmet need for limiting	Number of women
District	diffict field	ior spacing		or women
A · 1	7.0	2.4	2.0	404
Ariyalur	7.0	3.1	3.9	184
Chennai	6.9	2.5	4.4	1,085
Coimbatore	9.1	2.0	7.1	887
Cuddalore	9.2	3.6	5.6	684
Dharmapuri	8.5	3.5	5.0	431
Dindigul	6.3	2.8	3.5	685
Erode	4.9	2.0	2.9	723
Kancheepuram	7.2	4.2	3.0	1,063
Kanniyakumari	4.9	3.4	1.5	406
Karur	7.5	2.3	5.2	236
Krishnagiri	4.9	1.9	3.0	486
Madurai	8.7	4.2	4.6	817
Nagapattinam	8.5	2.3	6.2	439
Namakkal	6.5	2.3	4.2	372
Perambalur	11.4	3.1	8.3	139
Pudukkottai	12.2	5.6	6.5	390
Ramanathapuram	7.9	3.9	4.0	395
Salem	5.6	1.4	4.2	854
Sivaganga	7.0	2.4	4.7	347
Thanjavur	9.5	2.7	6.8	478
The Nilgiris	6.0	1.6	4.4	216
Theni	7.3	3.5	3.9	380
Thiruvallur	9.3	3.4	5.9	1,016
Thiruvarur	9.6	4.7	4.9	277
Thoothukkudi	8.1	3.0	5.1	477
Tiruchirappalli	11.1	4.4	6.7	663
Tirunelveli	7.1	3.7	3.4	828
Tiruppur	4.6	1.3	3.2	607
Tiruvannamalai	4.0 5.1	3.3	1.8	546
Vellore	6.7	3.6	3.1	1,025
Viluppuram	7.4	1.8	5.6	807
Virudhunagar	6.4	2.9	3.4	531
viruuriuriagai	0.4	2.3	3.4	221
Tamil Nadu	7.5	3.0	4.5	18,472
NFHS-4 (2015-16)	10.1	4.8	5.3	21,082

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, Tamil Nadu, 2019-21

					Pla	ce of hysterect	оту		
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	the public	Percentage performed in the private health sector <sup>1</sup>	Percentage performed elsewhere or don't know where it was performed	Total	Number of women with a hysterectomy
•									
Age			*		*	*	*		
15-29	0.0	10,661		4				100.0	4
30-39	1.3	7,665	32.1	98	19.7	80.3	0.0	100.0	98
40-49	7.2	7,324	40.4	525	31.1	68.9	0.0	100.0	525
Residence									
Urban	2.3	12,361	39.9	281	29.5	70.5	0.0	100.0	281
Rural	2.6	13,289	38.3	347	29.2	70.8	0.0	100.0	347
Schooling									
No schooling	6.1	2,427	40.1	149	43.4	56.6	0.0	100.0	149
<5 years complete	7.2	1,331	40.9	95	28.6	71.4	0.0	100.0	95
5-9 years complete	3.2	7,382	37.6	238	30.4	69.6	0.0	100.0	238
10-11 years complete		4,364	37.4	61	18.9	81.1	0.0	100.0	61
12 or more years		,							
complete	0.8	10,146	39.5	84	9.7	90.3	0.0	100.0	84
Religion									
Hindu	2.4	23,316	39.0	571	29.5	70.5	0.0	100.0	571
Muslim	1.8	902	*	16	*	*	*	100.0	16
Christian	2.9	1,409	(37.3)	41	(29.9)	(70.1)	(0.0)	100.0	41
Caste/tribe									
Scheduled caste	2.2	7,315	39.4	161	41.8	58.2	0.0	100.0	161
Scheduled tribe	1.1	545	*	6	*	*	*	100.0	6
Other backward class	2.6	17,233	38.7	443	24.7	75.3	0.0	100.0	443
Other	2.6	490	*	13	*	*	*	100.0	13
Don't know	8.4	67	*	6	*	*	*	100.0	6
Total	2.4	25,650	38.9	628	29.3	70.7	0.0	100.0	628

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, who are not shown separately.

<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, Tamil Nadu, 2019-21

_		Pregnand	cy outcome			Number of
Background characteristic	Live birth	Abortion	Miscarriage	Stillbirth	Total	pregnancies
Mother's current age						
15-19	84.8	1.5	13.7	0.0	100.0	165
20-29	91.4	3.1	5.1	0.4	100.0	3,505
30-39	87.9	5.7	6.2	0.2	100.0	1,758
40-49	77.0	11.1	11.9	0.0	100.0	76
Residence						
Urban	89.1	5.1	5.5	0.3	100.0	2,515
Rural	90.5	3.1	6.0	0.4	100.0	2,989
Mother's schooling						
No schooling	84.0	5.5	10.5	0.0	100.0	95
<5 years complete	89.0	2.6	8.4	0.0	100.0	93
5-9 years complete	87.5	5.3	6.6	0.5	100.0	1,235
10-11 years complete	90.8	2.7	6.2	0.3	100.0	904
12 or more years complete	90.7	3.8	5.1	0.3	100.0	3,177
Religion						
Hindu	89.9	4.1	5.7	0.3	100.0	5,022
Muslim	92.9	3.1	4.0	0.0	100.0	187
Christian	87.9	3.1	7.9	1.1	100.0	294
Caste/tribe						
Scheduled caste	89.5	4.5	5.7	0.3	100.0	1,576
Scheduled tribe	83.5	2.6	13.0	0.8	100.0	112
Other backward class	90.1	3.8	5.7	0.4	100.0	3,707
Other	93.9	3.1	3.0	0.0	100.0	94
Total	89.9	4.0	5.8	0.4	100.0	5,504

Note: Total includes women belonging to other religions and women who don't know their caste/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, and percentage who had complications from the abortion, according to residence, Tamil Nadu, 2019-21

Characteristic of abortion	Urban	Rural	Total
Main reason for abortion	20.4	40.0	22.2
Unplanned pregnancy	38.4	18.0	29.8
Contraceptive failure	0.0	1.1	0.4
Complications in pregnancy	5.9	12.3	8.6
Health did not permit	31.6	29.4	30.7
Female foetus	0.9	2.6	1.6
Male foetus	0.2	1.5	0.8
Economic reasons	4.1	13.5	8.0
Last child too young	6.5	7.4	6.9
Foetus had congenital abnormality	5.5	6.9	6.1
Husband/mother-in-law did not want	4.5	2.9	3.9
Other	2.4	3.0	2.7
Total	100.0	98.5	99.4
Method of abortion			
Medicines	80.4	73.0	77.3
MVA	6.6	9.2	7.7
Other surgical	7.4	14.2	10.3
Other	4.2	2.1	3.3
Don't know	1.3	0.0	0.8
Total	100.0	98.5	99.4
Place of abortion			
Public health sector	25.7	26.6	26.1
Private health sector <sup>1</sup>	64.3	65.4	64.7
At home	10.0	6.5	8.6
Other	0.0	1.5	0.6
Total	100.0	100.0	100.0
Person who performed the abortion			
Doctor	82.1	77.1	80.0
Nurse/ANM/LHV	1.1	6.7	3.4
Family member/relative/friend	0.8	2.3	1.4
Self	14.5	11.5	13.3
Other	14.5	2.4	1.8
Total	1.5	100.0	1.8
Total	100.0	100.0	100.0
Complications from the abortion	~ -		<u> </u>
Percentage of women who had complications from the abortion	6.7	5.9	6.4
Number of women with abortions	128	92	220

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, Tamil Nadu, 2019-21

Current -		Percentage f	irst married			Number of	Median age at first	Median age at first	Median age at first	
age	15	18	20	21	25	married	respondents	marriage	cohabitation	sex
					WOM	EN				
15-19	0.9	na	na	na	na	90.6	3,413	а	а	а
20-24	1.1	12.8	29.4	na	na	49.0	3,557	а	а	а
25-29	2.1	15.4	32.7	41.5	75.2	12.9	3,691	22.0	22.0	22.0
30-34	3.5	20.5	38.7	48.0	79.6	2.4	3,689	21.2	21.3	21.3
35-39	6.6	27.9	46.3	54.6	81.8	1.6	3,976	20.4	20.4	20.5
40-44	7.9	32.7	53.4	61.9	84.2	1.3	3,603	19.7	19.6	19.6
45-49	8.7	37.5	58.1	65.3	86.7	1.0	3,721	19.2	19.1	19.1
20-49	5.0	24.6	43.2	na	na	11.0	22,237	а	а	а
25-49	5.8	26.8	45.8	54.2	81.5	3.8	18,679	20.5	20.5	20.5
					ME	N				
15-19	0.0	na	na	na	na	99.9	423	а	а	а
20-24	0.0	0.0	1.3	na	na	90.9	391	а	а	а
25-29	0.0	0.6	2.5	4.4	23.9	54.2	443	а	а	а
30-34	0.0	1.1	3.7	5.9	24.7	19.6	470	28.0	28.0	27.9
35-39	0.2	1.5	5.2	7.6	32.0	5.4	471	27.3	27.3	27.4
40-44	0.0	2.7	7.7	11.4	35.5	4.9	416	27.3	27.3	27.0
45-49	0.0	1.2	5.3	9.9	33.4	1.4	385	27.3	27.3	27.2
50-54	0.0	1.3	5.4	10.4	43.4	0.2	373	25.9	25.9	26.0
20-49	0.0	1.2	4.3	na	na	28.7	2,576	а	а	а
25-49	0.1	1.4	4.8	7.7	29.7	17.6	2,185	а	а	а

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, Tamil Nadu, 2019-21

Years preceding the survey	Neonatal mortality (NN)	Postneonatal mortality <sup>1</sup> (PNN)	Infant mortality (1q0)	Child mortality (4q1)	Under-five mortality (₅q₀)
		URBAI	N		
0-4	8.5	6.4	14.8	2.5	17.3
5-9	14.2	6.3	20.6	2.9	23.4
10-14	18.8	8.1	26.9	5.6	32.4
NFHS-4 (0-4)	11.1	6.7	17.8	5.7	23.4
NFHS-3 (0-4)	9.9	13.4	23.3	2.9	26.1
		RURA	L		
0-4	16.1	5.6	21.7	4.8	26.4
5-9	14.3	9.7	24.0	3.1	27.0
10-14	26.0	13.8	39.8	4.9	44.6
NFHS-4 (0-4)	16.9	5.7	22.6	7.7	30.2
NFHS-3 (0-4)	26.8	9.4	36.2	7.3	43.2
		ΤΟΤΑ	L		
0-4	12.7	6.0	18.6	3.7	22.3
5-9	14.2	8.2	22.4	3.0	25.4
10-14	22.6	11.2	33.8	5.3	38.9
NFHS-4 (0-4)	14.2	6.2	20.3	6.7	26.9
NFHS-3 (0-4)	19.1	11.2	30.4	5.3	35.5

Note: All estimates are for the 5 years preceding the survey (approximately 1988-1992 for 2001-2005 for NFHS-3, 2011-2015 for NFHS-4 and 2015-2019 for NFHS-5).

<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, Tamil Nadu, 2019-21

Background characteristic	Neonatal mortality (NN)	Postneonatal mortality <sup>1</sup> (PNN)	Infant mortality (1q0)	Child mortality (₄q1)	Under-five mortality (₅q₀)
Schooling					
<10 years complete	15.9	9.6	25.4	8.5	33.8
10 or more years complete	11.3	4.5	15.8	1.5	17.3
Religion					
Hindu	13.1	5.6	18.7	3.8	22.5
Muslim	(9.0)	(10.4)	(19.4)	(2.9)	(22.3)
Christian	(7.9)	(9.0)	(16.9)	(3.3)	(20.1)
Caste/tribe					
Scheduled caste	19.7	5.6	25.3	3.8	29.0
Other backward class	9.4	5.8	15.2	3.7	18.9
Child's sex					
Male	13.5	7.1	20.6	3.6	24.2
Female	11.7	4.6	16.3	3.8	20.1
Mother's age at birth					
<20	7.4	9.8	17.3	4.4	21.6
20-29	12.6	5.7	18.2	4.0	22.2
30-39	15.5	5.0	20.4	1.6	22.0
Birth order					
1	12.3	4.8	17.0	2.3	19.3
2-3	11.8	7.1	18.9	4.7	23.5
Previous birth interval <sup>2</sup>					
<2 years	16.6	11.7	28.3	4.4	32.5
2-3 years	8.0	2.9	10.9	4.8	15.7
4 years or more	17.7	9.7	27.5	6.2	33.5
Total	12.7	6.0	18.6	3.7	22.3

Note: Figures in parentheses are based on 250-499 unweighted person-years of exposure to the risk of death. Total includes children of mother's with no schooling, children belonging to other religions, children not belonging to scheduled caste, scheduled tribe or other backward class or children whose caste/tribe is not known, children with mother's age at birth 40-49, and children of birth order 4 or more, 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, Tamil Nadu, 2019-21

		he 5 years the survey	Percentage — of currently
Risk category	Percentage of births	Risk ratio	married women <sup>1</sup>
Not in any high-risk category	35.7	1.0	71.2ª
Unavoidable risk category			
First order births between ages 18 and 34 years	46.7	1.0	6.7
Single high-risk category			
Mother's age <18	1.9	1.0	0.0
Mother's age >34	2.6	0.6	12.4
Birth interval <24 months	11.5	1.4	5.9
Birth order >3	0.8	4.7	0.8
Subtotal	16.8	1.4	19.1
Multiple high-risk category			
Mother's age <18 and birth interval <24 months <sup>2</sup>	0.1	*	0.1
Mother's age >34 and birth interval <24 months	0.1	*	0.2
Mother's age >34 and birth order >3	0.1	*	2.4
Mother's age >34 and birth interval <24 months and			
birth order >3	0.0	*	0.0
Birth interval <24 months and birth order >3	0.5	(5.6)	0.3
Subtotal	0.8	5.2	3.0
In any avoidable high-risk category	17.6	1.5	22.0
Total	100.0	na	100.0
Number of births	6,404	na	18,472

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

 $^{\rm 2}$  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, Tamil Nadu, 2019-21

Background characteristic	Doctor	ANM/ nurse/ midwife/ LHV	Anganwadi/ ICDS worker	Community/ village health worker	ASHA	Other	No ANC	Total	Number of women	Percentage receiving ANC from a skilled provider <sup>1</sup>
Mother's age at birth										
<20	89.1	6.7	0.1	0.6	0.3	0.0	3.1	100.0	406	95.8
20-34	86.6	8.7	0.1	0.3	0.3	0.0	3.1	100.0	4,553	95.3
35-49	87.4	7.7	0.0	0.6	0.0	0.0	4.3	100.0	163	95.0
Birth order										
1	87.8	7.8	0.4	0.3	0.2	0.0	3.5	100.0	2,126	95.7
2-3	86.1	9.0	0.5	0.5	0.1	0.0	3.9	100.0	2,920	95.1
4 or more	85.0	8.8	2.2	0.0	0.0	0.0	4.0	100.0	75	93.8
Residence										
Urban	88.1	6.7	0.5	0.3	0.0	0.0	4.3	100.0	2,335	94.8
Rural	85.7	10.0	0.4	0.4	0.2	0.0	3.2	100.0	2,787	95.7
Schooling										
No schooling	78.2	7.8	0.0	0.0	0.0	0.0	14.0	100.0	81	86.0
<5 years complete	82.7	8.6	2.0	0.6	0.0	0.0	6.2	100.0	83	91.2
5-9 years complete	85.7	10.4	0.6	0.2	0.0	0.0	3.1	100.0	1,135	96.0
10-11 years complete	86.1	8.8	0.4	0.4	0.1	0.0	4.2	100.0	852	94.9
12 or more years										
complete	87.8	7.7	0.4	0.4	0.1	0.0	3.5	100.0	2,970	95.5
Religion										
Hindu	86.9	8.5	0.5	0.3	0.1	0.0	3.6	100.0	4,671	95.4
Muslim	88.0	8.0	0.0	1.1	0.0	0.0	2.9	100.0	181	96.1
Christian	85.2	8.3	0.0	0.5	0.0	0.0	6.0	100.0	269	93.5
Caste/tribe										
Scheduled caste	86.3	9.5	0.6	0.3	0.0	0.0	3.2	100.0	1,466	95.9
Scheduled tribe	85.8	4.6	0.0	0.0	1.8	0.0	7.8	100.0	98	90.4
Other backward class	87.0	8.2	0.4	0.4	0.1	0.0	3.8	100.0	3 <i>,</i> 457	95.2
Other	87.8	6.2	0.0	2.1	0.0	0.0	3.9	100.0	90	94.1
Total	86.8	8.5	0.5	0.4	0.1	0.0	3.7	100.0	5,122	95.3

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 women who don't know their caste/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, Tamil Nadu, 2019-21

	Resid	lence		Source	e of ANC		
Services/information	Urban	Rural	Public health sector	Private health sector <sup>1</sup>	Both public and private health sector <sup>1</sup>	ANC received only at home	Tota
Percentage receiving selected							
services during antenatal care							
Weighed	99.9	100.0	100.0	99.9	100.0	100.0	99.9
Blood pressure measured	99.9	100.0	99.9	99.9	100.0	100.0	99.9
Urine sample taken	99.7	99.9	99.9	99.9	99.8	97.8	99.8
Blood sample taken	99.9	99.9	99.9	99.7	99.8	100.0	99.9
Abdomen examined	99.8	99.8	99.8	99.8	99.8	99.0	99.8
Percentage receiving information on							
specific pregnancy complications							
Vaginal bleeding	76.1	75.6	77.3	74.3	76.2	59.8	75.8
Convulsions	71.7	70.3	72.7	69.0	71.3	51.8	70.9
Prolonged labour	79.9	80.7	81.9	76.8	79.3	73.3	80.3
Severe abdominal pain	81.5	81.2	82.6	79.3	81.3	70.7	81.3
High blood pressure	79.8	78.8	81.0	77.9	80.4	58.3	79.3
Where to go if experienced							
pregnancy complications	97.5	98.3	98.3	97.1	97.9	96.3	97.9
Number of women	2,234	2,697	3,982	1,590	825	183	4,932

### 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, Tamil Nadu, 2019-21

			Percentage	Percentage					
			who	whose last					
	Deverteer	Percentage	received	live birth		D	D		
	Percentage	with an	two or	was	Devecuters	-	Percentage	Deveentees	
	who had four or	ANC visit in the first	more TT	protected	Percentage who were	who took IFA for	who took IFA for	Percentage who took an	
Background		trimester of	injections	against neonatal	given or	at least	at least	intestinal	Number of
characteristic	visits	pregnancy	pregnancy	tetanus <sup>1</sup>	bought IFA	100 days	180 days	parasite drug	women
	VISICS	pregnancy	pregnancy	tetanus	bought ITA	100 0033	100 0033	parasite urug	wonnen
Mother's age at birth									
<20	91.9	78.5	83.8	90.1	98.8	81.9	58.5	76.0	406
20-34	89.7	77.5	82.5	89.9	98.6	82.3	63.4	76.7	4,553
35-49	92.0	71.8	76.5	83.6	100.0	89.1	64.2	78.2	163
Birth order									
1	90.3	78.8	85.2	90.7	98.5	83.3	65.0	74.7	2,126
2-3	89.5	76.6	80.2	88.8	98.8	81.9	61.8	78.0	2,920
4 or more	92.9	70.4	86.7	94.7	98.2	83.6	55.6	85.2	75
Residence									
Urban	88.8	76.7	83.0	89.4	99.0	84.2	66.4	74.6	2,335
Rural	90.8	78.0	81.9	89.9	98.4	81.0	60.2	78.4	2,787
Schooling									
No schooling	82.7	61.9	84.3	92.7	100.0	85.5	60.1	81.8	81
<5 years complete	93.0	79.7	85.9	92.5	100.0	78.4	60.0	84.8	83
5-9 years complete	90.2	78.0	82.1	89.3	98.4	78.1	57.6	77.6	1,135
10-11 years complete	90.7	77.6	83.0	91.6	98.3	83.7	65.6	82.0	852
12 or more years									
complete	89.7	77.5	82.1	89.1	98.9	83.8	64.6	74.5	2,970
Religion									
Hindu	90.2	77.6	82.2	89.7	98.7	82.2	62.7	76.9	4,671
Muslim	88.2	79.0	79.2	87.2	98.7	86.2	62.8	76.7	181
Christian	86.7	72.5	86.8	90.2	99.4	84.5	69.1	74.1	269
Caste/tribe									
Scheduled caste	90.2	77.9	82.9	89.9	98.9	79.5	56.9	77.0	1,466
Scheduled tribe	85.3	74.5	79.1	87.6	96.6	83.2	62.9	71.3	98
Other backward class	90.1	77.1	82.7	90.1	98.7	83.5	65.0	77.0	3,457
Other	83.0	84.1	69.9	75.6	100.0	91.4	85.6	65.0	90
Total	89.9	77.4	82.4	89.7	98.7	82.5	63.1	76.7	5,122

Note: Total includes women belonging to other religions and women who don't know their caste/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, Tamil Nadu, 2019-21

		Percentage	Percentage who received	Percentage whose last live birth					
	Percentage	with an	two or	was		Percentage	Percentage		
	who had	ANC visit	more TT	protected	Percentage	who took	who took	Percentage	
	four or	in the first	injections	against	who were	IFA for	IFA for	who took an	
	more ANC	trimester of	during the	neonatal	given or	at least	at least	intestinal	Number
District	visits	pregnancy	pregnancy	tetanus <sup>1</sup>	bought IFA	100 days	180 days	parasite drug	of women
Ariyalur	91.4	65.0	83.1	88.4	99.2	84.7	70.8	81.6	56
Chennai	89.9	81.4	90.9	96.1	97.6	86.3	75.5	73.3	246
Coimbatore	90.0	72.6	85.2	91.8	98.4	91.5	76.0	73.2	209
Cuddalore	82.2	75.5	80.5	88.1	97.3	68.5	52.6	64.1	203
Dharmapuri	94.5	78.4	89.0	95.9	99.1	92.7	73.5	84.4	131
Dindigul	96.2	71.9	85.2	87.4	98.8	85.7	63.6	79.5	216
Erode	93.9	87.8	83.9	97.5	99.2	82.2	51.3	66.1	217
Kancheepuram	76.1	62.6	67.8	76.8	97.8	73.5	47.9	55.3	272
Kanniyakumari	84.2	65.6	84.7	87.1	97.7	90.3	74.0	79.4	117
Karur	95.7	83.3	74.8	82.7	100.0	68.7	46.4	69.1	57
Krishnagiri	93.1	84.5	82.7	93.7	98.5	93.7	74.3	89.8	144
Madurai	89.5	70.0	78.1	85.6	99.5	71.0	59.7	90.5	240
Nagapattinam	93.1	89.4	86.3	93.0	98.4	85.6	61.3	82.7	134
Namakkal	97.8	76.2	92.3	96.3	99.2	87.5	71.0	69.0	102
Perambalur	92.2	85.7	83.8	94.1	99.4	78.7	57.3	85.3	36
Pudukkottai	91.6	77.9	82.7	89.9	99.4	73.7	53.3	68.6	136
Ramanathapuram	88.2	82.9	76.3	89.1	97.5	77.1	56.0	79.2	129
Salem	85.0	74.7	79.0	89.3	99.1	82.2	50.7	78.1	190
Sivaganga	90.9	72.6	72.3	76.1	100.0	81.1	64.7	86.3	106
Thanjavur	93.7	86.1	82.4	89.5	96.6	79.3	67.2	73.1	131
The Nilgiris	92.5	80.0	84.9	94.1	99.6	93.8	76.4	81.5	51
Theni	98.6	88.8	88.7	90.0	97.1	85.6	60.2	84.2	130
Thiruvallur	85.4	77.6	71.6	76.8	99.6	75.0	53.5	72.4	302
Thiruvarur	92.3	80.5	85.3	86.8	98.8	86.3	65.5	78.5	73
Thoothukkudi	80.7	59.2	85.3	89.1	99.4	86.1	70.4	76.4	131
Tiruchirappalli	90.5	86.1	83.4	92.2	99.4	86.1	66.2	77.3	188
Tirunelveli	85.0	84.5	80.1	90.8	100.0	87.4	65.5	86.1	225
Tiruppur	93.5	68.6	90.4	95.0	100.0	95.0	74.2	85.9	143
Tiruvannamalai	97.6	81.2	92.9	94.3	97.9	84.5	63.5	76.1	141
Vellore	95.4	84.4	86.0	96.8	97.9	94.2	84.6	79.3	311
Viluppuram	94.9	80.1	85.0	95.4	98.9	72.7	44.8	80.1	220
Virudhunagar	83.4	65.0	78.6	86.3	99.4	69.5	58.3	76.1	138
Tamil Nadu	89.9	77.4	82.4	89.7	98.7	82.5	63.1	76.7	5,122

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

<sup>1</sup> Includes mothers with two injections during the pregnancy for her last live 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 live 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 live birth

### 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, Tamil Nadu, 2019-21

						Number of women who met with a
		Percenta	ge who received	advice on:		community — health worker
De demons de la constant de la	Importance of institutional	Cardaana	Durantfandian	Keeping the	Family	in the last three months
Background characteristic	delivery	Cord care	Breastfeeding	baby warm	planning	of pregnancy <sup>1</sup>
Mother's age at birth						
<20	96.0	94.3	98.0	97.7	95.9	370
20-34	94.7	94.3	97.8	96.9	95.1	4,036
35-49	97.5	97.9	98.7	97.9	96.5	134
Birth order						
1	94.6	94.3	97.4	96.3	94.3	1,837
2-3	95.0	94.4	98.2	97.4	95.8	2,633
4 or more	98.9	98.4	99.7	99.7	94.5	69
Residence						
Urban	94.7	94.5	97.4	96.4	94.4	1,970
Rural	95.1	94.4	98.2	97.5	95.7	2,570
Schooling						
No schooling	98.4	98.4	100.0	100.0	96.9	73
<5 years complete	97.3	99.2	99.2	99.2	97.2	74
5-9 years complete	94.7	94.7	97.8	97.0	94.5	1,040
10-11 years complete	96.1	95.7	97.9	97.6	97.0	795
12 or more years complete	94.4	93.7	97.8	96.7	94.7	2,558
Religion						
Hindu	94.8	94.5	98.0	97.1	95.2	4,149
Muslim	98.6	97.1	100.0	99.7	96.0	154
Christian	94.6	91.6	95.0	94.5	94.5	237
Caste/tribe						
Scheduled caste	95.0	94.4	98.0	97.7	95.6	1,341
Scheduled tribe	96.9	93.3	99.6	97.1	98.1	94
Other backward class	95.1	94.8	98.1	97.1	95.2	3,021
Other	85.3	81.7	87.0	83.2	79.5	74
Total	94.9	94.4	97.9	97.0	95.2	4,540

Note: Total includes women belonging to other religions and women who don't know their caste/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, Tamil Nadu, 2019-21

	Percentage of pregnancies	-		Pregnan	cy outcome <sup>1</sup>			Number of pregnancies
	with an	Number of				Still		with an
Background characteristic	ultrasound test	pregnancies	Son	Daughter	Termination		Total	ultrasound test
No. the set of the set								
Mother's age at pregnancy	05.0	4.067	45 6	20.0		0.7	400.0	4.046
<20	95.3	1,067	45.6	38.6	7.1	8.7	100.0	1,016
20-34	93.8	6,637	44.7	39.4	7.6	8.3	100.0	6,228
35-49	85.4	211	36.0	35.1	22.4	6.5	100.0	180
Residence								
Urban	93.4	3 <i>,</i> 557	43.8	39.0	8.5	8.7	100.0	3,323
Rural	94.1	4,358	45.2	39.3	7.4	8.1	100.0	4,102
Antenatal care visits <sup>2</sup>								
None	94.2	225	36.8	50.7	5.7	6.8	100.0	212
1-3	94.6	315	47.4	40.5	5.0	7.2	100.0	298
4 or more	93.6	5,803	45.1	38.7	8.1	8.2	100.0	5,430
Don't know	96.5	67	54.0	37.0	4.1	4.9	100.0	64
Mother's schooling								
No schooling	92.8	136	52.4	36.7	8.8	2.1	100.0	126
<5 years complete	88.8	123	61.2	29.3	5.6	3.9	100.0	109
5-9 years complete	92.7	1,754	46.7	39.1	8.2	6.0	100.0	1,626
10-11 years complete	93.5	1,323	44.8	40.1	7.4	7.8	100.0	1,237
12 or more years complete	94.5	4,580	43.1	39.3	8.0	9.7	100.0	4,327
Religion								
Hindu	93.8	7,229	44.6	39.2	7.9	8.4	100.0	6,785
Muslim	92.8	269	51.2	35.7	5.2	7.9	100.0	250
Christian	93.6	416	40.8	41.0	10.4	7.8	100.0	389
Caste/tribe								
Scheduled caste	94.1	2,355	45.6	38.2	8.4	7.7	100.0	2,217
Scheduled tribe	87.8	157	43.5	44.6	5.9	5.9	100.0	138
Other backward class	93.9	5,262	43.9	39.6	7.9	8.7	100.0	4,943
Other	89.1	123	53.2	36.3	0.7	9.8	100.0	110
Mother's number of living								
children at time of pregnancy								
No children	94.9	3,951	44.2	39.2	7.9	8.8	100.0	3,752
1 child	94.3	3,225	44.6	40.2	7.1	8.0	100.0	3,040
0 sons	94.5	1,518	45.1	39.7	7.1	8.2	100.0	1,435
1 son	94.1	1,707	44.2	40.8	7.1	7.9	100.0	1,606
2 children	86.3	654	47.4	35.0	10.6	7.0	100.0	564
0 sons	94.8	261	59.7	29.4	4.2	6.7	100.0	247
1 or more sons	80.6	393	37.8	39.4	15.5	7.3	100.0	317
3 children	79.7	76	42.2	23.8	23.4	10.6	100.0	60
0 sons	(92.9)	28	(52.1)	(28.1)	(7.5)	(12.4)	100.0	26
1 or more sons	(71.9)	48	(34.8)	(20.6)	(35.5)	(9.2)	100.0	34
Total	93.8	7,915	44.6	39.2	7.9	8.3	100.0	7,425

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, women who don't know their caste/tribe, and women who have 4 or more children, 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, Tamil Nadu, 2019-21

	Percentage of		Timing of p	regnancy re	egistration	Percentage	Numerican - f
	pregnancies			-8.4.4	-	of mothers	Number of
	that were	Number of	First	1	Don't	given an	registered
Background characteristic	registered	pregnancies	trimester	Later	know	MCP card	pregnancies
Mother's age at birth							
<20	98.7	406	90.9	8.2	0.0	99.7	401
20-34	98.0	4,553	91.4	8.0	0.1	98.8	4,461
35-49	96.7	163	86.4	13.6	0.0	97.3	158
Birth order							
1	97.7	2,126	91.3	8.1	0.2	98.3	2,077
2-3	98.3	2,920	91.3	8.1	0.1	99.1	2,870
4 or more	96.9	75	83.9	16.1	0.0	100.0	73
Residence							
Urban	97.6	2,335	90.0	9.2	0.2	98.1	2,279
Rural	98.4	2,787	92.1	7.4	0.1	99.4	2,742
Schooling							
No schooling	99.4	81	85.0	15.0	0.0	96.2	81
<5 years complete	96.7	83	92.3	7.7	0.0	100.0	80
5-9 years complete	98.8	1,135	90.7	8.8	0.0	98.7	1,122
10-11 years complete	98.7	852	92.0	7.6	0.2	99.2	841
12 or more years complete	97.5	2,970	91.3	8.0	0.1	98.8	2,896
Religion							
Hindu	98.0	4,671	91.2	8.1	0.1	98.9	4,579
Muslim	96.9	181	94.5	5.2	0.0	97.8	175
Christian	98.1	269	88.1	11.3	0.6	97.8	264
Caste/tribe							
Scheduled caste	98.8	1,466	90.4	9.3	0.0	99.0	1,448
Scheduled tribe	100.0	98	92.1	7.9	0.0	100.0	98
Other backward class	97.6	3,457	91.5	7.8	0.1	98.7	3,374
Other	98.2	90	90.5	7.2	2.3	99.5	88
Total	98.0	5,122	91.2	8.2	0.1	98.8	5,020

Note: Total includes women belonging to other religions and women who don't know their caste/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, 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, Tamil Nadu, 2019-21

Delivery and postnatal care descriptors	Urban	Rural	Total
Place of delivery			
Health facility	99.8	99.4	99.6
Public sector	58.0	74.0	66.9
NGO/trust	0.3	0.1	0.2
Private sector	41.5	25.3	32.5
At home	0.2	0.5	0.4
Own home	0.0	0.3	0.2
Parent's home	0.2	0.3	0.2
Other <sup>1</sup>	0.0	0.0	0.0
Total	100.0	100.0	100.0
Assistance during delivery <sup>2</sup>			
Doctor	94.6	91.7	92.9
ANM/nurse/midwife/LHV	5.4	7.9	6.8
Other health personnel	0.0	0.1	0.1
Dai (TBA)	0.0	0.1	0.0
Friends/relatives	0.0	0.2	0.1
Other	0.0	0.0	0.0
Total	100.0	100.0	100.0
Percentage of all births delivered by a skilled provider <sup>3</sup>	100.0	99.7	99.8
Percentage of home births delivered by a skilled provider <sup>3</sup>	0.2	0.3	0.2
Percentage delivered by caesarean section	47.5	42.9	44.9
Percentage delivered by emergency caesarean section <sup>4</sup>	19.9	18.0	18.8
Number of births	2,841	3,562	6,403
Timing after delivery of mother's first postnatal check <sup>5</sup>			
Less than four hours	83.2	82.9	83.1
4-23 hours	1.7	2.0	1.9
1-2 days	7.1	7.7	7.5
3-41 days	5.7	5.3	5.5
No postnatal check	2.3	2.0	2.1
Total	100.0	100.0	100.0
Type of provider of mother's first postnatal check <sup>5</sup>			
Doctor	88.6	86.2	87.3
ANM/nurse/midwife/LHV	9.0	11.6	10.4
Other health personnel	0.0	0.1	0.1
Dai (TBA)	0.0	0.1	0.0
Other	0.0	0.0	0.0
No postnatal check	2.3	2.0	2.1
Total	100.0	100.0	100.0
Number of last live births	2,335	2,787	5,122

NGO = Nongovernmental organization; ANM = Auxiliary nurse midwife; LHV = Lady health visitor; TBA = Traditional birth attendant <sup>1</sup> Includes missing

 $^{\rm 2}$  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. Postnatal checks are checks on the woman's health within 42 days of the birth

							Percentage of		Among births in the year preceding the survey:	in the year ie survey:
Background characteristic	Percentage of Perce births delivered births in a public in a health facility healt	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>	women with a postnatal check within two days of birth <sup>2,3</sup>	Number of women	Percentage of deliveries assisted by health personnel <sup>1</sup>	Number of births
Mother's age at birth										
<20	82.5	17.2	99.7	99.8	638	97.7	93.3	406	100.0	143
20-34	65.7	33.9	9.66	99.8	5,584	98.0	92.4	4,553	99.8	1,232
35-49	49.2	50.5	99.7	99.7	181	95.9	90.3	163	(100.0)	46
Residence										
Urban	58.0	41.8	99.8	100.0	2,841	97.7	92.0	2,335	100.0	598
Rural	74.0	25.4	99.4	99.7	3,562	98.0	92.7	2,787	9.66	823
Birth order										
1	64.0	35.8	99.7	99.9	3,168	97.9	92.9	2,126	99.8	682
2-3	69.4	30.1	99.5	99.8	3,149	97.9	92.2	2,920	99.7	719
4 or more	82.7	13.5	96.2	96.2	86	93.9	87.1	75	*	20
Antenatal care visits <sup>2</sup>										
None	62.5	36.0	98.5	98.3	190	94.8	86.5	190	(97.5)	49
1-3	64.1	35.9	100.0	100.0	267	96.0	82.6	267	100.0	71
4+	65.7	34.0	99.7	99.9	4,605	98.2	93.3	4,605	99.9	1,268
Don't know	70.4	29.6	100.0	100.0	60	91.3	87.3	60	*	20
Mother's schooling										
No schooling	94.7	3.6	98.3	98.9	115	94.8	89.4	81	*	11
<5 years complete	80.9	15.0	95.9	97.3	101	97.6	92.8	83	*	15
5-9 years complete	80.8	18.5	99.3	99.66	1,442	97.9	91.4	1,135	99.3	248
10-11 years complete	79.5	20.0	99.5	99.8	1,080	98.7	93.7	852	100.0	231
12 or more years complete	56.5	43.4	6.66	100.0	3,666	97.7	92.5	2,970	100.0	917

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Table 52 Delivery and postnatal care by background characteristics

							Percentage of		Among births in the year preceding the survey:	in the year he survey:
	Percentage of births delivered	Percentage of Percentage of births delivered births delivered	Percentage of births	Percentage of deliveries assisted		Percentage of women with a	women with a postnatal check within		Percentage of deliveries assisted by	
Background characteristic	in a public health facility	in a private health facility	delivered in a health facility	by health personnel <sup>1</sup>	Number of births	postnatal check <sup>2,3</sup>	two days of birth <sup>2,3</sup>	Number of women	health personnel <sup>1</sup>	Number of births
Religion		- - -	Ĺ		1 0 1					
Muslim	100.2 50.8	7 07	0.001	0.001	00% 278	0.78p	92.5 92 1	4,0/1 181	0.001	т, 207 50
Christian	56.3	43.7	100.0	100.0	339	98.1	93.6	269	100.0	85
Caste/tribe										
Scheduled caste	83.6	15.8	99.4	9.66	1,907	98.0	92.4	1,466	99.7	449
Scheduled tribe	77.3	22.7	100.0	100.0	125	95.9	88.4	98	(100.0)	35
Other backward class	59.6	40.1	99.7	99.9	4,248	97.9	92.6	3,457	99.8	911
Other	47.9	52.1	100.0	100.0	110	97.7	89.6	06	*	23
Place of delivery										
Public health facility	100.0	0.0	100.0	6.66	4,284	97.9	91.9	3,358	99.7	976
Private health facility <sup>4</sup>	0.0	100.0	100.0	100.0	2,093	97.9	93.2	1,748	100.0	441
Home	па	na	na	(58.6)	25	*	*	15	*	m
Total	6.9	32.7	9.66	99.8	6,403	97.9	92.4	5,122	99.8	1,421
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 information on births to women belonging to other religions and women who don't know their caste/tribe, which is not shown separately. a = Not applicable 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 quert by the most preceding the survey <sup>3</sup> Portnatal checks are checks on the woman's health within 42 days of the birth	re based on 25-49 helonging to other t.tor, auxiliary nurse d person is consider e 5 years preceding othe woman's healing	unweighted cases religions and wome midwife, nurse, mic ed in this table. the survey b within 42 days of '	ed cases. An asterisk indicates that a figure is based on fewer than 25 unweighted cases and has been suppressed. Total includes and women who don't know their caste/tribe, which is not shown separately. nurse, midwife, lady health visitor, and other health personnel. If the respondent mentioned more than one person attending during value.	tes that a figure v their caste/trib visitor, and othe	is based on e, which is no r health perso	fewer than 25 t shown separa onnel. If the res	unweighted case tely. pondent mentior	s and has bee ied more than	n suppressed. T one person atte	otal includes ending during

Table 52 Delivery and postnatal care by background characteristics—Continued

### 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, Tamil Nadu, 2019-21

	Percentage of births delivered in a public	Percentage of births delivered in a private	Percentage of births delivered in a	Percentage of deliveries assisted by health	Percentage of births delivered by caesarean	Number	Percentage of women who received postnatal care from a health personnel within two days	Number of
District	health facility	health facility		personnel <sup>1</sup>	section	of births	of delivery <sup>2</sup>	women
			-	•				
Ariyalur	72.0	28.0	100.0	100.0	57.3	68	95.7	56
Chennai	60.1	39.9	100.0	100.0	50.5	295	95.0	246
Coimbatore	60.1	39.9	100.0	100.0	50.9	257	93.2	209
Cuddalore	72.5	26.7	99.2	99.1	51.4	255	86.6	203
Dharmapuri	73.0	26.6	99.6	99.6	29.1	172	97.9	131
Dindigul	74.5	22.4	97.0	98.6	33.3	269	96.2	216
Erode	51.4	48.6	100.0	100.0	48.5	258	96.5	217
Kancheepuram	68.5	31.5	100.0	100.0	40.2	332	85.4	272
Kanniyakumari	39.4	60.6	100.0	100.0	68.3	141	85.4	117
, Karur	56.8	43.2	100.0	99.2	47.8	71	95.4	57
Krishnagiri	75.9	23.7	99.6	100.0	31.9	185	95.1	144
Madurai	70.0	30.0	100.0	100.0	43.8	293	90.9	240
Nagapattinam	69.0	30.6	99.7	100.0	49.4	174	91.9	134
Namakkal	59.8	40.2	100.0	100.0	53.7	133	94.8	102
Perambalur	69.5	30.5	100.0	100.0	50.3	44	88.7	36
Pudukkottai	68.6	31.4	100.0	100.0	41.2	161	94.5	136
Ramanathapuram	72.5	27.1	99.6	99.3	47.4	155	93.9	129
Salem	63.7	36.3	100.0	100.0	43.0	240	92.4	190
Sivaganga	73.3	26.7	100.0	100.0	43.2	128	89.0	106
Thanjavur	59.5	40.5	100.0	100.0	51.4	166	92.8	131
The Nilgiris	62.2	37.8	100.0	100.0	42.3	58	91.6	51
Theni	81.7	18.3	100.0	100.0	43.6	161	97.1	130
Thiruvallur	72.3	27.7	100.0	100.0	46.4	397	88.9	302
Thiruvarur	62.7	37.3	100.0	100.0	60.6	90	88.0	73
Thoothukkudi	59.1	40.9	100.0	100.0	52.0	154	94.3	131
Tiruchirappalli	65.3	33.3	98.6	99.0	41.0	239	96.8	188
Tirunelveli	47.2	52.8	100.0	100.0	60.2	274	92.5	225
Tiruppur	61.0	39.0	100.0	100.0	46.4	170	93.7	143
Tiruvannamalai	85.8	13.3	99.1	99.1	27.7	189	98.0	141
Vellore	67.6	31.9	99.5	100.0	42.4	403	98.2	311
Viluppuram	84.3	14.8	99.1	100.0	28.0	298	87.5	220
Virudhunagar	66.3	31.5	97.8	100.0	50.0	173	78.8	138
Tamil Nadu	66.9	32.7	99.6	99.8	44.9	6,403	92.4	5,122

<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.

 $^{\rm 2}$  Postnatal checks are checks on the woman'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, Tamil Nadu, 2019-21

				Percentage who received	
	A	verage cost (Rs.	)1	– financial	Number of
Background	Public	Private	Any	assistance	births in a
characteristic	health facility	health facility	health facility	under JSY	health facility
Mother's age at birth <20	2.004	27.240	8,874	21.7	587
<20 20-34	3,004	37,348			
	3,348	36,488	15,319	19.7	4,372
35-49	4,110	45,935	23,855	19.2	147
Birth order					
1	3,417	39,146	15,833	20.8	3,117
2-3	3,153	33,502	13,388	18.9	1,944
4 or more	3,446	17,254	6,457	3.7	45
Residence					
Urban	3,647	36,954	17,887	18.3	2,330
Rural	3,097	36,848	12,245	21.3	2,775
Schooling					
No schooling	2,931	42,383	4,550	26.2	80
<5 years complete	3,578	59,686	12,837	20.8	81
5-9 years complete	3,042	34,005	9,076	19.9	1,128
10-11 years complete	3,275	30,873	9,217	21.7	849
12 or more years					
complete	3,493	37,982	18,953	19.2	2,967
Religion					
Hindu	3,299	37,230	14,469	20.1	4,654
Muslim	3,429	30,865	17,333	20.1	181
Christian	3,619	37,554	19,220	16.8	269
Caste/tribe					
Scheduled caste	3,218	36,632	8,891	22.1	1,459
Scheduled tribe	1,834	22,963	7,001	17.1	98
Other backward class	3,375	37,089	17,332	19.0	3,447
Other	3,333	40,962	22,467	21.8	90
Total	3,316	36,909	14,821	19.9	5,105

Note: Total includes information on births to women belonging to other religions and women who don't know their caste/tribe, which is 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, Tamil Nadu, 2019-21

				Percentage of last births		Percentage of births in a	
	Percentage		Percentage of	receiving		health facility	
	of births		last births	antenatal		receiving	
	of birth		receiving	care from		financial	Number of
	order	Number	antenatal care	ANM/nurse/	Number of	assistance	births in a
District	3 or more	of births	from doctor	midwife/LHV	last births	under JSY	health facility
Ariyalur	12.8	41	88.5	84.4	56	31.0	56
Chennai	3.3	183	95.4	80.0	246	21.8	246
Coimbatore	1.1	145	94.3	78.3	209	27.7	209
Cuddalore	20.0	147	78.7	64.1	203	3.7	202
Dharmapuri	26.3	107	88.9	75.8	131	26.5	131
Dindigul	10.1	162	85.2	74.9	216	23.4	211
Erode	2.0	179	97.5	90.0	217	15.3	217
Kancheepuram	4.6	195	77.2	51.7	272	6.6	272
Kanniyakumari	2.1	84	88.5	79.4	117	26.3	117
Karur	7.8	44	90.2	68.5	57	10.0	57
Krishnagiri	19.8	111	79.8	77.0	144	24.3	143
Madurai	4.3	158	80.4	78.3	240	34.6	240
Nagapattinam	7.3	107	94.7	78.6	134	24.9	134
Namakkal	11.6	80	86.5	68.5	102	35.9	102
Perambalur	13.7	26	95.5	80.5	36	18.7	36
Pudukkottai	15.1	98	79.7	72.1	136	10.0	136
Ramanathapuram	9.9	92	83.5	82.7	129	17.1	128
Salem	11.5	137	87.1	81.3	190	16.5	190
Sivaganga	10.0	82	85.5	81.7	106	52.2	106
Thanjavur	14.9	101	86.0	75.7	131	15.5	131
The Nilgiris	4.4	37	90.9	77.6	51	21.0	51
Theni	8.4	104	91.5	87.7	130	4.8	130
Thiruvallur	4.4	237	79.4	58.4	302	12.3	302
Thiruvarur	6.5	51	92.7	89.8	73	13.3	73
Thoothukkudi	5.4	108	80.0	82.5	131	35.2	131
Tiruchirappalli	14.4	139	88.6	79.7	188	6.3	185
Tirunelveli	9.3	162	87.4	82.2	225	13.5	225
Tiruppur	5.9	92	93.8	81.9	143	26.8	143
Tiruvannamalai	18.7	109	93.0	83.3	141	26.0	141
Vellore	10.9	251	87.1	75.3	311	21.2	309
Viluppuram	21.4	173	90.4	76.9	220	19.2	217
Virudhunagar	3.5	104	81.7	71.3	138	28.2	135
Tamil Nadu	9.8	3,846	86.8	75.9	5,122	19.9	5,105

#### 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, Tamil Nadu, 2019-21

	Time	e between de postna	elivery an Ital health		s first			Percentage of births with a health check in	
Background	Less than		4-23			No postnatal		the first two	Number
characteristic	1 hour	1-3 hours	hours	1-2 days	3-6 days	health check <sup>1</sup>	Total	days after birth	
Mother's age at birth									
<20	32.6	54.8	2.2	5.6	1.0	3.4	100.0	95.2	589
20-34	33.0	52.6	1.7	6.7	1.2	4.5	100.0	94.0	4,386
35-49	28.7	58.3	2.7	1.4	2.2	6.6	100.0	91.2	147
Birth order									
1	32.4	53.7	2.1	6.2	1.0	3.9	100.0	94.4	2,126
2-3	33.2	52.5	1.5	6.6	1.3	4.7	100.0	93.8	2,920
4-5	32.9	53.4	0.9	4.7	1.4	6.8	100.0	91.9	72
Place of delivery									
Public health facility	33.1	53.1	1.8	6.3	1.1	4.3	100.0	94.2	3,358
Private health facility <sup>2</sup>	32.6	53.1	1.8	6.5	1.3	4.3	100.0	94.0	1,748
Residence									
Urban	30.2	55.4	1.7	6.9	1.1	4.2	100.0	94.2	2,335
Rural	35.0	51.1	1.8	5.9	1.2	4.6	100.0	93.8	2,787
Religion									
Hindu	33.1	52.5	1.9	6.5	1.2	4.4	100.0	94.0	4,671
Muslim	32.6	55.7	1.1	4.2	1.2	4.5	100.0	93.7	181
Christian	27.6	60.6	0.3	6.2	0.3	4.2	100.0	94.7	269
Caste/tribe									
Scheduled caste	34.4	52.1	1.3	6.8	1.0	4.0	100.0	94.5	1,466
Scheduled tribe	40.1	39.7	2.9	8.9	0.0	8.0	100.0	91.7	98
Other backward class	32.6	53.7	1.8	5.9	1.3	4.4	100.0	94.0	3,457
Other	10.0	57.2	7.5	13.1	0.6	9.6	100.0	87.9	90
Mother's schooling									
No schooling	35.2	55.2	0.0	3.9	1.5	4.2	100.0	94.2	81
<5 years complete	25.5	58.0	0.7	7.5	0.0	8.3	100.0	91.7	83
5-9 years complete	36.8	48.1	2.1	7.1	0.7	5.0	100.0	94.1	1,135
10-11 years complete	31.7	56.2	1.8	5.1	1.1	3.6	100.0	94.9	852
12 or more years									
complete	31.8	53.8	1.7	6.5	1.4	4.3	100.0	93.8	2,970
Total	32.8	53.0	1.8	6.4	1.2	4.4	100.0	94.0	5,122

Note: Total includes information on births of birth order 6 or more, births to women who delivered at home or an other place of delivery, births to women belonging to other religions, and births to women who don't know their caste/tribe, which is 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

Indicator	NFHS-5 (2019-21)	NFHS-4 (2015-16)
URBAN		
Percentage who received antenatal care <sup>1</sup>	94.4	91.7
Percentage who had at least four antenatal care visits <sup>1</sup>	88.8	82.5
Percentage who received antenatal care within the first trimester of pregnancy <sup>1</sup>	76.7	66.1
Percentage of births delivered in a health facility <sup>2</sup>	99.8	99.6
Percentage of deliveries assisted by health personnel <sup>2,3</sup>	100.0	99.6
RURAL		
Percentage who received antenatal care <sup>1</sup>	95.8	91.1
Percentage who had at least four antenatal care visits <sup>1</sup>	90.8	81.8
Percentage who received antenatal care within the first trimester of pregnancy <sup>1</sup>	78.0	63.5
Percentage of births delivered in a health facility <sup>2</sup>	99.4	99.2
Percentage of deliveries assisted by health personnel <sup>2,3</sup>	99.7	99.2
TOTAL		
Percentage who received antenatal care <sup>1</sup>	95.1	91.4
Percentage who had at least four antenatal care visits <sup>1</sup>	89.9	82.1
Percentage who received antenatal care within the first trimester of pregnancy <sup>1</sup>	77.4	64.7
Percentage of births delivered in a health facility <sup>2</sup>	99.6	99.4
Percentage of deliveries assisted by health personnel <sup>2,3</sup>	99.8	99.4
<sup>1</sup> Based on the last birth to women in the 5 years preceding the survey		

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

<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, by residence, Tamil Nadu, 2019-21

Antenatal and delivery care information	Urban	Rural	Total
Percentage of men for whom the child's mother received antenatal care	98.0	98.7	98.4
Percentage of men who were present at any antenatal care visit	87.8	93.8	91.1
Percentage who were told by a health provider or worker about the			
following signs of pregnancy complications:			
Vaginal bleeding	65.9	53.6	59.2
Convulsions	61.6	52.2	56.4
Prolonged labour	79.9	71.7	75.4
Severe abdominal pain	75.4	65.8	70.1
High blood pressure	73.6	58.3	65.2
Percentage ever told what to do if the child's mother had any			
pregnancy complications	74.2	70.9	72.4
Percentage whose youngest child age 0-35 months was delivered in a			
health facility	100.0	99.6	99.8
Percentage to whom a health provider or worker spoke about the			
following aspects of maternal care:			
The importance of delivering the baby in a health facility	83.9	88.9	86.7
The importance of proper nutrition for the mother during pregnancy	93.3	93.6	93.5
Family planning or delaying his next child	84.7	84.0	84.3
Number of men with a youngest child age 0-35 months	242	295	538

characteristics	
/ background cl	
Vaccinations by	
Table 59	

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

-		Н€	Hepatitis B or Penta <sup>1</sup>	or Penta	1	DPT	DPT or Penta	в		Polio <sup>2</sup>	,2		MCV/		All age	:	Percentage with a	Number
Background characteristic	BCG	0	1	2	ю	1	2	c	0	1	2	 	Measles/ MMR/MR va	All basic accinations <sup>3</sup>	Measles/ All basic appropriate No MMR/MR vaccinations <sup>3</sup> vaccinations <sup>5</sup>	No vaccinations <sup>5</sup>	vaccination card seen	ot children
<b>Sex</b> Male Female	97.7 97.7	84.4 85.5	95.6 95.9	94.9 95.3	92.6 92.0	97.1 97.9	96.4 97.2	94.4 95.2	96.3 97.5	96.6 96.6	95.2 96.1	92.0 90.9	95.6 96.1	89.6 88.7	79.2 77.7	1.7 1.3	94.5 95.8	683 574
Birth order 1 2-3	96.8 98.6	83.6 86.1	94.9 96.7	94.5 95.8	91.8 93.0	96.8 98.0	95.9 97.5	93.9 95.6	95.7 98.2	96.4 96.8	95.2 96.0	90.4 92.6	94.8 96.7	87.6 90.9	77.8 79.3	1.9 1.1	94.1 96.0	642 602
<b>Residence</b> Urban Rural	96.9 98.2	82.6 87.0	94.9 96.4	94.1 95.9	90.4 94.1	96.7 98.1	95.7 97.7	93.0 96.3	96.1 97.6	95.4 97.7	94.2 96.8	89.9 92.9	94.7 96.8	86.4 91.7	75.3 81.4	2.0 1.1	93.7 96.2	593 665
Mother's schooling No schooling <5 years complete 5-7 years complete 8-9 years complete 10-11 years complete 12 or more years	(91.7) (100.0) 95.7 98.6 96.1	(85.7) (93.9) 83.8 85.9 80.1	(91.7) (93.6) 94.0 96.7 93.0	(91.7) (87.4) 91.7 96.4 93.0	(91.7) (87.4) 91.7 94.9 90.2	(91.7) (100.0) 96.8 99.4 95.8	(91.7) (100.0) ( 94.5 97.2 95.8	(91.7) (100.0) ( 94.5 95.8 93.8	(91.7) (100.0) ( 94.6 97.5 96.1	(89.4) (100.0) ( 95.1 98.4 94.7	(89.4) ( (100.0) ( 93.0 97.3 94.7	(83.4) (98.2) 88.7 91.4 89.1	(85.7) (100.0) 94.5 95.9 93.2	(83.4) (98.2) 87.6 89.1 88.4	(83.4) (81.2) 78.4 80.2 73.6	(8.3) (0.0) 3.2 3.2 3.2	(85.7) (100.0) 90.7 93.8 93.2	26 34 89 178 211
complete	98.1	85.8	96.7	96.2	92.7	97.6	97.2	94.7	97.2	97.0	95.8	92.5	96.9	89.5	79.2	0.8	96.6	721
<b>Religion</b> Hindu Muslim Christian	97.5 99.0 98.7	83.9 90.2 98.7	95.3 99.4 100.0	94.8 98.1 96.7	91.9 98.1 96.7	97.2 100.0 100.0	96.5 98.8 100.0	94.3 98.8 100.0	96.7 98.4 98.7	96.4 98.4 98.6	95.3 98.4 98.6	90.8 98.4 98.6	95.4 99.5 100.0	88.5 95.7 97.3	77.3 86.9 94.0	1.7 0.0 0.0	94.7 98.0 100.0	1,146 48 63
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characterist	
ions by background ch	
Vaccinations by	
Table 59	

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, Tamil Nadu, 2019-21, and total for NFHS-4

		Ψ	Hepatitis B or Penta $^1$	or Penta	1 <sup>1</sup>	ΓdΟ	PT or Penta	a.		Polio <sup>2</sup>	02		MCV/		All age		Percentage with a	
Background characteristic	BCG 0	0	1	2	ю	1	2	ю	0	1	2	с	Measles/ MMR/MR va	All basic /accinations <sup>3</sup>	Measles/ All basic appropriate No vaccination of MMR/MR vaccinations <sup>3</sup> vaccinations <sup>5</sup> card seen children	No vaccinations	vaccination <sup>5</sup> card seen ch	of children
Caste/tribe																		
Scheduled caste	98.3	84.9	98.3 84.9 95.0 93.9 91.2 98.0	93.9	91.2	98.0	97.1	95.1	97.7	98.6	97.5	92.5	95.1	90.4	78.5	0.8	95.9	335
Other backward class		86.3	97.5 86.3 95.9	95.5	92.8	97.2	96.6	94.7	90.6	96.0	95.3	91.6	96.3	89.9	80.2	1.9	95.3	860
Other	(97.2)	(58.0)	(97.2) (58.0) (100.0) (100.0) (100.0) (100.0)	(100.0)	(100.0)	(100.0)	(100.0) (100.0)	(100.0)	(97.2)	(92.9)	(86.8) (82.2)	(82.2)	(0.40)	(73.3)	(41.1)	(0.0)	(85.9)	34
Total	97.6	84.9	97.6 84.9 95.7 95.1 92.3	95.1	92.3	97.5	96.7	94.7	96.9	96.6	96.6 95.6 91.5	91.5	95.8	89.2	78.5	1.5	95.1	1,258
NFHS-4 (2015-16)	94.9	82.1	94.9 82.1 83.7 76.9 68.2 92.4	76.9	68.2	92.4	89.0	84.5	92.9		94.9 92.2 82.3	82.3	85.1	69.7	па	3.4	80.3	1,560
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-	ered to ha collected.	we receiv The prop	/ed the va oortions o	ccine if it f vaccinat	was eithe ions given	r written during th	on the ch	ild's vaccii ar of life a	nation car re assumé	d or repo	rted by t <del>l</del> he same	as for chil	r. For childre dren with a v	n whose vacci written record	nation informati of vaccination. I	on is based on Figures in parer	the mother's r ntheses are ba	eport, the sed on 25-

181118 ٥. 8 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/Penta, and three doses each of DPT/Penta and polio vaccine (excluding polio vaccine given at birth) <sup>5</sup> Child has not received any vaccinations listed in the table.

district	
>	
q	
Vaccinations	
60	
Table	

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, Tamil Nadu, 2019-21

District         Risk         0         1         3         1         3         1         3         1         3         1         3         1         1         1         Netrotion of the constraints         Not constrain				Hepatitis I	Hepatitis B or Penta $^1$	H	ā	DPT or Penta	n		Polio <sup>2</sup>	02		MCV/		All age		Percentage with a	Number
Aryalur         (1000)         (363)         (1000)         (1000)         (363)         (300)         (1000)         (393)	District	BCG	0	Ч	2	m	1	2	m	0	Ч	2	ε	Measles/ MMR/MR v	All basic accinations	appropriate vaccinations <sup>4</sup>	No vaccinations <sup>5</sup>		of children
Centralia (2000) (73-5) (92-6) (92-0) (92-0) (92-0) (92-6) (95-6) (95-6) (95-6) (95-6) (95-6) (95-7) (92-5) (92-9) (92-4) (92-4) (92-4) (92-5) (92-6) (92-6)	Ariyalur	(100.0)	(86.3)	(100.0)	(100.0)	(93.6)	(100.0)	(100.0)	(93.6)	(100.0)	(100.0)	(100.0)	(80.8)	(100.0)	(90.8)	(79.9)	(0.0)	(100.0)	12
Combactore (200) 65-2 (5-2) (5	Chennai	(100.0)	(73.5)	(100.0)	(100.0)	(100.0)	(100.0)	(100.0)	(100.0)	(0.70)	(96.6)	(96.6)	(96.6)	(96.6)	(96.6)	(70.5)	(0.0)	(93.5)	78
Cubic         053 </td <td>Coimbatore</td> <td>(100.0)</td> <td>(95.2)</td> <td>(92.5)</td> <td>(92.5)</td> <td>(80.8)</td> <td>(96.2)</td> <td>(96.2)</td> <td>(94.5)</td> <td>(88.3)</td> <td>(100.0)</td> <td>(100.0)</td> <td>(98.3)</td> <td>(98.3)</td> <td>(94.5)</td> <td>(87.7)</td> <td>(0.0)</td> <td>(100.0)</td> <td>47</td>	Coimbatore	(100.0)	(95.2)	(92.5)	(92.5)	(80.8)	(96.2)	(96.2)	(94.5)	(88.3)	(100.0)	(100.0)	(98.3)	(98.3)	(94.5)	(87.7)	(0.0)	(100.0)	47
Dubrimpair 35 82 56 0 51 35 75 0 50 45 36 57 37 0 53 55 55 55 55 55 55 55 55 55 55 55 55	Cuddalore	(88.6)	(76.4)	(97.3)	(97.3)	(91.5)	(97.3)	(97.3)	(91.5)	(88.6)	(92.6)	(90.5)	(84.8)	(97.3)	(0.67)	(66.8)	(2.7)	(92.6)	44
Diricity         755         857         956         957         95	Dharmapuri	98.0	83.2	96.0	96.0	94.5	98.0	98.0	96.4	98.0	96.4	96.4	90.6	96.4	90.6	78.5	2.0	92.1	33
Clocal         (000)         (65.1) </td <td>Dindigul</td> <td>97.6</td> <td>88.7</td> <td>93.4</td> <td>93.4</td> <td>89.8</td> <td>97.6</td> <td>97.6</td> <td>92.6</td> <td>97.6</td> <td>96.2</td> <td>96.2</td> <td>92.6</td> <td>96.0</td> <td>92.6</td> <td>83.2</td> <td>2.4</td> <td>96.0</td> <td>51</td>	Dindigul	97.6	88.7	93.4	93.4	89.8	97.6	97.6	92.6	97.6	96.2	96.2	92.6	96.0	92.6	83.2	2.4	96.0	51
Kannklenum         (97.1)         (75.2)         (97.1)         (75.2)         (75	Erode	(100.0)	(96.2)	(100.0)	(100.0)	(100.0)	(100.0)	(100.0)	(100.0)	(100.0)	(100.0)	(100.0)	(95.9)	(100.0)	(95.9)	(94.3)	(0.0)	(95.9)	53
Kamiwatamati         (120)         (1300)         (1	Kancheepuram	(97.1)	(75.5)	(89.1)	(86.1)	(86.1)	(95.7)	(95.7)	(92.3)	(97.1)	(95.4)	(90.4)	(74.8)	(88.4)	(0.69)	(58.3)	(0.0)	(76.5)	70
Raru         (94.5)         (85.1)         (97.5)         (87.5)         (87.1)         (95.7)         (95.1)         (97.1)         (95.2)         (95.1) <td>Kanniyakumari</td> <td>(100.0)</td> <td>(94.0)</td> <td>(100.0)</td> <td>(100.0)</td> <td>(100.0)</td> <td>(100.0)</td> <td>(100.0)</td> <td>(100.0)</td> <td>(100.0)</td> <td>(0.96)</td> <td>(0.96)</td> <td>(0.96)</td> <td>(100.0)</td> <td>(0.96)</td> <td>(90.1)</td> <td>(0.0)</td> <td>(100.0)</td> <td>23</td>	Kanniyakumari	(100.0)	(94.0)	(100.0)	(100.0)	(100.0)	(100.0)	(100.0)	(100.0)	(100.0)	(0.96)	(0.96)	(0.96)	(100.0)	(0.96)	(90.1)	(0.0)	(100.0)	23
Victor         67         86.1         88.0         98.0         98.0         98.0         98.0         98.0         98.0         98.0         98.0         98.0         98.0 <th< td=""><td>Karur</td><td>(94.5)</td><td>(89.3)</td><td>(97.2)</td><td>(91.2)</td><td>(84.7)</td><td>(63.9)</td><td>(87.9)</td><td>(84.7)</td><td>(97.2)</td><td>(02.0)</td><td>(92.3)</td><td>(89.1)</td><td>(63.9)</td><td>(82.5)</td><td>(74.6)</td><td>(2.8)</td><td>(0:56)</td><td>17</td></th<>	Karur	(94.5)	(89.3)	(97.2)	(91.2)	(84.7)	(63.9)	(87.9)	(84.7)	(97.2)	(02.0)	(92.3)	(89.1)	(63.9)	(82.5)	(74.6)	(2.8)	(0:56)	17
Madural         (95.5)         (73.6)         (95.4)         (95.5)         (93.4)         (95.5)         (93.4)         (95.5)         (93.4)         (95.5)         (93.4)         (95.5)         (93.4)         (95.5)         (93.4)         (95.5)         (93.4)         (95.5)         (93.4)         (95.1)         (93.3)         (93.2)	Krishnagiri	96.7	86.2	89.9	88.0	84.2	96.7	94.8	91.1	95.3	93.0	91.6	87.3	91.1	87.3	74.3	3.3	96.7	41
Nagapartitiam         (100.0)         (180.0)	Madurai	(95.5)	(79.4)	(95.5)	(95.5)	(89.4)	(95.5)	(95.5)	(93.6)	(95.5)	(8.06)	(80.8)	(80.8)	(95.5)	(88.8)	(20.6)	(4.5)	(93.3)	61
Nameliar         [9:2]	Nagapattinam	(100.0)	(89.0)	(96.4)	(96.4)	(96.4)	(96.4)	(96.4)	(96.4)	(100.0)	(100.0)	(100.0)	(83.8)	(96.4)	(93.8)	(89.0)	(0.0)	(96.4)	25
Perambaluri (949) (90.1) (941) (92.5)	Namakkal	(92.5)	(71.8)	(92.9)	(92.9)	(87.3)	(96.2)	(96.2)	(96.2)	(92.5)	(93.2)	(90.4)	(87.5)	(96.2)	(83.9)	(66.2)	(3.8)	(96.2)	26
Paramathaguran         92.1         7.1         97.2         97.3         95.5         95.5         95.5         95.5         95.3         95.2         97.3         95.3         95.2         95.3         95.2         95.3         95.2         95.3         95.2         95.3         95.2         95.3	Perambalur	(67.9)	(90.1)	(67.9)	(92.5)	(92.5)	(6.4.9)	(92.5)	(92.5)	(94.9)	(92.5)	(92.5)	(92.5)	(67.9)	(92.5)	(87.7)	(2.1)	(92.5)	10
Ramantaburan         65.         81.1         92.7         90.7         83.3         55.         95.5         96.5         96.5         96.5         96.5         96.5         96.5         96.5         96.5         96.5         96.5         96.5         96.5         96.5         96.5         96.5         96.5         96.5         96.5         96.5         95.3         (77.6)         (82.9)         (92.1)         (92.1)         (92.1)         (92.1)         (92.1)         (92.3)         (95.2)         (95.2)         (95.3)         (95.3)         (95.3)         (95.3)         (95.3)         (95.3)         (95.3)         (95.3)         (95.3)         (95.2)         (95.3)         (95.2)         (95.3) <td>Pudukkottai</td> <td></td> <td>77.1</td> <td>97.1</td> <td>97.1</td> <td>97.1</td> <td>97.1</td> <td>97.1</td> <td>97.1</td> <td>89.2</td> <td>92.8</td> <td>90.7</td> <td>90.7</td> <td>94.6</td> <td>83.3</td> <td>72.4</td> <td>2.9</td> <td>92.0</td> <td>33</td>	Pudukkottai		77.1	97.1	97.1	97.1	97.1	97.1	97.1	89.2	92.8	90.7	90.7	94.6	83.3	72.4	2.9	92.0	33
Salem         (55.3)         (77.6)         (92.1)         (93.2)         (95.3)         (77.6)         (92.1)         (93.2) </td <td>Ramanathapuram</td> <td></td> <td>81.2</td> <td>92.7</td> <td>90.7</td> <td>88.7</td> <td>92.4</td> <td>90.3</td> <td>90.3</td> <td>96.5</td> <td>96.5</td> <td>96.5</td> <td>96.5</td> <td>96.5</td> <td>90.3</td> <td>78.3</td> <td>3.5</td> <td>96.5</td> <td>29</td>	Ramanathapuram		81.2	92.7	90.7	88.7	92.4	90.3	90.3	96.5	96.5	96.5	96.5	96.5	90.3	78.3	3.5	96.5	29
Sivaganga         (96.2)         (37.1)         (98.0)         (37.1)         (98.0)         (37.1)         (98.0)         (37.1)         (98.0)         (37.1)         (98.0)         (37.1)         (98.0)         (37.1)         (98.0)         (37.1)         (98.0)         (37.1)         (98.0)         (37.1)         (98.1)         (37.1)         (98.1)         (37.1)         (98.1)         (37.1)         (98.1)         (97.	Salem	(95.8)	(77.6)	(92.1)	(92.1)	(87.8)	(100.0)	(92.2)	(87.9)	(95.8)	(100.0)	(95.4)	(84.4)	(84.3)	(0'.22)	(68.6)	(0.0)	(89.6)	42
Thanjavur (100.0) (57.0) (92.9) (92.9) (92.4) (96.2) (95.7) (93.7) (100.0) (97.7) (100.0) (91.9) (95.2) (92.1) (72.0) (0.0) (91.9) (93.2) (35.7) (93.0) (85.3) (95.3) (95.3) (95.3) (100.0) (	Sivaganga	(96.2)	(87.1)	(0.86)	(97.1)	(67.9)	(0.86)	(0.86)	(95.8)	(96.2)	(95.8)	(95.8)	(91.3)	(95.8)	(89.4)	(81.6)	(2.0)	(0.86)	26
The Nigrirs         (100.0)         (31.7)         (95.8)         (95.8)         (95.7)         (100.0)         (101.0)         (102.0) <t< td=""><td>Thanjavur</td><td>(100.0)</td><td>(57.0)</td><td>(92.9)</td><td>(92.9)</td><td>(80.4)</td><td>(96.2)</td><td>(96.2)</td><td>(86.2)</td><td>(90.6)</td><td>(93.7)</td><td>(93.7)</td><td>(78.5)</td><td>(89.4)</td><td>(78.5)</td><td>(57.0)</td><td>(0.0)</td><td>(93.2)</td><td>30</td></t<>	Thanjavur	(100.0)	(57.0)	(92.9)	(92.9)	(80.4)	(96.2)	(96.2)	(86.2)	(90.6)	(93.7)	(93.7)	(78.5)	(89.4)	(78.5)	(57.0)	(0.0)	(93.2)	30
Theni         98.5         98.5         98.5         98.5         98.5         98.5         98.5         97.1         97.1         97.1         97.1         97.1         97.1         97.1         97.1         97.1         97.1         97.1         97.1         97.1         97.1         97.1         98.01         95.7         15.         100.0         35.           Thiuvaru         (100.0) <td>The Nilgiris</td> <td>(100.0)</td> <td>(81.7)</td> <td>(95.8)</td> <td>(95.8)</td> <td>(95.8)</td> <td>(100.0)</td> <td>(100.0)</td> <td>(100.0)</td> <td>(97.7)</td> <td>(100.0)</td> <td>(100.0)</td> <td>(91.9)</td> <td>(96.2)</td> <td>(1.06)</td> <td>(72.0)</td> <td>(0.0)</td> <td>(91.9)</td> <td>13</td>	The Nilgiris	(100.0)	(81.7)	(95.8)	(95.8)	(95.8)	(100.0)	(100.0)	(100.0)	(97.7)	(100.0)	(100.0)	(91.9)	(96.2)	(1.06)	(72.0)	(0.0)	(91.9)	13
Thiruvalur         (98.0)         (85.3)         (98.0)         (95.7)         (98.0)         (95.7)         (98.0)         (95.7)         (98.0)         (95.7)         (98.0)         (95.7)         (98.0)         (92.0)         (100.0) </td <td>Theni</td> <td>98.5</td> <td>98.5</td> <td>98.5</td> <td>98.5</td> <td>90.6</td> <td>98.5</td> <td>98.5</td> <td>9.96</td> <td>98.5</td> <td>97.1</td> <td>97.1</td> <td>95.9</td> <td>97.3</td> <td>95.2</td> <td>95.2</td> <td>1.5</td> <td>100.0</td> <td>36</td>	Theni	98.5	98.5	98.5	98.5	90.6	98.5	98.5	9.96	98.5	97.1	97.1	95.9	97.3	95.2	95.2	1.5	100.0	36
Thiruwaru         (100.0)	Thiruvallur	(0.86)	(86.3)	(0.86)	(95.7)	(88.6)	(0.86)	(95.7)	(6.06)	(0.86)	(0.86)	(0.86)	(95.7)	(0.86)	(88.6)	(20.6)	(2.0)	(0.86)	82
Thoothukkudi         (100.0)	Thiruvarur	(100.0)	(100.0)	(100.0)	(100.0)	(0.70)	(100.0)	(100.0)	(0.76)	(100.0)	(100.0)	(100.0)	(100.0)	(100.0)	(07.0)	(07.0)	(0.0)	(100.0)	14
Tiruchirappalli       (100.0)       (92.2)       (97.1)       (97	Thoothukkudi	(100.0)	(100.0)	(100.0)	(100.0)	(100.0)	(100.0)	(100.0)	(100.0)	(100.0)	(100.0)	(100.0)	(100.0)	(100.0)	(100.0)	(100.0)	(0.0)	(100.0)	35
Tirunelveli         (97.6)         (97.6)         (97.6)         (97.6)         (97.6)         (97.6)         (97.6)         (97.6)         (97.6)         (97.6)         (97.6)         (97.1)         (9	Tiruchirappalli	(100.0)	(92.2)	(97.1)	(97.1)	(97.1)	(97.1)	(97.1)	(97.1)	(100.0)	(97.1)	(97.1)	(97.1)	(97.1)	(97.1)	(89.2)	(0.0)	(100.0)	36
Tiruvannamalai       (97.1)       (88.5)       (97.1	Tirunelveli	(97.6)	(82.6)	(97.6)	(97.6)	(93.2)	(97.6)	(97.6)	(95.5)	(97.6)	(97.6)	(97.6)	(93.2)	(97.6)	(93.2)	(82.6)	(2.4)	(97.6)	57
Vellore         97.0         88.0         92.0         91.2         94.3         94.3         95.5         97.0         95.5         93.9         95.5         92.7         80.5         3.0         95.4         99           Viluppuram         (100.0)         (85.0)         (100.0)         (97.1)         (97.1)         (97.1)         (97.1)         (97.1)         (97.1)         (97.3)         44           Virudhunagar         (100.0)         (81.9)         (95.3)         (97.1)         (97.1)         (88.5)         (97.1)         (88.5)         (97.1)         (97.3)         44           Virudhunagar         (100.0)         (81.9)         (95.3)         (97.1)         (89.8)         (81.4)         (100.0)         (91.9)         (92.3)         (97.1)         (89.8)         (81.4)         (100.0)         (91.9)         (92.3)         (97.1)         (89.8)         (81.4)         (100.0)         (91.9)         (91.9)         (92.3)         (91.9)         (91.9)         (91.9)         (92.3)         (91.1)         (89.8)         (81.4)         (100.0)         (91.0)         (91.9)         (31.9)         (32.1)         1,258         (91.9)         (31.9)         (32.1)         1,253         (91.1)         (81.4)	Tiruvannamalai	(97.1)	(94.4)	(97.1)	(97.1)	(97.1)	(97.1)	(97.1)	(97.1)	(97.1)	(97.1)	(97.1)	(97.1)	(97.1)	(97.1)	(94.4)	(2.9)	(97.1)	31
Viluppuram         (100.0)         (85.0)         (100.0)         (97.1)         (97.1)         (97.1)         (87.1)         (97.1)         (97.3)         44           Virudhunagar         (100.0)         (85.0)         (100.0)         (97.1)         (87.1)         (87.5)         (79.4)         (0.0)         (97.3)         34           Virudhunagar         (100.0)         (81.9)         (95.3)         (97.1)         (89.8)         (81.4)         (100.0)         (76.7)         (61.0)         (97.9)         33           Tamil Nadu         97.6         84.9         95.7         95.1         97.5         96.7         94.7         96.9         96.6         95.6         91.5         95.8         89.2         78.5         1.5         95.1         1,258           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 in Tiruppur district, who are not shown separately.           1 He pastifts 10 is the hepatifts of the mother contaction information at birth. There is no penta 0 vaccination sinthe mother. For childr	Vellore	97.0	88.0	92.0	92.0	91.2	94.3	94.3	94.3	95.5	97.0	95.5	93.9	95.5	92.7	80.5	3.0	95.4	66
Virudhunagar(100.0)(81.9)(95.3)(95.3)(97.8)(95.3)(97.1)(89.8)(81.4)(100.0)(76.7)(61.0)(0.0)(94.9)33Tamil Nadu97.684.995.795.192.397.596.794.796.695.691.595.889.278.51.595.11,258Note: 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 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 in Truppur district, who are not shown separately.1.49 assisted 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 in Truppur district, who are not shown separately.2.00.01.40.0 <td>Viluppuram</td> <td>(100.0)</td> <td>(85.0)</td> <td>(100.0)</td> <td>(97.1)</td> <td>(97.1)</td> <td>(100.0)</td> <td>(97.1)</td> <td>(97.1)</td> <td>(07.0)</td> <td>(100.0)</td> <td>(97.1)</td> <td>(88.5)</td> <td>(97.1)</td> <td>(88.5)</td> <td>(79.4)</td> <td>(0.0)</td> <td>(97.3)</td> <td>44</td>	Viluppuram	(100.0)	(85.0)	(100.0)	(97.1)	(97.1)	(100.0)	(97.1)	(97.1)	(07.0)	(100.0)	(97.1)	(88.5)	(97.1)	(88.5)	(79.4)	(0.0)	(97.3)	44
Tamil Nadu       97.6       84.9       95.7       95.5       96.7       94.7       96.9       96.6       95.6       91.5       95.2       78.5       1.5       95.1       1,258         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 in Tiruppur district, who are not shown separately.       1 Hepatitis B0 is the home price of the vaccination of vaccination. Figures in parentheses are based on the control of vaccination of vaccination at includes children in Tiruppur district, who are not shown separately.         2 Policy for the order or content of year of includes children in Tiruppur district, who are not shown separately.       2 Policy for the order of vaccination of vaccination. Figures in parentheses are based on the content of vaccination of vaccination of the order of vaccination of vaccination of the order of vaccination of the vaccination of the vaccination of the vaccination of vaccination o	Virudhunagar	(100.0)	(81.9)	(95.3)	(95.3)	(90.4)	(97.8)	(97.8)	(95.3)	(97.1)	(86.8)	(86.8)	(81.4)	(100.0)	(76.7)	(61.0)	(0.0)	(94.9)	33
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 in Tiruppur district, who are not shown separately. <sup>1</sup> Hepatitis B of the hepatities are included 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 in Tiruppur district, who are not shown separately. <sup>2</sup> Pulsion of the parenthese 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 in Tiruppur district, who are not shown separately. <sup>2</sup> Pulsion of the parenthese are assumed to be the same as for children with a written record of vaccination. Figures in parentheses are assumed to be the same as for children with a written record of vaccination. Figures in parenthese are assumed to be the same as for children with a written record of vaccination is not on the work of the parent of the	Tamil Nadu	97.6	84.9	95.7	95.1	92.3	97.5	96.7	94.7	96.9	96.6	92.6	91.5	95.8	89.2	78.5	1.5	95.1	1,258
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 in Tiruppur district, who are not shown separately. <sup>1</sup> Hepatitis B 0 is the hepatitis vaccination given at birth. There is no Penta Ovaccine. <sup>2</sup> Evic. A for the hepatities 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 in Tiruppur district, who are not shown separately. <sup>2</sup> Evic. A for the hepatities was an evictive of the test of the test of the test of the hepatities are assumed to the part of the hepatities are as the test of the hepatities are partities are assumed to the part of the hepatities are assumed to the part of the test of the part of the hepatities are assumed to the part of the hepatities are assumed to the part of the hepatities are assumed to the part of the hepatites are assumed to the part of the hepatites are assumed to the part of the part	Note: Children are	considere	ed to have	e received	I the vaccin	ne if it was	s either wr	itten on th	ie child's v	/accinatior	ן card or r	eported b	y the mot	her. For chi	ldren whos	e vaccination in	formation is t	based on the I	nother's
are based on 25-49 unweignted cases. Total includes children in Trruppur district, who are not shown separately. <sup>1</sup> Hepatitis B 0 is the hepatitis vaccination given at birth. There is no Penta Ovaccine. <sup>2</sup> Dalia O is the action streation at birth.	report, the date of	<sup>r</sup> vaccinatio	on is not c	collected. I	The propor	tions of va	ccinations	given duri	ng the tirs	t year of II	fe are assu	imed to be	e the same	e as for child	ren with a v	vritten recora oı	vaccination. I	Figures in pare	entheses
	are daseu un 20-4 1 Hanatitic R N is th	9 unweigi ve henatiti	ited cases is varcinat	i. 10tal II.u Fion given	sluaes criiit at hirth T	bere is no	usur uisu Penta O va	ICT, WIU al rrine	פ חסנ אוט	wn separa	iteiy.								
	<sup>2</sup> Polio A ic the poli	in viancinat	ייהה מיעםה	ot hirth	מר אוו הוי		בנוים כיוי												

<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 and polio vaccine (excluding polio vaccine given at birth) <sup>5</sup> Child has not received any vaccinations listed in the table.

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#### 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 health facility or provider, according to background characteristics, Tamil Nadu, 2019-21

	Childı	ren under age	e five		under age fiv nptoms of AR		Children und with fe	-
Background characteristic		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
Age in months								
<6	1.7	3.6	630	*	*	11	(59.2)	22
6-11	2.2	9.2	686	*	*	15	82.9	63
12-23	1.4	8.8	1,258	*	*	17	70.9	110
24-35	0.8	7.5	1,200	*	*	10	76.8	90
36-47	0.3	4.6	1,238	*	*	3	72.2	56
48-59	1.1	4.7	1,271	*	*	13	77.6	60
Sex								
Male	0.9	6.1	3,345	(44.5)	(22.3)	30	73.6	205
Female	1.3	6.7	2,938	(22.4)	(7.3)	39	75.7	198
Residence								
Urban	1.4	5.8	2,801	*	*	39	77.2	161
Rural	0.9	6.9	3,482	(27.0)	(7.4)	31	73.0	242
Mother's schooling		_						
No schooling	0.5	2.7	114	*	*	1	*	3
<5 years complete	0.0	8.0	104	nc	nc	0	*	8
5-7 years complete	1.2	7.2	414	*	*	5	(66.7)	30
8-9 years complete	2.0	7.6	1,010	*	*	20	76.4	77
10-11 years complete	0.7	4.7	1,043	*		8	70.0	49
12 or more years complete	1.0	6.5	3,598	(29.5)	(7.8)	37	77.0	236
Religion								
Hindu	1.1	6.4	5,724	30.3	10.6	64	73.0	366
Muslim	1.1	0.4 4.4	225	*	*	3	*	10
Christian	0.7	8.1	334	*	*	2	*	27
Caste/tribe								
Scheduled caste	1.2	8.1	1,857	*	*	21	76.6	151
Scheduled tribe	1.1	5.6	121	*	*	1	*	7
Other backward class	1.1	5.6	4,184	(30.5)	(14.4)	47	73.4	236
Other	0.0	5.5	108	nc	nc	0	*	6
Total	1.1	6.4	6,283	32.0	13.8	70	74.7	403

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.

nc = No cases

<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

diarrhoea
reatment of
/alence and t
Table 62 Prev

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 other treatments, and percentage who were given other treatments.

			children with diarrhoea for		Percen who	rcentage of child who were given:	Percentage of children who were given:			٩.	Percentage who were given other treatments	e who v	vere giv	∕en oth∈	er treatn	nents			
	Percent		whom advice	A fluid made				ORT				Contin-							Number
	-age of		was sought	from	ш	Either		gruel,				ued					Home		of
Background	cnilaren with	Number of	facility or	an ORS		er St	Increased	or In- creased	_	and	or In- creased	and	biotic	Antı- motility	Anti- Anti- Intra- biotic motility Other venous	venous	remeay/ herbal/	NO treat-	children with
characteristic	diarrhoea children	children	provider <sup>1</sup>	packet	Gruel g	gruel	fluids	fluids)	Zinc	zinc	fluids	ORT <sup>2</sup>	drug	drug	drug <sup>3</sup> s	solution	other	ment o	diarrhoea
Age in months																			
<6	5.7	630	(57.0)		(18.6) (	(36.7)	(1.0)	(36.7)	(27.3)	(27.3) (16.4)	(36.7)	(26.7)	(15.5)	(4.9)	(0.0)	(0.0)	(3.3)	(37.8)	36
6-11	9.0	686	58.3	46.2	27.7	57.0	0.0	57.0	23.4	17.8	46.2	36.1	2.4	3.6	5.2	0.0	3.8	32.0	62
12-23	4.9	1,258	69.1			77.8	0.0	77.8	31.8	28.7	70.1	42.6	14.2	0.0	7.5	0.0	17.2	12.6	61
24-35	2.8	1,200	(49.4)			(59.3)	(0.8)	(59.3)	(24.5)	(24.5) (21.1)	(50.6)	(43.7)	(16.0)	(0.0)	(9.6)	(0.0)	(2.1)	(37.1)	34
36-47	1.6	1,238	*	*		*	*	*	*	*	*	*	*	*	*	*	*	*	20
48-59	1.6	1,271	*	*	*	*	*	*	×	×	*	*	*	*	×	*	*	*	20
Sex																			
Male	3.9	3,345	58.1	49.0		54.7	0.2	54.7	26.0		49.0	35.6	11.8	2.6	6.3	0.0	5.8	30.9	131
Female	3.5	2,938	62.9	59.9	39.2	6.69	0.3	69.9	32.5	25.7	59.9	44.7	8.7	0.6	4.0	0.0	10.9	21.5	102
Residence																			
Urban	3.6	2,801	62.0	51.0		59.9	0.0	59.9	26.9	21.1	51.0	40.2	10.3	0.0	2.8	0.0	4.9	30.8	100
Rural	3.8	3,482	58.9	55.9	32.8	62.5	0.5	62.5	30.4	24.8	55.9	39.2	10.6	3.0	7.1	0.0	10.4	23.6	133
Mother's schooling																			
No schooling	1.4	114	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	2
<5 years complete	3.5	104	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	4
5-7 years complete	3.5	414	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	15
8-9 years complete	3.4	1,010	(59.3)	(57.3)	(19.4) (	(57.3)	(1.0)	(57.3)	(27.1)	(27.1) (21.9)	(57.3)	(38.5)	(12.2)	(5.1)	(3.3)	(0.0)	(4.6)	(26.8)	35
10-11 years complete 12 or more years	3.6	1,043	(54.6)	(50.5)	(32.6) (	(56.8)	(0.0)	(56.8)	(27.0)	(27.0) (24.3)	(50.5)	(29.6)	(14.6)	(0.0)	(3.7)	(0.0)	(4.3)	(30.3)	38
complete	3.9	3,598	60.1	51.9	30.7	61.8	0.2	61.8	26.2	20.3	51.9	40.5	9.5	1.4	6.3	0.0	8.3	28.2	141

Table 62 Prevalence and treatment of diarrhoea—Continued	<del>ום treatme</del>	<u>ent of diarr</u>	<u>-hoea—Continu</u> £	<u>sd</u>															
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 oral rehydration therapy (ORT), percentage who were given other treatments, and percentage who were given other treatments, and percentage who were given other treatments, and percentage who were given not characteristics, Tamil Nadu, 2019-21	i under ag∈ lo received ntage who	e 5 years w l advice or were give	vho had diarrho treatment from in no treatment,	ea in thé i a healtl , by bacl	e 2 wee h facility «ground	ks prec y or hea I charac	ne 2 weeks preceding the survey and among children under age 5 years who had diarrhoea in the 2 weeks preceding the th facility or health provider, percentage who received oral rehydration therapy (ORT), percentage who were given other ckground characteristics, Tamil Nadu, 2019-21	: survey ; der, perc Tamil Na	and am entage adu, 20	ong chi who ré 19-21	ldren un sceived o	der age rral rehy	5 years dration	who hé therap)	ad diarrh / (ORT),	ioea in th percenta	ie 2 weeł ge who v	ks prece vere giv	ding the en other
			Percentage of children with diarrhoea for		Percen who	centage of childr who were given:	Percentage of children who were given:			P.	Percentage who were given other treatments	e who w	ere giv.	en othe	r treatm	ents			
	Percent -age of		whom advice or treatment was sought	A fluid made from		Either		ORT (ORS, gruel,				Contin- ued					Home		Number of
Background characteristic	children with diarrhoea	children Number with of diarrhoea children	children Number from a health with of facility or liarrhoea children provider <sup>1</sup>	an ORS packet	Gruel	ORS or Ir gruel	or in- Increased creased fluids fluids)	or in- creased fluids)	Zinc	ORS and o zinc	or in- creased fluids	feeding Anti- and biotic ORT <sup>2</sup> drug	Anti- biotic r drug	Anti- notility drug	Anti- Anti- Intra- biotic motility Other venous drug drug <sup>3</sup> solution		remedy/ herbal/ other	No ( treat- ment d	No children treat- with ment diarrhoea
Religion				1							1				1				
Hindu Muslim	3.7 4.9	5,724 225	61.1 *	54.5 *	30.8 *	61.8 *	. * 0.3	61.8 *	29.0 *	24.2 *	54.5 *	40.8 *	10.2 *	1.9 *	5.0 *	0.0	8.6 *	26.7 *	210 11
Christian	3.5	334	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	12
<b>Caste/tribe</b> Scheduled caste	4.4	1,857	55.0	51.1	31.1	59.7	0.3	59.7	25.0	19.9	51.1	41.7	2.4	2.0	5.6	0.0	10.1	29.0	81
Scheduled tribe		121	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	4
Other backward class Other	3.5 0.4	4,184 108	62.6 *	54.3 *	29.5 *	61.5 *	0.2 *	61.5 *	30.1 *	24.1 *	54.3 *	37.1 *	15.2 *	1.6 *	5.2 *	0.0	7.1 *	26.0 *	148 0
Source of drinking water <sup>4</sup>																			
lmproved Unimproved	3.7 5.5	6,201 75	59.2 *	53.3 *	28.9 *	60.4 *	0.3 *	60.4 *	27.8 *	22.0 *	53.3 *	40.0 *	9.7 *	1.7 *	4.8 *	0.0	8.0 *	27.4 *	228 4
																		Conti	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, Tamil Nadu, 2019-21	in under age tho received entage who	e 5 years w l advice or were give	vho had diarrho treatment from en no treatment	ea in the ה a health t, by back	e 2 weel n facility ground	ks prec / or hea l charac	e 2 weeks preceding the survey and among c h facility or health provider, percentage who kground characteristics, Tamil Nadu, 2019-21	: survey a der, perc Tamil Na	and amo entage adu, 201	ong chil who re 19-21	ldren un ceived o	der age ral rehy	5 years dration	who ha	ad diarr y (ORT),	oea in t percenta	he 2 we age who	eks prec were gi	eding the ven other
			Percentage of children with diarrhoea for		Percent who	centage of childr who were given:	Percentage of children who were given:			Pe	Percentage who were given other treatments	e who w	/ere giv	en othe	r treatn	ients			
			whom advice	A fluid				ORT											
	Percent		or treatment	made				(ORS,				Contin-							Number
	-age of		was sought	from	ш	Either		gruel,			ORS	ned					Home		of
	children	Number	children Number from a health	an		ORS		or in-		ORS	or in- feeding Anti- Anti-	feeding	Anti-	Anti-		Intra-	Intra- remedy/	No	children
Background	with	of	facility or	ORS		or	or Increased creased	creased		and o	creased	and	biotic r	notility	Other	biotic motility Other venous herbal/ treat-	herbal/	treat-	with
characteristic	diarrhoea	diarrhoea children	provider <sup>1</sup>	packet	Gruel 8	gruel	fluids	fluids)	Zinc	zinc	fluids	ORT <sup>2</sup>	drug	drug	drug <sup>3</sup> s	drug <sup>3</sup> solution	other		ment diarrhoea
Toilet facility⁴																			
Improved	3.2	4,546	61.2	49.5	28.5	56.8	0.2	56.8	32.2	26.5	49.5	34.1	13.6	1.3	6.6	0.0	6.8	30.7	146
Shared <sup>5</sup>	4.4	303	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	13
Unimproved	5.3	91	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	ŋ
No facility/open																			
defecation	5.2	1,343	59.8	61.0	37.4	68.5	0.4	68.5	26.0	21.6	61.0	51.4	5.9	2.9	3.7	0.0	10.6	18.5	69
Total	3.7	6,283	60.2	53.8	30.2	61.4	0.3	61.4	28.9	23.3	53.8	39.6	10.4	1.7	5.3	0.0	8.0	26.7	233
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, children whose caste/tribe is not known, and children in households having an other source of drinking water, who are not shown separately. ORS = Oral rehydration cafts.	neses are base whose caste/ salts	ed on 25-49 /tribe is not	) unweighted case t known, and child	es. An aste dren in ho	erisk indi usehold	icates th s having	at a figure an other s	is based source of	on fewer drinking	r than 25 water, v	5 unweigh vho are n	ited case ot showr	s and ha i separat	s been s ely.	uppresse	d. Total ir	ncludes ch	nildren b	elonging to

<sup>2</sup> Continued feeding includes children who were given more, same as usual, 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, Tamil Nadu, 2019-21

Background characteristic More				AITIUUTL ULTIQUUS BIVET						Arrioun	Amount of tood given	liven				
		Same as Somewhat usual less	omewhat less	Much less	None	Don't know	Total	More	Same as usual	Same as Somewhat usual less	Much less	None	Never gave food	Don't know	Total	Number of children with diarrhoea
Age in months																
U	(O		(19.3)	(10.3)	(0.0)	(0.0)	100.0	(1.0)	(20.6)	(15.6)	(8.5)	(0.0)	(15.4)	(0.0)	100.0	36
	0	45.6	25.1	26.3	3.0	0.0	100.0	0.0	27.2	24.5	27.8	15.4	5.0	0.0	100.0	62
	o,	36.1	18.3	34.9	10.6	0.0	100.0	1.8	30.6	26.7	33.6	5.0	2.5	0.0	100.0	61
24-35 (0.8)	(8)	(25.1)	(41.6)	(23.6)	(8.8)	(0.0)	100.0	(0.8)	(25.0)	(46.5)	(23.6)	(0.0)	(4.0)	(0.0)	100.0	34
Sex																
Male 0.2	2	44.7	28.2	24.0	2.9	0.0	100.0	1.0	36.7	29.1	24.3	3.0	5.7	0.0	100.0	131
Female 0.3	ņ	39.4	24.6	25.0	10.6	0.0	100.0	1.0	31.6	26.7	26.5	9.7	4.4	0.0	100.0	102
Residence																
ſ	O,	41.7	23.6	25.9	8.7	0.0	100.0	0.0	35.0	27.5	25.5	6.7	5.3	0.0	100.0	100
Rural 0.5	ņ	42.8	28.9	23.4	4.4	0.0	100.0	1.8	34.1	28.5	25.1	5.4	5.0	0.0	100.0	133
Mother's schooling																
8-9 years complete (1.0)	0		(27.9)	(20.7)	(14.1)	(0.0)	100.0	(4.1)	(38.1)	(23.0)	(27.0)	(0.0)	(2.8)	(0.0)	100.0	35
10-11 years complete (0.0)	(O	(42.4)	(19.8)	(33.8)	(4.0)	(0.0)	100.0	(0.0)	(34.2)	(24.3)	(31.9)	(1.0)	(8.6)	(0.0)	100.0	38
e years	c			0	0	0		I G		0		0		0		
complete 0.2	ŗ	43.4	27.6	23.0	5.8	0.0	100.0	0.7	31.8	29.8	24.5	9.0	4.1	0.0	100.0	141
Caste/tribe																
Scheduled caste 0.3	ŝ	41.8	31.0	25.3	1.6	0.0	100.0	0.3	31.8	37.7	19.7	7.2	3.3	0.0	100.0	81
Other backward class 0.2	5	41.5	24.6	24.7	0.6	0.0	100.0	1.5	34.6	23.2	29.0	5.4	6.3	0.0	100.0	148
Total 0.3	ŝ	42.3	26.6	24.5	6.3	0.0	100.0	1.0	34.5	28.1	25.3	6.0	5.2	0.0	100.0	233

age 36-47 or 48-59 months, children whose mother has no schooling or less than 5 years of schooling or 5-7 years of schooling, and children belonging to scheduled tribe or children not belonging to scheduled caste, scheduled tribe or other backward class, who are not shown separately.

### 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, Tamil Nadu, 2019-21

	Percentage of women who	
Dockground	know about	Number of
Background characteristic		
	ORS packets	women
Age		
15-19	93.1	144
20-24	96.7	1,263
25-34	97.8	3,309
35-49	95.7	407
Residence		
Urban	96.8	2,336
Rural	97.6	2,787
Schooling		
No schooling	98.5	81
<5 years complete	95.9	83
5-9 years complete	97.7	1,136
10-11 years complete	97.6	852
12 or more years		
complete	97.0	2,970
Religion		
Hindu	97.2	4,672
Muslim	98.5	181
Christian	97.6	269
Caste/tribe		
Scheduled caste	97.5	1,466
Scheduled tribe	94.4	98
Other backward class	97.2	3,457
Other	95.4	90
Total	97.2	5,123

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

ORS = Oral rehydration salts

	Ре	Percentage of children age 0-71 months who received from an AWC	f children a	en age 0-71 m from an AWC	onths	Children age 36-71 months	-71 months	Children age 0-59 months	0-59	Children age 0-59 months who were weighed at an AWC	months who t an AWC
Background characteristic	Any services	Supple- mentary food <sup>1</sup>	Any immuni- zations	Health check- ups	Number of children	Percentage who went for early childhood care/preschool	Number of children	Percentage of children who were weighed at an AWC	Number of children	Percentage whose mothers received counselling from Number an AWC after of children child was weighed	Number of children
Age in months											
<12	77.4	75.0	57.5	68.6	1,316	na	na	65.9	1,316	90.5	867
12-23	83.3	80.4	67.8	76.6	1,258	na	na	78.2	1,258	88.4	984
24-35	85.1	84.0	71.1	78.5	1,200	na	na	79.6	1,200	91.7	955
36-47	79.0	77.8	65.9	74.8	1,238	66.1	1,238	75.6	1,238	88.7	936
48-59	70.2	68.4	57.8	65.1	1,271	60.5	1,271	65.3	1,271	90.7	830
60-71	58.8	56.2	48.1	53.3	1,184	49.3	1,184	na	na	na	na
0-35	81.8	79.7	65.3	74.4	3,774	na	na	74.3	3,774	90.2	2,805
36-71	69.5	67.6	57.4	64.6	3,693	58.8	3,693	na	na	na	na
Male	76.1	74.0	61.6	69.5	3.977	59.0	1.990	73.1	3.345	89.6	2.444
Female	75.3	73.4	61.1	69.6	3,490	58.6	1,702	72.4	2,938	90.4	2,128
Residence											
Urban	67.1	64.5	53.3	60.7	3,356	48.7	1,688	63.8	2,801	89.2	1,788
Rural	82.8	81.2	68.0	76.8	4,111	67.3	2,005	79.9	3,482	90.4	2,784
Mother's schooling											
No schooling	72.6	72.0	60.0	70.2	143	55.3	78	80.9	114	90.7	92
<5 years complete	<i>T.T</i>	75.0	58.6	71.2	127	50.6	52	80.3	104	91.3	84
5-7 years complete	82.2	80.1	66.7	74.1	489	69.4	228	78.6	414	87.1	325
8-9 years complete	79.2	76.6	63.0	72.7	1,175	63.6	594	75.2	1,010	90.06	760
10-11 years complete	78.1	77.4	64.6	73.0	1,242	62.0	592	75.1	1,043	91.2	784
12 or more years complete	73.4	71.1	59.5	67.1	4,291	55.8	2,150	70.2	3,598	89.9	2,527
											Continued

Table 65 Indicators of utilization of ICDS services

Table 65 Indicators of utilization of ICDS services— <i>Continued</i>	zation of IC	DS services		q							
Percentage of children under age 6 years who received background characteristics, Tamil Nadu, 2019-21	der age 6 y	/ears who r Ju, 2019-21	eceived	y service ar	nd received s	pecific services fr	om an <i>angan</i> ı	<i>wadi</i> centre (AWC	() in the 12 n	any service and received specific services from an <i>anganwadi</i> centre (AWC) in the 12 months preceding the survey, by	e survey, by
	Pe	Percentage of children age 0-71 months who received from an AWC	ntage of children age 0-71 m who received from an AWC	ge 0-71 mo	nths	Children age 36-71 months	-71 months	Children age 0-59 months	9 months	Children age 0-59 months who were weighed at an AWC	ionths who an AWC
Background characteristic	Any services	Supple- mentary food <sup>1</sup>	Any immuni- zations	Health check-ups	Number of children	Percentage who went for early childhood care/preschool	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
Religion											
Hindu	76.6	74.6	62.2	70.6	6,795	60.2	3,367	73.5	5,724	90.3	4,209
Muslim	67.4	64.1	52.9	62.3	262	45.6	124	66.7	225	88.8	150
Christian	66.0	65.4	52.5	57.6	410	44.0	201	63.7	334	84.1	213
Caste/tribe											
Scheduled caste	81.6	79.6	65.7	75.3	2,223	67.1	1,107	78.4	1,857	90.2	1,456
Scheduled tribe	77.0	76.8	59.9	70.5	144	57.1	65	73.7	121	85.8	89
Other backward class	73.5	71.4	60.1	67.6	4,964	55.4	2,458	71.0	4,184	89.9	2,972
Other	59.3	56.4	40.0	44.3	119	50.0	53	43.3	108	96.9	47
Total	75.7	73.7	61.4	69.5	7,467	58.8	3,693	72.8	6,283	0.06	4,571
Note: Total includes children belonging to other religions and children whose caste/tribe is not known, who are not shown separately. ICDS = Integrated Child Development Services	belonging to opment Serv	other religio ices	ins and childr	ren whose ca	ste/tribe is not	: known, who are nc	ot shown separa	tely.			

na = Not applicable <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

#### 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, Tamil Nadu, 2019-21

	Mothe	er received f	rom an AWC	during preg	nancy	Mothe	r received f	rom an AWC	while breas	stfeeding <sup>2</sup>
Background characteristic	Any benefits	Supple- mentary food <sup>1</sup>	Health check-ups	Health and nutrition education	of	Any services	Supple- mentary food <sup>1</sup>	Health check-ups	Health and nutrition education	Number of children breastfed
Residence										
Urban	75.7	74.3	71.8	71.9	3 <i>,</i> 356	72.7	71.7	68.4	68.8	3,356
Rural	92.0	91.6	88.5	88.5	4,111	89.0	88.9	85.2	85.4	4,111
Mother's schooling										
No schooling	85.3	82.4	82.0	83.3	143	78.6	78.6	76.4	78.0	143
<5 years complete	94.2	93.0	90.8	90.0	127	95.1	94.0	88.1	86.8	127
5-7 years complete	87.2	86.1	84.5	84.7	489	84.8	84.4	81.4	81.3	489
8-9 years complete	86.2	85.4	82.6	82.5	1,175	85.0	84.4	80.7	80.5	1,175
10-11 years complete	88.5	88.0	85.2	86.1	1,242	85.3	84.8	81.6	82.4	1,242
12 or more years										
complete	82.6	81.7	78.6	78.4	4,291	79.1	78.6	75.0	75.4	4,291
Religion										
Hindu	85.5	84.7	81.9	82.0	6,795	82.6	82.1	78.6	79.0	6,795
Muslim	73.2	71.7	67.7	69.2	262	67.4	67.4	65.6	64.7	262
Christian	78.5	76.9	73.6	73.2	410	75.2	74.7	69.0	69.8	410
Caste/tribe										
Scheduled caste	91.0	90.7	87.7	88.4	2,223	89.0	88.6	84.2	85.4	2,223
Scheduled tribe	95.8	93.6	91.8	93.4	144	90.0	90.0	85.3	83.4	144
Other backward class	82.0	80.9	78.2	77.8	4,964	78.6	78.0	75.0	75.0	4,964
Other	73.3	71.5	63.0	65.8	119	68.5	68.5	60.6	59.5	119
Total	84.7	83.8	81.0	81.0	7,467	81.7	81.2	77.6	78.0	7,467

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

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

children	
of	
status	
Nutritional	
Table 67	

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, Tamil Nadu, 2019-21, and total for NFHS-4

		Height-for-age $^1$	age <sup>1</sup>			Weig	Weight-for-height				N	Weight-for-age		
	Percentage below	Pe	Mean Z-score	Number of	Percentage below	Percentage Percentage below above	Percentage above	Mean Z-score	Number of	Percentage below		Percentage Percentage below above	Mean Z-score	Number of
Background characteristic	-3 SD	-2 SD <sup>2</sup>	(SD)	children	-3 SD	-2 SD <sup>2</sup>	+2 SD	(SD)	children	-3 SD	-2 SD <sup>2</sup>	+2 SD	(SD)	children
Age in months														
<6	11.4	25.9	-0.6	536	14.4	28.1	6.3	-0.9	511	11.2	29.4	0.9	-1.3	577
6-8	12.1	20.4	-0.5	281	6.4	20.1	8.5	-0.5	279	7.3	18.0	0.3	-1.0	294
9-11	11.7	23.2	-0.8	357	7.4	16.7	5.3	-0.7	348	8.0	20.7	0.8	-1.1	365
12-17	11.3	30.6	-1.1	590	3.8	11.4	4.7	-0.4	587	5.1	18.6	1.4	-0.9	617
18-23	10.9	30.7	-1.2	580	4.9	9.3	5.2	-0.5	577	4.0	17.8	2.9	-1.0	594
24-35	8.3	25.1	-1.1	1,108	5.2	13.7	2.8	-0.7	1,088	5.0	22.5	1.4	-1.1	1,122
36-47	8.2	24.4	-1.2	1,155	4.1	12.5	4.5	-0.6	1,137	6.4	22.6	1.1	-1.2	1,163
48-59	6.7	21.2	-1.1	1,172	3.4	13.9	2.5	-0.7	1,136	5.6	22.4	1.3	-1.2	1,170
Sav														
Male	6.6	26.1	-1.1	3,066	6.0	15.3	4.2	-0.7	2.997	7.0	23.3	1.4	-1.2	3.147
Female	84	030	-1-0	217.0	4.9	13.8	4.3	-0.6	2,666		20.4	1.3	-10	2,755
Birth interval in months <sup>3</sup>														
First birth <sup>4</sup>	8.3	23.0	-1.0	2,843	5.8	13.6	4.6	-0.6	2,800	5.4	19.7	1.6	-1.0	2,904
<24	10.4	31.5	-1.2	664	5.3	14.8	3.0	-0.8	646	7.2	26.7	0.7	-1.3	679
24-35	10.2	27.6	-1.1	728	5.0	15.7	2.7	-0.8	706	8.5	25.6	1.1	-1.3	740
36 or more	9.9	25.1	-1.1	1,526	5.0	16.0	5.0	-0.6	1,494	6.3	22.6	1.2	-1.2	1,561
Birth order <sup>3</sup>														
1	8.3	23.0	-1.0	2,805	5.9	13.5	4.6	-0.6	2,762	5.3	19.6	1.6	-1.0	2,866
2-3	10.0	26.7	-1.1	2,876	5.1	15.7	4.1	-0.7	2,806	7.1	24.1	1.1	-1.2	2,935
4-5	10.2	38.2	-1.2	77	3.1	14.9	0.3	6.0-	75	5.6	31.2	0.4	-1.4	80
Residence														
Urban	8.4	22.2	-0.9	2,511	5.2	13.9	5.1	-0.6	2,453	6.0	20.0	2.1	-1.0	2,576
Rural	9.8	27.2	-1.1	3,268	5.6	15.2	3.7	-0.7	3,210	6.4	23.5	0.8	-1.2	3,326
Size at birth <sup>3</sup>														
Very small	20.8	39.9	-1.8	84	12.4	30.2	2.2	-1.3	86	17.8	49.2	0.0	-2.0	86
Small	13.8	31.8	-1.5	441	6.0	20.9	1.6	-1.0	424	9.9	32.5	0.6	-1.6	442
Average or larger	8.6	24.3	-1.0	5,236	5.3	13.8	4.5	-0.6	5,135	5.7	20.7	1.4	-1.1	5,356
													0	Continued

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Table 67	

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. Tamil Nadu. 2019-21. and total for NFHS-4

		Height-for-age <sup>1</sup>	r-age <sup>1</sup>			Weig	Weight-for-height				M	Weight-for-age		
	Percentage below	Percentage below	Mean Z-score	Number of	Percentage below	Percentage below	Percentage above	Mean Z-score	Number of	Percentage below	Percentage below	Percentage above	Mean Z-score	Number of
Background characteristic	-3 SD	-2 SD <sup>2</sup>	(SD)	children	-3 SD	-2 SD <sup>2</sup>	+2 SD	(SD)	children	-3 SD	-2 SD <sup>2</sup>	+2 SD	(SD)	children
Mother's schooling <sup>5</sup>														
No schooling	12.6	36.0	-1.4	106	6.2	16.9	3.6	-0.8	105	10.7	26.2	0.0	-1.4	108
<5 years complete	11.6	33.1	-1.3	91	6.4	16.2	0.8	-1.0	88	7.7	29.1	0.0	-1.5	91
5-7 years complete	10.2	27.3	-1.2	391	5.8	15.0	4.0	-0.7	383	6.0	24.6	1.3	-1.3	399
8-9 years complete	9.8	27.4	-1.2	933	4.3	14.1	3.8	-0.7	916	5.9	25.1	2.1	-1.2	944
10-11 years complete	7.1	25.3	-1.1	984	6.8	16.8	3.5	-0.8	961	7.3	24.6	0.9	-1.2	1,008
12 or more years														
complete	9.3	23.4	-0.9	3,274	5.3	13.9	4.8	-0.6	3,211	5.8	19.7	1.3	-1.0	3,353
Religion														
Hindu	9.4	25.5	-1.1	5,280	5.4	14.6	4.4	-0.6	5,179	6.3	22.2	1.4	-1.1	5,396
Muslim	7.6	21.2	-0.7	192	5.6	12.9	4.7	-0.6	183	8.1	18.9	1.5	-1.0	200
Christian	6.7	19.5	-0.7	299	5.5	16.2	2.2	-0.8	293	3.4	19.9	0.8	-1.0	299
Caste/tribe														
Scheduled caste	11.0	28.4	-1.2	1,733	6.5	15.8	3.6	-0.8	1,697	8.0	25.8	1.0	-1.3	1,773
Scheduled tribe	9.4	31.2	-1.1	105	8.1	20.6	0.6	-0.9	66	12.4	31.1	0.3	-1.6	110
Other backward class	8.1	23.3	-1.0	3,828	4.9	13.9	4.5	-0.6	3,757	5.3	20.1	1.4	-1.1	3,905
Other	18.2	27.2	-1.3	94	3.4	13.8	14.0	-0.1	92	3.2	15.7	8.2	-0.8	95
Mother's nutritional status <sup>6</sup>														
Underweight (BMI <18.5)	9.5	29.8	-1.2	654	5.4	20.9	3.5	-1.0	647	9.7	31.3	0.7	-1.5	670
Normal (BMI 18.5-24.9)		26.0	-1.0	2,792	6.9	16.0	4.2	-0.7	2,718	7.5	23.9	1.4	-1.2	2,845
Overweight (BMI ≥25.0)	8.2	22.6	-1.0	2,312	3.8	11.1	4.5	-0.5	2,279	3.7	16.9	1.4	-0.9	2,364
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Percentage of children under age 5 years classified as malnourished according to three anthropometric indices of nutritional status: height-for-height, and weight-for-age, by background characteristics, Tamil Nadu, 2019-21, and total for NFHS-4

		Height-for-age <sup>1</sup>	r-age <sup>1</sup>			Wei	Weight-for-height				W(	Weight-for-age		
	Percentage	Percentage Percentage	Mean		Percentage	Percentage	Percentage Percentage Percentage	Mean		Percentage	Percentage	Percentage Percentage Percentage	Mean	Number
	below	below	Z-score	Z-score Number of below	below	below	above	Z-score	Number of below	below	below	above	Z-score	of
Background characteristic	-3 SD	-2 SD <sup>2</sup>	(SD)	children	-3 SD	-2 SD <sup>2</sup>	+2 SD	(SD)	children	-3 SD	-2 SD <sup>2</sup>	+2 SD	(SD)	children
Child's living														
arrangements														
Living with both parents	8.9	24.0	-1.0	4,595	4.8	14.0	4.2	-0.6	4,494	6.0	21.6	1.4	-1.1	4,682
Living with one or neither														
parent	10.4	29.2	-1.0	1,179	7.9	17.0	4.8	-0.7	1,164	7.2	23.3	1.1	-1.2	1,215
Total	9.2	25.0	-1.0	5,779	5.5	14.6	4.3	-0.7	5,663	6.2	22.0	1.3	-1.1	5,903
NFHS-4 (2015-16)	10.8	27.1	-1.0	6,994	7.9	19.7	5.0	-0.8	6,994	6.5	23.8	1.5	-1.1	6,994
Mote: Table is based on children who staved 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	an who stave	d in the house	hold the nic	sht hafora the	interview Fa	uch of the indi	rac is evurace	ad in stands	/ notation /	SD) unite from	m the median	OH/N of the MHO	t+worn plid	Standarde

Table is based on children with valid dates of birth (month and year) and valid measurement of both height and weight. Figures in parentheses are based on 25-49 unweighted cases. Total includes children of birth order 6 or more, children whose size at birth is not known, children belonging to other religions, children whose caste/tribe is not known or who have no caste/tribe or whose caste/tribe is missing, and children 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.

whose mother's nutritional status is missing, who are not shown separately.

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>4</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>1</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 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 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, Tamil Nadu, 2019-21

	Among las	t-born children b	orn in the past 2 y	ears:		children born in the were ever breastfed:
		Percentage who	Percentage who			
		started breast-	started breast-	Number of	Percentage	Number of
Background	Percentage	feeding within	feeding within 1	last-born	who received a	last-born ever
characteristic	ever breastfed	1 hour of birth	day of birth <sup>1</sup>	children	prelacteal feed <sup>2</sup>	breastfed children
Residence						
Urban	96.3	61.4	91.3	1,128	8.2	1,086
Rural	95.6	61.3	91.5	1,411	7.6	1,349
Sex						
Male	96.2	62.1	91.6	1,308	7.0	1,258
Female	95.6	60.5	91.2	1,231	8.8	1,176
Mother's schooling						
No schooling	97.0	66.5	97.0	48	(2.6)	47
<5 years complete	97.2	59.0	87.0	53	11.4	51
5-7 years complete	95.9	63.4	92.7	174	6.5	166
8-9 years complete	97.2	65.6	91.1	399	6.4	387
10-11 years complete	96.7	62.2	93.1	441	8.6	427
12 or more years						
complete	95.2	59.5	90.8	1,425	8.3	1,356
Religion						
Hindu	95.9	61.5	91.4	2,316	8.0	2,221
Muslim	97.2	62.9	96.7	91	2.5	, 89
Christian	94.3	56.6	87.1	131	9.9	123
Caste/tribe						
Scheduled caste	96.8	64.1	92.9	744	6.6	720
Scheduled tribe	98.8	76.6	98.8	59	(7.9)	59
Other backward class	95.6	59.6	90.8	1,675	8.2	1,602
Other	(88.6)	(57.9)	(81.1)	54	(11.8)	48
			. ,			
Total	95.9	61.3	91.4	2,539	7.9	2,434

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 and children whose caste/tribe is not known, who are not shown separately.

TBA = Traditional birth attendant

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

 $^{\rm 2}$  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

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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, Tamil Nadu, 2019-21

				Breastfeeding	Breastfeeding and consuming:	ŝò		Dercentage	Number of youngest children under	Dercentage	Number of all
Age in	Not	Exclusively	Plain water	Non-milk		Complementary		currently	age 2 years living using a bottle		children under
months	breastfeeding	breastfed	only	liquids <sup>1</sup>	Other milk	foods	Total	breastfeeding	with the mother	with a nipple	age 2 years
Ĉ	1 1	74.8	C S	σU	7 8	10.3	100.0	08 Q	206	17 8	206
2-3	2.6	57.1	17.0	0.3	10.8	12.2	100.0	97.4	222	0.6	224
4-5	5.7	33.4	21.8	0.8	12.1	26.1	100.0	94.3	195	24.2	200
6-8	6.2	6.4	14.3	0.5	6.1	66.5	100.0	93.8	311	27.4	314
9-11	15.6	1.6	6.7	0.1	3.2	72.8	100.0	84.4	370	38.5	373
12-17	32.0	0.4	3.6	0.8	1.8	61.4	100.0	68.0	621	42.1	637
18-23	53.4	0.6	1.3	0.0	0.5	44.3	100.0	46.6	581	41.3	621
0-3	1.9	65.6	11.3	0.6	9.3	11.3	100.0	98.1	428	10.8	430
0-5	3.1	55.5	14.6	0.7	10.2	15.9	100.0	96.9	623	15.1	630
6-9	9.1	4.8	13.5	0.3	5.3	60.99	100.0	90.9	437	27.6	442
12-15	24.6	0.0	4.7	0.6	2.4	67.6	100.0	75.4	393	42.2	403
12-23	42.3	0.5	2.5	0.4	1.2	53.1	100.0	57.7	1,202	41.7	1,258
20-23	55.2	0.0	1.1	0.0	0.4	43.3	100.0	44.8	386	41.5	415
Note: Bre	Note: Breastfeeding status refers to a "24-hour" period (yesterday	efers to a "24-hu	our" period (yeste		day or at night).	during the day or at night). Children who are classified as breastfeeding and consuming plain water only consumed no liquid or solid	sified as bro	eastfeeding and cc	unsuming plain wate	r only consumed	no liquid or solid

supplements. The categories of not breastfeeding, exclusively 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, Tamil Nadu, 2019-21

	Median duration last-born chile	(months) of breas dren born in the p	0 0	
Background characteristic	Any breastfeeding	Exclusive breastfeeding	Predominant breastfeeding <sup>2</sup>	Number of children
Sex				
Male	20.8	3.4	5.3	1,838
Female	18.7	3.5	5.1	1,663
Residence				
Urban	18.7	2.5	5.2	1,571
Rural	20.2	3.9	5.2	1,930
Mother's schooling				
5-7 years complete	(20.5)	(4.0)	(5.6)	241
8-9 years complete	21.1	4.2	6.4	533
10-11 years complete	22.7	(2.3)	4.3	604
12 or more years complete	18.2	3.3	5.0	1,989
Religion				
Hindu	19.6	3.6	5.3	3,187
Muslim	*	а	а	122
Other <sup>3</sup>	а	*	*	1
Caste/tribe				
Scheduled caste	22.3	3.4	5.1	1,004
Other backward class	17.7	3.4	5.2	2,351
Total	19.7	3.4	5.2	3,501

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 of mothers with no schooling or with less than 5 years of schooling, Christian children, and scheduled tribe children or children not belonging to scheduled caste, scheduled tribe or other backward class or 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 <sup>3</sup> Not Hindu, Muslim, or Christian

Table 71 Minimum acceptable diet

nonths 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	ckground characteristics, Tamil Nadu, 2019-21
ths living with their mother w	ristics, Tamil N

			Among	Among breastfed children 6-23 months, percentage fed:	ldren 6-23 mı ıge fed:		Amo	ong non-brea pe	eastfed children percentage fed:	Among non-breastfed children 6-23 months, percentage fed:			Among a	Among all children 6-23 months, percentage fed:	3 months, d:	
oth the second	oth         362         405         88         604         724         172         669         155         77         969         172         435         93           476         577         84         312         738         92         668         155         77         958         170         337         93           615         382         174         422         805         305         952         210         337         93           615         382         173         671         323         668         233         305         913         337         93           615         382         113         621         726         305         305         233         305         913         337         139           615         382         113         621         726         323         666         233         305         913         373         139           615         385         111         671         726         323         669         231         203         913         733         139           61         310         814         170         231         231         231	Background characteristic	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
$ \begin{array}{cccccccccccccccccccccccccccccccccccc$	362 $405$ $88$ $604$ $724$ $172$ $663$ $155$ $17$ $969$ $172$ $435$ $93$ $476$ $277$ $84$ $312$ $728$ $192$ $664$ $166$ $55$ $572$ $531$ $932$ $210$ $337$ $97$ $476$ $277$ $84$ $312$ $728$ $323$ $566$ $556$ $536$ $210$ $337$ $932$ $5933$ $5933$ $5933$	Age in months														
	$ \begin{array}{cccccccccccccccccccccccccccccccccccc$	6-11	36.2	40.5	8.8	604	72.4	17.2	60.9	15.5	77	96.9	17.2	43.5	9.5	681
	$ \begin{array}{cccccccccccccccccccccccccccccccccccc$	6-8	24.1	54.2	9.2	292	*	*	*	*	19	98.2	12.6	55.1	9.3	311
		9-11	47.6	27.7	8.4	312	72.8	19.2	66.4	16.9	58	95.8	21.0	33.7	9.7	370
		12-17	61.5	38.2	17.4	422	80.5	30.5	75.2	25.4	199	93.8	34.9	50.0	19.9	621
60502415142676720274696233305913292502170 $492$ 37211362172.6322697230281915293473149 $492$ 38511273668.929.566.023129591127446.4146 $45.9$ 38.511273668.929.566.023129591127446.4146 $45.9$ 38.511273668.929.566.023129591127446.414.6 $45.9$ 38.511273668.929.566.023129591127446.414.6 $5000$ $45.5$ 11273668.929.566.023129591127446.414.6 $5000$ $45.5$ 11230 $41.4$ (701)36.4 $112$ 89.341.017.1 $5000$ $43.5$ $15.7$ 20769.430.672.62098091.728.547.714.3 $5000$ $43.5$ $15.7$ 20769.430.672.62098091.728.547.714.3 $5000$ $43.5$ $15.7$ 20769.421.8 $70.6$ 70.891.728.547.714.3 $5000$ $43.5$ $15.7$ 20769.421.8 $70.6$ 2098091.7 <td>650241.514.267672.027.469623330591.329250217.9649.237.211.362172.632.269.723.028191.529347.314.9655556.023.123229973.423229991.127.451.817.8645.938.511.273668.929.973.423.229991.127.446.414.66633.511.273668.929.973.423.229131.451.817.8645.013.12020.566.023.129591.127.446.414.66671.0(53.2)11.27368.920.366.023.129591.127.446.4671.0(53.2)11.27320.973.620.920.367.820.920.423.120.923.421.3671.0(53.2)10.1(41.4)(70.1)(36.4)21.420.623.421.421.623.4631.430.665.521.1870.672.620.991.729.041.3107.1631.631.631.631.631.732.991.129.991.129.941.3631.631.632.651.7</td> <td>18-23</td> <td>61.3</td> <td>39.0</td> <td>14.6</td> <td>271</td> <td>67.1</td> <td>32.3</td> <td>66.8</td> <td>23.6</td> <td>310</td> <td>82.4</td> <td>37.3</td> <td>53.8</td> <td>19.4</td> <td>581</td>	650241.514.267672.027.469623330591.329250217.9649.237.211.362172.632.269.723.028191.529347.314.9655556.023.123229973.423229991.127.451.817.8645.938.511.273668.929.973.423.229991.127.446.414.66633.511.273668.929.973.423.229131.451.817.8645.013.12020.566.023.129591.127.446.414.66671.0(53.2)11.27368.920.366.023.129591.127.446.4671.0(53.2)11.27320.973.620.920.367.820.920.423.120.923.421.3671.0(53.2)10.1(41.4)(70.1)(36.4)21.420.623.421.421.623.4631.430.665.521.1870.672.620.991.729.041.3107.1631.631.631.631.631.732.991.129.991.129.941.3631.631.632.651.7	18-23	61.3	39.0	14.6	271	67.1	32.3	66.8	23.6	310	82.4	37.3	53.8	19.4	581
		Sex														
	49.2         37.2         11.3         6.1         7.2         3.2.2         69.7         2.3.0         281         91.5         29.3         47.3         149           e         45.9         38.5         11.2         736         68.9         29.9         73.4         23.2         291         91.8         31.4         51.8         17.8           e         45.9         38.5         11.2         736         68.9         29.9         73.4         23.2         291         91.8         31.4         51.8         17.6           schooling         *         *         21         *         *         11         055.3         91.1         27.4         64.4         13.6           schooling         *         21         *         *         11         05.3         01.1         07.1         01.7           schooling         *         21         0.1         14.4         (70.1)         05.3         0.1	Male	50.2	41.5	14.2	676	72.0	27.4	69.6	23.3	305	91.3	29.2	50.2	17.0	981
e         54.6         40.6         14.9         561         75.8         29.9         73.4         23.2         291         91.8         31.4         51.8         17.8           45.9         38.5         11.2         736         68.9         29.5         66.0         23.1         295         91.1         27.4         46.4         14.6           schooling         *         *         *         *         *         *         11         (95.3)         (41.3)         (15.7)           schooling         *         *         *         *         *         *         11         (95.3)         (41.3)         (15.7)           schooling         *         *         *         *         *         *         11         (95.3)         (41.3)         (15.7)         (22.9)           schooling         *         *         *         *         *         *         *         11         (95.3)         (41.1)         (57.7)         (22.9)           scomplete         71.0         (53.2)         81.4         30.6         57.6         20.9         81.4         28.5         47.7         14.3           scomplete         47.0         41.4<	e         54.6         40.6         14.9         56.1         75.8         29.9         73.4         23.2         29.1         91.8         31.4         51.8         17.8           45.9         38.5         11.2         73.6         68.9         29.5         66.0         23.1         295         91.1         27.4         46.4         14.6           schooling         *         *         *         *         *         *         11         05.31         (11.3)         (57.7)         (27.9)           schooling         *         *         *         *         *         *         11         (95.3)         (41.3)         (57.7)         (27.9)           schooling         *         *         *         *         *         *         11         (95.3)         (41.3)         (97.7)         (27.9)           schooling         *         *         *         *         *         *         *         11         (95.3)         (41.3)         (77.7)         (27.9)           scomplete         50.4         20.4         30.6         72.6         20.9         80         91.7         28.5         47.7         14.3           scomplet	Female	49.2	37.2	11.3	621	72.6	32.2	69.7	23.0	281	91.5	29.3	47.3	14.9	902
546         406         14.9         561         75.8         299         734         232         291         91.8         31.4         51.8         178           45.9         38.5         11.2         736         68.9         29.5         66.0         23.1         295         91.1         27.4         46.4         14.6           schooling         *         *         *         *         *         *         11         95.3         91.1         27.4         46.4         14.6           schooling         *         *         *         *         *         *         11         95.3         91.1         57.7         22.9         15.7           oling         *         *         *         *         *         *         11         95.3         41.1         15.7           scomplete         50.1         41.4         13.2         25.3         65.5         21.8         70.1         36.4         23.1         33.0         41.0         15.7           scomplete         53.0         41.4         13.2         25.3         65.5         21.8         70.1         36.6         29.3         37.0         37.0         37.0 <th< td=""><td>54.6         40.6         14.9         561         75.8         29.9         73.4         23.2         291         91.8         31.4         51.8         17.8           schooling         *         *         *         *         *         *         *         46.4         51.8         11.2           schooling         *         *         *         *         *         *         *         46.4         51.8         14.6           schooling         *         *         *         *         *         *         11         (95.3)         (41.3)         (55.7)         (22.9)           schooling         *         *         *         *         *         *         *         *         *         46.4         14.6           schooling         *         *         *         *         *         *         *         *         *         *         14.1         (57.7)         (22.9)           scomplete         50.4         41.4         (70.1)         (36.4)         21.7         80         91.7         87.3         41.0         17.1           scomplete         50.4         41.4         (70.1)         (36.4)         <td< td=""><td>Decidence</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></td<></td></th<>	54.6         40.6         14.9         561         75.8         29.9         73.4         23.2         291         91.8         31.4         51.8         17.8           schooling         *         *         *         *         *         *         *         46.4         51.8         11.2           schooling         *         *         *         *         *         *         *         46.4         51.8         14.6           schooling         *         *         *         *         *         *         11         (95.3)         (41.3)         (55.7)         (22.9)           schooling         *         *         *         *         *         *         *         *         *         46.4         14.6           schooling         *         *         *         *         *         *         *         *         *         *         14.1         (57.7)         (22.9)           scomplete         50.4         41.4         (70.1)         (36.4)         21.7         80         91.7         87.3         41.0         17.1           scomplete         50.4         41.4         (70.1)         (36.4) <td< td=""><td>Decidence</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></td<>	Decidence														
	459       38.5       11.2       736       68.9       29.5       66.0       23.1       295       91.1       27.4       46.4       14.6         schooling       *       *       *       *       *       *       *       13       (83.8)       (23.4)       (41.3)       (15.7)         schooling       (71.0)       (53.2)       (19.1)       30       *       *       *       13       (83.8)       (23.4)       (41.3)       (15.7)         schooling       (71.0)       (53.2)       (19.1)       80       11       (95.3)       (41.1)       (57.2)       (12.9)         schooling       50.4       26.4       50.4       30.6       72.6       20.9       80       91.4       23.2       17.1         schooling       47.0       41.4       13.2       25.7       21.8       40.7       70.1       86.9       91.7       28.5       51.6       17.1         ass complete       53.0       41.2       73.8       30.2       69.4       23.1       35.9       91.0       23.6       17.1         ass complete       53.0       11.7       20.9       20.9       91.1       29.7       28.5       47.7	Urban	54.6	40.6	14.9	561	75.8	29.9	73.4	23.2	291	91.8	31.4	51.8	17.8	852
	schoolingschooling $*$	Rural	45.9	38.5	11.2	736	68.9	29.5	66.0	23.1	295	91.1	27.4	46.4	14.6	1,031
$ \begin{array}{cccccccccccccccccccccccccccccccccccc$	$ \begin{array}{cccccccccccccccccccccccccccccccccccc$	Mother's schooling														
$ \begin{array}{llllllllllllllllllllllllllllllllllll$		No schooling	×	*	*	21	*	*	*	*	13	(83.8)	(23.4)	(41.3)	(15.7)	34
$ \begin{array}{rcccccccccccccccccccccccccccccccccccc$	$ \begin{tabular}{ c c c c c c c c c c c c c c c c c c c$	<5 years complete	(71.0)	(53.2)	(19.1)	30	*	*	*	*	11	(95.3)	(41.1)	(57.7)	(22.9)	41
$ \begin{array}{cccccccccccccccccccccccccccccccccccc$	s complete         53.0         43.5         15.7         207         69.4         30.6         72.6         20.9         80         91.4         28.2         51.6         17.1           ears complete         47.0         41.4         13.2         253         65.5         21.8         67.8         17.7         80         91.7         28.5         47.7         14.3           ore vears         49.2         39.0         12.4         703         73.8         30.2         69.4         23.1         359         91.1         29.0         49.3         16.0           ste         48.6         38.6         12.2         1,184         71.1         29.9         68.8         23.2         538         91.0         28.5         48.0         15.6           52.7         41.7         27.3         45         *         *         *         *         25.9         96.9         36.2         56.1         23.3           n         65.7         52.7         13.2         67         *         *         *         25         96.9         36.2         56.1         23.3           n         65.7         51.1         13.2         67         *	5-7 years complete	50.4	26.4	5.1	84	(80.1)	(41.4)	(70.1)	(36.4)	42	93.3	33.0	41.0	15.6	126
ears complete       47.0       41.4       13.2       253       65.5       21.8       67.8       17.7       80       91.7       28.5       47.7       14.3         ore vears       ore vears            47.7       14.3         ore vears              14.3         ore vears	ears complete       47.0       41.4       13.2       253       65.5       21.8       67.8       17.7       80       91.7       28.5       47.7       14.3         ore vears       49.2       39.0       12.4       703       73.8       30.2       69.4       23.1       359       91.1       29.0       49.3       16.0         ete       48.6       38.6       12.2       1,184       71.1       29.9       68.8       23.2       538       91.0       28.5       48.0       15.6         52.7       41.7       27.3       45       *       *       *       *       23       95.9       96.9       56.1       23.3         n       65.7       52.7       13.2       67       *       *       *       *       23       95.3       37.0       58.3       17.4         n       65.7       52.7       13.2       67       *       *       *       *       23       95.3       37.0       58.3       17.4	8-9 years complete	53.0	43.5	15.7	207	69.4	30.6	72.6	20.9	80	91.4	28.2	51.6	17.1	287
ore years te 49.2 39.0 12.4 703 73.8 30.2 69.4 23.1 359 91.1 29.0 49.3 16.0 48.6 38.6 12.2 1,184 71.1 29.9 68.8 23.2 538 91.0 28.5 48.0 15.6 52.7 41.7 27.3 45 * * * * * 25 96.9 36.2 56.1 23.3 n 65.7 52.7 13.2 67 * * * * * 23 95.3 37.0 58.3 17.4	ore years te 49.2 39.0 12.4 703 73.8 30.2 69.4 23.1 359 91.1 29.0 49.3 16.0 48.6 38.6 12.2 1,184 71.1 29.9 68.8 23.2 538 91.0 28.5 48.0 15.6 52.7 41.7 27.3 45 * * * * 25 96.9 36.2 56.1 23.3 n 65.7 13.2 67 * * * * 2 3 95.3 37.0 58.3 17.4	10-11 years complete		41.4	13.2	253	65.5	21.8	67.8	17.7	80	91.7	28.5	47.7	14.3	334
re 49.2 39.0 12.4 /03 /3.8 30.2 09.4 23.1 359 91.1 29.0 49.3 16.0 48.6 38.6 12.2 1,184 71.1 29.9 68.8 23.2 538 91.0 28.5 48.0 15.6 52.7 41.7 27.3 45 * * * * 25 96.9 36.2 56.1 23.3 n 65.7 52.7 13.2 67 * * * * 23 95.3 37.0 58.3 17.4	The form that t	12 or more years	0				0 7						0.00	0		
48.6       38.6       12.2       1,184       71.1       29.9       68.8       23.2       538       91.0       28.5       48.0       15.6         52.7       41.7       27.3       45       *       *       *       *       25       96.9       36.2       56.1       23.3         n       65.7       52.7       13.2       67       *       *       *       23       95.3       37.0       58.3       17.4	48.6       38.6       12.2       1,184       71.1       29.9       68.8       23.2       538       91.0       28.5       48.0       15.6         52.7       41.7       27.3       45       *       *       *       *       25       96.9       36.2       56.1       23.3         n       65.7       52.7       13.2       67       *       *       *       23       37.0       58.3       17.4	comprete	49.2	0.95 0	12.4	207	/3.0	30.2	17.70	1.62	ъ СС С	7.L	0.62	49.3	10.01	τοηίτ
48.6 38.6 12.2 1,184 71.1 29.9 68.8 23.2 538 91.0 28.5 48.0 15.6 1 52.7 41.7 27.3 45 * * * * 25 96.9 36.2 56.1 23.3 an 65.7 52.7 13.2 67 * * * * * 23 95.3 37.0 58.3 17.4	48.6       38.6       12.2       1,184       71.1       29.9       68.8       23.2       538       91.0       28.5       48.0       15.6         1       52.7       41.7       27.3       45       *       *       *       25       96.9       36.2       56.1       23.3         an       65.7       52.7       13.2       67       *       *       *       23       95.3       37.0       58.3       17.4         an       65.7       52.7       13.2       67       *       *       *       23       95.3       37.0       58.3       17.4	Religion														
52.7 41.7 27.3 45 * * * * 25 96.9 36.2 56.1 23.3 65.7 52.7 13.2 67 * * * * * 23 95.3 37.0 58.3 17.4	52.7 41.7 27.3 45 * * * * 25 96.9 36.2 56.1 23.3 65.7 52.7 13.2 67 * * * * * 23 95.3 37.0 58.3 17.4	Hindu	48.6	38.6	12.2	1,184	71.1	29.9	68.8	23.2	538	91.0	28.5	48.0	15.6	1,722
65.7 52.7 13.2 67 * * * * * 23 95.3 37.0 58.3 17.4	65.7 52.7 13.2 67 * * * * <sup>*</sup> 23 95.3 37.0 58.3 17.4	Muslim	52.7	41.7	27.3	45	*	*	*	*	25	96.9	36.2	56.1	23.3	70
	Continued	Christian	65.7	52.7	13.2	67	*	*	*	*	23	95.3	37.0	58.3	17.4	06

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Table

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, Tamil Nadu, 2019-21

	Among	Among breastfed children 6-23 months, percentage fed:	ldren 6-23 mı ge fed:	onths,	Am	ong non-bre¿ pe	eastfed children percentage fed:	Among non-breastfed children 6-23 months, percentage fed:			Among a F	Among all children 6-23 months, percentage fed:	3 months, 1:	
Background characteristic	Minimum dietary diversity <sup>1</sup>	Minimum Minimum Minimum dietary meal acceptable diversity <sup>1</sup> frequency <sup>2</sup> diet <sup>3</sup>	Minimum Number of acceptable breastfed diet <sup>3</sup> children		Minimum milk feeding frequency <sup>4</sup>	Minimum dietary diversity <sup>1</sup>	Minimum Minimum dietary meal diversity <sup>1</sup> frequency <sup>5</sup>	Minimum acceptable diet <sup>6</sup>	Number of non- l breastfed r 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
Caste/tribe														
Scheduled caste	45.8	38.2	8.7	423	75.8	34.6	68.5	31.0	110	95.0	26.9	44.4	13.3	533
Scheduled tribe	(30.0)	(31.2)	(11.4)	33	*	*	*	*	13	(88.2)	(16.4)	(36.7)	(12.0)	46
Other backward class	51.9	41.2	15.1	808	72.4	28.4	71.2	21.6	450	90.1	30.1	52.0	17.4	1,258
Other	×	*	*	30	*	*	*	×	11	(89.7)	(48.9)	(27.9)	(14.8)	41
Total	49.7	39.4	12.8	1,297	72.3	29.7	69.7	23.1	586	91.4	29.2	48.8	16.0	1,883

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>4</sup> Minimum dietary diversity is receiving foods from 5 or more of the following 8 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 oots, 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, shelffish, or organ meats; h. beans, peas, lentils, or nuts

<sup>5</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

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 Includes two or more feedings of commercial infant formula; fresh, tinned and powdered animal milk; and yogurt

For non-breastfed 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>o</sup> Non-breastfed children age 6-23 months are considered to be fed a minimum acceptable diet if they receive other 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

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

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

Children age 6-23 months are considered to be fed a minimum acceptable diet if they receive breast milk, other 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

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### 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, Tamil Nadu, 2019-21

	Among last born children in the past 2 years		Percentage of children		Height-fo	r-age <sup>2</sup>	Weight-fo	or-height	Weight-f	or-age
District	Percentage breastfed within 1 hour of birth	Number of children	under age 6 months exclusively breastfed <sup>1</sup>	Number of children	-	Number of children	Percentage below -2 SD <sup>3</sup>	Number of children	Percentage below -2 SD <sup>3</sup>	Number of children
Ariyalur	68.3	27	*	7	25.3	64	15.1	63	20.1	64
Chennai	78.5	136	*	24	20.3	235	18.3	224	21.8	245
Coimbatore	62.4	93	*	15	23.0	221	7.0	223	18.5	227
Cuddalore	65.3	91	*	19	20.2	240	13.9	233	18.0	242
Dharmapuri	75.3	72	*	16	28.7	153	16.9	152	23.2	164
Dindigul	54.8	113	(36.4)	32	27.1	255	21.1	240	28.4	263
Erode	75.8	123	*	41	19.4	242	20.9	240	26.9	244
Kancheepuram	52.3	122	*	30	20.6	277	15.7	271	19.8	285
Kanniyakumari	48.4	55	*	17	17.3	128	11.4	129	14.4	130
Karur	42.6	28	*	3	33.6	62	18.4	60	36.3	62
Krishnagiri	72.0	71	*	17	29.0	168	10.4	165	19.3	173
Madurai	58.0	107	*	20	32.4	279	9.5	265	21.5	278
Nagapattinam	53.3	66	*	18	32.3	168	12.5	168	24.3	168
Namakkal	49.0	50	*	11	25.2	121	10.3	118	15.7	123
Perambalur	46.0	18	*	3	29.1	39	15.9	39	22.3	39
Pudukkottai	47.5	69	*	13	32.2	146	9.5	143	21.6	149
Ramanathapuram	62.4	55	*	13	26.4	147	17.7	138	21.6	152
Salem	75.5	94	*	35	23.6	223	10.1	218	20.8	229
Sivaganga	53.6	51	*	12	27.6	121	22.8	119	28.4	123
Thanjavur	57.4	67	*	17	19.5	132	8.3	127	21.9	137
The Nilgiris	62.1	25	*	6	26.7	54	17.3	55	23.2	56
Theni	60.5	72	(59.3)	16	20.2	157	15.5	156	18.8	158
Thiruvallur	58.3	158	*	43	18.1	333	17.0	332	20.6	341
Thiruvarur	39.7	32	*	9	19.8	82	18.4	81	21.5	84
Thoothukkudi	52.9	67	*	19	20.3	146	18.4	138	21.0	146
Tiruchirappalli	52.4	94	*	24	27.6	211	20.9	206	27.4	219
Tirunelveli	51.6	109	*	23	29.4	250	12.0	248	22.7	254
Tiruppur	(62.0)	55	*	15	21.5	158	15.2	146	23.1	162
Tiruvannamalai	61.9	69	*	17	30.6	176	14.8	175	25.0	176
Vellore	80.9	180	*	35	29.8	360	13.1	362	19.7	368
Viluppuram	60.2	104	*	31	23.9	273	12.4	273	20.5	273
Virudhunagar	41.5	65	*	17	29.2	162	14.4	157	23.7	168
Tamil Nadu	61.3	2,539	55.5	623	25.0	5,779	14.6	5,663	22.0	5,903

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, Tamil Nadu, 2019-21 and total for NFHS-4

	Anaemia	status by haemoglo	bin level	-	
Background characteristic	Mild (10.0-10.9 g/dl)	Moderate (7.0-9.9 g/dl)	Severe (<7.0 g/dl)	Any anaemia (<11.0 g/dl)	Number of children
Age in months					
6-8	28.9	30.3	2.0	61.1	279
9-11	32.5	33.4	3.0	68.9	359
12-17	25.9	39.9	1.4	67.2	589
18-23	30.1	38.7	2.2	71.0	574
24-35	25.8	33.0	2.5	61.3	1,094
36-47	26.8	25.6	1.6	54.0	1,137
48-59	25.3	14.7	1.1	41.1	1,162
Sex					
Male	26.4	30.3	1.9	58.6	2,792
Female	27.7	26.5	1.8	56.0	2,401
Birth order <sup>1</sup>					
1	29.1	24.6	1.6	55.4	2,508
2-3	25.3	32.0	2.0	59.4	2,601
4-5	21.3	44.8	0.7	66.7	67
Residence					
Urban	27.7	24.8	1.1	53.7	2,280
Rural	26.5	31.5	2.4	60.4	2,913
Mother's schooling <sup>2</sup>					
No schooling	27.3	30.8	0.0	58.1	94
<5 years complete	30.4	39.4	4.0	73.8	80
5-7 years complete	27.3	27.7	4.7	59.7	344
8-9 years complete	30.2	31.1	1.5	62.7	832
10-11 years complete	28.9	28.0	2.3	59.2	871
12 or more years complete	25.5	27.8	1.5	54.7	2,972
Religion					
Hindu	27.1	29.0	1.9	58.0	4,761
Muslim	25.5	27.8	1.6	54.9	170
Christian	27.6	21.1	1.2	49.9	255
Caste/tribe					
Scheduled caste	30.4	29.3	2.2	61.9	1,553
Scheduled tribe	24.4	45.3	4.4	74.0	95
Other backward class	25.7	27.7	1.6	55.1	3,452
Other	20.5	35.4	0.0	55.8	75
	20.5	55.7	0.0	55.0	
Child's living arrangements		28 5	1.0	F7 4	4 225
Living with both parents	26.8	28.5	1.8	57.1	4,235
Living with one or neither parent	28.1	29.0	1.8	58.9	958
parent	20.1	25.0	1.0	50.5	550

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

Percentage of children age 6-59 months classified as having anaemia, by background characteristics, Tamil Nadu, 2019-21 and total for NFHS-4

	Anaemia	status by haemoglo	bin level	_	
Background characteristic	Mild (10.0-10.9 g/dl)	Moderate (7.0-9.9 g/dl)	Severe (< 7.0 g/dl)	Any anaemia (<11.0 g/dl)	Number of children
Mother's anaemia status <sup>3</sup> Not anaemic	25.7	24.9	1.2	51.8	2,438
Mildly anaemic Moderately/severely	28.6	28.2	2.3	59.1	1,361
anaemic	27.6	35.6	2.4	65.6	1,371
Total	27.0	28.6	1.8	57.4	5,193

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). Total includes children of birth order 6 or more, children belonging to other religions, children whose caste/tribe is not known or who have no caste/tribe or whose caste/tribe is missing, 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 11.0-11.9 g/dl for non-pregnant women and 10.0-10.9 g/dl for pregnant women. Moderately/severely anaemic is <11.0 g/dl for non-pregnant women and <10.0 g/dl for pregnant women. Adjusted for altitude and for smoking status. Excludes children whose mother's anaemia status is not known.

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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 last 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 9-35 months who were given vitamin A supplements in the last 6 months; and percentage of children age 9-35 months who were given vitamin A supplements in the last 6 months; and percentage of children age 9-35 months who were given vitamin A supplements in the last 6 months; and percentage of children age 9-35 months who were given vitamin A supplements in the last 6 months; and percentage of children age 9-35 months who were given vitamin A supplements in the last 6 months; and percentage of children age 9-35 months who were given vitamin A supplements in the last 6 months; and percentage of children age 9-35 months who were given vitamin A supplements in the last 6 months; and percentage of children age 9-35 months who were given vitamin A supplements in the last 6 months; and percentage of children age 9-35 months who were given vitamin A supplements in the last 6 months; and percentage of children age 9-35 months who were given vitamin A supplements in the last 6 months; and percentage of children age 9-35 months who were given vitamin A supplements in the last 6 months; and percentage of children age 9-35 months who were given vitamin A supplements in the last 6 months; and percentage of children age 9-35 months who were given vitamin A supplements in the last 6 months; and percentage of children age 9-35 months who were given vitamin A supplements in the last 6 months; and percentage of children age 9-35 months who were given vitamin A supplements in the last 6 months; and percentage 6 months; and percenta iodized salt, by background characteristics, Tamil Nadu, 2019-21

	Among you months liv	Among youngest children age 6-23 months living with their mother:	ge 6-23 other:	An	Among children age 6-23 months:	te 6-23 months:		Among children age 9-35 months:	ldren onths:	with salt tested:	ouseholds tested:
Background characteristic	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
Age in months											
6-8	27.9	16.1	311	13.1	50.1	40.8	314	na	na	94.2	312
9-11	52.1	33.6	370	13.2	47.6	38.8	373	64.3	373	94.2	376
12-17	67.5	52.1	621	19.2	53.4	54.1	637	70.8	637	94.4	634
18-23	71.8	55.7	581	17.9	49.6	64.6	621	72.1	621	93.6	624
24-35	na	na	na	na	na	na	na	65.9	1,200	92.3	1,168
36-47	na	na	na	na	na	na	na	na	na	93.1	1,212
48-59	na	na	na	na	na	na	na	na	na	90.7	1,221
Sex											
Male	58.6	43.1	981	16.7	48.6	51.1	1,011	67.4	1,521	92.9	2,978
Female	60.0	44.2	902	16.6	52.7	53.8	933	69.1	1,309	92.5	2,569
Birth order											
1	57.2	42.6	922	17.4	50.7	49.2	965	67.8	1,415	93.5	2,701
2-3	61.3	44.6	942	16.0	50.3	55.5	958	68.5	1,384	92.1	2,761
4-5	*	*	20	(9.5)	(51.7)	(58.4)	21	(68.8)	31	87.2	69
Breastfeeding status <sup>7</sup> Breastfeeding	БЛ К Г	30 8	1 207	0.11.0	18.8	C 81	1 200	09	1 164	976	1 5/7
Not breastfeeding	69.69	52.2	586	21.9	54.1	60.7	645	67.5	1,667	92.0	3,990
										0	Continued

Table 74 Micronutrient intake among children—Continued

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 6-55 months who live in households using 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

	Among you months liv	Among youngest children age 6-23 months living with their mother:	ge 6-23 other:	An	nong children a	Among children age 6-23 months:		Among children age 9-35 months:	lldren onths:	Among children age 6-59 months in households with salt tested:	en age 6-59 suseholds ested:
Background characteristic	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>Residence</b> Urban	61.8	45.6	852	17.8	50.5	50.7	885	68.3	1,278	95.6	2,478
Rural	57.1	42.1	1,031	15.7	50.6	53.7	1,060	68.0	1,552	90.4	3,070
Mother's schooling											
No schooling	(50.5)	(36.2)	34	(5.2)	(27.2)	(31.3)	38	66.4	51	87.1	107
<5 years complete	(65.7)	(20.5)	41	(22.5)	(55.3)	(63.4)	42	79.0	59	89.3	89
5-7 years complete	56.4	40.8	126	23.2	56.0	55.2	128	71.9	201	89.1	377
8-9 years complete	58.2	39.8	287	16.1	56.8	55.1	294	68.1	424	89.8	888
10-11 years complete	57.7	44.5	334	14.3	49.4	54.2	342	68.4	474	93.8	927
12 or more years complete	60.4	44.7	1,061	16.9	49.2	51.1	1,100	67.3	1,622	94.0	3,159
Religion											
Hindu	58.6	42.8	1,722	16.5	49.9	53.4	1,774	68.5	2,568	92.5	5,058
Muslim	64.7	48.9	70	12.4	55.7	44.7	73	64.3	105	96.6	203
Christian	67.4	56.1	06	22.3	59.1	39.8	96	64.8	157	94.5	278

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 last 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, Tamil Nadu, 2019-21

	Among youngest children age 6-23 months living with their mother:	months living with their mother:	ge u-23 other:	Ar	nong children a	Among children age 6-23 months:		age 9-35 months:	onths:	with salt tested:	ested:
	Percentage who consumed foods rich in	Percentage who consumed foods rich		Percentage given multiple micronutrient	Percentage given iron	Percentage given deworming		Percentage given vitamin A supplements in		Percentage living in households	
Background characteristic	vitamin A in last 24 hours <sup>1</sup>	in iron in last 24 hours <sup>2</sup>	Number of children	powder in last 7 days <sup>3</sup>	supplements in last 7 days <sup>3</sup>	medication in last 6 months <sup>3,4</sup>	Number of children	the last 6 months <sup>5</sup>	Number of children	-	Number of children
Caste/tribe											
Scheduled caste	59.2	42.4	533	14.2	50.1	50.6	552	68.0	809	91.5	1,639
Scheduled tribe	(46.2)	(25.8)	46	(15.7)	(45.4)	(54.0)	46	73.2	56	96.3	106
Other backward class	59.4	44.3	1,258	17.9	51.8	53.5	1,299	68.7	1,909	93.3	3,691
Other	(63.6)	(53.0)	41	(11.9)	(20.0)	(36.1)	42	(40.0)	48	91.1	91
Total	59.2	43.7	1,883	16.6	50.5	52.4	1,944	68.2	2,830	92.7	5,548

<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)

Excludes children in households in which salt was not tested. Includes children whose mothers were not interviewed except for births order.

<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, Tamil Nadu, 2019-21, and total for NFHS-4

		Percentage of	of households:			Among hous tested			
	With salt	With salt, but salt	With no salt in		Number of	Percentage with	Number of		
Background characteristic	tested	not tested <sup>1</sup>	the household	Total	households	iodized salt	households		
Residence									
Urban	99.2	0.2	0.6	100.0	10 071	95.0	12 266		
		-			13,371		13,266		
Rural	99.4	0.1	0.5	100.0	14,558	89.3	14,464		
Religion of household head									
Hindu	99.3	0.1	0.6	100.0	24,991	91.9	24,824		
Muslim	99.7	0.0 0.2	0.0	0.3	100.0	900	95.2	897	
Christian	98.9						0.8	100.0	1,459
Other	97.7	2.0	0.3	100.0	579	86.6	566		
Caste/tribe of household head									
Scheduled caste	99.2	0.1	0.7	100.0	7,427	90.3	7,366		
Scheduled tribe	99.7	0.0	0.3	100.0	543	87.3	541		
Other backward class	99.4	0.1	0.5	100.0	18,828	93.0	18,714		
Other	98.2	0.6	0.5	100.0	496 73	89.9	487		
Don't know	100.0	0.0	0.0	100.0		93.6	73		
No caste/tribe or missing	97.6	2.1	0.3	100.0	562	87.6	549		
Total	99.3	0.1	0.6	100.0	27,929	92.0	27,731		
NFH S-4 (2015-16)	99.3	0.0	0.5	100.0	25,673	82.8	25,608		

# 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, Tamil Nadu, 2019-21

		Percentage of	households:			Among hous tested	
District	With salt tested		With no salt in	Total	Number of households	Percentage with iodized salt	Number of households
Ariyalur	99.6	0.0	0.4	100.0	274	81.6	273
Chennai	98.5	0.6	0.9	100.0	1,784	97.0	1,758
Coimbatore	99.6	0.1	0.4	100.0	1,382	98.8	1,376
Cuddalore	99.4	0.0	0.6	100.0	977	88.1	971
Dharmapuri	99.1	0.0	0.9	100.0	642	93.4	636
Dindigul	99.6	0.0	0.4	100.0	890	81.6	886
Erode	99.8	0.0	0.4	100.0	1,177	97.6	1,174
Kancheepuram	98.6	0.5	0.2	100.0	1,494	88.8	1,174
Kanniyakumari	98.9	0.5	0.9	100.0	636	97.2	628
Karur	98.9 99.3	0.3	0.5	100.0	402	94.2	399
Krishnagiri	99.8	0.0	0.2	100.0	402 657	94.2 95.2	655
Madurai	99.8 99.3	0.0	0.2	100.0	1,289	93.2 88.4	1,281
Nagapattinam	99.3 99.7	0.0	0.3	100.0	688	93.3	686
Namakkal	99.7	0.0	0.8	100.0	671	95.5 95.7	665
Perambalur	99.2 98.9	0.0	0.8	100.0	223	92.7	220
		-			558	92.7 90.6	556
Pudukkottai	99.6	0.0	0.4	100.0			
Ramanathapuram	99.9	0.0	0.1	100.0	525	90.6	524
Salem	99.5	0.1	0.4	100.0	1,390	95.7	1,383
Sivaganga	99.5	0.0	0.5	100.0	499	93.2	497
Thanjavur	97.8	0.2	2.0	100.0	777	95.3	759
The Nilgiris	100.0	0.0	0.0	100.0	333	98.4	333
Theni	99.7	0.0	0.3	100.0	484	76.8	482
Thiruvallur	98.8	0.7	0.5	100.0	1,368	83.8	1,352
Thiruvarur	99.2	0.0	0.8	100.0	442	94.6	439
Thoothukkudi	99.1	0.2	0.7	100.0	751	89.0	744
Tiruchirappalli	99.2	0.0	0.8	100.0	1,064	94.2	1,055
Tirunelveli	99.3	0.2	0.4	100.0	1,255	89.9	1,246
Tiruppur	99.7	0.0	0.3	100.0	1,023	98.3	1,021
Tiruvannamalai	99.2	0.0	0.8	100.0	869	90.3	862
Vellore	99.8	0.0	0.2	100.0	1,397	93.8	1,394
Viluppuram	99.6	0.0	0.4	100.0	1,187	88.1	1,182
Virudhunagar	99.5	0.0	0.5	100.0	823	89.5	819
Tamil Nadu	99.3	0.1	0.6	100.0	27,929	92.0	27,731

<sup>1</sup> Includes households in which salt could not be tested for technical or logistical reasons

# 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, Tamil Nadu, 2019-21

_		Frequency o	f consumption		_	Number of
Type of food	Daily	Weekly	Occasionally	Never	Total	respondents
		NOM	MEN			
Milk or curd	80.1	9.3	7.3	3.3	100.0	25,650
Pulses or beans	29.1	58.2	11.9	0.7	100.0	25,650
Dark green leafy vegetables	10.6	74.2	14.4	0.8	100.0	25,650
Fruits	20.0	43.3	35.6	1.1	100.0	25,650
Eggs	16.2	64.2	14.8	4.8	100.0	25,650
Fish	3.7	57.6	30.4	8.3	100.0	25,650
Chicken or meat	0.7	57.1	34.0	8.1	100.0	25,650
Fish or chicken/meat	4.1	70.5	20.7	4.7	100.0	25,650
Fried foods	5.5	32.7	53.3	8.4	100.0	25,650
Aerated drinks	1.1	10.1	62.4	26.3	100.0	25,650
		М	EN			
Milk or curd	76.3	16.1	5.6	2.0	100.0	2,999
Pulses or beans	56.4	40.9	2.5	0.2	100.0	2,999
Dark green leafy vegetables	42.5	49.8	7.1	0.6	100.0	2,999
Fruits	17.6	50.8	30.8	0.7	100.0	2,999
Eggs	16.9	67.7	13.2	2.1	100.0	2,999
Fish	3.7	58.8	34.0	3.5	100.0	2,999
Chicken or meat	1.9	65.1	28.7	4.3	100.0	2,999
Fish or chicken/meat	5.0	72.0	20.9	2.1	100.0	2,999
Fried foods	3.9	36.2	50.6	9.4	100.0	2,999
Aerated drinks	3.2	17.1	56.3	23.4	100.0	2,999

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Table

Percentage of women and men age 15-49 with specific body mass index (BMI) levels, by background characteristics, Tamil Nadu, 2019-21, and total for NFHS-4

			Body Mass I	Body Mass Index: Women <sup>1</sup>	n <sup>1</sup>					Body Mas	Body Mass Index: Men			
Background characteristic	<18.5 (total thin)	<18.5 17.0-18.4 (total thin) (mildly thin)	<pre>&lt;17.0 &gt;25.0 (moderately/ (overweight severely thin) or obese)</pre>	≥25.0 (overweight or obese)	25.0-29.9 ≥30.0 (overweight) (obese)	≥30.0 (obese)	Number of women	<18.5 (total thin)	17.0-18.4 (mildly thin)	<pre>&lt;17.0 ≥25.0 (moderately/ (overweight severely thin) or obese)</pre>	≥25.0 (overweight or obese)	25.0-29.9 ≥30.0 (overweight) (obese)		Number of men
<b>Age</b> 15-19	34.6	16.7	17.9	14.2	<u>6</u> .6	4.3	3,164	36.9	18.6	18.4	11.9	8.9	3.0	400
20-29	15.6	9.1	6.5	32.7	22.2	10.5	6,380	12.4	7.4	4.9	35.7	26.7	9.0	805
30-39	7.1	4.4	2.7	48.0	30.8	17.2	7,243	5.8	4.1	1.7	45.0	34.6	10.4	889
40-49	5.5	3.5	2.1	51.4	33.1	18.3	7,048	6.1	4.2	1.9	42.2	32.6	9.5	775
Marital status														
Never married	29.0	15.0	14.1	17.4	12.5	4.9	5,269	21.4	11.7	9.7	25.9	20.1	5.8	1,099
Currently married Widowed/divorced/	7.9	4.7	3.2	47.3	30.4		16,972	6.1	4.1	1.9	44.3	33.9	10.4	1,735
separated/deserted	1 8.0	5.2	2.8	43.7	29.2	14.5	1,595	(17.4)	(2.0)	(10.3)	(24.9)	(8.5)	(16.4)	37
Residence														
Urban	9.6	5.1	4.5	46.1	28.2	17.9	11,247	11.3	7.2	4.1	43.1	31.2	12.0	1,348
Rural	15.2	8.7	6.5	35.4	24.8		12,588	12.7	7.0	5.8	31.6	25.8	5.8	1,523
Schooling														
No schooling	10.2	7.0	3.2	36.4	26.1	10.4	2,362	10.8	9.5	1.3	28.4	23.7	4.7	116
<5 years complete	7.4	3.8	3.6	43.5	29.2	14.3	1,302	17.3	13.8	3.5	33.0	25.1	7.9	112
5-9 years complete 10-11 vears	10.1	5.3	4.9	46.6	29.4	17.2	7,057	11.9	6.7	5.2	33.1	26.4	6.7	946
complete	18.0	9.3	8.7	35.3	22.2	13.1	4,063	16.0	6.8	9.2	31.2	23.0	8.2	548
12 or more years														
complete	13.4	7.8	5.6	38.5	25.6	12.9	9,050	6.6	6.6	3.4	44.3	33.1	11.2	1,149
Religion														
Hindu	12.9	7.2	5.7	39.8	26.1	13.6	21,730	12.4	7.3	5.1	36.2	28.1	8.1	2,668
Muslim	7.9	4.4	3.4	48.3	29.0	19.3	802	5.9	2.4	3.4	41.4	26.0	15.4	94
Christian	9.9	4.8	5.1	47.1	29.2	17.8	1,289	0.6	6.0	2.9	52.3	35.0	17.3	108
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Table 78 Nutritional status of adults—Continued

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			Body Mass	Body Mass Index: Women <sup>1</sup>	۲L					Body Ma	Body Mass Index: Men			
			<17.0	≥25.0			Number			<17.0	≥25.0			
Background characteristic	<18.5 (total thin)	17.0-18.4 (mildly thin)	<18.5 17.0-18.4 (moderately/ (overweight (total thin) (mildly thin) severely thin) or obese) (	(overweight or obese)	25.0-29.9 (overweight) (		of women	<18.5 (total thin)	17.0-18.4 (mildly thin)	17.0-18.4 (moderately/ (overweight (mildly thin) severely thin) or obese) (	(overweight or obese)	25.0-29.9 ≥30.0 (overweight) (obese)	≥30.0 (obese)	Number of men
Caste /tribe														
Scheduled caste	14.3	7.9	6.4	36.1	24.6	11.5	6,870	13.9	8.0	5.9	32.7	26.4	6.3	832
Scheduled tribe	19.6	12.4	7.2	30.2		11.0	522	13.3	9.6	3.7	25.5	21.6	3.9	104
Other backward														
class	11.7	6.5	5.2	42.6	27.4	15.2	15,942	11.2	6.6	4.6	39.5	29.4	10.1	1,899
Other	10.0	4.0	6.0	42.4	26.2	16.2	439	(13.8)	(3.1)	(10.8)	(39.1)	(31.2)	(7.9)	31
Don't know	7.0	5.1	1.9	43.1	26.2	16.9	62	*	*	*	*	*	*	S
Total age 15-49	12.6	7.0	5.6	40.4	26.4	14.0	23,835	12.1	7.1	5.0	37.0	28.3	8.7	2,871
Age 50-54	na	na	na	na	na	na	na	5.7	3.9	1.8	45.4	36.8	8.6	356
Total age 15-54	па	na	na	na	па	na	na	11.4	6.7	4.7	37.9	29.2	8.7	3,226
<b>Age 15-49</b> NFHS-4 (2015-16)	14.6	8.1	6.5	30.9	22.6	 8.00	27,508	12.4	7.0	5.4	28.2	24.4	3.8	4,699

D 0 n h h na = Not applicable  $\int_{1}^{1}$  Excludes pregnant women and women with a birth in the preceding 2 months þ b

Women Men	0		Women						Men			
	>	Waist circumference	ence	Waist-	Waist-to-hip ratio	<u> </u>	8	Waist circumference	ıce	Waist-t	Waist-to-hip ratio	
Background characteristic	Normal	Increased risk of metabolic complications (>80 cm)	Substantially Increased risk increased risk of metabolic of metabolic complications complications (>80 cm) (>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
Age			-		-			-				
15-19	72.1	27.9	10.8	60.2	39.8	3,157	92.8	7.2	2.7	73.0	27.0	400
20-29	44.6	55.4	27.7	45.6	54.4	6,377	78.5	21.5	7.3	53.6	46.4	805
30-39	30.4	9.69	40.0	41.9	58.1	7,236	71.7	28.3	9.5	33.5	66.5	889
40-49	25.9	74.1	45.8	38.4	61.6	7,044	6.99	33.1	9.8	30.4	69.69	776
Marital status												
Never married	65.7	34.3	14.0	57.1	42.9	5,263	85.9	14.1	4.2	61.3	38.7	1,098
Currently married	30.3	69.7	40.8	40.3	59.7	16,960	68.6	31.4	10.4	32.7	67.3	1,736
widowed/deserted separated/deserted	34.2	65.8	36.0	44.4	55.6	1,592	(75.5)	(24.5)	(11.7)	(47.1)	(52.9)	37
Residence												
Urban	32.5	67.5	40.5	41.8	58.2	11,234	68.8	31.2	10.8	44.5	55.5	1,348
Rural	43.6	56.4	29.2	46.5	53.5	12,580	81.0	19.0	5.6	43.2	56.8	1,523
Schooling												
No schooling	37.3	62.7	32.8	43.4	56.6	2,360	80.3	19.7	4.2	35.9	64.1	116
<5 years complete	33.2	66.8	37.4	44.4	55.6	1,302	76.3	23.7	8.4	35.8	64.2	112
5-9 years complete	33.6	66.4	39.0	42.2	57.8	7,051	77.6	22.4	6.7	39.3	60.7	947
10-11 years complete	45.1	54.9	30.4	48.2	51.8	4,059	78.7	21.3	6.2	51.3	48.7	547
12 or more years complete	40.1	59.9	33.0	44.4	55.6	9,042	71.1	28.9	10.3	45.5	54.5	1,149
Religion												
Hindu	39.1	60.9	33.7	45.0	55.0	21,713	76.2	23.8	7.5	44.1	55.9	2,669
Muslim	29.3	70.7	44.2	37.6	62.4	802	67.6	32.4	16.8	44.0	56.0	94
Christian	31.3	68.7	43.0	36.7	63.3	1,285	58.4	41.6	14.5	36.1	63.9	108

Continued...

Table 79 Waist circumference and waist-to-hip ratio

Table 79 Waist circumference and waist-to-hip ratio—Continued

Among women and men age 15-49, percentage with specific waist circumferences and waist-to-hip ratios, by background characteristics, Tamil Nadu, 2019-21

			Women						Men			
		Waist circumference	ance	Waist-i	Waist-to-hip ratio		3	Waist circumference	nce	Waist-t	Waist-to-hip ratio	
		Increased risk of metabolic	Substantially Increased risk increased risk of metabolic		Substantially increased risk of metabolic			Substantially Increased risk increased risk of metabolic of metabolic	Substantially increased risk of metabolic		Substantially increased risk of metabolic	
Background characteristic	Normal	-	complications complications (>80 cm) (>88 cm)	Normal	complications Number (≥0.85) of wome	Number of women	Normal	complications complications (>94 cm) (>102 cm)	complications (>102 cm)	Normal	complications Number (≥0.90) of men	Number of men
Caste/tribe												
Scheduled caste	41.9	58.1	30.5	45.1	54.9	6,862	79.9	20.1	5.0	42.9	57.1	834
Scheduled tribe	52.0	48.0	23.9	48.2	51.8	522	84.5	15.5	1.8	41.5	58.5	103
Other backward class	36.4	63.6	36.6	43.7	56.3	15,929	72.8	27.2	9.7	44.3	55.7	1,898
Other	39.3	60.7	35.9	47.9	52.1	439	(68.3)	(31.7)	(5.5)	(49.3)	(50.7)	31
Don't know	37.5	62.5	45.2	40.0	60.0	62	*	*	*	*	*	ъ
Total	38.4	61.6	34.5	44.3	55.7	23,814	75.3	24.7	8.0	43.8	56.2	2,871
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. Total includes women and men belonging to other religions, who are not shown separately.	nant wome and has be	en and women with sen suppressed. To	a birth in the pre tal includes wom	sceding 2 m en and mer	onths. Figures in 1 belonging to oth	parentheses a	re based on : vho are not s	25-49 unweighted shown separately.	l cases. An asteris	k indicates tł	hat a figure is base	ed on fewer

adults	
in a	
anaemia	
of	
Prevalence	
80	
Table	

Percentage of women and men age 15-49 with anaemia by background characteristics, Tamil Nadu, 2019-21, and total for NFHS-4

Mild         Moderate         Sever         Any answing         Number         Mild         Moderate         Sever answing         Any answing           (110-11)         (110-11)         (110-11)         (110-11)         (110-11)         (110-11)         (110-11)         (110-11)           242         235         22         507         6933         66         74         (110-11)         (113-11)           240         235         21         543         (593)         66         74         (01         (113-11)           241         235         243         5730         77         43         0.04         113           246         233         245         5730         77         43         0.04         113           240         233         245         544         17,650         73         0.3         113           240         245         302         54         17,650         73         0.3         113           effect         243         243         574         (19-4)         (7.1)         (30.1)         (30.1)           effect         243         233         11455         88         54         0.4         13 <th></th> <th></th> <th>Women</th> <th>ua</th> <th></th> <th></th> <th></th> <th>Men</th> <th>L</th> <th></th> <th></th>			Women	ua				Men	L		
13       242       251       35       3261       16.5       7.4       0.7       246         23       244       253       3.5       54.9       7.303       6.6       3.6       0.1       11.3         24       243       253       3.5       54.9       7.303       6.6       0.7       0.8       17.5         40       212       27.7       4.9       54.9       7.300       6.7       0.7       0.8       17.5         40       214       239       3.5       54.9       5.20       10.5       5.3       0.8       17.5         40       214       239       3.6       5.1       17.60       7.9       5.4       0.4       13.7         40       245       3.0       5.4       0.5       5.23       10.5       5.3       12.6       13.7         artedynomed/       245       3.0       5.4       17.60       7.9       5.4       0.4       13.7         arteding       233       25.9       5.1       17.4       19.4       7.1       13.6       13.7         arteding       233       25.9       5.1       14.7       19.4       7.1       13.6	Background characteristic	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
242         253         253         543         653         543         653         543         613         73         633         73         73         633         73         73         633         73         73         633         73         73         633         73         73         633         73         73         633         73         73         633         73         73         03         713         113<	Age		L L				1 9 7	r T	r C		
25.0         23.5         5.0         6.933         6.6         3.6         1.1         11.3 $214$ 23.5         27.5         6.932         6.933         6.933         6.933         9.3         7.3         0.8         17.5 $212$ 27.1         4.9         5.49         7.310         7.7         4.5         0.4         12.5 $711$ 210         23.9         3.4         51.2         5.229         10.5         5.4         0.4         13.7 $77$ 24.5         30.2         5.9         60.6         1.574         (19.4)         (7.1)         (3.6)         (30.1) $700$ 23.5         20.7         5.32         10.5         7.9         5.4         0.4         13.7 $700$ 23.5         21.9         0.5         1.574         (19.4)         (7.1)         (3.6)         (30.1) $7000$ 23.5         26.4         3.9         5.37         21,729 $na$ $na$ $na$ $700$ 23.5         26.4         3.9         5.1         14.5         5.4         0.7         0.7         0.7	6T-CT	24.2	1.62	3.0	6.26	3,201	C.01	1.4	0.7	24.0	398
244         269         35         549         7310         7.7         45         0.4         126           itts         222         277         49         548         6,929         933         7.3         0.8         175           itts         222         234         512         5,229         105         5.3         1.2         171           arried         239         34         51.2         5,229         105         7.3         0.8         137           interied         239         262         34         17550         79         0.3         137           interied         239         262         34         5,126         1,274         (194)         (7.1)         (36)         (301)           interied         235         219         0.5         4,82         6.84         na         na         na           interied         235         244         325         4,82         6.84         na         na         na           interied         235         243         2,1765         na         na         na         na           interied         235         254         0.8         0.7	20-29	25.0	23.5	2.2	50.7	6,953	6.6	3.6	1.1	11.3	792
212       217       4.9       54.8       6.929       9.3       7.3       0.8       17.5         Must arried       24.0       23.9       3.4       51.2       5.229       10.5       5.3       1.2       17.1         Antried       23.9       26.2       3.4       51.2       5.229       10.5       5.3       1.3       17.1         Antried       23.9       26.2       3.4       51.7       1.574       (19.4)       7.1       3.6)       30.1)         Advected       24.5       30.2       5.9       60.6       1.574       (19.4)       7.1       3.6)       30.1)         Advected       24.5       30.3       5.9       60.6       1.574       (19.4)       7.1       3.6)       30.1)         Advected       24.5       30.9       5.3       21.79       na       na       na         color       23.5       0.8       51.7       2.040       na       na       na       na         color       23.5       0.6       4.82       6.84       na       na       na         color       23.5       2.6.4       3.9       5.1       2.1729       na       na	30-39	24.4	26.9	3.5	54.9	7,310	7.7	4.5	0.4	12.6	873
tuta         11/2 <th< td=""><td>40-49</td><td>22.2</td><td>27.7</td><td>4.9</td><td>54.8</td><td>6,929</td><td>9.3</td><td>7.3</td><td>0.8</td><td>17.5</td><td>748</td></th<>	40-49	22.2	27.7	4.9	54.8	6,929	9.3	7.3	0.8	17.5	748
arried $240$ $239$ $34$ $512$ $5,229$ $10.5$ $5.3$ $1.2$ $171$ inarried $239$ $262$ $3.4$ $51.2$ $5.29$ $10.5$ $5.4$ $0.4$ $137$ inarried $239$ $262$ $3.4$ $53.4$ $1760$ $7.9$ $5.4$ $0.4$ $137$ inarried $245$ $202$ $5.9$ $60.6$ $1.574$ $(19.4)$ $(7.1)$ $(361)$ $(301)$ status $25.9$ $21.9$ $60.6$ $1.574$ $(19.4)$ $(7.1)$ $(36)$ $(301)$ status $25.9$ $21.9$ $60.6$ $1.574$ $(19.4)$ $(7.1)$ $(36)$ $(301)$ status $25.9$ $21.9$ $60.6$ $1.7129$ $na$ $na$ $na$ $na$ status $235$ $25.0$ $2.8$ $5.4$ $0.8$ $15.6$ $22.2$ $234$ $22.1$ $22.9$ $25.3$ $11.455$ $8.8$ $5.4$ $0.8$ $15.5$ $22.2$ <	Aarital status										
married         23.9         26.2         3.4         5.34         17,650         7.9         5.4         0.4         13.7 <i>i/disorced/</i> 24.5         30.2         5.9         60.6         1,574         (19.4)         (7.1)         (3.6)         (30.1) <i>i/disorced/</i> 24.5         30.2         5.9         60.6         1,574         (19.4)         (7.1)         (3.6)         (30.1) <i>status</i> 25.9         21.9         0.5         48.2         68.4         na         na         na         na <i>status</i> 23.5         0.8         51.7         2,040         na         na         na         na <i>sching</i> 23.5         0.8         51.7         2,040         na         na         na         na <i>sching</i> 23.5         0.8         51.7         2,1729         na         na         na <i>zding</i> 23.5         26.4         3.9         51.3         11,455         8.8         5.4         0.7         15.5 <i>zding</i> 23.3         22.12         5.33         12,998         9.3         5.4         0.7         15	Never married	24.0	23.9	3.4	51.2	5,229	10.5	5.3	1.2	17.1	1,085
Vidivorced/       I/divorced/       (1)       (3)       (3)       (3)       (3)         deserted       245       30.2       5.9       60.6       1,574       (19,4)       (7.1)       (3,6)       (30.1)         status       25.9       21.9       0.5       48.2       684       na       na       na       na         cding       28.4       22.5       0.8       51.7       2,040       na       na       na       na         cding       28.4       23.5       0.8       51.7       2,040       na       na       na       na         23.5       26.4       3.9       53.7       21,729       na       na       na       na         construct       23.5       26.4       3.9       51.3       11,455       8.8       5.4       0.7       15.5         24.4       26.7       4.2       55.3       12,998       9.3       5.4       0.7       15.5         ling       22.1       28.7       11,455       8.8       5.4       0.7       15.5         complete       23.3       23.1       12,998       9.3       5.4       0.7       15.5         complete	Currently married	23.9	26.2	3.4	53.4	17,650	7.9	5.4	0.4	13.7	1,692
d/deserted     24.5     30.2     5.9     60.6     1,574     (19.4)     (7.1)     (3.6)     (30.1)       status     25.9     21.9     0.5     48.2     68.4     na     na     na       store     28.4     22.5     0.8     51.7     2.040     na     na     na       scing     28.4     22.5     0.8     51.7     2.040     na     na     na       23.5     26.4     3.9     51.7     2.040     na     na     na     na       23.5     26.4     3.9     51.7     2.040     na     na     na     na       23.5     26.4     3.9     51.3     11,455     8.8     5.4     0.8     15.0       23.5     25.0     2.8     51.3     12,998     9.3     5.4     0.7     15.5       24.4     26.7     4.2     55.3     12,998     15.8     5.7     0.7     15.5       sing     22.1     28.3     5.3     7,1298     15.8     2.7     0.0     18.5       complete     23.5     5.4     3.6     5.4     17.8     10.5     17.9       sis complete     23.5     5.4     15.8     2.7     0.0	Widowed/divorced/										
status         status         data         na         na <th< td=""><td>separated/deserted</td><td>24.5</td><td>30.2</td><td>5.9</td><td>60.6</td><td>1,574</td><td>(19.4)</td><td>(7.1)</td><td>(3.6)</td><td>(30.1)</td><td>35</td></th<>	separated/deserted	24.5	30.2	5.9	60.6	1,574	(19.4)	(7.1)	(3.6)	(30.1)	35
25.9       21.9       0.5       48.2       684       na	laternity status										
cding       28.4       22.5       0.8       51.7       2,040       na       na </td <td>Pregnant</td> <td>25.9</td> <td>21.9</td> <td>0.5</td> <td>48.2</td> <td>684</td> <td>na</td> <td>na</td> <td>na</td> <td>na</td> <td>na</td>	Pregnant	25.9	21.9	0.5	48.2	684	na	na	na	na	na
23.5       26.4       3.9       53.7       21,729       na       na       na       na         23.5       25.0       2.8       51.3       11,455       8.8       5.4       0.8       15.0         24.4       26.7       4.2       55.3       12,998       9.3       5.4       0.8       15.0         24.4       26.7       4.2       55.3       12,998       9.3       5.4       0.7       15.5         aling       22.1       28.2       5.8       56.2       2,341       11.5       8.2       2.7       0.0       18.5         complete       23.3       28.3       5.73       1,298       15.8       2.7       0.0       18.5         complete       23.3       28.7       3.9       5.4,178       11.5       8.2       2.5       16.1         are complete       23.3       2.8       5.4,178       10.5       6.8       0.6       17.9         are complete       23.5       2,174       8.2       6.4       15       0.0       18.5         are complete       23.6       5.6       5.14       11.5       8.2       0.6       17.9         e vest       24.9	Breastfeeding	28.4	22.5	0.8	51.7	2,040	na	na	na	na	na
23.5       25.0       2.8       51.3       11,455       8.8       5.4       0.8       15.0         24.4       26.7       4.2       55.3       12,998       9.3       5.4       0.8       15.0         24.4       26.7       4.2       55.3       12,998       9.3       5.4       0.7       15.5         24.4       26.7       4.2       55.3       12,998       9.3       5.4       0.7       15.5         complete       22.1       28.2       5.8       56.2       2,341       11.5       8.2       2.5       22.2         complete       24.7       28.3       4.3       57.3       1,298       15.8       2.7       0.0       185         complete       23.3       28.7       3.9       55.9       7,142       8.2       6.4       1.5       16.1         ars complete       23.6       26.4       3.6       53.5       4,178       10.5       6.8       0.6       17.9         ars complete       23.6       2.6       5.3       9,494       8.2       3.9       0.1       12.2         ars complete       23.6       2.6       5.3       9,494       8.2       3.9	Neither	23.5	26.4	3.9	53.7	21,729	na	na	na	na	na
23.5       25.0       2.8       51.3       11,455       8.8       5.4       0.8       15.0         24.4       26.7       4.2       55.3       12,998       9.3       5.4       0.8       15.0         24.4       26.7       4.2       55.3       12,998       9.3       5.4       0.8       15.0         1ing       22.1       28.2       5.8       56.2       2,341       11.5       8.2       2.5       22.2         complete       24.7       28.3       4.3       57.3       1,298       15.8       2.7       0.0       185         complete       23.3       28.7       3.9       57.3       1,298       15.8       2.7       0.0       185         complete       23.3       28.7       3.6       55.9       7,142       8.2       6.4       1.5       16.1         ars complete       23.6       2.6.4       3.6       53.5       4,178       10.5       6.8       0.6       17.9         e vears       24.9       2.8       5.6.3       9,494       8.2       3.9       0.1       12.2         e vears       24.9       2.6       5.0.3       9,494       8.2 <t< td=""><td>esidence</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></t<>	esidence										
24.4       26.7       4.2       55.3       12,998       9.3       5.4       0.7       15.5         ling       22.1       28.2       5.8       56.2       2,341       11.5       8.2       2.5       2.22         complete       24.7       28.3       4.3       57.3       1,298       15.8       2.7       0.0       18.5         complete       23.3       28.7       3.9       55.9       7,142       8.2       6.4       1.5       16.1         ars complete       23.6       3.6       55.9       7,142       8.2       6.8       0.6       17.9         ars complete       23.6       2.6.4       3.6       53.5       4,178       10.5       6.8       0.6       17.9         re years       24.9       22.8       2.6.4       8.2       3.9       9.494       8.2       3.9       0.1       12.2	Urban	23.5	25.0	2.8	51.3	11,455	8.8	5.4	0.8	15.0	1,313
ling 22.1 28.2 5.8 56.2 2,341 11.5 8.2 2.5 22.2 complete 24.7 28.3 4.3 57.3 1,298 15.8 2.7 0.0 18.5 complete 23.3 28.7 3.9 55.9 7,142 8.2 6.4 1.5 16.1 ars complete 23.6 26.4 3.6 53.5 4,178 10.5 6.8 0.6 17.9 ars complete 23.6 2.8 2.6 50.3 9,494 8.2 3.9 0.1 12.2 events events 24.9 22.8 2.6 5.0 3, 9,494 8.2 3.9 0.1 12.2 contribution of the second statement of the sec	Rural	24.4	26.7	4.2	55.3	12,998	9.3	5.4	0.7	15.5	1,498
22.1       28.2       5.8       56.2       2,341       11.5       8.2       2.5       22.2         plete       24.7       28.3       4.3       57.3       1,298       15.8       2.7       0.0       18.5         nplete       23.3       28.7       3.9       55.9       7,142       8.2       6.4       1.5       16.1         omplete       23.6       26.4       3.6       53.5       4,178       10.5       6.8       0.6       17.9         ears       24.9       22.8       2.6       50.3       9,494       8.2       3.9       0.1       12.2	chooling										
24.7       28.3       4.3       57.3       1,298       15.8       2.7       0.0       18.5         23.3       28.7       3.9       55.9       7,142       8.2       6.4       1.5       16.1         23.3       28.7       3.9       55.9       7,142       8.2       6.4       1.5       16.1         23.6       26.4       3.6       53.5       4,178       10.5       6.8       0.6       17.9         24.9       22.8       2.6       50.3       9,494       8.2       3.9       0.1       12.2	No schooling	22.1	28.2	5.8	56.2	2,341	11.5	8.2	2.5	22.2	111
23.3     28.7     3.9     55.9     7,142     8.2     6.4     1.5     16.1       23.6     26.4     3.6     53.5     4,178     10.5     6.8     0.6     17.9       24.9     22.8     2.6     50.3     9,494     8.2     3.9     0.1     12.2	<5 years complete	24.7	28.3	4.3	57.3	1,298	15.8	2.7	0.0	18.5	113
23.6     26.4     3.6     53.5     4,178     10.5     6.8     0.6     17.9       24.9     22.8     2.6     50.3     9,494     8.2     3.9     0.1     12.2	5-9 years complete	23.3	28.7	3.9	55.9	7,142	8.2	6.4	1.5	16.1	921
24.9 22.8 2.6 50.3 9,494 8.2 3.9 0.1 12.2 Conti	10-11 years complete	23.6	26.4	3.6	53.5	4,178	10.5	6.8	0.6	17.9	543
24.9 22.8 2.6 50.3 9,494 8.2 3.9 0.1 12.2 Contri	12 or more years										
Continued	complete	24.9	22.8	2.6	50.3	9,494	8.2	3.9	0.1	12.2	1,124
										G	ontinued

Table 80 Prevalence of anaemia in adults—Continued

Percentage of women and men age 15-49 with anaemia by background characteristics, Tamil Nadu, 2019-21, and total for NFHS-4

1		Women	u				Men	ų		
				Any					Any	
Background characteristic (	Mild Moderate (11.0-11.9 g/dl) <sup>2</sup>	Moderate (8.0-10.9 g/dl) <sup>2</sup>	Severe (<8.0 g/dl) <sup>3</sup>	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)	anaemia (<13.0 g/dl)	Number of men
Religion										
Hindu	24.1	26.1	3.6	53.8	22,320	9.0	5.5	0.8	15.3	2,619
Muslim	21.2	21.6	3.0	45.9	813	14.8	3.4	0.0	18.3	88
Christian	23.3	26.4	2.3	52.0	1,307	6.0	5.0	0.0	11.0	104
Caste/tribe										
Scheduled caste	24.2	28.5	4.7	57.4	7,057	8.4	5.5	0.6	14.5	822
Scheduled tribe	24.8	30.3	3.9	59.0	537	10.5	4.0	1.3	15.9	96
Other backward class	23.7	24.7	3.0	51.4	16,361	9.2	5.5	0.8	15.5	1,861
Other	26.9	25.8	3.7	56.5	436	(16.7)	(3.1)	(0.0)	(19.9)	30
Don't know	23.8	27.6	2.9	54.3	62	*	*	*	*	2
Smoking status										
Smokes cigarettes/ <i>bidis</i> Does not smoke	*	*	*	*	7	8.9	5.2	1.5	15.6	445
cigarettes/bidis	23.9	25.9	3.5	53.4	24,446	9.1	5.4	0.6	15.2	2,366
Total age 15-49	23.9	25.9	3.5	53.4	24,453	9.1	5.4	0.8	15.2	2,811
Age 50-54	na	na	na	na	na	9.1	10.2	1.6	20.8	346
Total age 15-54	na	na	na	na	na	9.1	5.9	0.8	15.8	3,157
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 liron deficiency in the United States. <i>Morbidity and Mortality Weekly Report</i> 47 (RR-3): 1-29). Haemoglobin levels are shown in	n and men who sta 18. Recommendatio	ayed in the househe ons to prevent and	old the night bef control iron def	<sup>c</sup> ore the interview iciency in the Un	<ol> <li>Prevalence is ited States. Mc</li> </ol>	adjusted for altitud rbidity and Mortali	e and for smoking ty <i>Weekly Report</i> 4	status, if known, 17 (RR-3): 1-29). H	using the CDC form Haemoglobin levels	ulae (Centers are shown in

 $^1$  For pregnant women the value is 10.0-10.9 g/dl  $^2$  For pregnant women, the value is 7.0-9.9 g/dl

na = Not applicable

<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, Tamil Nadu, 2019-21

	Percentage		Percentage			Percentage of	
	of children		of women		Percentage of	-	
	having any		having any		women with	BMI ≥25.0	
	anaemia	Number of	anaemia	Number of	BMI <18.5	(overweight	Number of
District	(<11.0 g/dl)	children	(<12.0 g/dl) <sup>1</sup>	women	(total thin)	or obese)	women <sup>2</sup>
Ariyalur	62.0	55	62.4	238	15.6	33.3	227
Chennai	55.3	217	50.3	1,286	7.4	41.8	1,279
Coimbatore	37.8	210	48.9	1,131	10.1	49.9	1,101
Cuddalore	64.8	211	58.6	934	14.8	35.1	910
Dharmapuri	54.2	148	42.5	566	12.9	33.4	550
Dindigul	50.2	227	42.6	887	12.9	38.5	852
Erode	46.5	197	55.4	969	11.4	37.0	936
Kancheepuram	68.8	252	57.0	1,368	12.6	46.4	1,358
Kanniyakumari	39.1	111	45.6	515	5.9	53.0	494
Karur	73.2	55	65.0	302	17.9	34.7	297
Krishnagiri	46.5	157	44.0	626	11.7	34.5	601
Madurai	54.3	250	48.0	1,151	12.2	40.8	1,134
Nagapattinam	60.9	147	62.6	642	19.4	31.9	619
Namakkal	67.9	113	51.9	508	9.4	43.2	495
Perambalur	69.2	34	66.1	182	18.0	32.9	176
Pudukkottai	71.0	133	62.5	522	20.3	32.0	508
Ramanathapuram	57.2	139	53.5	525	15.7	34.1	510
Salem	51.3	194	46.3	1,156	10.1	40.3	1,112
Sivaganga	56.4	110	51.5	478	12.7	33.4	467
Thanjavur	64.8	102	59.0	622	12.7	42.8	610
The Nilgiris	45.8	48	44.2	301	10.8	39.5	302
Theni	46.8	143	41.2	494	10.3	45.2	469
Thiruvallur	58.4	282	56.8	1,265	10.5	48.6	1,258
Thiruvarur	45.0	73	58.2	389	15.4	37.1	385
Thoothukkudi	55.6	129	55.9	670	11.9	43.4	646
Tiruchirappalli	82.3	193	62.4	906	16.7	33.5	887
Tirunelveli	49.9	235	51.0	1,091	13.5	40.2	1,058
Tiruppur	44.7	147	55.2	826	9.8	45.0	785
Tiruvannamalai	64.7	157	56.6	757	12.6	37.8	742
Vellore	60.9	338	50.6	1,316	11.4	45.4	1,273
Viluppuram	73.4	235	62.5	1,080	17.2	37.0	1,066
Virudhunagar	58.9	153	56.9	752	14.1	37.4	732
-							
Tamil Nadu	57.4	5,193	53.4	24,453	12.6	40.4	23,835

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 (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). 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, Tamil Nadu, 2019-21

	Percentage who have heard of HIV or AIDS	: who have IV or AIDS	Percentage who say that people can reduce their chances of getting HIV/AIDS by using a condom every time they have sex	: who say ole can their f getting y using a eery time ve 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>	who know of getting can be rimiting ninfected tner <sup>1</sup>	Percentage who have a comprehensive knowledge about HIV/AIDS <sup>2</sup>	age ve a ensive DS <sup>2</sup>	Percentage who know that HIV/AIDS can be transmitted from a mother to her baby	vho know SS can be I from a	Number	ber
Background characteristic	Women	Men	Women	Men	Women	Men	Women	Men	Women	Men	Women	Men
Age												
15-24	98.8	97.1	74.0	87.8	79.8	83.1	23.9	23.2	89.0	76.6	1,018	814
15-19	98.0	96.0	68.6	83.1	77.1	79.5	22.0	20.8	85.5	73.1	494	423
20-24	9.66	98.2	79.2	92.9	82.5	86.9	25.6	25.9	92.4	80.4	524	391
25-29	98.8	99.2	82.1	93.2	83.4	86.5	27.2	27.3	91.9	82.3	564	443
30-39	98.8	99.3	80.5	91.6	80.7	84.3	23.0	30.1	93.0	80.2	1,198	941
40-49	97.3	97.5	76.5	88.9	78.1	83.1	22.1	25.4	91.7	79.9	1,013	801
Residence												
Urban	99.3	98.3	80.7	89.7	82.7	85.3	24.6	31.1	91.6	80.5	1,760	1,435
Rural	97.6	98.0	75.6	90.4	78.0	82.8	22.8	22.4	91.3	78.5	2,033	1,564
Schooling												
No schooling	94.7	96.1	64.4	91.0	73.2	83.5	18.3	12.6	87.6	79.7	306	120
<5 years complete	94.6	95.0	71.4	80.0	76.4	76.5	12.8	18.0	89.4	77.3	184	114
5-7 years complete	97.1	97.1	73.6	89.6	71.4	80.6	14.9	20.6	90.9	73.4	519	430
8-9 years complete	98.2	98.1	79.7	88.7	78.6	86.4	23.0	23.3	92.6	83.5	646	563
10-11 years complete	99.2	98.5	77.6	90.3	81.2	83.8	22.9	27.5	91.2	77.5	620	567
12 or more years complete	99.8	0.66	82.3	91.6	85.2	84.9	29.5	32.0	92.3	80.9	1,519	1,205
Regular media exposure <sup>3</sup>												
Yes	98.6	98.3	79.0	90.4	81.1	83.3	24.4	27.1	92.0	79.8	3,283	2,633
No	96.9	97.4	71.3	87.6	74.3	89.1	18.7	22.7	88.0	77.3	511	366
											CC	Continued

	Percentag heard of F	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	e who say pple can s their of getting by using a very time ve 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>	who know of getting can be limiting ninfected .ner <sup>1</sup>	Percentage who have a comprehensive knowledge about HIV/AIDS <sup>2</sup>	tage ive a ensive DS <sup>2</sup>	Percentage who know that HIV/AIDS can be transmitted from a mother to her baby	vho know SS can be d from a ner baby	Number	ber
Background characteristic	Women	Men	Women	Men	Women	Men	Women	Men	Women	Men	Women	Men
<b>Marital status</b> Never married Currently married	98.5 98.5	97.9 98.4	71.8 79.5	88.7 90.9	78.2 81.2	82.8 84.7	24.1 23.9	25.5 27.3	87.6 92.8	77.6 80.8	803 2,759	1,161 1,801
Widowed/divorced/ separated/deserted	96.9	(6.3)	80.5	(0.06)	74.3	(60.3)	17.5	(22.9)	89.2	(76.6)	232	37
Whether been away from home for 1 month or more at a time in the past 12 months <sup>4</sup> Been away Not been away	99.3 58.3	98.5 98.1	9.97 9.77	89.7 90.1	82.0 80.1	83.4 84.1	21.0 23.7	28.2 26.3	92.7 91.4	81.1 79.2	153 3,640	397 2,602
Whether been away from home for 6 months or more at a time in the past 12 months <sup>4</sup> Been away	98.6 6	98.2 00 0	82.1	89.2	80.4	78.4	21.2 0 cc	23.4 26 o	93.5 04 9	7.77 2.07	303	182 182
Not been away Religion Muslim	98.4 95.4	98.1 100.0	77.8	1.06 8.68 9.66	80.2 70.0	84.1 83.3	23.2 23.2 19.8	26.3 26.3 26.8	91.7 81.2	78.8 93.6	3,436 137	2,776 2,776 108
Curistian	0.001	77.66	84.8	89.8	c.cø	Q1.1	33.2	27.1	43.U	Q2.3	017	CTT

Table 82 Knowledge and prevention of HIV/AIDS—Continued

Table 82 Knowledge and prevention of HIV/AIDS— <i>Continued</i>	tion of HIV/All	DS—Continu	ed									
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, Tamil Nadu, 2019-21	age 15-49 who sexual intercou who know tha	have heard urse, who kr at HIV/AIDS o	of HIV or AIC low that the can be transr	S and who, risk of gett nitted from	in response t ing HIV/AIDS ( a mother to h	o prompted can be reduc ner baby, by	questions, sa ced by limitin background o	y that peop g sex to on characterist	IV or AIDS and who, in response to prompted questions, say that people can reduce the risk of getting HIV/AIDS by using that the risk of getting HIV/AIDS can be reduced by limiting sex to one uninfected partner, who have a comprehensive be transmitted from a mother to her baby, by background characteristics, Tamil Nadu, 2019-21	the risk of g bartner, who u, 2019-21	etting HIV/AI o have a com	OS by using prehensive
			Percentage who say that people can reduce their chances of getting	e who say ple can their f getting	Percentage who know that the risk of getting HIV/AIDS can be	who know of getting can be	Percentage who have a	tage ve a	Percentage who know	vho know		
	Percentage who have heard of HIV or AIDS	who have V or AIDS	HIV/AIDS by using a condom every time they have sex	y using a very time	reduced by limiting sex to one uninfected sex partner <sup>1</sup>	r limiting ninfected ther <sup>1</sup>	comprehensive knowledge about HIV/AIDS <sup>2</sup>	ensive e about DS <sup>2</sup>	that HIV/AIDS can be transmitted from a mother to her baby	S can be I from a Jer baby	Number	her
Background characteristic	Women	Men	Women	Men	Women	Men	Women	Men	Women	Men	Women	Men
Caste/tribe												
Scheduled caste	98.4	98.2	76.6	90.06	80.2	79.8	23.5	23.0	91.9	75.2	1,044	852
Scheduled tribe	98.4	97.2	80.8	95.6	72.3	91.3	23.9	12.3	95.4	76.4	109	105
Other backward class	98.4	98.2	78.5	89.9	80.7	85.4	23.6	28.8	91.2	81.6	2,574	2,006
Other	96.4	(97.2)	71.0	(85.1)	68.4	(80.9)	21.8	(24.2)	87.1	(73.1)	61	31
Total	98.4	98.2	9.77	90.1	80.2	84.0	23.6	26.6	91.4	79.5	3,794	2,999
Note: Figures in parentheses are based on 25-49 unweighted cases. Total includes women/men belonging to other religions and women/men who don't know their caste/tribe. who are not shown separately.	ed on 25-49 unw	veighted case	. Total include	s women/me	en belonging to	other religion:	s and women/r	nen who dor	't know their ca	ste/tribe. who	o are not show	n separately.

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

Would       Would         buy fresh       Say 1         buy fresh       Say 1         buy fresh       Say 1         buy fresh       Say 1         care for a       from a         HIV/AIDS in       vendor who         buy fresh       Say 1         reactive with       shopkeeper or       not         HIV/AIDS in       vendor who       be         HIV/AIDS in       vendor who       be         Age       55.8       37.5         15-19       52.7       32.7         20-24       58.7       42.0         25-29       53.6       47.8         30-39       53.6       36.7         40-49       53.6       36.7         Rural       56.4       43.6         Urban       56.4       39.6         Rural       56.4       33.6         No schooling       46.6       22.4         Softee       57.5       37.3         Softee       57.5       37.3         Softee       56.4       39.6         Softee       57.5       37.3         Softee       57.5       37.3         Soft	Say that a female V teacher who has wi HIV/AIDS but is se not sick should fan be allowed to gr be allowed to gr continue teaching write 53.7 53.7	Would not want to keep secret that a family member got infected with HIV/AIDS 49.7 49.7 49.7 49.8	Would allow an HIV positive student to attend school with students who are HIV negative 45.7 42.1 49.1 48.6 51.8	Think that people living with HIV/AIDS should be treated in the same public hospital as persons who are HIV negative 46.0 41.6 50.1 50.1 50.7 48.7	Think that people living with HIV should be allowed to work in the same office with people who are HIV negative 50.8 54.0 57.1 54.2 56.2	Express accepting attitudes on all seven indicators 9.3 8.8 9.7 9.7	Number of women who have heard of HIV or AIDS 484 522 557 1.183
24 55.8 -19 52.7 -24 58.7 29 52.7 29 53.6 49 53.6 49 53.6 adence 53.6 adence 57.5 vears complete 57.5 vears complete 57.5	51.5 53.4 53.3 53.7 48.0	47.9 49.7 46.3 47.4 47.4	45.7 42.1 49.1 51.8 71.8	46.0 41.6 50.1 48.7	50.8 57.1 54.8 56.2	6. 8. 8. 6 6. 7. 8. 6 7. 8. 6	1,006 484 522 557
24 55.8 -19 52.7 -24 58.7 29 58.7 58.7 58.7 55.8 59.6 49 53.6 49 53.6 40 5 6.4 al 56.4 al 56.4 al 56.4 al 56.4 al 56.4 vers complete 57.5 years complete 57.5	51.5 49.4 53.4 53.7 53.7 48.0	47.9 49.7 46.3 49.8 47.4	45.7 42.1 49.1 51.8 51.8	46.0 41.6 50.1 48.7	50.8 57.1 56.2	0.0 8.8 7.0 8.0 8.0 8.0 0	1,006 484 522 557 1.183
52.7 58.7 58.7 55.8 59.6 53.6 56.4 56.4 56.4 56.4 56.4 56.4 56.4 56	49.4 53.4 53.7 48.0	49.7 46.3 47.4 47.4	42.1 49.1 51.8 71.5	41.6 50.1 50.7 48.7	44.0 57.1 54.8 56.2	8.8 9.7 8.0	484 522 557 1.183
58.7 55.8 59.6 53.6 56.4 56.4 56.4 56.4 56.4 56.4 56.4 57.5 complete 57.5	53.4 54.3 53.7 48.0	46.3 49.8 47.4	49.1 48.6 71.8	50.1 50.7 48.7	57.1 54.8 56.2	9.7 9.8	522 557 1.183
55.8 59.6 53.6 56.4 56.4 56.4 56.4 56.4 56.4 57.5 complete 57.5	54.3 53.7 48.0	49.8 47.4	48.6 51.8 77 5	50.7 48.7	54.8 56.2	9.8	557 1.183
59.6 53.6 53.6 56.4 56.4 56.4 56.4 56.4 56.4 57.5 complete 57.5	53.7 48.0	47.4	51.8 אא ה	48.7	56.2	0.01	1.183
53.6 56.4 56.4 56.4 56.4 56.4 60 1ing 60 complete 57.5 57.5	48.0		7 J L			D'UT	
56.4 56.4 56.4 66.6 57.5 complete 57.5		40.3	<u>;</u>	46.2	49.7	8.5	986
56.4 56.4 56.4 6.6 60mplete 57.5 complete 57.5							
56.4 Jing 46.6 complete 57.5 complete 57.5	52.8	47.5	49.0	48.3	54.3	9.8	1,748
vling 46.6 complete 57.5 complete 57.5	50.7	48.7	46.7	47.0	51.5	9.4	1,985
46.6 57.5 57.5							
57.5 57.5	34.5	49.0	31.6	31.2	36.3	5.6	290
57.5	44.8	41.6	40.6	40.3	45.6	8.7	174
	47.8	49.4	44.5	50.8	51.5	11.3	504
8-9 years complete 57.9 40.2	51.6	49.4	48.2	45.9	50.8	9.0	634
10-11 years complete 51.7 36.7	48.5	47.4	43.7	42.7	49.7	8.3	615
12 or more years							
complete 59.1 47.9	58.4	48.1	54.2	53.2	59.3	10.7	1,515
Yes 56.6 41.9	52.7	47.2	48.6	48.2	53.5	9.4	3,237
No 55.4 38.4	45.4	54.7	42.5	44.0	48.4	11.2	495

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

: Women <i>—Continued</i>	
//AIDS:	
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Table 83.	

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, Tamil Nadu, 2019-21

				Percenta	Percentage of women who:				
Background characteristic	Are willing to care for a relative with HIV/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	Express accepting attitudes on all seven indicators	Number of women who have heard of HIV or AIDS
Marital status									
Never married	56.2	37.5	53.4	49.5	47.4	46.1	51.6	10.2	791
Currently married	55.7	42.3	50.7	48.8	47.4	47.4	52.7	9.3	2,717
separated/deserted	65.5	45.6	57.7	35.9	53.3	55.8	58.4	10.7	224
Religion									
Hindu	57.5	41.6	51.6	48.5	47.7	47.5	52.8	9.7	3,381
Muslim	33.1	27.8	39.5	43.4	31.1	40.0	37.6	6.2	130
Christian	52.8	47.7	60.3	46.1	57.8	53.1	61.7	10.7	216
Caste/tribe									
Scheduled caste	57.4	43.5	49.5	45.5	46.5	45.9	50.2	9.8	1,027
Scheduled tribe	53.3	29.7	40.1	46.4	39.5	38.8	48.4	8.3	108
Other backward class	56.7	41.5	53.4	49.7	49.0	48.9	54.3	9.8	2,534
Other	32.6	25.4	36.0	34.7	30.9	37.3	40.6	2.8	59
Total	56.4	41.5	51.7	48.1	47.8	47.6	52.8	9.6	3,732
Note: Total includes women belonging to other religions and 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	longing to other re or newspapers/ma	eligions and wome agazines at least o	en who don't know th nce a week or cinema	o don't know their caste/tribe, who are week or cinema at least once a month	io are not shown sep; onth	arately.			

				Percenta	Percentage of men who:				
	Are willing to care for a	Would buy fresh vegetables from a	Say that a female teacher who has HIV/AIDS but is	Would not want to keep secret that a	Would allow an HIV positive student to attend	Think that people living with HIV/AIDS should be treated in the same public	Think that people living with HIV should be allowed to work in the	Express	Number of
Background characteristic	relative with HIV/AIDS in own home	shopkeeper or vendor who has HIV/AIDS	not sick should be allowed to continue teaching	family member got infected with HIV/AIDS	school with students who are HIV negative	hospital as persons who are HIV negative	same office with people who are HIV negative	accepting attitudes on all seven indicators	men who have heard of HIV or AIDS
Age 1E 24	C 7 9	907	0.57	1 00	E 0 J	67.0	777	C	
15-19	59.8	39.3	57.2	42.1	53.8	55.3	61.4	7.0	406
20-24	69.0	58.5	66.7	34.6	63.2	58.8	6.9	12.1	384
25-29	67.8	55.8	66.5	41.3	64.1	61.5	68.8	13.8	439
30-39	67.9	55.4	63.6	40.7	63.0	61.1	66.7	13.7	934
40-49	63.4	49.9	60.2	43.1	55.4	56.4	62.5	14.2	781
Residence									
Urban	64.4	52.8	63.7	38.4	58.5	59.4	66.8	13.1	1,411
Rural	67.0	51.6	61.7	43.0	61.2	58.3	63.7	12.3	1,534
Schooling									
No schooling	58.6	34.2	37.8	40.0	35.7	46.1	42.7	7.6	115
<5 years complete	63.0	52.3	57.2	33.2	55.5	52.3	60.0	9.4	109
5-7 years complete	56.9	40.5	51.5	45.4	49.4	48.3	53.9	9.6	418
8-9 years complete	65.7	49.7	59.1	39.0	55.0	57.5	63.2	10.3	552
10-11 years complete	63.6	51.8	61.5	45.5	58.4	57.5	64.0	15.1	559
12 or more years complete	70.7	59.3	71.7	38.7	69.3	65.6	73.3	14.5	1,193
Regular media exposure <sup>1</sup>									
Yes	65.6	53.7	63.2	41.5	60.6	59.4	65.5	13.6	2,588
No	60.9	41.1	58.7	35.7	55.0	54.9	63.0	6.4	357

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

				Percenta	Percentage of men who:				
Background characteristic	Are willing to care for a relative with HIV/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	Express Express accepting attitudes on all seven indicators	Number of men who have heard of HIV or AIDS
Marital status									
Never married Currently married Widowed Aivorred/	63.1 67.7	50.1 53.6	64.0 61.7	38.5 42.7	60.5 59.6	58.7 58.9	65.7 65.0	10.0 14.7	1,137 1,773
separated/deserted	(52.3)	(45.4)	(6:99)	(21.7)	(54.9)	(57.7)	(61.3)	(1.4)	35
Religion									
Hindu	65.4	52.3	62.5	41.1	59.9	58.3	65.1	12.5	2,723
Muslim	73.1	51.2	61.2	30.2	56.1	59.0	59.7	14.7	108
Christian	66.2	50.2	66.8	45.1	64.2	71.7	72.2	16.5	114
Caste/tribe									
Scheduled caste	67.1	51.5	60.7	40.4	60.9	61.2	63.4	12.1	837
Scheduled tribe	65.3	46.1	55.0	38.0	55.4	54.8	57.0	6.3	102
Other backward class	65.3	52.6	63.8	40.9	59.7	57.9	66.4	13.0	1,970
Other	(59.3)	(61.8)	(61.0)	(65.1)	(59.3)	(63.2)	(60.5)	(32.7)	30
Total	65.7	52.2	62.6	40.8	59.9	58.8	65.2	12.7	2,945
Note: Figures in parentheses are based on 25-49 unweighted cases. Total includes men who don't know their ca <sup>1</sup> Exposure to radio, television, or newspapers/magazines at least once a week or cinema at least once a month	based on 25-49 un newspapers/maga	weighted cases. To azines at least once	otal includes men who e a week or cinema at l	don't know their c east once a month	cludes men who don't know their caste/tribe, who are not shown separately. ek or cinema at least once a month	ot shown separately			

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

## 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, Tamil Nadu, 2019-21

		Urban			Rural			Total	
Behaviour	Male	Female	Total	Male	Female	Total	Male	Female	Total
Among those who had sexual intercourse in									
the past 12 months:									
Percentage who had two or more partners in									
the past 12 months	0.7	0.0	0.3	1.0	0.3	0.6	0.9	0.1	0.4
Percentage who had higher-risk intercourse in									
the past 12 months <sup>1</sup>	1.2	0.0	0.5	2.0	0.0	0.8	1.6	0.0	0.7
Percentage who had two or more partners and									
higher-risk intercourse in the past 12 months <sup>1</sup>	0.4	0.0	0.2	0.8	0.0	0.3	0.6	0.0	0.2
Number who had sexual intercourse in									
the past 12 months	730	1,015	1,745	837	1,244	2,081	1,567	2,259	3,826
Among those who have ever had sexual intercourse:									
Mean number of sexual partners in lifetime	1.6	1.7	1.7	1.9	2.9	2.5	1.8	2.4	2.1
Number who have ever had sexual intercourse	827	1,299	2,126	959	1,594	2,553	1,785	2,893	4,679
Among all men:									
Percentage who paid for sexual intercourse in									
the past 12 months	0.2	na	na	0.3	na	na	0.3	na	na
Number of men	1,435	na	na	1,564	na	na	2,999	na	na
Among women with a birth in the last 5 years									
who received ANC during pregnancy, percentage									
who were tested for HIV during ANC	na	51.1	na	na	56.0	na	na	53.9	na
Number of women with a birth in the last 5 years									
who received ANC during pregnancy	na	337	na	na	451	na	na	788	na
Percentage ever tested for HIV prior to NFHS-5	28.3	49.5	40.0	28.1	48.3	39.5	28.2	48.9	39.7
Percentage who have ever had a blood transfusion	15.8	8.3	11.7	12.7	10.8	11.6	14.2	9.7	11.7
Percentage who received any injection in	50.0	50.0	F.C. 4	F0 C	<b>CE 7</b>	c2 c	<b>F7</b> A	C1 F	F0 7
the past 12 months	56.0	56.8	56.4	58.6	65.7	62.6	57.4	61.5 4.5	59.7
Mean number of injections in the past 12 months	4.9	4.1	4.4	5.6	4.8	5.2	5.3		4.8
Number of respondents	1,435	1,760	3,195	1,564	2,033	3,598	2,999	3,794	6,793
Among those who received an injection in the									
past 12 months, percentage for whom for the									
last injection, a disposable syringe was used	94.0	97.9	96.1	93.7	97.3	95.8	93.8	97.6	96.0
Number who received an injection in									
the past 12 months	803	999	1,803	917	1,336	2,253	1,720	2,335	4,056

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, Tamil Nadu, 2019-21

		Urban			Rural			Total	
Knowledge and behaviour	Male	Female	Total	Male	Female	Total	Male	Female	Total
Knowledge									
Percentage with comprehensive knowledge about HIV/AIDS <sup>1</sup>	24.9	22.8	23.8	21.5	24.7	23.4	23.2	23.9	23.6
Percentage who know a condom source	88.9	55.9	71.6	90.0	54.1	69.0	89.4	54.9	70.2
Sexual behaviour									
Percentage who have ever had sexual intercourse	2.4	22.5	13.0	8.7	34.8	23.9	5.5	29.3	18.7
Percentage who had sexual intercourse before age 15	0.0	1.5	0.8	0.0	1.0	0.6	0.0	1.3	0.7
HIV testing, injections, and blood transfusion									
Percentage ever tested for HIV prior to NFHS-5	2.6	19.8	11.7	5.0	25.6	17.0	3.8	23.0	14.5
Percentage who have ever had a blood transfusion	14.6	4.8	9.5	9.7	6.6	7.9	12.2	5.8	8.6
Percentage who received any injection in the past 12 months	58.4	57.2	57.7	59.3	61.0	60.3	58.8	59.3	59.1
Mean number of injections in the past 12 months	3.5	3.2	3.3	4.3	3.7	3.9	3.9	3.5	3.6
Number age 15-24	415	459	874	399	559	958	814	1,018	1,832
Among those who received an injection in the past 12 months,									
percentage for whom a disposable syringe was used	93.6	98.5	96.2	91.0	98.4	95.4	92.3	98.5	95.7
Number who received an injection in the past 12 months	242	262	505	236	341	578	479	603	1,082
Among those who have ever had sexual intercourse,									
percentage who used a condom at first sexual intercourse	*	12.9	12.4	(12.3)	12.6	12.6	11.2	12.7	12.5
Number who have ever had sexual intercourse	10	107	118	37	201	238	47	309	356
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>	*	0.0	0.0	(18.8)	0.0	2.8	(16.1)	0.0	1.9
Number who had sexual intercourse in the past 12 months	5	84	89	31	178	208	36	261	297
Among the never married:									
Percentage who have never had sexual intercourse	99.8	98.6	99.3	97.2	100.0	98.6	98.6	99.3	98.9
Percentage who had sexual intercourse in the past 12 months	0.1	0.0	0.0	1.4	0.0	0.7	0.7	0.0	0.4
Number never married	406	357	762	372	356	728	778	713	1,491

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 p	ersons per 100,000 s	uffering from:
		Medically treated	
Age and sex	Tuberculosis <sup>1</sup>	tuberculosis <sup>2</sup>	residents
	UR	BAN	
Sex			
Female	212	212	23,226
Male	140	140	22,092
Age			
<15	226	226	9,024
15-59	151	151	29,771
60 and over	228	228	6,524
Cooking fuel			
Solid fuel <sup>3</sup>	152	152	2,248
Other fuel	178	178	43,071
Total <sup>4</sup>	177	177	45,319
	RU	IRAL	
Sex			
Female	195	183	25,917
Male	198	195	23,528
Age			
<15	309	301	10,748
15-59	159	152	31,055
60 and over	187	178	7,645
Cooking fuel			
Solid fuel <sup>3</sup>	251	235	11,786
Other fuel	179	174	37,662
Total <sup>4</sup>	196	188	49,448
	TC	TAL	
Sex			
Female	203	196	49,143
Male	170	168	45,620
Age			
<15	271	266	19,772
15-59	155	151	60,826
60 and over	206	201	14,169
Cooking fuel			
Solid fuel <sup>3</sup>	235	221	14,034
Other fuel	178	176	80,733
Total <sup>4</sup>	187	183	94,767

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, Tamil Nadu, 2019-21

<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> Total includes transgender respondents, who are not shown separately.

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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

				Among w	Among women who have heard of TB, percentage who:	ave heard who:	of TB,	-			Among	Among men who have heard of TB, percentage who:	ve heard c : who:	of TB,	
With have heard of TB         Number of TB         Coupling or secret         TB kept of TB         Heard of TB         Number of TB         Coupling or mission         Mission of TB           95.4         3,413         91.5         51.9         76.7         28.8         3,257         87.8         42.3         85.5         46.2           95.1         11,300         89.3         91.5         51.9         76.7         28.8         3,257         87.8         42.3         85.5         46.2           95.1         11,300         89.3         91.6         50.0         77.8         27.9         10,741         87.7         1,272         82.3         46.2           95.6         13,361         92.6         49.7         80.5         27.9         10,741         87.7         1,272         82.3         49.2           94.9         13,289         88.7         50.0         71.7         30.6         12,611         90.7         1,564         82.6         43.5           94.9         13,289         88.7         43.4         53.3         1,244         85.6         14.4         73.3         53.9           91.1         91.3         88.7         13.248         82.5         12,61		Percentage		Report that TB is spread through the air hv	Have mis- conceptions about	Believe that TR	Would want a family		Percentage of men			Have mis- conceptions about trans-	Believe that TR	Would want a family	Number of men
95.4         3,413         91.5         51.9         76.7         28.8         3,257         87.8         423         85.5         46.2           96.5         10,936         91.6         50.0         77.8         27.9         10,549         92.4         1,305         84.4         52.7           95.1         11,300         89.3         49.0         73.9         30.1         10,741         87.7         1,272         82.3         52.5           96.5         12,361         92.6         49.7         80.5         27.2         11,937         88.8         1,435         82.3         52.5           94.9         13,289         88.7         50.0         71.7         30.6         12,611         90.7         1,564         82.6         49.2           60mplete         93.7         2,427         83.4         43.4         53.3         1,244         86.6         114         73.3         53.9           complete         93.7         3,173         87.2         49.2         28.7         40.27         88.2         430         79.0         50.8           complete         95.7         4,203         89.6         68.2         1,244         86.6         114 </th <th>Background characteristic</th> <th>who have heard of TB</th> <th>Number of women</th> <th>coughing or sneezing</th> <th>transmission of TB<sup>1</sup></th> <th>can be cured</th> <th>TB kept secret</th> <th></th> <th>heard of TB</th> <th></th> <th></th> <th>mission of TB<sup>1</sup></th> <th>can be cured</th> <th>TB kept secret</th> <th>heard of TB</th>	Background characteristic	who have heard of TB	Number of women	coughing or sneezing	transmission of TB <sup>1</sup>	can be cured	TB kept secret		heard of TB			mission of TB <sup>1</sup>	can be cured	TB kept secret	heard of TB
95.5         10,736         91.6         50.0         778         27.9         10,741         87.7         1,272         84.4         52.7           95.1         11,300         89.3         91.6         50.0         778         27.9         10,741         87.7         1,272         82.4         52.5           95.1         11,300         89.3         92.6         73.8         27.2         11,937         88.8         1,435         85.0         54.5           94.9         13,289         88.7         50.0         71.7         30.6         12,611         90.7         1,564         82.5         49.2           94.9         13,289         88.7         50.0         71.7         30.6         12,611         90.7         1,564         82.6         49.2           complete         93.5         1,331         84.9         49.6         62.9         35.3         1,244         86.6         114         73.3         53.9           complete         93.7         3,173         87.2         28.7         4,028         90.7         56.3         82.1         50.8           complete         95.7         4,168         66.1         1,333         84.2         77	Age 15.10	05 A	3 113	ם ז ר	ה ק	76.7	78 8 2	3 757	87.8	ECV	л Х	76.7	78 0	0 TA	371
95.1       11,300       89.3       49.0       73.9       30.1       10,741       87.7       1,272       82.3       52.5         96.6       12,361       92.6       49.7       80.5       27.2       11,937       88.8       1,435       85.0       54.5         94.9       13,289       88.7       50.0       71.7       30.6       12,611       90.7       1,564       82.6       49.2         94.9       13,289       88.7       50.0       71.7       30.6       12,611       90.7       1,564       82.6       49.2         94.9       13,289       88.7       50.0       71.7       30.6       12,611       90.7       1,564       82.6       49.2         complete       93.1       2,427       83.4       43.4       58.1       1,244       86.6       114       73.3       53.9         complete       93.7       4,120       88.1       73.3       89.2       1,244       86.6       114       73.3       53.9         complete       93.7       4,120       88.1       73.3       89.2       74.07       89.6       50.8       50.8         revears       97.8       10,146       93.9       <	20-34	96.5	10,936	91.6	50.0	77.8	27.9	0,549 10,549	92.4	1,305	84.4	52.7	83.7	38.2	1,205
96.6         12,361         92.6         49.7         80.5         27.2         11,937         88.8         1,435         85.0         54.5           94.9         13,289         88.7         50.0         71.7         30.6         12,611         90.7         1,564         82.6         49.2           94.9         13,289         88.7         50.0         71.7         30.6         12,611         90.7         1,564         82.6         49.2           off         89.7         2,427         83.4         43.4         58.1         34.0         2,178         82.5         122.4         82.6         43.6           complete         93.7         3,173         84.9         49.6         68.2         29.8         2,973         80.5         43.0         50.8           complete         93.7         3,173         87.2         49.6         68.2         29.8         2,973         80.7         50.8         50.8           complete         95.7         4,209         89.6         44.1         73.7         28.7         4,028         90.7         56.3         82.1         52.4           ars complete         95.4         4,028         90.7         56.3 <t< td=""><td>35-49</td><td>95.1</td><td>11,300</td><td>89.3</td><td>49.0</td><td>73.9</td><td>30.1</td><td>10,741</td><td>87.7</td><td>1,272</td><td>82.3</td><td>52.5</td><td>81.9</td><td>39.3</td><td>1,116</td></t<>	35-49	95.1	11,300	89.3	49.0	73.9	30.1	10,741	87.7	1,272	82.3	52.5	81.9	39.3	1,116
$ \begin{array}{llllllllllllllllllllllllllllllllllll$	Residence														
94.9       13,289       88.7       50.0       71.7       30.6       12,611       90.7       1,564       82.6       49.2         ling       89.7       2,427       83.4       43.4       58.1       34.0       2,178       82.5       120       74.5       43.6         complete       93.5       1,331       84.9       49.6       62.9       35.3       1,244       86.6       114       73.3       53.9         complete       93.7       3,173       87.2       49.6       68.2       29.8       2,973       80.5       430       79.0       50.8         ocmplete       95.7       4,209       89.6       48.1       73.7       28.7       4,028       90.7       56.3       82.1       52.4         ars complete       95.7       4,364       91.3       49.2       77.2       28.7       4,028       90.7       56.3       82.1       52.4         ars complete       96.4       4,364       91.3       49.2       77.2       28.2       4,207       89.8       56.7       82.1       52.4         re vars       97.8       10,146       93.9       53.3       27.3       9,918       93.6       1,205	Urban	96.6	12,361	92.6	49.7	80.5	27.2	11,937	88.8	1,435	85.0	54.5	82.0	39.9	1,274
ling       89.7       2,427       83.4       43.4       58.1       34.0       2,178       82.5       120       74.5       43.6         complete       93.5       1,331       84.9       49.6       62.9       35.3       1,244       86.6       114       73.3       53.9         complete       93.7       3,173       87.2       49.6       68.2       29.8       2,973       80.5       430       79.0       50.8         complete       95.7       4,209       89.6       48.1       73.7       28.7       4,028       90.7       563       82.1       52.4         ars complete       96.4       4,364       91.3       49.2       77.2       28.7       4,028       90.7       563       82.1       52.4         ars complete       96.4       4,364       91.3       77.2       28.7       4,207       89.8       567       82.5       50.5         re years       10,146       93.9       52.3       84.2       27.3       9,918       93.6       1,205       88.1       52.7         e       97.0       1,409       90.2       93.6       2,776       83.3       51.8       50.4       50.4       5	Rural	94.9	13,289	88.7	50.0	71.7	30.6	12,611	90.7	1,564	82.6	49.2	82.3	38.5	1,418
ooling         89.7         2,427         83.4         43.4         58.1         34.0         2,178         82.5         120         74.5         43.6           s complete         93.5         1,331         84.9         49.6         62.9         35.3         1,244         86.6         114         73.3         53.9           rs complete         93.7         3,173         87.2         49.6         68.2         29.8         2,973         80.5         430         79.0         50.8           rs complete         95.7         4,209         89.6         48.1         73.7         28.7         4,028         90.7         563         82.1         52.4           rears complete         96.4         91.3         49.2         77.2         28.7         4,028         90.7         563         82.1         52.4           rears complete         96.4         91.3         49.2         77.2         28.7         4,207         89.8         567         82.1         52.4           rears complete         96.4         91.3         49.2         77.2         28.7         4,207         89.6         1,207         88.1         52.1           ore vers         97.8         10	Schooling														
s complete $93.5$ $1,331$ $84.9$ $49.6$ $62.9$ $35.3$ $1,244$ $86.6$ $114$ $73.3$ $53.9$ rs complete $93.7$ $3,173$ $87.2$ $49.6$ $68.2$ $29.8$ $2,973$ $80.5$ $430$ $79.0$ $50.8$ rs complete $95.7$ $4,209$ $89.6$ $48.1$ $73.7$ $28.7$ $4,028$ $90.7$ $563$ $82.1$ $52.4$ rears complete $96.4$ $91.3$ $49.2$ $77.2$ $28.7$ $4,028$ $90.7$ $563$ $82.1$ $52.4$ orer vears $96.4$ $91.3$ $49.2$ $77.2$ $28.2$ $4,207$ $89.8$ $567$ $82.5$ $50.5$ orer vears $97.8$ $10,146$ $93.9$ $52.3$ $84.2$ $27.3$ $9,918$ $93.6$ $1,205$ $88.1$ $52.7$ orer vears $97.6$ $10,146$ $93.9$ $52.3$ $93.6$ $1,205$ $88.1$ $52.7$ orer vears $97.6$ $23.316$ $90.2$ $23.2$	No schooling	89.7	2,427	83.4	43.4	58.1	34.0	2,178	82.5	120	74.5	43.6	73.8	52.5	66
Irs complete 93.7 3,173 87.2 49.6 68.2 29.8 2,973 80.5 430 79.0 50.8 ris complete 95.7 4,209 89.6 48.1 73.7 28.7 4,028 90.7 563 82.1 52.4 ears complete 96.4 4,364 91.3 49.2 77.2 28.2 4,207 89.8 567 82.5 50.5 nore years 97.8 10,146 93.9 52.3 84.2 27.3 9,918 93.6 1,205 88.1 52.7 ete 95.6 23,316 90.2 49.7 75.3 29.2 22,286 89.6 2,776 83.3 51.8 n 97.0 1,409 94.1 53.9 83.3 24.7 1,367 90.4 115 88.5 61.2 nore nore 97.0 1,409 94.1 53.9 83.3 24.7 1,367 90.4 115 88.5 33.8 nore nore nore nore nore nore nore nore	<5 years complete	93.5	1,331	84.9	49.6	62.9	35.3	1,244	86.6	114	73.3	53.9	72.0	43.7	66
Irs complete 95.7 4,209 89.6 48.1 73.7 28.7 4,028 90.7 563 82.1 52.4 ears complete 96.4 4,364 91.3 49.2 77.2 28.2 4,207 89.8 567 82.5 50.5 nore years 97.8 10,146 93.9 52.3 84.2 27.3 9,918 93.6 1,205 88.1 52.7 ete 95.6 23,316 90.2 49.7 75.3 29.2 22,286 89.6 2,776 83.3 51.8 n 97.0 1,409 94.1 53.9 83.3 24.7 1,367 90.4 115 88.5 61.2 n 30.8 n 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	5-7 years complete	93.7	3,173	87.2	49.6	68.2	29.8	2,973	80.5	430	79.0	50.8	76.3	35.8	346
rears complete         96.4         4,364         91.3         49.2         77.2         28.2         4,207         89.8         567         82.5         50.5           nore years         97.6         10,146         93.9         52.3         84.2         27.3         9,918         93.6         1,205         88.1         52.7           ete         97.6         23,316         90.2         49.7         75.3         29.2         22,286         89.6         2,776         83.3         51.8           i         96.9         902         93.6         45.5         80.4         29.7         874         92.6         108         88.5         61.2           in         97.0         1,409         94.1         53.9         83.3         24.7         1,367         90.4         115         88.5         61.2	8-9 years complete	95.7	4,209	89.6	48.1	73.7	28.7	4,028	90.7	563	82.1	52.4	79.0	40.8	511
Dore years         Dore years         97.8         10,146         93.9         52.3         84.2         27.3         9,918         93.6         1,205         88.1         52.7           ete         95.6         23,316         90.2         49.7         75.3         29.2         22,286         89.6         2,776         83.3         51.8           n         96.9         902         93.6         45.5         80.4         29.7         874         92.6         108         88.5         61.2           an         97.0         1,409         94.1         53.9         83.3         24.7         1,367         90.4         115         88.5         30.8	10-11 years complete	96.4	4,364	91.3	49.2	77.2	28.2	4,207	89.8	567	82.5	50.5	83.1	41.3	510
95.6 23,316 90.2 49.7 75.3 29.2 22,286 89.6 2,776 83.3 51.8 96.9 902 93.6 45.5 80.4 29.7 874 92.6 108 88.5 61.2 97.0 1,409 94.1 53.9 83.3 24.7 1,367 90.4 115 88.5 39.8	12 or more years complete	97.8	10,146	93.9	52.3	84.2	27.3	9,918	93.6	1,205	88.1	52.7	86.6	36.9	1,128
95.6         23,316         90.2         49.7         75.3         29.2         22,286         89.6         2,776         83.3         51.8           n         96.9         902         93.6         45.5         80.4         29.7         874         92.6         108         88.5         61.2           an         97.0         1,409         94.1         53.9         83.3         24.7         1,367         90.4         115         88.5         39.8	Religion														
96.9 902 93.6 45.5 80.4 29.7 874 92.6 108 88.5 61.2 97.0 1,409 94.1 53.9 83.3 24.7 1,367 90.4 115 88.5 39.8	Hindu	92.6	23,316	90.2	49.7	75.3	29.2	22,286	89.6	2,776	83.3	51.8	81.9	39.2	2,488
97.0 1,409 94.1 53.9 83.3 24.7 1,367 90.4 115 88.5 39.8	Muslim	96.9	902	93.6	45.5	80.4	29.7	874	92.6	108	88.5	61.2	87.5	41.1	100
	Christian	97.0	1,409	94.1	53.9	83.3	24.7	1,367	90.4	115	88.5	39.8	84.4	37.2	104

Table 87 Knowledge and attitudes toward tuberculosis-Continued

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

			Among v	Among women who have heard of TB, percentage who:	ve heard vho:	of TB,				Among	Among men who have heard of TB, percentage who:	ive heard c 2 who:	of TB,	
			Report that			Would				Report that	Have mis-		Would	
			TB is spread	Have mis-		want a	Number	Percentage	_		0		want a	Number
	Percentage		through the	through the conceptions	Believe	family	of women	of men				Believe	family	of men
	of women		air by	about	that TB	member's		who have		air by	trans-	that TB	member's	who have
Background	who have	Number	coughing or	coughing or transmission	can be	TB kept	heard	heard	Number	coughing or	mission	can be	TB kept	heard
characteristic	heard of TB	of women	sneezing	of TB <sup>1</sup>	cured	secret	of TB	of TB	of men	sneezing	of TB <sup>1</sup>	cured	secret	of TB
Caste/tribe														
Scheduled caste	95.6	7,315	90.1	51.4	72.5	30.5	6,992	90.2	852	85.1	54.4	85.9	35.4	769
Scheduled tribe	94.9	545	87.8	48.7	63.3	33.6	518	93.5	105	86.9	40.6	82.2	45.6	98
Other backward class	95.8	17,233	91.0	49.3	77.8	28.2	16,514	89.6	2,006	83.0	51.4	80.4	40.7	1,797
Other	94.0	490	85.5	47.2	77.1	27.0	460	(84.1)	31	(78.2)	(33.5)	(87.6)	(21.8)	26
Don't know	96.8	67	88.6	36.2	73.9	22.1	64	*	9	*	*	*	*	£
Total	95.7	25,650	90.6	49.8	75.9	29.0	24,548	89.8	2,999	83.7	51.7	82.2	39.2	2,692
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 and men belonging to other religions, who are not shown separately.	es are based o not shown ser transmission	in 25-49 unwe parately. of TB include	eighted cases. Ar that it can be spi	n asterisk indical read by sharing (	es that a fi tensils, bγ	igure is base / touching a p	d on fewer th oerson with TE	an 25 unweig 8, through foo	thted cases a	isk indicates that a figure is based on fewer than 25 unweighted cases and has been suppressed. Total includes women and men belonging y sharing utensils, by touching a person with TB, through food, through sexual contact, through mosquito bites, or through any other means	ppressed. Tota through mosqu	I includes v ito bites, or	vomen and m r through any	en belonging other means

## Table 88 Health insurance coverage among women and men

Percentage of women and men age 15-49 who are covered by a health insurance	e/financing
scheme, by background characteristics, Tamil Nadu, 2019-21	

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
Age				
15-19	28.6	3,413	37.0	423
20-24	27.3	3,557	41.2	391
25-34	27.9	7,379	50.0	913
35-49				
Residence				
Urban	29.5	12,361	47.0	1,435
Rural	35.6	13,289	50.0	1,564
Schooling				
No schooling	39.2	2,427	55.4	120
<5 years complete	43.7	1,331	50.9	114
5-7 years complete	32.9	3,173	51.0	430
8-9 years complete	34.6	4,209	46.2	563
10-11 years complete	31.0	4,364	44.7	567
12 or more years complete	29.4	10,146	49.7	1,205
Religion				
Hindu	33.3	23,316	49.3	2,776
Muslim	21.6	902	45.1	108
Christian	27.9	1,409	33.7	115
Caste/tribe				
Scheduled caste	34.6	7,315	49.6	852
Scheduled tribe	32.2	545	26.9	105
Other backward class	31.9	17,233	49.7	2,006
Other	31.5	490	(17.4)	31
Don't know	16.6	67	*	6
Total age 15-49	32.6	25,650	48.6	2,999
Age 50-54	na	na	59.2	373
Total age 15-54	na	na	49.7	3,372

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 and men belonging to other religions, who are not shown separately.

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/financing scheme coverage, according to residence, Tamil Nadu, 2019-21

	Resi	dence	_
Source	Urban	Rural	Total
Public health sector	55.1	74.0	65.0
Government/municipal hospital	31.0	29.9	30.5
Government dispensary	0.5	0.4	0.4
UHC/UHP/UFWC	6.8	1.9	4.3
CHC/rural hospital/block PHC	3.2	7.0	5.1
PHC/additional PHC	13.2	34.4	24.2
Sub-centre	0.1	0.4	0.2
Vaidya/hakim/homeopath (AYUSH)	0.1	0.0	0.0
ASHA	0.0	0.0	0.0
Government mobile clinic	0.1	0.0	0.1
Other public health sector	0.1	0.0	0.0
NGO or trust hospital/clinic	0.2	0.1	0.2
Private health sector	44.2	25.5	34.4
Private hospital	32.9	18.6	25.5
Private doctor/clinic	10.8	6.7	8.6
Private paramedic	0.2	0.2	0.2
Vaidya/hakim/homeopath (AYUSH)	0.1	0.0	0.0
Traditional healer	0.0	0.0	0.0
Dai (TBA)	0.1	0.0	0.0
Other private health sector	0.1	0.0	0.1
Other source	0.1	0.2	0.1
Shop	0.0	0.0	0.0
Home treatment	0.0	0.1	0.1
Other	0.1	0.0	0.1
Total	100.0	100.0	100.0
Health insurance			
Percentage of households in which at least one usual member is covered by a health insurance/financing scheme	61.1	71.4	66.5
covered by a health insurance/infancing scheme	01.1	/1.4	00.5
Number of households	13,371	14,558	27,929
Type of coverage among households in which at least one usual			
member is covered by a health insurance/financing scheme	0.1	2.2	ГЭ
Employees' State Insurance Scheme (ESIS)	8.1	3.2	5.3
Central Government Health Scheme (CGHS)	16.3	16.3	16.3
State health insurance scheme	78.5 0.3	90.2 0.2	85.1 0.3
Rashtriya Swasthya Bima Yojana (RSBY)	0.3		
Community health insurance programme	0.2 3.5	0.1 1.0	0.2 2.1
Other health insurance through employer		0.3	
Medical reimbursement from employer	1.6		0.8
Other privately purchased commercial health insurance Other	4.2 0.8	0.8 0.2	2.3 0.5
outer	0.0	0.2	0.5
Number of households	8,173	10,395	18,568

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

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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, Tamil Nadu, 2019-21

		Number	Number of women per 100,000	100,000				Numbe	Number of men per 100,000	00,000		
			Goitre or other thyroid	Any heart		Number of			Goitre or other thyroid	Any heart		Number of
Background characteristic	Diabetes	Asthma	disorder	disease	Cancer	women	Diabetes	Asthma	disorder	disease	Cancer	men
Age												
15-19	191	776	1,235	383	51	3,413	959	913	175	0	0	423
20-34	908	1,178	4,416	305	69	10,936	823	364	215	118	41	1,305
35-49	5,637	1,954	4,606	926	203	11,300	4,885	655	614	1,049	97	1,272
Residence												
Urban	3,489	1,533	4,652	594	104	12,361	2,830	483	256	383	0	1,435
Rural	2,345	1,405	3,540	585	145	13,289	2,322	640	491	600	113	1,564
Schooling												
No schooling	4,224	1,602	2,457	713	275	2,427	3,223	0	0	411	0	120
<5 years complete	3,738	1,480	3,661	1,721	49	1,331	3,712	254	0	647	0	114
5-7 years complete	4,928	2,057	4,999	915	219	3,173	3,382	473	120	723	0	430
8-9 years complete	3,448	1,609	4,073	733	86	4,209	4,036	1,058	693	885	120	563
10-11 years complete	2,594	1,481	3,453	563	203	4,364	1,892	709	0	106	98	567
12 or more years complete	1,734	1,182	4,499	261	54	10,146	1,729	385	575	412	44	1,205
Marital status												
Never married	302	825	1,452	387	65	5,549	764	469	305	0	0	1,161
Currently married	3,436	1,597	4,870	565	116	18,472	3,778	611	434	826	98	1,801
Widowed/divorced/												
separated/deserted	5,616	2,167	4,009	1,545	440	1,629	(0)	(1,323)	(0)	(0)	(0)	37
Religion												
Hindu	2,787	1,434	4,048	582	128	23,316	2,624	531	382	536	64	2,776
Muslim	4,586	668	2,925	801	260	902	2,496	0	0	0	0	108
Christian	3,662	2,537	5,346	576	0	1,409	1,192	1,906	652	0	0	115
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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, Tamil Nadu, 2019-21

		Number	Number of women per 100,000	- 100,000				Numb	Number of men per 100,000	100,000		
			Goitre or other thvroid	Anv heart		Number of			Goitre or other thvroid	Anv heart		Number of
Background characteristic	Diabetes	Asthma	disorder		Cancer	women	Diabetes	Asthma	disorder		Cancer	men
Caste/tribe												
Scheduled caste	2,700	1,387	4,039	670	133	7,315	2,795	573	492	908	0	852
Scheduled tribe	2,365	1,326	3,441	840	0	545	2,948	0	0	0	0	105
Other backward class	3,008	1,467	4,128	556	131	17,233	2,494	601	357	356	88	2,006
Other	1,999	2,214	4,047	335	0	490	(o)	(0)	(0)	(0)	(0)	31
Don't know	6,444	5,747	0	0	0	67	*	*	*	*	*	9
Total age 15-49	2,896	1,466	4,076	589	126	25,650	2,565	565	378	496	59	2,999
Age 50-54	na	na	na	na	па	na	12,701	2,493	1,081	1,794	0	373
Total age 15-54	па	na	па	na	na	па	3,686	778	456	640	52	3,372
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 and men belonging to other religions, who are not shown separately. na = Not applicable	e based on 25- s, who are not:	49 unweighte shown separa	ed cases. An asté itely.	erisk indicates <sup>1</sup>	that a figure	is based on fev	wer than 25 u	nweighted ca	ses and has bee	n suppressed.	Fotal include	s women and

### 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, Tamil Nadu, 2019-21

	Type of	screening test fo	r women	- Number of	Oral cavity screening test	Number of
Background characteristic	Cervix	Breast	Oral cavity	women	for men	men
Age						
15-19	1.0	0.5	0.2	3,307	2.2	413
20-24	3.4	1.1	0.4	3,454	1.3	380
25-29	6.3	3.0	1.0	3,608	1.5	439
30-34	8.9	4.6	0.8	3,574	1.1	446
35-39	9.6	5.8	1.2	3 <i>,</i> 855	0.8	459
40-44	11.5	6.8	1.5	3,494	0.5	410
45-49	10.4	6.0	1.5	3,616	0.3	371
Residence						
Urban	7.6	4.3	1.1	11,774	1.1	1,371
Rural	7.2	3.8	0.9	13,136	1.1	1,548
Schooling						
No schooling	8.4	4.9	1.0	2,375	0.0	116
<5 years complete	11.4	7.1	1.3	1,315	1.1	114
5-7 years complete	10.1	5.3	1.7	3,123	0.7	416
8-9 years complete	7.9	4.9	0.9	4,115	0.9	546
10-11 years complete	6.5	3.2	0.8	4,264	1.4	557
12 or more years complete	5.9	3.0	0.7	9,718	1.4	1,169
Religion						
Hindu	7.3	4.1	1.0	22,722	1.2	2,715
Muslim	8.6	4.2	0.9	835	0.0	95
Christian	8.4	3.2	0.8	1,338	0.0	109
Caste/tribe						
Scheduled caste	8.2	4.7	1.2	7,152	1.1	844
Scheduled tribe	4.9	3.7	0.7	539	0.0	104
Other backward class	7.2	3.8	0.9	16,688	1.2	1,935
Other	4.9	2.4	0.4	468	(0.0)	31
Don't know	10.5	10.5	4.4	64	*	5
Total	7.4	4.0	1.0	24,910	1.1	2,919

Note: Table excludes women and men who did not complete an individual interview. 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 and men belonging to other religions, who are not shown separately.

Table 92.1 Blood pressure status: Women	e status: Wome	ua							
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, Tamil Nadu, 2019-21	9, prevalence o by background	ıf hypertension, pe characteristics, Ta	ercent distribution o imil Nadu, 2019-21	f blood pressure	values, and perce	ntage having norm	al blood pre	essure and taking	medication
		Normal	Pre-hypertensive		Hypertensive			Percentage with normal blood pressure	
Background characteristic	Prevalence of hypertension <sup>1</sup>	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	Total	and taking medicine to lower blood pressure	Number of women
Δαρ									
15-19	2.7	81.7	15.9	1.7	0.5	0.1	100.0	0.3	3,278
20-24	4.5	75.2	21.3	2.8	0.5	0.1	100.0	0.8	3,418
25-29	6.1	69.4	25.7	4.0	0.7	0.2	100.0	0.7	3,587
30-34	9.4	60.4	31.6	6.6	1.0	0.3	100.0	0.7	3,556
35-39	14.3	49.2	37.8	10.2	2.0	0.8	100.0	0.4	3,828
40-44	21.8	40.1	41.3	14.1	3.0	1.4	100.0	1.3	3,473
45-49	27.9	32.2	43.8	17.6	4.8	1.6	100.0	1.3	3,591
Residence									
Urban	13.4	56.4	32.1	8.6	2.1	0.8	100.0	0.8	11,640
Rural	11.7	59.3	30.6	8.0	1.6	0.6	100.0	0.8	13,090
Schooling									
No schooling	21.0	40.7	40.1	14.8	3.2	1.2	100.0	0.6	2,369
<5 years complete	21.5	42.4	38.4	15.3	2.9	1.0	100.0	1.0	1,314
5-7 years complete	18.8	44.8	39.6	12.4	2.4	0.7	100.0	1.5	3,107
8-9 years complete	13.2	55.8	32.6	9.1	1.7	0.7	100.0	0.7	4,104
10-11 years complete	9.6	65.2	26.9	5.9	1.3	0.7	100.0	0.8	4,224
12 or more years									
complete	8.2	66.2	27.0	5.0	1.4	0.4	100.0	0.6	9,612
Religion									
Hindu	12.4	58.3	31.0	8.3	1.8	0.6	100.0	0.8	22,563
Muslim	17.0	45.7	40.0	10.1	3.2	1.1	100.0	1.0	826
Christian	12.2	58.9	31.0	7.4	1.6	1.0	100.0	0.8	1,327
								ŭ	Continued

Table 92.1 Blood pressure status: Women—Continued	<u>re status: Wome</u>	<u>sn—Continued</u>							
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, Tamil Nadu, 2019-21	49, prevalence o , by background	<pre> f hypertension, p( characteristics, Te </pre>	ercent distribution o amil Nadu, 2019-21	of blood pressure	values, and perce	ntage having norn	nal blood pre	essure and taking	medication
		Normal	Pre-hypertensive		Hypertensive			Percentage with normal blood pressure	
		SBP <120	SBP 120-139	Stage 1: SBP 140-159	Stage 2: SBP 160-179	Stage 3: SBP ≥180		and taking medicine to	
Background characteristic	Prevalence of mmHg and hvpertension <sup>1</sup> <80 mml	mmHg and DBP <80 mmHg	mmHg or DBP 80-89 mmHg	mmHg or DBP 90-99 mmHg	mmHg or DBP 100-109 mmHg	mmHg or DBP ≥110 mmHg	Total	lower blood pressure	Number of women
								-	
Caste/tribe									
Scheduled caste	13.2	59.0	29.7	8.7	1.8	0.9	100.0	0.8	7,130
Scheduled tribe	17.9	52.5	30.1	15.0	2.2	0.2	100.0	0.0	538
Other backward class	12.1	57.7	32.1	7.9	1.8	0.6	100.0	0.8	16,548
Other	11.8	57.7	31.1	8.1	2.0	1.0	100.0	0.5	452
Don't know	17.8	43.8	39.6	16.6	0.0	0.0	100.0	0.0	62
Total	12.5	57.9	31.4	8.3	1.8	0.7	100.0	0.8	24,730
Note: Total includes women belonging to other religions, who are not shown separately. SBP = Systolic blood pressure; DBP = Diastolic blood pressure	n belonging to oth Ire; DBP = Diastolic	ter religions, who are blood pressure	e not shown separately	۰, ۱,					
A woman is classified as naving hypertension if she has SBP 2140 mmHg or UBP 290 mmHg at the time of the survey, of 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	naving nyperterisi sision as used in th	ים אשכ הוו sne nas. בי ⊲ם his table is not mean	3BP 2140 mmHg or UBP 230 mmHg at the time of the survey, of she is currently taking antinypertensive medication to control blood t 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	umme at the urm sis of the disease, l	e of the survey, or si but rather to provide	an indication of the station	g antinyperter disease burde	asive medication to en in the population	control plouu at the time of

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	sure 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, Tamil Nadu, 2019-21	49, prevalence c lood pressure, b	of hypertension, p y background cha	bercent distribution racteristics, Tamil N	i of blood pressi Jadu, 2019-21	ure values, and p	ercentage havin <sub>i</sub>	g normal	blood pressure	and taking
		Normal	Pre-hypertensive		Hypertensive			Percentage with normal blood pressure	
Background characteristic	Prevalence of hypertension <sup>1</sup>	SBP <120 Prevalence of mmHg and DBP hypertension <sup>1</sup> <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	Total	and taking medicine to lower blood pressure	Number of men
Age									
15-19	7.1	53.1	40.2	5.0	1.6	0.0	100.0	0.4	401
20-24	15.2	44.1	42.0	11.7	1.3	0.9	100.0	1.0	375
25-29	16.9	32.0	51.5	11.4	3.0	2.1	100.0	0.0	432
30-34	21.4	27.1	52.1	16.4	3.1	1.2	100.0	0.0	440
35-39	30.7	18.9	51.7	22.6	4.4	2.4	100.0	0.3	449
40-44	34.7	16.5	49.8	25.8	5.7	2.2	100.0	0.2	407
45-49	42.7	19.7	40.0	27.0	9.8	3.5	100.0	1.5	370
Residence									
Urban	24.2	29.9	47.1	16.4	5.0	1.5	100.0	0.8	1,346
Rural	23.8	30.0	47.1	17.7	3.3	2.0	100.0	0.2	1,527
Schooling									
No schooling	32.4	17.9	51.1	18.0	9.8	3.3	100.0	0.0	116
<5 years complete	26.5	30.7	42.8	20.2	6.3	0.0	100.0	0.0	113
5-7 years complete	29.6	22.5	49.2	21.3	4.7	2.2	100.0	0.0	411
8-9 years complete	28.2	32.3	40.5	19.4	5.3	2.5	100.0	0.7	537
10-11 years complete		32.8	48.7	14.7	3.0	0.8	100.0	0.4	548
12 or more years									
complete	21.1	31.3	48.6	15.2	3.1	1.7	100.0	0.6	1,148
Religion									
Hindu	23.8	30.0	47.3	17.0	4.1	1.6	100.0	0.5	2,673
Muslim	23.2	33.4	43.4	15.8	1.3	6.1	100.0	0.0	94
Christian	29.0	25.9	46.3	21.1	6.0	0.7	100.0	0.0	106
								Col	Continued

Table 92.2 Blood pressure status: Men—Continued	ure 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, Tamil Nadu, 2019-21	9, prevalence of ood pressure, by	f hypertension, p / background chai	bercent distribution racteristics, Tamil N	n of blood pressi ladu, 2019-21	ure values, and p	ercentage havin <sub>i</sub>	g normal	blood pressure	and taking
		Normal	Pre-hypertensive		Hypertensive			Percentage with normal blood pressure	
Background characterictic	Prevalence of humartansion <sup>1</sup>	SBP <120 SBP <120 Prevalence of mmHg and DBP bymetransion1 <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	Total	and taking medicine to lower blood	Number of men
			0	0	0	0	50	2	5
Caste/tribe Scheduled caste	23.5	32.1	45.6	17.8	3.2	1.3	100.0	0.4	835
Scheduled tribe	35.1	23.2	41.7	22.2	5.4	7.5	100.0	0.0	104
Other backward class	23.5	29.4	48.1	16.6	4.3	1.5	100.0	0.5	1,900
Other	(27.1)	(30.0)	(42.9)	(13.0)	(11.7)	(2.4)	100.0	(0.0)	31
Total age 15-49	24.0	30.0	47.1	17.1	4.1	1.8	100.0	0.5	2,873
Age 50-54	39.4	17.1	47.3	25.5	7.1	3.1	100.0	0.9	357
Total age 15-54	25.7	28.5	47.1	18.0	4.4	1.9	100.0	0.5	3,230
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. SBP = Systolic blood pressure; DBP = Diastolic blood 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 survey.	ses are based on 2 ure; DBP = Diastol ing hypertension i used in this table	:5-49 unweighted c. ic blood pressure if he has SBP ≥140 π is not meant to be	ases. Total includes m nmHg or DBP ≥90 mm a clinical diagnosis of	en who don't know Hg at time of survey the disease, but ra	r their caste/tribe, w y, or he is currently t ther to provide an ir	/ho are not shown : aking antihyperten: ndication of the dise	separately. sive medic: ease burde	ation to control blo n in the populatior	od pressure. 1 at the time

# Table 93.1 Random blood glucose levels: Women

					Percentage with normal blood glucose levels and taking	Percentage with >140 mg/dl blood glucose levels or taking	
	Randon	n blood glucos	e values		medicine to	medicine to	
Background characteristic	≤140 mg/dl (normal)	141-160 mg/dl (high)	>160 mg/dl (very high)	Total	lower their blood glucose level	lower their blood glucose level	Number of women
Age							
15-19	97.2	1.9	0.9	100.0	0.2	3.0	3,258
20-24	96.0	2.5	1.5	100.0	0.4	4.4	3,396
25-29	94.6	3.2	2.3	100.0	1.1	6.5	3,561
30-34	89.1	5.8	5.1	100.0	0.5	11.4	3,527
35-39	87.6	5.4	7.0	100.0	0.8	13.2	3,784
40-44	81.0	8.2	10.8	100.0	1.1	20.1	3,413
45-49	76.5	9.0	14.5	100.0	1.5	25.0	3,520
Residence							
Urban	87.2	5.7	7.1	100.0	0.9	13.7	11,454
Rural	90.1	4.7	5.2	100.0	0.7	10.6	13,004
Schooling							
No schooling	85.4	6.6	8.1	100.0	1.0	15.7	2,340
<5 years complete	82.0	9.2	8.8	100.0	1.0	19.0	1,298
5-7 years complete	84.4	6.4	9.2	100.0	1.0	16.7	3,081
8-9 years complete	86.3	5.9	7.8	100.0	1.1	14.8	4,063
10-11 years complete	90.5	4.5	5.0	100.0	0.6	10.1	4,179
12 or more years complete	92.2	3.9	3.9	100.0	0.6	8.4	9,497
Religion							
Hindu	88.9	5.1	5.9	100.0	0.8	11.9	22,325
Muslim	88.3	4.8	6.9	100.0	0.5	12.3	813
Christian	85.8	6.4	7.7	100.0	0.4	14.5	1,307
Caste/tribe							
Scheduled caste	89.7	4.7	5.6	100.0	0.8	11.1	7,056
Scheduled tribe	86.8	6.6	6.6	100.0	0.8	14.0	537
Other backward class	88.4	5.4	6.2	100.0	0.8	12.4	16,365
Other	89.0	4.4	6.7	100.0	2.3	13.3	438
Don't know	85.7	4.9	9.3	100.0	0.0	14.3	62
Total	88.7	5.2	6.1	100.0	0.8	12.1	24,458

Among women age 15-49, percent distribution of random blood glucose values, by background characteristics, Tamil Nadu, 2019-21

Note: Total includes women belonging to other religions, who are not shown separately.

# Table 93.2 Random blood glucose levels: Men

Among men age 15-49, percent distribution of random blood	glucose values, by background characteristics, Tamil Nadu, 2019-21

	Bandor	n blood glucos	e values		Percentage with normal blood glucose levels and taking	>140 mg/dl blood glucose levels or taking	
-		-			medicine to	medicine to	Mussele eu
Background characteristic	≤140 mg/dl (normal)	141-160 mg/dl (high)	>160 mg/dl (very high)	Total	lower their blood glucose level	lower their blood glucose level	Number of men
Age							
15-19	97.0	1.7	1.3	100.0	0.4	3.4	399
20-24	94.0	4.2	1.9	100.0	1.3	7.4	371
25-29	91.9	5.4	2.8	100.0	0.2	8.4	421
30-34	90.4	5.4	4.2	100.0	0.2	10.4	436
35-39	81.9	7.0	11.1	100.0	0.9	19.0	438
40-44	79.0	8.6	12.3	100.0	1.0	22.0	398
45-49	75.9	7.5	16.6	100.0	5.7	29.8	351
Residence							
Urban	86.0	6.5	7.5	100.0	2.1	16.1	1,315
Rural	88.4	5.0	6.6	100.0	0.8	12.4	1,500
Schooling							
No schooling	79.6	8.9	11.5	100.0	1.0	21.4	111
<5 years complete	86.5	5.2	8.3	100.0	0.4	13.9	113
5-7 years complete	83.0	7.7	9.3	100.0	1.6	18.6	401
8-9 years complete	87.4	4.0	8.6	100.0	2.7	15.3	523
10-11 years complete	87.2	6.5	6.3	100.0	0.7	13.5	543
12 or more years complete	89.6	5.1	5.3	100.0	1.2	11.5	1,124
Religion							
Hindu	87.1	5.9	7.0	100.0	1.4	14.3	2,622
Muslim	93.7	1.9	4.4	100.0	0.0	6.3	88
Christian	86.2	4.2	9.6	100.0	1.6	15.4	104
Caste/tribe							
Scheduled caste	85.9	5.1	9.0	100.0	1.1	15.2	824
Scheduled tribe	86.7	10.0	3.3	100.0	0.0	13.3	96
Other backward class	87.8	5.8	6.4	100.0	1.6	13.8	1,862
Other	(94.8)	(2.7)	(2.5)	100.0	(1.9)	(7.1)	30
Total age 15-49	87.3	5.7	7.0	100.0	1.4	14.1	2,814
Age 50-54	68.5	10.3	21.2	100.0	5.3	36.8	346
Total age 15-54	85.2	6.2	8.6	100.0	1.8	16.6	3,161

### 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, Tamil Nadu, 2019-21

		Women			Men	
Tobacco/alcohol use	Urban	Rural	Total	Urban	Rural	Tota
Use of tobacco/alcohol						
Smokes cigarettes	0.0	0.0	0.0	14.2	13.4	13.8
Smokes bidis	0.0	0.0	0.0	4.3	3.3	3.8
Smokes cigars or pipe	0.0	0.0	0.0	4.5 1.4	1.5	1.5
Smokes hookah	0.0	0.1	0.1	0.4	1.5	0.8
Chews gutkha or paan masala with tobacco	0.0	0.1	0.0	3.2	3.1	3.2
Uses khaini	0.1	0.3	0.2	1.0	1.4	1.2
Chews <i>paan</i> with tobacco	0.0	0.0	0.0	1.0	2.5	2.1
•	0.1	0.4	0.3	0.1	0.8	0.5
Uses other chewing tobacco Uses snuff	0.2					0.5
Uses other tobacco product	0.1	0.0 0.0	0.1 0.0	0.0 0.1	0.2 0.0	0.1
Uses other tobacco product	0.0	0.0	0.0	0.1	0.0	0.1
Jses any type of tobacco	0.5	1.6	1.1	18.8	20.7	19.8
Drinks alcohol	0.1	0.1	0.1	28.7	36.5	32.8
Number of respondents	12,361	13,289	25,650	1,435	1,564	2,999
Among those who smoke cigarettes, number						
of cigarettes smoked in the past 24 hours						
<5	*	*	*	76.1	66.8	71.4
5-9	*	*	*	16.6	23.7	20.2
10-14	*	*	*	3.8	3.6	3.7
15-24	*	*	*	0.4	0.4	0.4
25 or more	*	*	*	0.4	0.0	0.2
Missing	*	*	*	2.7	5.3	4.1
Total	100.0	100.0	100.0	100.0	100.0	100.0
Number of cigarette smokers	3	2	5	204	210	415
Among those who smoke <i>bidis,</i> number of						
bidis smoked in the past 24 hours	*		*	27.2	25.4	24.0
<5	*	nc		37.2	25.4	31.8
5-9	*	nc	*	22.2	35.2	28.2
10-14		nc	*	30.3	18.6	24.9
15-24	*	nc	*	6.0	14.3	9.8
25 or more	*	nc	*	4.3	5.5	4.9
Missing	*	nc	*	0.0	0.9	0.4
otal	100.0	nc	100.0	100.0	100.0	100.0
Number of <i>bidi</i> smokers	1	0	1	61	52	113
						Continued

#### Table 94 Tobacco and alcohol use by women and men-Continued

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, Tamil Nadu, 2019-21

		Women			Men	
Tobacco/alcohol use	Urban	Rural	Total	Urban	Rural	Total
Among those who drink alcohol, frequency						
of drinking Almost every day	*	*	*	15.2	12.4	13.6
About once a week	*	*	*	46.4	53.8	50.7
Less than once a week	*	*	*	38.4	33.8	35.7
Total	100.0	100.0	100.0	100.0	100.0	100.0
Number who drink alcohol	9	13	22	412	572	984

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.

nc = No cases

### 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, Tamil Nadu, 2019-21

_		Т	ype of menst	rual protectio	n¹		– Percentage	
Background characteristic	Cloth	Locally prepared napkins	Sanitary napkins	Tampons	Menstrual cup	Nothing	using a hygienic method <sup>2</sup>	Number of women
Age								
15-19	12.1	18.5	87.4	0.1	0.2	0.0	98.7	3,413
20-24	13.1	16.1	87.2	0.2	0.2	0.0	98.0	3,557
Residence								
Urban	9.7	13.9	89.5	0.2	0.4	0.0	98.6	3,323
Rural	15.3	20.3	85.3	0.1	0.0	0.0	98.0	3,648
Schooling								
5-7 years complete	39.1	23.0	82.1	0.0	2.7	0.0	96.2	115
8-9 years complete	19.0	20.9	87.8	0.0	0.0	0.2	98.0	785
10-11 years complete	12.9	17.6	87.0	0.2	0.4	0.0	98.1	1,897
12 or more years complete	10.4	16.3	87.6	0.1	0.1	0.0	98.6	4,148
Religion								
Hindu	13.1	17.6	87.2	0.1	0.1	0.0	98.2	6,386
Muslim	5.5	14.7	89.0	0.1	0.2	0.0	99.0	240
Christian	8.6	13.6	88.1	0.0	2.8	0.0	99.2	342
Caste/tribe								
Scheduled caste	16.6	20.8	86.6	0.1	0.5	0.0	98.0	2,089
Scheduled tribe	29.5	17.1	79.6	0.0	0.0	0.0	94.1	171
Other backward class	10.3	16.0	87.6	0.2	0.1	0.0	98.5	4,549
Other	9.2	8.3	95.9	0.0	0.0	0.0	100.0	151
Total	12.6	17.3	87.3	0.1	0.2	0.0	98.3	6,971

Note: Table is based on women age 15-24 who have ever menstruated. Total includes women with no schooling or less than 5 years of schooling, women belonging to other religions, and women who don't know their caste/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, Tamil Nadu, 2019-21

	Percentage employed	_		ercent distr espondents			,	_	of em	istribution ployed ts by sector		Number of
Age	in the past	Number of respondents	Cash only	Cash and in-kind	In-kind only	Not paid	Missing	Total	Agriculture	Non- agriculture	Total	employed respondents
					WC	MEN						
15-19	9.7	494	(89.1)	(0.0)	(3.0)	(7.9)	(0.0)	100.0	(2.1)	(97.9)	100.0	48
20-24	29.9	524	93.5	2.6	1.7	2.1	0.0	100.0	8.2	91.8	100.0	157
25-29	34.8	564	91.8	5.3	0.2	2.6	0.0	100.0	11.7	88.3	100.0	196
30-34	48.5	562	88.1	5.2	1.6	5.1	0.0	100.0	10.2	89.8	100.0	272
35-39	60.2	636	91.3	4.8	1.1	2.8	0.0	100.0	16.6	83.4	100.0	383
40-44	53.9	500	90.7	5.3	1.2	2.8	0.0	100.0	17.5	82.5	100.0	270
45-49	57.8	513	89.8	5.8	1.1	3.3	0.0	100.0	11.0	89.0	100.0	296
Total	42.8	3,794	90.6	4.8	1.2	3.3	0.0	100.0	12.8	87.2	100.0	1,622
					Ν	IEN						
15-19	27.9	423	92.7	1.9	2.1	3.3	0.0	100.0	15.5	84.5	100.0	118
20-24	65.9	391	95.7	1.1	0.2	3.0	0.0	100.0	10.5	89.5	100.0	258
25-29	93.7	443	94.7	4.7	0.0	0.6	0.0	100.0	12.2	87.8	100.0	415
30-34	98.4	470	96.3	2.5	0.2	1.0	0.0	100.0	13.9	86.1	100.0	463
35-39	98.8	471	93.8	4.1	0.4	1.7	0.0	100.0	18.3	81.7	100.0	465
40-44	98.4	416	94.3	3.9	0.2	1.6	0.0	100.0	22.7	77.3	100.0	409
45-49	97.9	385	92.7	5.3	0.1	1.9	0.0	100.0	30.2	69.8	100.0	377
Total	83.5	2,999	94.5	3.6	0.3	1.6	0.0	100.0	18.1	81.9	100.0	2,505
Age 50-54	98.1	373	95.0	3.8	0.0	1.2	0.0	100.0	31.9	68.1	100.0	366
Total age 15-54	85.1	3,372	94.5	3.7	0.2	1.6	0.0	100.0	19.8	80.2	100.0	2,871

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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

Alone of binity with binity with binity with their husband decide how their husband their husband binity with their husband decide how their husband binity with their husband decide how their with husband binity with their husband decide how their husband binity with their husband decide how their husband binity with their husband decide how husband binity with their husband decide how husband decide how husband binity with their husband decide how husband decide how husband decide how husband binity with husband decide how husband decide how husband decide how husband decide how husband decide how husband binity with husband decide how husband binity with husband decide how husband husband for cash are used for cash		Perce	ntage of curn	Percentage of currently married women who report that they:	omen who re	Port that the	:V≘	Ρŧ	ercentage of	Percentage of currently married men who report that:	ed men who	report that:	
13       *       8       (64.0)       36       *       7       nc       0       *       1       nc         29       85.3       204       73.8       570       36.6       156       156       139       233       66.0)         39       88.6       556       87.2       36.6       156       156       88.0       233       66.0)         39       88.6       556       87.2       58.1       34.6       445       73.2       230       86.0       733       44.7         an       86.5       741       733       34.5       70.8       733       86.0       733       46.0 <b>ding</b> 87.5       741       78.9       1.076       32.1       53.2       70.8       53.3       91.5       53.0         an       85.5       711       78.9       106       25.4       81.1       70.8       53.3       91.5       53.0         schooling       88.2       111       78.9       106       25.4       81.1       73.6       73.6       73.6       73.0         genscomplete       88.2       211       76.3       73.6       73.6       73.6       73.6<	Background characteristic	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 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
	Age	-					I			:			
	15-19 20 20	* ( L	80	(64.0)	36	* ( (	7 1	nc 202.02	0 2	* 0	1	nc	0 0
	67-02	0.00 C 00	204 777	0.07	0/0	0.05		(E.20) C.CE	07	04.0	552 COF	(0.00)	07
87.9         462         77.6         924         41.7         343         70.8         238         83.0         837         52.8           86.5         741         78.9         1,076         32.1         539         81.2         300         83.3         915         59.0           86.5         741         78.9         1,076         32.1         539         81.2         300         83.3         915         59.0           86.5         178         79.7         175         32.2         122         70.6         52         81.0         94         (53.0)           complete         88.2         117         78.9         106         25.4         81         78.3         44         91.0         95         70.2           complete         88.2         214         76.3         300         37.2         150         76.1         144         83.7         346         57.3           complete         85.2         221         77.6         384         308         76.1         144         83.7         346         57.2         56.6         57.3           ere vears         88.0         306         78.1         123         78.2	40-49	0.00 86.0	436	7.77 77.7	533 533	34.0 37.7	274	79.6	280	86.0	725	64. <i>1</i>	267
	Residence												
86.5         741         78.9         1,076         32.1         539         81.2         300         83.3         915         59.0           ling         84.5         178         79.7         175         32.2         122         70.6         52         81.0         94         (53.0)           complete         88.5         111         78.9         106         25.4         81         (78.3)         44         91.0         94         (53.0)           complete         88.6         224         76.3         300         37.2         150         76.1         144         83.7         346         57.3           complete         88.5         221         77.6         384         37.3         150         76.1         144         83.7         346         57.3           complete         85.2         221         77.6         384         73         86.9         72         86.2         72         86.3         732         52.6         53.6           revears         88.0         306         73.4         69.8         72         86.2         292         50.3           revears         88.0         77.5         88.6         77.5	Urban	87.9	462	77.6	924	41.7	343	70.8	238	83.0	837	52.8	236
ling 84.5 178 79.7 175 32.2 122 70.6 52 81.0 94 (53.0) complete 88.2 111 78.9 106 25.4 81 (78.3) 44 91.0 95 (70.2) complete 88.6 224 76.3 300 37.2 150 76.1 144 83.7 346 573 complete 85.2 221 77.6 384 30.8 165 78.2 116 80.9 372 52.6 ars complete 85.2 221 77.6 384 30.8 165 78.2 116 80.9 372 52.6 ars complete 85.6 163 77.6 297 40.0 129 88.6 72 86.2 292 63.1 revears 88.0 306 79.4 77.6 297 40.0 129 88.6 72 86.2 292 63.1 revears 88.0 306 79.4 73.8 41.7 234 69.8 109 81.8 552 50.3 16 e e e e e e e e e e e e e e e e e e	Rural	86.5	741	78.9	1,076	32.1	539	81.2	300	83.3	915	59.0	283
ooling $84.5$ $178$ $79.7$ $175$ $32.2$ $122$ $70.6$ $52$ $81.0$ $94$ $(53.0)$ 's complete $88.2$ $111$ $78.9$ $106$ $25.4$ $81$ $(78.3)$ $44$ $91.0$ $95$ $(70.2)$ i's complete $88.6$ $224$ $76.3$ $300$ $37.2$ $150$ $76.1$ $144$ $83.7$ $346$ $57.3$ i's complete $88.6$ $221$ $77.6$ $384$ $30.8$ $165$ $78.2$ $116$ $80.9$ $372$ $52.6$ ears complete $87.6$ $163$ $77.6$ $2374$ $40.0$ $129$ $88.6$ $72$ $86.2$ $292$ $63.1$ one vears $88.0$ $306$ $79.4$ $738$ $41.7$ $234$ $69.8$ $109$ $81.8$ $552$ $50.3$ one vears $88.0$ $306$ $79.4$ $738$ $41.7$ $234$ $69.8$ $109$ $81.8$ $552$ $50.3$ one vears $88.0$ $306$ $79.4$ $738$ $41.7$ $234$ $69.8$ $109$ $81.8$ $552$ $50.3$ one vears $88.0$ $1128$ $78.5$ $1,88.0$ $75.4$ $824$ $77.5$ $51.3$ $80.4$ $65$ $8.9$ $10$ $8.9$ $114$ $(43.8)$ $48$ $77.5$ $51.3$ $80.4$ $65$ $8.9$ $10$ $91.1$ $62$ $82.9$ $114$ $(43.8)$ $48$ $*$ $22$ $81.1$ $81.1$ $81.1$ $81.1$	Schooling												
s complete       88.2       111       78.9       106       25.4       81       (78.3)       44       91.0       95       (70.2)         is complete       88.6       224       76.3       300       37.2       150       76.1       144       83.7       346       57.3         is complete       85.2       221       77.6       384       30.8       165       78.2       116       80.9       372       52.6         rears complete       87.6       163       77.6       384       30.8       165       78.2       116       80.9       372       52.6         rears complete       87.6       163       77.6       234       40.0       129       88.6       72       86.2       292       63.1         ore years       88.0       306       79.4       738       41.7       234       69.8       109       81.8       552       50.3         ete       88.0       1,128       78.5       1,808       35.4       824       77.5       513       83.2       1,606       56.9         in       91.1       62       82.9       114       (43.8)       48       77.5       513       84.1	No schooling	84.5	178	79.7	175	32.2	122	70.6	52	81.0	94	(53.0)	47
Irs complete88.6 $224$ $76.3$ $300$ $37.2$ $150$ $76.1$ $144$ $83.7$ $346$ $57.3$ Irs complete $85.2$ $221$ $77.6$ $384$ $30.8$ $165$ $78.2$ $116$ $80.9$ $372$ $52.6$ irs complete $87.6$ $163$ $77.6$ $297$ $40.0$ $129$ $88.6$ $72$ $86.2$ $292$ $63.1$ increases $88.0$ $306$ $79.4$ $738$ $41.7$ $234$ $69.8$ $109$ $81.8$ $552$ $50.3$ increases $88.0$ $306$ $79.4$ $738$ $41.7$ $234$ $69.8$ $109$ $81.8$ $552$ $50.3$ increases $88.0$ $306$ $79.4$ $738$ $41.7$ $234$ $69.8$ $109$ $81.8$ $552$ $50.3$ increases $88.0$ $102$ $79.4$ $738$ $41.7$ $234$ $69.8$ $109$ $81.8$ $552$ $50.3$ increases $88.0$ $1,128$ $78.5$ $1,808$ $35.4$ $824$ $77.5$ $513$ $83.2$ $1,606$ $56.9$ in $*$ $14$ $64.9$ $75$ $*$ $10$ $*$ $*$ $21$ $*$ $*$ $213$ $83.2$ $1,606$ $56.9$ in $*$ $91.1$ $62$ $82.9$ $114$ $(43.8)$ $48$ $*$ $22$ $84.1$ $81$ $*$ in $81$ $*$ $22$ $84.1$ $81$ $*$ $22$ $84.1$	<5 years complete	88.2	111	78.9	106	25.4	81	(78.3)	44	91.0	95	(70.2)	40
Inscomplete       85.2       221       77.6       384       30.8       165       78.2       116       80.9       372       52.6         Rears complete       87.6       163       77.6       297       40.0       129       88.6       72       86.2       292       63.1         Onre years       88.0       306       79.4       738       41.7       234       69.8       109       81.8       552       50.3         Onre years       88.0       306       79.4       738       41.7       234       69.8       109       81.8       552       50.3         Onre years       88.0       306       79.4       738       41.7       234       69.8       109       81.8       552       50.3         One years       88.9       1,128       78.5       1,808       35.4       824       77.5       513       83.2       1,606       56.9         N       91.1       62       82.9       10       *       22       84.1       81       *       *       22       84.1       81       *	5-7 years complete	88.6	224	76.3	300	37.2	150	76.1	144	83.7	346	57.3	142
(ears complete       87.6       163       77.6       297       40.0       129       88.6       72       86.2       292       63.1         nore years       88.0       306       79.4       738       41.7       234       69.8       109       81.8       552       50.3         ete       88.9       1,128       78.5       1,808       35.4       824       77.5       513       83.2       1,606       56.9         n       *       14       64.9       75       *       10       *       33.4       65       *       *         n       91.1       62       82.9       114       (43.8)       48       *       22       84.1       81       *	8-9 years complete	85.2	221	77.6	384	30.8	165	78.2	116	80.9	372	52.6	112
Dore years     B8.0     306     79.4     738     41.7     234     69.8     109     81.8     552     50.3       ete     86.9     1,128     78.5     1,808     35.4     824     77.5     513     83.2     1,606     56.9       n     *     14     64.9     75     *     10     *     35.4     65.4       an     91.1     62     82.9     114     (43.8)     48     *     22     84.1     81     *	10-11 years complete	87.6	163	77.6	297	40.0	129	88.6	72	86.2	292	63.1	68
ete 88.0 306 79.4 738 41.7 234 69.8 109 81.8 552 50.3 86.9 1,128 78.5 1,808 35.4 824 77.5 513 83.2 1,606 56.9 * 10 * 3 80.4 65 * an 91.1 62 82.9 114 (43.8) 48 * 22 84.1 81 *	12 or more years												
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an 91.1 62 82.9 114 (43.8) 48 * 22 84.1 81 *	Hindu	86.9	1.128	78.5	1.808	35.4	824	77.5	513	83.7	1.606	56.9	495
91.1 62 82.9 114 (43.8) 48 * 22 84.1 81 *	Muslim	*	14	64.9	75	*	10	*	ŝ	80.4	65	*	ŝ
Continued	Christian	91.1	62	82.9	114	(43.8)	48	*	22	84.1	81	*	21
												C	ntinued

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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, Tamil Nadu, 2019-21

Alone or       Jointly with interimentation       Number of employed or jointly with interimentation with their nusband women into their husband women into their husband women and whose farmmore and whose wife decide of men jointly with their nusband decide how whose farmmore and whose wife decide of men jointly with their mise and whose wife decide of men jointly with their mise and whose wife decide of men jointly with their mise and whose wife decide of men jointly with their mise and whose manual is are the insband's are the medicides menore and whose wife decide of men jointly with the menore and whose wife decide of men jointly with the menore and whose wife decide of men jointly with the menore and whose decide on a stheir mise employed as their exployed as their exployed as their employed as their mise employed as their employed as their mise employed as their employed as the armand are used for cash armands as a subort was the as the as the armand as a subort as a subort as the armand are are as the armand are areas are areas the are areas are are are as		Percei	ntage of curr	Percentage of currently married w	women who report that they:	eport that th	ey:	₽	ercentage of	Percentage of currently married men who report that:	ed men who	report that:	
Alone or jointly withjointly with their husbandNumber of for cashemployed with theiror jointly with theirTheir wife alone orjointly with decide howtheir husband decide howwomen womenfor cashwith their mumberNumberalone or alone ordecide howwhose decide howtheir husbandsnumberfor cashwith their mumberNumberalone or alone ordecide howwhose their owntheir husbandsnumbernumberhusbandsor about the sameand whose arewith their with wivesmen or alone orare used are usedfor cashare usedfor cashare usedfor cashwith their are usedNumbernumberare used are usedfor cashare usedfor cashare usedfor cashare usedfor cashare subloyedaste85.241181.656931.730375.118484.351350.1aste(85.4)43(90.5)5931.730375.118484.351350.1aste(85.4)76.91,33637.254276.032482.61,16657.3aste10(55.0)33275.118484.350.157.3aste87.11,20478.3276.032483.27.16657.3aste1,20478.3276.0328				Alone or			Number	They alone					
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their husband decide howdecide howwhoseEarn moreand whosekife decideof menjointly withTheir wifedecide howtheirhusband'sarethe samearewhosehow theirwith wivesthem decidesearns moretheir ownNumberhusband'sarethe samearewife's cashwho arehow theirwith wivesthem decidesearns morecash earningsemployedcash earningsemployedas theiremployedearningsemployedcash earningsemployedare usedfor cashare usedfor cashare usedfor cashare usedfor cashare usedfor cashare sameare usedfor cashare usedfor cashare usedfor cashare usedfor cashare sameare nashaste85.241181.656931.730375.118484.351350.1ste(85.4)43(90.5)59*29*2489.3)53**ste(85.4)76.91,33637.254276.032482.61,16657.3stad class88.278.11,20478.32,00135.883.21,75256.287.11,20478.32,0135.876.653883.21,75256.2		jointly with		their husband	women		for cash	with their	Number	alone or			employed
decide howtheirhusbandsor abouthusbandsor abouthusbandsnow theirwith wivesthem decidesearns moretheir ownNumberhusband'sarethe samearewife's cashwho arehow their ownNumberor aboutcash earningsemployedcash earningsemployedearningsemployedearningsemployedthe sameare usedfor cashare usedfor cashare usedfor cashare usedfor cashare usedfor aboutare usedfor cashare usedfor cashare usedfor cashare usedfor cashare usedfor cashas thenare usedfor cashare usedfor cashare usedfor cashare usedfor cashare usedfor cashas thenare used(55.0)5931.730375.118484.351350.1sted class88.274076.91,33637.254276.032482.61,16657.3stard class88.275.0332,00135.888275.01,7525623.7587.11,20478.32,0135.888275.61,75658257.387.11,20478.32,00135.888275.61,75656257.387.11,20478.32,0135.888275.61,7565621,75656257.3		their husband		decide how	whose	Earn more	and whose	wife decide	of men	jointly with		Their wife	for cash
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cash earnings         employed         cash earnings         employed         cash earnings         employed         cash earnings         employed         the same           are used         for cash         asthem           are used         for cash         are used         for cash         are used         for cash         are used         for cash         asthem           are used         for cash         are used         for cash         are used         for cash         are used         for cash         asthem           aste         85.2         411         81.6         569         31.7         303         75.1         184         84.3         513         50.1           site         (85.4)         43         (90.5)         59         *         29         *         24         (89.3)         53         *         *           rind class         88.2         740         76.9         1,336         37.2         542         76.0         324         8.2.6         1,166         57.3           stard class         87.1         1,204         78.3		their own	Number	husband's	are	the same	are	wife's cash	who are	how their own	Number	or about	wives are
are used         for cash         are used         for cash         are used         for cash         as them           aste         85.2         411         81.6         569         31.7         303         75.1         184         84.3         513         50.1           ste         (85.4)         43         (90.5)         59         31.7         303         75.1         184         84.3         53         *           ribe         (85.4)         43         (90.5)         59         *         29         *         24         (89.3)         53         *         *           rand class         88.2         740         76.9         1,336         37.2         542         76.0         324         82.6         1,166         57.3           vard class         88.2         10         (55.0)         33         *         8         *         4         *         15         *           87.1         1,204         78.3         2,001         35.8         882         76.6         538         83.2         1,752         56.2	Background	cash earnings		cash earnings	employed	as their	employed	earnings	employed	cash earnings	employed	the same	employed
/tribe       /tribe       85.2       411       81.6       569       31.7       303       75.1       184       84.3       513         eduled caste       85.2       411       81.6       569       31.7       303       75.1       184       84.3       513         eduled tribe       (85.4)       43       (90.5)       59       *       29       *       24       (89.3)       53         er backward class       88.2       740       76.9       1,336       37.2       542       76.0       324       82.6       1,166         er       *       10       (55.0)       33       *       8       *       4       *       15         er       1       1,204       78.3       2,001       35.8       882       76.6       538       83.2       1,752	characteristic	are used	for cash	are used	for cash	husband	for cash	are used	for cash	are used	for cash	as them	for cash
eduled caste 85.2 411 81.6 569 31.7 303 75.1 184 84.3 513 eduled tribe (85.4) 43 (90.5) 59 * 29 * 24 (89.3) 53 er backward class 88.2 740 76.9 1,336 37.2 542 76.0 324 82.6 1,166 er ************************************	Caste/tribe												
eduled tribe (85.4) 43 (90.5) 59 * 29 * 24 (89.3) 53 er backward class 88.2 740 76.9 1,336 37.2 542 76.0 324 82.6 1,166 er * 10 (55.0) 33 * 8 * 4 * 15 87.1 1,204 78.3 2,001 35.8 882 76.6 538 83.2 1,752	Scheduled caste	85.2	411	81.6	569	31.7	303	75.1	184	84.3	513	50.1	177
er backward class 88.2 740 76.9 1,336 37.2 542 76.0 324 82.6 1,166 er * 10 (55.0) 33 * 8 * 4 * 15 87.1 1,204 78.3 2,001 35.8 882 76.6 538 83.2 1,752	Scheduled tribe	(85.4)	43	(90.5)	59	*	29	*	24	(89.3)	53	*	19
er * 10 (55.0) 33 * 8 * 4 * 15 87.1 1,204 78.3 2,001 35.8 882 76.6 538 83.2 1,752	Other backward cla:		740	76.9	1,336	37.2	542	76.0	324	82.6	1,166	57.3	316
87.1 1,204 78.3 2,001 35.8 882 76.6 538 83.2 1,752	Other	*	10	(55.0)	33	*	8	*	4	*	15	*	4
	Total	87.1	1,204	78.3	2,001	35.8	882	76.6	538	83.2	1,752	56.2	518

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making	
decision	
<u>ц</u>	
Participation	
Table 98	

Percent distribution of currently married women and men age 15-49 by who usually make decisions about specific issues, by residence, Tamil Nadu, 2019-21

	Acco	According to women, person who usually makes the decision	erson who u	sually makes	the decisio	c	Acc	According to men, person who usually makes the decision	erson who i	usually makes	s the decisic	L
	Mainly	Respondent and	Mainly	Someone		- - 	Mainly	Respondent	Mainly	Someone		-
Decision	respondent	respondent husband jointly	husband	else	Other	lotal	respondent	respondent and wife jointly	wite	else	Other	lotal
					URBAN							
Own health care	17.0	64.0	18.4	0.2	0.3	100.0	15.6	51.5	32.4	0.3	0.2	100.0
Major household purchases	21.4	61.0	16.1	0.6	0.8	100.0	13.0	62.7	23.9	0.3	0.0	100.0
Visits to her family or relatives	20.9	63.1	15.5	0.3	0.1	100.0	na	na	na	na	na	na
					RURAL							
Own health care	18.1	64.5	16.5	0.7	0.3	100.0	17.6	48.9	33.1	0.2	0.2	100.0
Major household purchases	21.5	62.7	13.5	1.7	0.6	100.0	15.5	63.5	20.9	0.1	0.0	100.0
Visits to her family or relatives	20.6	67.4	11.2	0.6	0.2	100.0	na	na	na	na	na	na
					TOTAL							
Own health care	17.6	64.3	17.3	0.5	0.3	100.0	16.7	50.1	32.8	0.2	0.2	100.0
Major household purchases	21.5	61.9	14.7	1.2	0.7	100.0	14.3	63.1	22.3	0.2	0.0	100.0
Visits to her family or relatives	20.8	65.5	13.1	0.5	0.1	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, Tamil Nadu, 2019-21

	Percentage	Percentage of women who usually make specific decisions alone of jointly with their husband	n wno usuaiiy mak jointly with their hi	iny make specific dec their husband	isions alone or		Leiceiliage	recentage of men who usually make specific decisions alone or jointly with their wife	any make spec with their wife		
Background characteristic	Own health care	Making major household purchases	Visits to her family or relatives	Percentage who participate in all three decisions	Percentage who participate in none of the three decisions	Number of women	Own health care	Making major household purchases	Percentage who participate in both decisions	Percentage who participate in neither decision	Number of men
Age											
15-19	(68.9)	(62.5)	(68.5)	(45.8)	(19.0)	45	*	*	*	*	1
20-24	74.7	79.2	80.2	63.6	11.0	255	(86.7)	(90.5)	(79.4)	(2.2)	36
25-29	79.7	76.4	84.3	0.69	10.4	495	69.1	78.4	60.9	13.4	201
30-39	84.8	87.4	89.9	77.3	4.1	1,105	67.7	79.3	59.4	12.4	812
40-49	82.3	84.7	85.3	72.9	7.6	859	64.2	74.6	54.7	15.9	752
Residence											
Urban	81.1	82.4	84.1	71.4	8.2	1,244	67.1	75.7	58.5	15.7	849
Rural	82.6	84.2	88.0	73.7	6.4	1,515	66.5	79.0	57.5	12.0	952
Schooling											
No schooling	84.9	85.6	88.1	76.6	6.9	264	59.0	68.1	46.9	19.8	106
<5 years complete	85.9	86.6	89.4	77.5	6.1	149	65.0	70.0	54.8	19.9	101
5-7 years complete	81.9	83.1	85.3	73.1	7.6	446	62.4	78.6	53.8	12.9	354
8-9 years complete	81.1	84.1	84.2	70.0	6.5	516	67.4	81.1	61.3	12.8	380
10-11 years complete	80.5	82.2	81.7	70.1	9.6	386	65.1	76.0	56.6	15.6	297
12 or more years complete	81.5	82.6	88.5	73.1	6.7	866	71.8	78.2	61.7	11.7	563
Employment (past 12 months)	(										
Employed	84.1	86.4	89.3	75.9	5.0	1,270	66.8	77.3	57.9	13.8	1,783
Employed, for cash	85.1	86.3	89.6	76.9	5.1	1,204	66.6	77.6	58.0	13.9	1,752
Employed, not for cash	66.7	88.5	82.7	57.6	4.0	99	(77.9)	(62.8)	(51.7)	(11.1)	31
Not employed	80.0	80.8	83.7	69.9	9.0	1,489	*	*	*	*	18

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, Tamil Nadu, 2019-21

		jointly with their husband	jointly with their husband	rsband				alone or jointly with their wife	with their wife	returninge of finen who usuary make specific decisions alone or jointly with their wife	
	OWN	Making major household	Visits to her family	Percentage who participate in all three	Percentage who participate in none of the	Number of	nwO	Making major household	Percentage who participate in both	Percentage who participate in neither	Number
Background characteristic	health care	purchases	or relatives	decisions	three decisions	women	health care	purchases	decisions	decision	of men
Number of living children											
0	78.6	80.2	84.1	67.0	8.7	249	65.1	78.0	58.6	15.5	247
1-2	81.1	83.0	85.9	72.2	7.7	2,054	67.3	77.5	58.2	13.4	1,310
3-4	87.5	86.8	89.1	78.0	4.4	440	65.5	77.0	56.4	13.9	237
Household structure $^1$											
Nuclear	83.3	84.7	86.8	74.1	6.3	1,700	66.1	76.0	56.7	14.6	1,091
Non-nuclear	79.7	81.2	85.3	70.4	8.7	1,060	67.8	79.7	59.9	12.4	711
Religion											
Hindu	82.5	83.8	86.5	73.0	6.8	2,490	66.5	77.4	58.0	14.0	1,652
Muslim	76.0	76.4	79.9	67.5	11.3	109	71.9	76.6	60.0	11.5	99
Christian	76.6	80.9	86.6	70.7	11.3	158	67.8	78.8	56.0	9.4	83
Caste/tribe											
Scheduled caste	82.5	84.8	88.6	74.3	6.7	753	68.3	79.3	60.6	13.0	523
Scheduled tribe	95.6	97.3	92.9	89.1	0.6	87	(56.0)	(64.0)	(40.6)	(20.5)	62
Other backward class	81.3	82.6	85.2	71.5	7.3	1,873	66.7	77.1	57.7	13.9	1,196
Other	(66.8)	(63.1)	(73.6)	(59.3)	(25.2)	43	*	*	*	*	16
Total	81.9	83.4	86.2	72.7	7.2	2,759	66.8	77.5	58.0	13.7	1,801

## 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, who have taken a loan from a microcredit programme, and 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, Tamil Nadu, 2019-21

	Women' to me		and use of	knowledge microcredit ammes				
Background characteristic	Percentage who have money that they can decide how to use	savings account that they themselves	Percentage who know of a microcredit	Percentage who have taken a loan from a microcredit programme	Percentage of women allowed to go to three specified places alone <sup>1</sup>	Number of women	Percentage who use mobile phone for financial transactions	Number of women who have a mobile phone
Age								
15-19	10.8	83.2	66.4	1.1	7.9	494	25.8	216
20-24	33.7	93.4	72.1	8.8	32.9	524	39.4	451
25-29	44.0	93.9	74.6	15.5	35.6	564	38.5	487
30-39	50.6	92.8	74.0	24.4	47.4	1,198	23.0	976
40-49	52.3	94.2	75.0	25.4	51.7	1,198	16.5	701
Residence								
	42.0	02.7	72.0	45.2	27.0	4 700	22.2	4 420
Urban	43.0	92.7	73.0	15.3	37.8	1,760	32.3	1,429
Rural	42.2	91.7	74.5	20.6	41.3	2,033	21.3	1,402
Schooling								
No schooling	52.8	90.0	65.4	21.7	48.7	306	5.2	137
<5 years complete	54.6	93.1	76.7	35.3	57.9	184	11.0	116
5-7 years complete	50.4	93.0	75.0	28.4	47.6	519	8.9	378
8-9 years complete	38.1	91.9	75.3	24.6	40.2	646	15.5	481
10-11 years complete	36.3	90.4	71.2	16.4	30.3	620	20.1	393
12 or more years complete	40.8	93.0	75.1	9.8	36.5	1,519	41.7	1,326
Employment (past 12 months)								
Employed	60.3	94.4	76.0	26.7	49.5	1,622	26.5	1,210
Employed, for cash	61.5	94.6	76.7	27.2	50.2	1,548	26.7	1,160
Employed, not for cash	34.9	91.7	62.3	16.5	35.4	74	20.2	51
Not employed	29.3	90.5	72.1	11.7	32.3	2,172	27.1	1,621
Number of living children								
0	26.8	87.9	67.8	4.5	22.9	1,066	37.8	710
1-2	48.1	93.4	76.7	22.9	44.9	2,227	25.3	1,807
3-4	51.2	95.8	73.1	26.3	53.2	484	11.1	305
Household structure <sup>2</sup>								
Nuclear	43.0	91.9	73.6	18.1	39.9	2,383	25.7	1,779
Non-nuclear	41.9	92.6	74.0	18.2	39.2	1,410	28.9	1,052
Religion								
Hindu	42.4	91.9	73.6	18.4	40.8	3,436	26.5	2,536
Muslim	38.4	91.7	65.4	12.3	21.8	137	28.6	112
Christian	47.3	96.6	82.2	17.9	33.6	216	29.0	179
								ntinued

#### 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, who have taken a loan from a microcredit programme, and 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, Tamil Nadu, 2019-21

	Women's		and use of	knowledge microcredit ammes				
Background characteristic	Percentage who have money that they can decide how to use	savings account that they	Percentage who know of a microcredit	Percentage who have taken a loan from a microcredit programme	Percentage of women allowed to go to three specified places alone <sup>1</sup>	Number of women	Percentage who use mobile phone for financial transactions	Number of women who have a mobile phone
Caste/tribe								
Scheduled caste	45.8	92.2	77.2	21.1	41.6	1,044	24.7	709
Scheduled tribe	52.6	80.9	61.9	16.3	40.9	109	(20.6)	60
Other backward class	41.1	92.8	73.2	16.8	39.1	2,574	27.9	2,010
Other	35.1	84.8	61.1	26.8	29.5	61	(22.2)	50
Total	42.6	92.2	73.8	18.2	39.7	3,794	26.9	2,831

Note: Figures in parentheses are based on 25-49 unweighted cases. Total includes women with 5 or more living children, women belonging to other religions, and 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, Tamil Nadu, 2019-21

		Wome	en	-	Among women		N	len	
Background characteristic	Own a house alone or jointly	Own land alone or jointly	Have a mobile phone that they themselves use	Number of women	who have a mobile phone, percentage who can read SMS messages	Number of women	Own a house alone or jointly	Own land alone or jointly	Number of men
Age									
15-19	35.1	18.0	43.6	494	95.8	216	47.8	20.6	423
20-24	41.3	20.9	86.1	524	96.0	451	46.9	23.8	391
25-29	44.7	20.5	86.3	564	89.9	487	40.5 57.0	23.0	443
30-34	48.4	22.4	85.7	562	74.2	481	61.9	27.7	470
35-39	50.0	23.2	77.7	636	60.3	494	66.8	28.7	471
40-44	53.9	23.5	70.1	500	54.1	351	71.3	20.7	416
45-49	55.2	23.0	68.3	513	42.3	350	70.7	32.9	385
Residence									
Urban	42.1	15.8	81.2	1,760	80.2	1,429	53.6	18.9	1,435
Rural	51.3	27.1	68.9	2,033	66.0	1,402	66.7	33.2	1,564
Religion									
Hindu	47.7	22.5	73.8	3,436	72.0	2,536	61.1	26.7	2,776
Muslim	46.1	18.8	82.0	137	70.3	112	54.9	19.7	108
Christian	35.8	12.7	82.8	216	89.9	179	50.1	23.0	115
Caste/tribe									
Scheduled caste	42.1	17.0	67.9	1,044	67.6	709	66.9	24.8	852
Scheduled tribe	77.4	47.9	54.7	109	(61.1)	60	56.7	20.6	105
Other backward class	48.1	22.9	78.1	2,574	75.3	2,010	58.1	27.3	2,006
Other	30.4	9.2	80.9	61	(81.4)	50	(40.5)	(22.3)	31
Schooling									
No schooling	56.6	21.3	44.7	306	3.1	137	75.8	38.3	120
<5 years complete	44.0	22.1	63.1	184	9.9	116	65.2	25.1	114
5-7 years complete	50.8	22.3	72.7	519	30.3	378	66.4	26.8	430
8-9 years complete	44.0	21.2	74.4	646	66.6	481	59.7	28.3	563
10-11 years complete	49.2	22.5	63.4	620	87.6	393	55.3	23.6	567
12 or more years									
complete	44.6	21.8	87.4	1,519	96.2	1,326	59.1	25.5	1,205
Household structure <sup>1</sup>									
Nuclear	45.7	20.8	74.6	2,383	70.4	1,779	59.3	26.2	1,913
Non-nuclear	49.4	23.6	74.6	1,410	77.9	1,052	62.4	26.5	1,086
Total age 15-49	47.0	21.9	74.6	3,794	73.1	2,831	60.4	26.3	2,999
Age 50-54	na	na	na	na	na	na	77.3	39.0	373
Total age 15-54	na	na	na	na	na	na	62.3	27.7	3,372

Note: Figures in parentheses are based on 25-49 unweighted cases. Total includes women/men belonging to other religions and women/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, Tamil Nadu, 2019-21

_	Ever-m	arried	Never	married	Тс	tal
Reason/behaviour	Women	Men	Women	Men	Women	Men
Percentage who agree that a husband is justified in						
hitting or beating his wife if:						
She goes out without telling him	45.0	19.0	30.9	22.3	42.0	20.3
She neglects the house or children	67.7	32.9	59.7	40.0	66.0	35.7
She argues with him	36.5	21.3	22.7	24.0	33.6	22.3
She refuses to have sexual intercourse with him	11.5	5.1	7.7	9.0	10.7	6.6
She doesn't cook properly	19.4	9.0	12.1	13.6	17.8	10.8
He suspects her of being unfaithful	30.6	26.9	23.8	33.7	29.2	29.5
She shows disrespect for in-laws	57.8	38.7	50.7	49.1	56.3	42.7
Percentage who agree with at least one specified						
reason	79.8	52.8	72.6	61.5	78.3	56.2
Percentage who agree that a wife is justified in						
refusing to have sex with her husband when she:						
Knows her husband has a sexually transmitted disease	89.6	90.5	83.5	86.2	88.3	88.8
Knows her husband has sex with other women	88.3	88.2	83.9	82.4	87.4	85.9
Is tired or not in the mood	87.5	79.8	82.6	73.0	86.5	77.2
Percentage who agree with all three reasons	82.2	73.9	77.9	67.3	81.3	71.3
Percentage who agree with none of the three reasons	6.7	5.3	12.5	8.8	7.9	6.7
Percentage who agree that when a wife refuses to						
have sex with her husband, he has the right to:						
Get angry and reprimand her	na	14.0	na	11.2	na	12.9
Refuse to give her financial support	na	6.0	na	5.2	na	5.7
Use force to have sex even if she doesn't want to	na	6.6	na	5.2	na	6.1
Have sex with another woman	na	6.0	na	6.4	na	6.1
Percentage who agree with all four behaviours	na	2.9	na	1.8	na	2.4
Percentage who agree with none of the four behaviours	na	82.0	na	82.9	na	82.4
Number of respondents	2,991	1,838	803	1,161	3,794	2,999
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, Tamil Nadu, 2019-21

	Percenta agree that is justified or beating for at le specified	a husband in hitting g his wife ast one	Percenta agree tha justified ir to have se husband specified	t a wife is n refusing x with her d for all	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>	Num	ıber
Background characteristic	Women	Men	Women	Men	Men	Women	Men
Age							
	70.0	C2 4	75.0	64.0	75 5	404	422
15-19	78.8	63.4	75.3	64.0	75.5	494	423
20-24	74.2	61.0	80.8	69.6	78.9	524	391
25-29	71.1	54.7	84.0	74.1	80.8	564	443
30-39	81.8	52.8	83.5	71.8	82.5	1,198	941
40-49	80.0	54.8	80.5	74.0	80.1	1,013	801
Residence							
Urban	71.9	55.0	79.2	71.2	81.5	1,760	1,435
Rural	83.9	57.2	83.1	71.5	79.0	2,033	1,564
Schooling							
No schooling	83.7	59.5	83.2	61.5	79.4	306	120
<5 years complete	84.6	53.4	80.2	78.3	78.1	184	114
5-7 years complete	84.7	60.9	79.7	67.3	80.6	519	430
8-9 years complete	83.9	61.1	78.1	74.8	76.5	646	563
10-11 years complete	79.0	61.5	78.3	68.7	78.8	620	567
12 or more years complete	71.6	49.6	84.2	72.7	82.7	1,519	1,205
Employment (past 12 months)							
Employed	81.6	56.5	82.1	71.8	80.8	1,622	2,505
Employed, for cash	81.6	56.6	82.6	71.8	81.0	1,548	2,303
	79.8					1,548 74	2,458 48
Employed, not for cash		(52.8)	72.9	(70.4)	(69.9)		
Not employed	75.9	54.4	80.7	69.0	77.2	2,172	494
Marital status					-		
Never married	72.6	61.5	77.9	67.3	78.4	803	1,161
Currently married	79.8	52.7	81.9	73.8	81.3	2,759	1,801
Widowed/divorced/							
separated/deserted	80.0	(58.9)	85.7	(81.0)	(78.6)	232	37
Number of living children							
0	74.4	61.2	78.7	68.6	78.8	1,066	1,413
1-2	78.1	50.0	83.0	73.6	81.9	2,227	1,340
3-4	87.9	60.3	79.8	74.4	78.4	484	238
Household structure <sup>4</sup>							
Nuclear	77.0	54.8	80.9	69.9	80.3	2,383	1,913
Non-nuclear	80.6	58.6	82.1	73.9	79.9	1,410	1,086
							, -

#### 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, Tamil Nadu, 2019-21

	Percenta agree that is justified or beating for at le specified	a husband in hitting g his wife ast one	Percenta agree tha justified ir to have se husband specified	t a wife is n refusing x with her d for all	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>	Nun	nber
Background characteristic	Women	Men	Women	Men	Men	Women	Men
<b>Religion</b> Hindu Muslim Christian	78.5 79.1 74.3	56.4 63.1 44.6	81.3 78.9 82.7	71.1 75.1 74.0	80.4 74.7 79.6	3,436 137 216	2,776 108 115
Caste/tribe Scheduled caste Scheduled tribe Other backward class Other	81.7 87.3 76.7 70.9	54.7 50.2 57.2 (54.4)	80.3 90.7 81.4 84.1	70.4 76.0 71.5 (75.3)	79.1 91.3 80.3 (66.6)	1,044 109 2,574 61	852 105 2,006 31
Total	78.3	56.2	81.3	71.3	80.2	3,794	2,999

Note: Figures in parentheses are based on 25-49 unweighted cases. Total includes women/men with 5 or more living children, women/men belonging to other religions, and women/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, Tamil Nadu, 2019-21

Type of violence/perpetrator	Ever-married	Never married	Total
Type of violence experienced			
Physical violence only	42.0	19.8	38.8
Sexual violence only	0.4	0.6	0.4
Physical and sexual violence	2.3	1.6	2.2
Physical or sexual violence	44.7	21.9	41.5
Number of women	2,368	392	2,760
Person committing physical violence <sup>1</sup>			
Current husband	85.1	na	78.8
Former husband	0.3	na	0.3
Father/step-father	12.0	37.7	13.9
Mother/step-mother	21.0	78.4	25.2
Sister/brother	5.9	16.7	6.7
Daughter/son	0.2	0.9	0.2
Other relative	0.5	3.1	0.7
Mother-in-law	0.1	na	0.1
Father-in-law	0.1	na	0.0
Other-in-law	0.1	na	0.1
Teacher	3.6	17.4	4.6
Other	0.2	0.8	0.2
Number who experienced physical violence since age 15	1,049	84	1,133
Person committing sexual violence the first time			
Current husband	85.4	na	75.7
Current/former boyfriend	0.0	*	2.0
Father/step-father	1.8	*	1.6
Brother/step-brother	0.5	*	0.4
Other relative	8.0	*	16.5
Employer/someone at work	3.7	*	3.3
Stranger	0.6	*	0.5
Number who experienced sexual violence	65	8	73

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, Tamil Nadu, 2019-21

Percentage who experienced pregnancy         Number of women who have ever been pregnant           Age		,	•
experienced violence during         women who have ever been           Background characteristic         pregnancy         pregnant           Age             20-24         0.7         157           25-29         2.5         333           30-39         3.8         928           40-49         3.5         820           Residence             Urban         3.3         1,011           Rural         3.4         1,249           Marital status             Currently married         2.9         2,073           Widowed/divorced/ separated/deserted         8.0         185           Number of living children             0         1.5         64           1-2         3.0         1,775           3-4         5.2         408           Schooling         2.9         241           <5 years complete		Percentage who	Number of
violence during pregnancy         have ever been pregnant           Age			
Background characteristic         pregnancy         pregnant           Age         20-24         0.7         157           25-29         2.5         333           30-39         3.8         928           40-49         3.5         820           Residence         Urban         3.3         1,011           Rural         3.4         1,249           Marital status         2.9         2,073           Currently married         2.9         2,073           Widowed/divorced/         8.0         185           Number of living children         0         1.5         64           1-2         3.0         1,775         3-4         5.2         408           Schooling         2.9         2,037         241         25         240           1-2         3.0         1,775         3-4         5.2         408           Schooling         2.9         241         25         148           5-7 years complete         5.5         436         10-11 years complete         1.2         294         12 or more years complete         2.4         736           Religion         Hindu         3.6         2,037         129			
Age $20-24$ $0.7$ $157$ $25-29$ $2.5$ $333$ $30-39$ $3.8$ $928$ $40-49$ $3.5$ $820$ Residence       Urban $3.3$ $1,011$ Rural $3.4$ $1,249$ Marital status       Currently married $2.9$ $2,073$ Widowed/divorced/       separated/deserted $8.0$ $185$ Number of living children       0 $1.5$ $64$ $1-2$ $3.0$ $1,775$ $3-4$ Schooling $2.9$ $241$ $<5 \cdot 64$ $1-2$ $3.0$ $1,775$ $3-4$ $5.2$ $408$ Schooling $2.9$ $241$ $<5 \cdot 9436$ $57 \cdot 9437 scomplete       9.5 \cdot 1448 5-7 \cdot 9437 scomplete       2.3 405 8-9 \cdot 9287 scomplete       5.5 \cdot 436 10-11 \cdot 9287 complete       1.2 \cdot 294 12 \cdot 0786 736         Religion       Hindu       3.6 \cdot 2,037       Muslim       0.0  92 2077 926 716         Caste/tribe       Scheduled caste   $	Background characteristic	0	
20-24       0.7       157         25-29       2.5       333         30-39       3.8       928         40-49       3.5       820         Residence         Urban       3.3       1,011         Rural       3.4       1,249         Marital status       2.9       2,073         Currently married       2.9       2,073         Widowed/divorced/       separated/deserted       8.0       185         Number of living children       0       1.5       64         1-2       3.0       1,775       3-4       5.2       408         Schooling       2.9       241       5.7 years complete       9.5       148         5-7 years complete       9.5       148       5-7 years complete       1.2       294         12 or more years complete       1.2       294       12       20       736         Religion       1.7       129       20       74       736         Caste/tribe       3.3       615       5       5         Scheduled caste       3.3       615       5         Other backward class       3.6       1,539       71	0	1 0 /	
20-24       0.7       157         25-29       2.5       333         30-39       3.8       928         40-49       3.5       820         Residence         Urban       3.3       1,011         Rural       3.4       1,249         Marital status       2.9       2,073         Currently married       2.9       2,073         Widowed/divorced/       separated/deserted       8.0       185         Number of living children       0       1.5       64         1-2       3.0       1,775       3-4       5.2       408         Schooling       2.9       241       5.7 years complete       9.5       148         5-7 years complete       9.5       148       5-7 years complete       1.2       294         12 or more years complete       1.2       294       12       20       736         Religion       1.7       129       20       74       736         Caste/tribe       3.3       615       5       5         Scheduled caste       3.3       615       5         Other backward class       3.6       1,539       71	Age		
25-29       2.5       333         30-39       3.8       928         40-49       3.5       820         Residence         Urban       3.3       1,011         Rural       3.4       1,249         Marital status	-	0.7	157
30-39       3.8       928         40-49       3.5       820         Residence         Urban       3.3       1,011         Rural       3.4       1,249         Marital status       2.9       2,073         Currently married       2.9       2,073         Widowed/divorced/       separated/deserted       8.0       185         Number of living children       0       1.5       64         1-2       3.0       1,775       3-4       5.2       408         Schooling       2.9       241            No schooling       2.9       241              Schooling       2.9       241			
40-49       3.5       820         Residence			
Urban       3.3       1,011         Rural       3.4       1,249         Marital status       2.9       2,073         Widowed/divorced/       separated/deserted       8.0       185         Number of living children       0       1.5       64         1-2       3.0       1,775       3.4       5.2       408         Schooling       2.9       241       25       948         Schooling       2.9       241       25       408         Schooling       2.9       241       241       25       408         Schooling       2.9       241       25       408       36       10-11       294       12       294       12       12       1294       12       13			
Urban       3.3       1,011         Rural       3.4       1,249         Marital status       2.9       2,073         Widowed/divorced/       separated/deserted       8.0       185         Number of living children       0       1.5       64         1-2       3.0       1,775       3.4       5.2       408         Schooling       2.9       241       25       948         Schooling       2.9       241       25       408         Schooling       2.9       241       241       25       408         Schooling       2.9       241       25       408       36       10-11       294       12       294       12       12       1294       12       13			
Rural       3.4       1,249         Marital status       2.9       2,073         Widowed/divorced/ separated/deserted       8.0       185         Number of living children       0       1.5       64         1-2       3.0       1,775       3-4       5.2       408         Schooling       2.9       241        5       9         No schooling       2.9       241        5       408         Schooling       2.9       241         5       408         Schooling       2.9       241             3.4       5.2       408  <	Residence		
Marital status       2.9       2,073         Currently married       2.9       2,073         Widowed/divorced/       separated/deserted       8.0       185         Number of living children       0       1.5       64         1-2       3.0       1,775         3-4       5.2       408         Schooling       2.9       241         <5 years complete	Urban	3.3	1,011
Currently married       2.9       2,073         Widowed/divorced/       separated/deserted       8.0       185         Number of living children       0       1.5       64         1-2       3.0       1,775       3-4       5.2       408         Schooling       2.9       241       5.3       408         Schooling       2.9       241       5.2       408         Schooling       2.9       241       5.5       436         10-11 years complete       1.2       294       12 or more years complete       1.2       294         12 or more years complete       2.4       736       736         Religion       1.7       129       20       20         Christian       1.7       129       21       20       20       21         Caste/tribe       0.0       71       21       21       21       21         Scheduled caste       3.3       615       539       3.6       1,539 <td>Rural</td> <td>3.4</td> <td>1,249</td>	Rural	3.4	1,249
Currently married       2.9       2,073         Widowed/divorced/       separated/deserted       8.0       185         Number of living children       0       1.5       64         1-2       3.0       1,775       3-4       5.2       408         Schooling       2.9       241       5.3       408         Schooling       2.9       241       5.2       408         Schooling       2.9       241       5.5       436         10-11 years complete       1.2       294       12 or more years complete       1.2       294         12 or more years complete       2.4       736       736         Religion       1.7       129       20       20         Christian       1.7       129       21       20       20       21         Caste/tribe       0.0       71       21       21       21       21         Scheduled caste       3.3       615       539       3.6       1,539 <td></td> <td></td> <td></td>			
Widowed/divorced/ separated/deserted       8.0       185         Number of living children       0       1.5       64         1-2       3.0       1,775         3-4       5.2       408         Schooling       2.9       241         <5 years complete		2.0	2 072
separated/deserted         8.0         185           Number of living children		2.9	2,073
Number of living children         0       1.5       64         1-2       3.0       1,775         3-4       5.2       408         Schooling       2.9       241         <5 years complete			
0       1.5       64         1-2       3.0       1,775         3-4       5.2       408         Schooling         No schooling       2.9       241         <5 years complete	separated/deserted	8.0	185
0       1.5       64         1-2       3.0       1,775         3-4       5.2       408         Schooling         No schooling       2.9       241         <5 years complete	Number of living children		
3-4       5.2       408         Schooling       2.9       241         <5 years complete	_	1.5	64
3-4       5.2       408         Schooling       2.9       241         <5 years complete	1-2	3.0	1.775
No schooling       2.9       241         <5 years complete			
No schooling       2.9       241         <5 years complete	Schooling		
<5 years complete		29	241
5-7 years complete       2.3       405         8-9 years complete       5.5       436         10-11 years complete       1.2       294         12 or more years complete       2.4       736         Religion         Hindu       3.6       2,037         Muslim       0.0       92         Christian       1.7       129         Caste/tribe         Scheduled caste       3.3       615         Scheduled tribe       0.0       71         Other backward class       3.6       1,539         Other       (0.0)       31			
8-9 years complete       5.5       436         10-11 years complete       1.2       294         12 or more years complete       2.4       736         Religion         Hindu       3.6       2,037         Muslim       0.0       92         Christian       1.7       129         Caste/tribe         Scheduled caste       3.3       615         Scheduled tribe       0.0       71         Other backward class       3.6       1,539         Other       (0.0)       31			
10-11 years complete       1.2       294         12 or more years complete       2.4       736         Religion         Hindu       3.6       2,037         Muslim       0.0       92         Christian       1.7       129         Caste/tribe         Scheduled caste       3.3       615         Scheduled tribe       0.0       71         Other backward class       3.6       1,539         Other       (0.0)       31			
12 or more years complete       2.4       736         Religion			
ReligionHindu3.62,037Muslim0.092Christian1.7129Caste/tribeScheduled caste3.3615Scheduled tribe0.071Other backward class3.61,539Other(0.0)31			
Hindu         3.6         2,037           Muslim         0.0         92           Christian         1.7         129           Caste/tribe         Scheduled caste         3.3         615           Scheduled tribe         0.0         71           Other backward class         3.6         1,539           Other         (0.0)         31			
Muslim0.092Christian1.7129Caste/tribe92Scheduled caste3.3615Scheduled tribe0.071Other backward class3.61,539Other(0.0)31	Religion		
Christian1.7129Caste/tribeScheduled caste3.3615Scheduled tribe0.071Other backward class3.61,539Other(0.0)31	Hindu	3.6	2,037
Caste/tribeScheduled caste3.3615Scheduled tribe0.071Other backward class3.61,539Other(0.0)31	Muslim	0.0	92
Scheduled caste3.3615Scheduled tribe0.071Other backward class3.61,539Other(0.0)31	Christian	1.7	129
Scheduled caste3.3615Scheduled tribe0.071Other backward class3.61,539Other(0.0)31	Casto/tribo		
Scheduled tribe0.071Other backward class3.61,539Other(0.0)31		2.2	615
Other backward class3.61,539Other(0.0)31			
Other (0.0) 31			
Total 3.3 2,260	Other	(0.0)	31
	Total	3.3	2,260

Note: Figures in parentheses are based on 25-49 unweighted cases. Total includes women age 18-19, never married women, women with 5 or more living children, women belonging to other religions, and women 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, Tamil Nadu, 2019-21

		In	the past 12 mor	nths
Type of violence	Ever <sup>1</sup>	Often	Sometimes	Often or sometimes
Physical violence				
Any form of physical violence	37.8	2.3	26.4	28.7
Pushed her, shook her, or threw something at her	12.2	1.1	8.9	10.0
Twisted her arm or pulled her hair	8.8	1.3	5.5	6.8
Slapped her	33.5	1.5	23.3	24.8
Punched her with his fist or with something that could hurt				
her	2.8	0.4	1.5	2.0
Kicked her, dragged her, or beat her up	12.4	0.9	9.1	10.0
Tried to choke her or burn her on purpose	1.1	0.2	0.8	1.0
Threatened her or attacked her with a knife, gun, or any				
other weapon	0.4	0.1	0.3	0.4
Sexual violence				
Any form of sexual violence	2.2	0.5	1.4	1.8
Physically forced her to have sexual intercourse with him				
even when she did not want to	2.0	0.3	1.4	1.7
Physically forced her to perform any sexual acts she did not				
want to	0.6	0.2	0.4	0.5
Forced her with threats or in any other way to perform sexual				
acts she did not want to	0.9	0.2	0.5	0.8
Emotional violence				
Any form of emotional violence	10.9	1.6	7.6	9.2
Said or did something to humiliate her in front of others	8.0	1.2	5.4	6.6
Threatened to hurt or harm her or someone close to her	2.6	0.6	1.4	2.0
Insulted her or made her feel bad about herself	5.6	1.0	3.6	4.7
Any form of physical and/or sexual violence	38.0	2.5	26.5	29.0
Any form of physical and sexual violence	2.0	0.3	1.3	1.6
Any form of physical and/or sexual and/or emotional violence	39.6	3.1	27.7	30.8
Any form of physical and sexual and emotional violence	1.3	0.2	0.7	1.0
Any violence by women against their husband <sup>2</sup>	7.7	0.1	6.7	6.8
Number of ever-married women	2,368	2,368	2,368	2,368

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, Tamil Nadu, 2019-21

					Emotional,	
	Emotional	Physical	Sexual	Physical or	physical, or	Number o
Background characteristic	violence	violence	violence	sexual violence	sexual violence	women
Age						
20-24	6.3	29.4	1.9	29.4	30.1	185
25-29	5.4	26.1	0.8	26.1	27.2	366
30-39	12.6	41.5	2.2	41.8	44.1	956
40-49	12.5	41.0	2.9	41.2	42.4	838
Residence						
Urban	9.3	32.8	1.2	32.9	35.0	1,058
Rural	12.2	41.8	3.0	42.2	43.4	1,310
Schooling						
No schooling	10.6	46.4	1.8	46.4	47.2	246
_	10.8				47.2 52.1	
<5 years complete		48.8	4.5	51.5		151
5-7 years complete	13.9	47.8	3.4	47.8	49.1	415
8-9 years complete	15.4	41.1 26 F	2.2	41.3 26 F	43.9	457
10-11 years complete	7.1	36.5	2.5	36.5 26 F	37.2	305
12 or more years complete	6.7	26.4	1.2	26.5	28.4	793
Employment (past 12 months)						
Not employed	8.2	31.0	1.7	31.0	32.6	1,206
Employed for cash	13.4	44.8	2.6	45.3	46.8	1,102
Employed not for cash	18.4	46.7	5.0	46.7	49.6	60
Marital status						
Currently married	9.8	36.7	2.0	36.9	38.6	2,174
Widowed	9.6	44.6	3.6	44.6	44.6	132
Divorced/separated/deserted	50.5	63.1	6.4	63.1	66.9	62
Marital duration <sup>1</sup>						
Married only once	10.9	37.9	2.2	38.1	39.7	2,348
0-4 years	4.4	23.0	1.0	23.0	24.1	335
5-9 years	6.7	32.3	1.6	32.5	34.1	379
10 or more years	13.2	42.2	2.6	42.5	44.1	1,635
Number of living children						
0	7.4	23.3	1.0	23.3	24.4	174
1-2	10.9	36.6	2.2	36.8	38.7	1,773
3-4	12.1	48.9	3.0	49.1	49.6	408
Household structure <sup>2</sup>						
Nuclear	11.8	42.2	2.3	42.4	44.3	1,486
Non-nuclear	9.4	30.4	2.0	30.7	31.8	882
Religion						
Hindu	11.6	38.9	2.2	39.2	40.8	2,139
Muslim	3.7	28.1	0.0	28.1	29.2	94
	5.4	26.9	3.2	26.9	28.2	134

## 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, Tamil Nadu, 2019-21

Background characteristic	Emotional violence	Physical violence	Sexual violence	Physical or sexual violence	Emotional, physical, or sexual violence	Number of women
Caste/tribe						
Scheduled caste	12.3	43.5	1.9	44.0	46.6	644
Scheduled tribe	10.7	40.3	1.5	40.3	40.3	73
Other backward class	10.3	35.7	2.4	35.8	37.0	1,614
Other	(15.3)	(30.1)	(1.6)	(30.1)	(33.2)	32
Respondent's father beat						
her mother						
Yes	13.2	48.3	2.2	48.7	50.9	1,125
No	8.8	28.1	2.1	28.2	29.3	1,230
Total	10.9	37.8	2.2	38.0	39.6	2,368

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 age 18-19, women married more than once, women with 5 or more living children, women belonging to other religions, women who don't know their caste/tribe, and women who don't know whether their father beat their mother, 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, Tamil Nadu, 2019-21

	Emotional	Physical		Physical or	Emotional, physical, or	Number o
Background characteristic	violence	violence	Sexual violence	sexual violence	sexual violence	women
Under alle este e l'an						
Husband's schooling	12.4	40.0	4.0	40.0	40.0	222
No schooling	13.4	48.0	4.8	48.0	48.8	223
<5 years complete	22.6	57.1	6.5	59.7	60.3	154
5-7 years complete	12.2	47.0	2.2	47.2	47.8	462
8-9 years complete	12.0	41.7	2.8	41.7	45.1	464
10-11 years complete	6.8	29.0	1.2	29.1	30.6	435
12 or more years complete	8.1	26.1	0.5	26.1	27.6	626
Husband's alcohol consumption						
Does not drink	6.1	26.8	0.9	27.0	28.5	1,503
Drinks/never gets drunk	(3.9)	(22.5)	(0.4)	(22.5)	(24.7)	62
Gets drunk sometimes	15.1	56.0	2.7	56.1	57.6	666
Gets drunk often	46.0	76.9	14.5	78.4	81.0	138
Spousal age difference <sup>1</sup>						
Wife older	(19.9)	(48.2)	(4.0)	(48.2)	(49.9)	36
Wife is same age	4.3	38.1	1.1	39.0	41.4	72
Wife 1-4 years younger	9.3	37.7	1.2	38.1	39.8	703
Wife 5-9 years younger	9.2	37.4	2.6	37.6	38.6	935
Wife 10 or more years younger	12.2	32.3	2.0	32.3	35.0	428
Spousal schooling difference	117	38.3	1.8	38.3	40.2	871
Husband has more schooling	11.7				40.2	
Wife has more schooling	11.8	38.1	2.7	38.2	39.4	1,015
Both have equal schooling	7.3	32.1	2.3	33.3	35.3	354
Neither attended school	7.5	49.6	0.9	49.6	50.6	125
Number of marital control behaviours displayed by husband <sup>2</sup>						
	4.2	20.2	0.5	20.4	20.2	1 407
0	4.2	29.3	0.5	29.4	30.3	1,497
1-2	15.3	46.6	3.3	46.9	48.7	647
3-4	38.5	68.5	8.1	70.1	74.7	176
5-6	59.5	71.3	20.7	71.3	78.4	49
Number of decisions in which						
women participate <sup>3</sup>	12.2		2.0	26 5	20.2	450
0	12.3	36.5	3.9	36.5	39.3	158
1-2	11.1	44.1	3.6	45.0	47.3	422
3	9.3	34.7	1.4	34.8	36.2	1,594
Number of reasons for which wife beating is justified <sup>4</sup>						
0	5.1	21.3	0.7	21.3	22.3	485
1-2	8.7	35.8	1.8	35.8	37.0	661
3-4	17.7	48.4	2.6	48.6	51.1	736
5-6	8.6	40.4	3.6	48.0	43.6	379
7	12.2	39.5	4.7	39.5	43.0	107
1	12.2	0.00	4.7	5.0	-1.U	107

#### 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, Tamil Nadu, 2019-21

Background characteristic	Emotional violence	Physical violence	Sexual violence	Physical or sexual violence	Emotional, physical, or sexual violence	Number of women
Number of reasons given for refusing to						
have sexual intercourse with husband <sup>5</sup>						
0	14.7	35.0	1.1	35.0	38.3	162
1-2	12.2	50.8	0.7	51.0	52.1	241
3	10.4	36.5	2.5	36.7	38.2	1,965
Afraid of husband						
Most of the time	27.2	65.9	6.6	66.7	69.5	319
Sometimes	9.3	39.3	1.6	39.5	40.9	1,396
Never	6.4	20.9	1.3	20.9	22.2	653
Total	10.9	37.8	2.2	38.0	39.6	2,368

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> 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, Tamil Nadu, 2019-21

		Percentag	e of women wł	no have had:		_
Type of spousal violence experienced	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	Number of ever-married women
Type of spousal violence experienced	of acries	Severe builts	buills	serious injury	injunes	women
Experienced physical violence						
Ever <sup>1</sup>	17.0	1.1	3.9	3.9	19.9	895
In the past 12 months	19.0	1.3	4.2	4.4	22.2	680
Experienced sexual violence						
Ever <sup>1</sup>	39.6	1.0	11.9	17.3	43.3	52
In the past 12 months	43.6	1.1	14.3	20.8	48.0	44
Experienced physical or sexual violence						
Ever <sup>1</sup>	16.9	1.1	3.9	3.8	19.8	901
In the past 12 months	18.9	1.3	4.3	4.4	22.1	686
Experienced physical and sexual violence						
Ever <sup>1</sup>	44.4	1.1	11.9	19.4	47.1	47
In the past 12 months	(49.8)	(1.3)	(14.9)	(24.2)	(53.2)	37

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, Tamil Nadu, 2019-21

	Type of violen		
		Both physical	
Help seeking /source of help	Physical only	and sexual	Total
Help seeking			
Never sought help and never told anyone	83.5	42.7	81.1
Never sought help but told someone	6.5	18.2	7.0
Sought help	10.1	39.1	11.9
Number of women who experienced			
violence	1,072	61	1,145
Sources of help among those who sought			
any help <sup>1</sup>			
Own family	81.9	(79.0)	81.6
Husband's family	11.9	(5.5)	10.4
Current/former husband	0.4	(0.0)	0.3
Current/former boyfriend	0.0	(0.0)	0.0
Friend	9.9	(10.4)	10.9
Neighbour	13.1	(30.1)	15.7
Religious leader	0.0	(2.1)	0.4
Doctor/medical personnel	0.3	(3.3)	1.6
Police	1.3	(10.4)	2.8
Lawyer	0.0	(1.6)	0.3
Social service organization	1.9	(4.5)	2.3
Other	0.0	(0.0)	0.0
Number of women who experienced			
violence and sought help	108	24	136

Note: Figures in parentheses are based on 25-49 unweighted cases. Total includes women who have experienced sexual violence only, who are not shown separately.

<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

$$z_{hi} = y_{hi} - rx_{hi}$$
, 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  $h^{th}$  stratum,

- $y_{hi}$  is the sum of the weighted values of variable *y* in the *i*<sup>th</sup> cluster in the *h*<sup>th</sup> stratum,
- $x_{hi}$  is the sum of the weighted number of cases in the  $i^{th}$  cluster in the  $h^{th}$  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 Tamil Nadu, there were 1344 clusters. Hence, 1344 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 1344 clusters,

- r(i) is the estimate computed from the reduced sample of 1343 clusters (*i*<sup>th</sup> 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±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 Tamil Nadu 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-A.4 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±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, Tamil Nadu, 2019-21

Variable	Estimate	Base population
	HOUSEHO	DS
Jsing an improved source of drinking water	Proportion	Households
Jsing an improved sanitation facility	Proportion	Households
Jsing iodized salt	Proportion	Households
Sex ratio (females per 1,000 males)	Ratio	De facto household population, all ages
	WOMEN	
No schooling (Females age 6 years and above)	Proportion	De facto household population of females age 6 and above
Jrban residence	Proportion	Women age 15-49
No schooling (Women age 15-49)	Proportion	Women age 15-49
Completed 10 or more years of schooling lever married, including married <i>gauna</i> not performed	Proportion Proportion	Women age 15-49 Women age 15-49
Currently married	Proportion	Women age 15-49 Women age 15-49
Aarried 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
Jsing public health sector source of contraception	Proportion	Women age 15-49 currently using modern methods of contraceptio
Inmet need for family planning	Proportion	Currently married women age 15-49
Vant no more children	Proportion	Currently married women age 15-49
Vant to delay next birth at least 2 years	Proportion	Currently married women age 15-49
Nother received four or more antenatal care (ANC) visits	Proportion	Women with at least one birth in last five years (last birth)
ook 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	De jure children under age 5 years
Births delivered by a skilled provider	Proportion	Births in last 5 years
nstitutional 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
reated 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) Child received first dose of measles vaccine	Proportion Proportion	Children age 12-23 months Children age 12-23 months
Child received first dose of measies vaccine Child received penta or hepatitis B vaccination (3 doses)	Proportion	Children age 12-23 months
Child with all basic vaccinations	Proportion	Children age 12-23 months
leight-for-age, stunting (below -2SD)	Proportion	Children under age 5 years who were measured
Veight-for-height, wasting (below -2SD)	Proportion	Children under age 5 years who were measured
Veight-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
Vomen 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/m²	Proportion	Women age 15-49 who were measured
Vaist-to-hip ratio ≥0.85	Proportion	Women age 15-49 who were measured
lave heard of HIV or AIDS	Proportion	Women age 15-49
lave comprehensive knowledge about HIV/AIDS	Proportion	Women age 15-49
ever experienced physical or sexual violence	Proportion	Women age 15-49
otal fertility rate (last 3 years)	Rate	Women
leonatal mortality	Rate	Births in last 5 years
Postneonatal mortality	Rate	Births in last 5 years
nfant mortality	Rate	Births in last 5 years
	Rate	Births in last 5 years
Child mortality Jnder-five mortality	Rate	Births in last 5 years

No schooling (Males age 6 years and above) Urban residence No schooling (Men age 15-49) Completed 10 or more years of schooling Never married, including married <i>gauna</i> not performed Currently married	Proportion Proportion Proportion Proportion Proportion	<i>De facto</i> household population of males age 6 and above Men age 15-49 Men age 15-49 Men age 15-49 Men age 15-49 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, Tamil Nadu, 2019-21

		Standard	Number	Number of cases		Relative standard	Confidence limits	
Variable	Value (R)	error (SE)	Unweighted (N)	Weighted (WN)	Design effect (DEFT)	error (SE/R)	R-2SE	R+2SE
Valiable	(15)	HOUSEHO		(0010)		(3L/K)	N-20L	NT20L
Jsing an improved source of drinking water	0.986	0.002	27,929	27,929	2.423	0.002	0.983	0.990
Jsing an improved sanitation facility	0.712	0.007	27,929	27,929	2.736	0.010	0.697	0.727
Jsing iodized salt	0.920	0.004	27,746	27,731	2.326	0.004	0.912	0.928
Sex ratio (females per 1,000 males)	1,087.971	5.954 WOMEN	45,007	45,531	1.214	0.005	1,076.063	1,099.879
No schooling (Females age 6 years and above)	0.196	0.003	46,211	46,047	1.589	0.015	0.190	0.202
Jrban residence	0.482	0.007	25,650	25,650	2.293	0.015	0.468	0.496
No schooling (Women age 15-49)	0.095	0.003	25,650	25,650	1.526	0.029	0.089	0.100
Completed 10 or more years of schooling	0.566	0.005	25,650	25,650 25.650	1.502	0.008	0.556	0.575
Never married, including married <i>gauna</i> not performed Currently married	0.216 0.720	0.003 0.003	25,650 25,650	25,650	1.127 1.157	0.013 0.005	0.211 0.714	0.222 0.727
Married before age 18	0.246	0.004	22,260	22,237	1.343	0.016	0.238	0.253
Currently using any contraceptive method	0.686	0.005	18,537	18,472	1.447	0.007	0.676	0.695
Currently using a modern contraceptive method	0.655 0.031	0.005	18,537	18,472	1.468	0.008	0.645	0.665
Currently using a traditional contraceptive method Currently using pill	0.003	0.002 0.001	18,537 18,537	18,472 18,472	1.476 1.298	0.061 0.166	0.027 0.002	0.035 0.004
Currently using IUD/PPIUD	0.048	0.002	18,537	18,472	1.264	0.041	0.044	0.052
Currently using condom/Nirodh	0.018	0.001	18,537	18,472	1.382	0.075	0.015	0.021
Currently using female sterilization	0.578	0.005	18,537	18,472	1.356	0.009	0.569	0.588
Jsing public health sector source of contraception Jnmet need for family planning	0.731 0.075	0.007 0.003	13,130 18,537	13,036 18,472	1.710 1.365	0.009 0.035	0.718 0.069	0.744 0.080
Vant no more children	0.073	0.003	18,537	18,472	1.281	0.005	0.009	0.080
Vant to delay next birth at least 2 years	0.069	0.002	18,537	18,472	1.270	0.034	0.064	0.074
Mother received four or more antenatal care (ANC) visits	0.899	0.007	5,228	5,122	1.578	0.007	0.886	0.912
Fook iron and folic acid (IFA) for 100 days or more Birth registration	0.825 0.983	0.007 0.002	5,228 6,202	5,122 6,148	1.345 1.236	0.009 0.002	0.810 0.979	0.839 0.987
Births delivered by a skilled provider	0.985	0.002	6,498	6,403	1.002	0.002	0.979	0.987
nstitutional delivery	0.996	0.001	6,498	6,403	1.409	0.001	0.993	0.998
Postnatal check for mother within 2 days of birth	0.924	0.005	5,228	5,122	1.352	0.005	0.914	0.934
Postnatal check for newborn within 2 days of birth	0.940	0.004	5,228	5,122	1.279	0.004	0.932	0.949
Exclusive breastfeeding Children with diarrhoea in the last two weeks	0.555 0.037	0.031 0.003	603 6,373	623 6,283	1.577 1.110	0.056 0.071	0.493 0.032	0.618 0.042
Freated with oral rehydration salt (ORS) packets	0.538	0.038	237	233	1.167	0.071	0.462	0.614
Children with diarrhoea taken to a health provider	0.602	0.037	237	233	1.156	0.062	0.528	0.676
Child received BCG vaccination	0.976	0.005	1,291	1,258	1.144	0.005	0.966	0.986
Child received penta or DPT vaccination (3 doses) Child received polio vaccination (3 doses)	0.947 0.915	0.007 0.009	1,291 1,291	1,258 1,258	1.112 1.134	0.007 0.010	0.933 0.897	0.962 0.933
Child received policivaccination (3 doses)	0.913	0.003	1,291	1,258	1.196	0.010	0.897	0.933
Child received penta or hepatitis B vaccination (3 doses)	0.923	0.009	1,291	1,258	1.160	0.009	0.906	0.94
Child with all basic vaccinations	0.892	0.011	1,291	1,258	1.199	0.012	0.871	0.913
Height-for-age, stunting (below -2SD)	0.250	0.007	5,896	5,779	1.219	0.029	0.236	0.265
Veight-for-height, wasting (below -2SD) Veight-for-age, underweight (below -2SD)	0.146 0.220	0.006 0.008	5,782 6,016	5,663 5,903	1.313 1.476	0.043 0.038	0.134 0.203	0.159 0.236
Children with any anaemia	0.574	0.008	5,322	5,193	1.173	0.014	0.558	0.591
Nomen with any anaemia	0.534	0.005	24,730	24,453	1.450	0.009	0.525	0.543
Body mass index (BMI) <18.5 kg/m <sup>2</sup>	0.126	0.003	24,078	23,835	1.331	0.023	0.120	0.131
3ody mass index (BMI) ≥25.0 kg/m² Vaist-to-hip ratio ≥0.85	0.404 0.557	0.005 0.006	24,078 24,058	23,835 23,814	1.485 1.860	0.012 0.011	0.395 0.545	0.414 0.569
Have heard of HIV or AIDS	0.984	0.002	3,772	3,794	1.153	0.002	0.979	0.989
Have comprehensive knowledge about HIV/AIDS	0.236	0.012	3,772	3,794	1.764	0.052	0.212	0.260
Ever experienced physical or sexual violence	0.415	0.014	2,760	2,760	1.522	0.034	0.386	0.444
Fotal fertility rate (last 3 years) Neonatal mortality	1.755 12.692	0.032 1.631	73,907 6,520	73,852 6,407	1.203 1.103	0.018 0.129	1.691 9.429	1.820 15.954
Postneonatal mortality	5.951	1.141	6,530	6,407	1.103	0.129	9.429 3.668	8.234
nfant mortality	18.643	1.953	6,524	6,411	1.122	0.105	14.737	22.548
Child mortality	3.735	0.774	6,458	6,306	1.028	0.207	2.186	5.284
Jnder-five mortality	22.308	2.117	6,538	6,423	1.123	0.095	18.073	26.542
lo schooling (Males age 6 years and above)	0.090	MEN 0.002	40,967	41,544	1.464	0.023	0.085	0.094
Jrban residence	0.090	0.002	2,993	2,999	1.746	0.023	0.005	0.03
No schooling (Men age 15-49)	0.040	0.005	2,993	2,999	1.340	0.120	0.030	0.049
Completed 10 or more years of schooling	0.591	0.015	2,993	2,999	1.636	0.025	0.562	0.62
Never married, including married <i>gauna</i> not performed Currently married	0.387 0.601	0.010 0.011	2,993 2,993	2,999 2,999	1.135 1.175	0.026 0.018	0.367 0.580	0.407 0.622
Aarried before age 21	0.001	0.001	2,993	2,999	1.372	0.018	0.062	0.022
Vant no more children	0.697	0.011	1,790	1,801	1.049	0.016	0.674	0.72
Vant to delay next birth at least 2 years	0.082	0.008	1,790	1,801	1.163	0.092	0.067	0.09
/len with any anaemia 3ody mass index (BMI) <18.5 kg/m²	0.152 0.121	0.010 0.008	2,824 2,876	2,811 2,871	1.402 1.320	0.065 0.068	0.133 0.104	0.172 0.133
30dy mass index (BMI) <18.5 kg/m² 3ody mass index (BMI) ≥25.0 kg/m²	0.121	0.008	2,876 2,876	2,871 2,871	1.320	0.068	0.104 0.348	0.13
Vaist-to-hip ratio ≥0.90	0.562	0.014	2,877	2,871	1.504	0.025	0.534	0.59
Have heard of HIV or AIDS	0.982	0.003	2,993	2,999	1.429	0.004	0.975	0.989
Have comprehensive knowledge about HIV/AIDS	0.266	0.015	2,993	2,999	1.872	0.057	0.235	0.296

## Table A.3 Sampling errors: Urban sample, Tamil Nadu, 2019-21

		Ctondord	Number	Number of cases		Relative	Confidence limits	
	Value	Standard error	Unweighted	Weighted	Design effect	standard error		
Variable	(R)	(SE) HOUSEHO	(N)	(WN)	(DEFT)	(SE/R)	R-2SE	R+2SE
Using an improved source of drinking water	0.991	0.002	11,806	13,371	1.813	0.002	0.987	0.994
Using an improved source of drinking water Using an improved sanitation facility	0.991	0.002	11,806	13,371	2.541	0.002	0.987	0.994
Using iodized salt	0.950	0.004	11,721	13,266	2.057	0.004	0.941	0.958
Sex ratio (females per 1,000 males)	1,061.634	8.812	19,234	22,065	1.198	0.008	1,044.009	1,079.258
	0.404	WOMEN	40.054	04.050	4.075	0.004	0.400	0.4.40
No schooling (Females age 6 years and above) No schooling (Women age 15-49)	0.131 0.060	0.004 0.003	19,351 10,879	21,858 12,361	1.675 1.409	0.031 0.054	0.123 0.053	0.140 0.066
Completed 10 or more years of schooling	0.637	0.008	10,879	12,361	1.696	0.012	0.622	0.653
Never married, including married gauna not performed Currently married	0.231 0.708	0.005 0.005	10,879	12,361	1.142 1.169	0.020 0.007	0.222 0.698	0.241 0.718
Married before age 18	0.708	0.005	10,879 9,494	12,361 10,769	1.390	0.007	0.098	0.206
Currently using any contraceptive method	0.676	0.008	7,720	8,751	1.413	0.011	0.661	0.691
Currently using a modern contraceptive method Currently using a traditional contraceptive method	0.640 0.035	0.008 0.003	7,720 7,720	8,751 8,751	1.436 1.405	0.012 0.083	0.625 0.029	0.656 0.041
Currently using a traditional contraceptive method	0.003	0.003	7,720	8,751	1.283	0.083	0.029	0.041
Currently using IUD/PPIUD	0.048	0.003	7,720	8,751	1.294	0.065	0.042	0.055
Currently using condom/Nirodh Currently using female sterilization	0.026 0.556	0.002 0.008	7,720 7,720	8,751 8,751	1.338 1.343	0.094 0.014	0.021 0.541	0.030 0.571
Using public health sector source of contraception	0.655	0.000	5,378	6,034	1.851	0.014	0.631	0.679
Unmet need for family planning	0.081	0.004	7,720	8,751	1.353	0.052	0.073	0.090
Want no more children Want to delay next birth at least 2 years	0.737 0.068	0.006 0.004	7,720 7,720	8,751 8,751	1.250 1.253	0.009 0.053	0.724 0.060	0.749 0.075
Mother received four or more antenatal care (ANC) visits	0.888	0.001	2,110	2,335	1.557	0.012	0.866	0.910
Took iron and folic acid (IFA) for 100 days or more	0.842	0.011	2,110	2,335	1.376	0.013	0.820	0.864
Birth registration Births delivered by a skilled provider	0.983 1.000	0.003 0.000	2,466 2,543	2,742 2,841	1.290 0.967	0.004 0.000	0.976 0.999	0.990 1.000
Institutional delivery	0.998	0.001	2,543	2,841	1.234	0.001	0.995	1.000
Postnatal check for mother within 2 days of birth	0.920	0.008	2,110	2,335	1.318	0.009	0.904	0.936
Postnatal check for newborn within 2 days of birth Exclusive breastfeeding	0.942 0.463	0.006 0.037	2,110 243	2,335 261	1.254 1.124	0.007 0.079	0.929 0.390	0.955 0.537
Children with diarrhoea in the last two weeks	0.036	0.004	2,511	2,801	1.138	0.118	0.027	0.044
Treated with oral rehydration salt (ORS) packets	0.510 0.620	0.064	86 86	100 100	1.207	0.126 0.101	0.382	0.638 0.745
Children with diarrhoea taken to a health provider Child received BCG vaccination	0.820	0.063 0.008	524	593	1.219 1.088	0.008	0.494 0.953	0.745
Child received penta or DPT vaccination (3 doses)	0.930	0.013	524	593	1.106	0.014	0.905	0.955
Child received polio vaccination (3 doses) Child received first dose of measles vaccine	0.899 0.947	0.015 0.012	524 524	593 593	1.103 1.209	0.016 0.013	0.870 0.922	0.929 0.971
Child received penta or hepatitis B vaccination (3 doses)	0.947	0.012	524	593	1.156	0.013	0.922	0.971
Child with all basic vaccinations	0.864	0.018	524	593	1.187	0.021	0.828	0.900
Height-for-age, stunting (below -2SD) Weight-for-height, wasting (below -2SD)	0.222 0.139	0.011 0.009	2,289 2,244	2,511 2,453	1.226 1.201	0.050 0.065	0.200 0.121	0.245 0.157
Weight-for-age, underweight (below -25D)	0.139	0.009	2,244	2,433	1.378	0.060	0.121	0.137
Children with any anaemia	0.537	0.013	2,070	2,280	1.165	0.025	0.510	0.563
Women with any anaemia Body mass index (BMI) <18.5 kg/m <sup>2</sup>	0.513 0.096	0.007 0.004	10,281 10,061	11,455 11,247	1.431 1.351	0.014 0.042	0.498 0.088	0.527 0.104
Body mass index (BMI) ≥25.0 kg/m <sup>2</sup>	0.461	0.004	10,061	11,247	1.480	0.042	0.446	0.104
Waist-to-hip ratio ≥0.85	0.582	0.009	10,052	11,234	1.828	0.016	0.563	0.600
Have heard of HIV or AIDS Have comprehensive knowledge about HIV/AIDS	0.993 0.246	0.003 0.017	1,602 1,602	1,760 1,760	1.359 1.557	0.003 0.068	0.987 0.212	0.999 0.279
Ever experienced physical or sexual violence	0.362	0.024	1,178	1,282	1.723	0.067	0.313	0.410
Total fertility rate (last 3 years)	1.611	0.047	31,357	35,584	1.218	0.029	1.517	1.705
Neonatal mortality Postneonatal mortality	8.470 6.376	2.371 2.036	2,550 2,555	2,850 2,858	1.207 1.303	0.280 0.319	3.727 2.305	13.212 10.447
Infant mortality	14.845	3.061	2,552	2,853	1.237	0.206	8.724	20.967
Child mortality	2.470	0.959	2,546	2,852	1.038	0.388	0.552	4.387
Under-five mortality	17.279	3.149	2,555	2,856	1.208	0.182	10.980	23.577
No schooling (Malos and Succession)	0.050	MEN	17 600	20.204	1 500	0.046	0.054	0.064
No schooling (Males age 6 years and above) No schooling (Men age 15-49)	0.059 0.034	0.003 0.007	17,623 1,302	20,284 1,435	1.522 1.394	0.046 0.205	0.054 0.020	0.064 0.048
Completed 10 or more years of schooling	0.643	0.027	1,302	1,435	2.009	0.042	0.590	0.697
Never married, including married gauna not performed	0.399	0.015	1,302	1,435	1.124	0.038	0.368	0.429
Currently married Married before age 21	0.592 0.056	0.016 0.009	1,302 925	1,435 1,020	1.182 1.190	0.027 0.161	0.560 0.038	0.624 0.074
Want no more children	0.713	0.017	770	849	1.048	0.024	0.679	0.747
Want to delay next birth at least 2 years	0.070	0.012	770	849	1.257	0.165	0.047	0.093
Men with any anaemia Body mass index (BMI) <18.5 kg/m²	0.150 0.113	0.016 0.011	1,202 1,233	1,313 1,348	1.430 1.182	0.104 0.097	0.119 0.091	0.181 0.135
Body mass index (BMI) ≥25.0 kg/m²	0.431	0.018	1,233	1,348	1.210	0.041	0.396	0.467
Waist-to-hip ratio ≥0.90 Have heard of HIV or AIDS	0.555 0.983	0.024 0.006	1,235 1,302	1,348 1,435	1.714 1.785	0.044 0.006	0.507 0.971	0.604 0.996
Have comprehensive knowledge about HIV/AIDS	0.965	0.008	1,302	1,435	1.827	0.008	0.971	0.990

## Table A.4 Sampling errors: Rural sample, Tamil Nadu, 2019-21

		Ctondord	Number	of cases	Design	Relative standard error (SE/R)	Confidence limits	
Variable	Value (R)	Standard error (SE)	Unweighted (N)	Weighted (WN)	Design effect (DEFT)		R-2SE	R+2SE
Valiable	(13)	HOUSEHO		(0010)			N-20L	N+20L
Using an improved source of drinking water	0.982	0.003	16,123	14,558	2.767	0.003	0.976	0.988
Using an improved sanitation facility	0.616	0.010	16,123	14,558	2.645	0.016	0.596	0.636
Using iodized salt Sex ratio (females per 1,000 males)	0.893 1,112.737	0.006 7.927	16,025 25,773	14,464 23,466	2.590 1.199	0.007 0.007	0.880 1,096.883	0.905 1,128.591
	1,112.707	WOMEN	20,110	20,400	1.100	0.007	1,000.000	1,120.001
No schooling (Females age 6 years and above)	0.255	0.004	26,860	24,190	1.461	0.015	0.247	0.262
No schooling (Women age 15-49)	0.127	0.004	14,771	13,289	1.722	0.010	0.118	0.137
Completed 10 or more years of schooling	0.499	0.006	14,771	13,289	1.353	0.011	0.488	0.510
Never married, including married gauna not performed Currently married	0.202 0.732	0.004 0.004	14,771 14,771	13,289 13,289	1.090 1.122	0.018 0.006	0.195 0.723	0.210 0.740
Married before age 18	0.732	0.004	12,766	11,468	1.261	0.000	0.723	0.303
Currently using any contraceptive method	0.694	0.007	10,817	9,722	1.470	0.009	0.681	0.708
Currently using a modern contraceptive method	0.668	0.007	10,817	9,722	1.488	0.010	0.654	0.681
Currently using a traditional contraceptive method Currently using pill	0.027 0.003	0.002 0.001	10,817 10,817	9,722 9,722	1.516 1.261	0.088 0.233	0.022 0.001	0.031 0.004
Currently using IUD/PPIUD	0.000	0.001	10,817	9,722	1.208	0.052	0.042	0.052
Currently using condom/Nirodh	0.012	0.001	10,817	9,722	1.373	0.122	0.009	0.014
Currently using female sterilization	0.599	0.006	10,817	9,722	1.372	0.011	0.586	0.612
Using public health sector source of contraception Unmet need for family planning	0.797 0.069	0.007 0.003	7,752 10,817	7,002 9,722	1.484 1.333	0.009 0.047	0.783 0.062	0.811 0.075
Want no more children	0.745	0.005	10,817	9,722	1.308	0.007	0.734	0.756
Want to delay next birth at least 2 years	0.071	0.003	10,817	9,722	1.267	0.044	0.064	0.077
Mother received four or more antenatal care (ANC) visits Took iron and folic acid (IFA) for 100 days or more	0.908 0.810	0.008 0.009	3,118 3,118	2,787 2,787	1.551 1.308	0.009 0.011	0.892 0.792	0.924 0.829
Birth registration	0.983	0.003	3,736	3,406	1.182	0.003	0.792	0.829
Births delivered by a skilled provider	0.997	0.001	3,955	3,562	1.053	0.001	0.995	0.999
Institutional delivery	0.994	0.002	3,955	3,562	1.513	0.002	0.990	0.998
Postnatal check for mother within 2 days of birth Postnatal check for newborn within 2 days of birth	0.927 0.938	0.006 0.006	3,118 3,118	2,787 2,787	1.365 1.298	0.007 0.006	0.915 0.927	0.940 0.950
Exclusive breastfeeding	0.621	0.042	360	362	1.748	0.068	0.537	0.706
Children with diarrhoea in the last two weeks	0.038	0.003	3,862	3,482	1.086	0.088	0.031	0.045
Treated with oral rehydration salt (ORS) packets	0.559	0.046	151	133	1.124	0.082	0.467	0.651
Children with diarrhoea taken to a health provider Child received BCG vaccination	0.589 0.982	0.045 0.006	151 767	133 665	1.098 1.178	0.076 0.006	0.500 0.971	0.678 0.994
Child received penta or DPT vaccination (3 doses)	0.963	0.007	767	665	1.052	0.008	0.948	0.978
Child received polio vaccination (3 doses)	0.929	0.011	767	665	1.129	0.011	0.908	0.950
Child received first dose of measles vaccine Child received penta or hepatitis B vaccination (3 doses)	0.968 0.941	0.007 0.010	767 767	665 665	1.076 1.116	0.007 0.010	0.954 0.922	0.982 0.960
Child with all basic vaccinations	0.941	0.010	767	665	1.155	0.010	0.922	0.900
Height-for-age, stunting (below -2SD)	0.272	0.009	3,607	3,268	1.231	0.034	0.253	0.291
Weight-for-height, wasting (below -2SD)	0.152	0.009	3,538	3,210	1.393	0.057	0.135	0.169
Weight-for-age, underweight (below -2SD) Children with any anaemia	0.235 0.604	0.011 0.011	3,671 3,252	3,326 2,913	1.529 1.196	0.048 0.018	0.213 0.583	0.258 0.625
Women with any anaemia	0.553	0.006	14,449	12,998	1.445	0.010	0.541	0.565
Body mass index (BMI) <18.5 kg/m <sup>2</sup>	0.152	0.004	14,017	12,588	1.286	0.026	0.144	0.160
Body mass index (BMI) ≥25.0 kg/m <sup>2</sup>	0.354	0.006	14,017	12,588	1.406	0.016	0.343	0.365
Waist-to-hip ratio ≥0.85 Have heard of HIV or AIDS	0.535 0.976	0.008 0.004	14,006 2,170	12,580 2,033	1.858 1.130	0.015 0.004	0.520 0.969	0.551 0.983
Have comprehensive knowledge about HIV/AIDS	0.228	0.018	2,170	2,033	1.973	0.078	0.192	0.263
Ever experienced physical or sexual violence	0.461	0.017	1,582	1,478	1.342	0.036	0.428	0.495
Total fertility rate (last 3 years) Neonatal mortality	1.889 16.085	0.043 2.237	42,551 3,970	38,269 3,557	1.156 1.065	0.023 0.139	1.804 11.611	1.975 20.559
Postneonatal mortality	5.609	1.243	3,975	3,542	1.003	0.139	3.122	8.095
Infant mortality	21.693	2.525	3,972	3,558	1.054	0.116	16.642	26.744
Child mortality	4.799	1.175	3,912	3,454	1.054	0.245	2.449	7.149
Under-five mortality	26.389	2.872	3,983	3,568	1.086	0.109	20.644	32.133
No schooling (Males age 6 years and above)	0.119	0.003	23,344	21,261	1.462	0.026	0.113	0.125
No schooling (Males age 6 years and above)	0.045	0.003	23,344 1,691	1,564	1.320	0.028	0.032	0.125
Completed 10 or more years of schooling	0.543	0.017	1,691	1,564	1.374	0.031	0.510	0.576
Never married, including married gauna not performed	0.377	0.013	1,691	1,564	1.125	0.035	0.350	0.403
Currently married Married before age 21	0.609 0.096	0.014 0.013	1,691 1,238	1,564 1,165	1.144 1.509	0.022 0.132	0.582 0.071	0.636 0.121
Want no more children	0.683	0.015	1,020	952	1.064	0.023	0.652	0.714
Want to delay next birth at least 2 years	0.092	0.010	1,020	952	1.089	0.107	0.072	0.112
Men with any anaemia Redy mass index (RMI) <18.5 kg/m <sup>2</sup>	0.155	0.013	1,622	1,498	1.363	0.081	0.130	0.180
Body mass index (BMI) <18.5 kg/m² Body mass index (BMI) ≥25.0 kg/m²	0.127 0.316	0.012 0.013	1,643 1,643	1,523 1,523	1.449 1.155	0.095 0.042	0.103 0.289	0.152 0.343
Waist-to-hip ratio ≥0.90	0.568	0.015	1,642	1,523	1.226	0.042	0.538	0.598
Have heard of HIV or AIDS	0.980	0.003	1,691	1,564	0.984	0.003	0.974	0.987
Have comprehensive knowledge about HIV/AIDS	0.224	0.018	1,691	1,564	1.784	0.081	0.188	0.260



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