

NATIONAL FAMILY HEALTH SURVEY (NFHS-2)

INDIA

1998–99

TAMIL NADU

**International Institute for Population Sciences
Mumbai, India**

**MEASURE *DHS*+, ORC MACRO
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CONTENTS

	Page
Tables	v
Figures.....	ix
Preface.....	xi
Acknowledgements.....	xiii
Fact Sheet.....	xvi
Summary of Findings.....	xvii

CHAPTER 1 INTRODUCTION

1.1	Background of the Survey.....	1
1.2	Basic Socioeconomic and Demographic Features of Tamil Nadu	1
1.3	Questionnaires.....	4
1.4	Survey Design and Sample Implementation.....	6
	Sample Size and Reporting Domains	6
	Sample Design	6
	Sample Selection in Rural Areas	6
	Sample Selection in Chennai and Other Urban Areas.....	9
	Sample Weights	9
	Sample Implementation	10
1.5	Recruitment, Training, and Fieldwork.....	12
1.6	Data Processing.....	12

CHAPTER 2 BACKGROUND CHARACTERISTICS OF HOUSEHOLDS

2.1	Age-Sex Distribution of the Household Population	13
2.2	Marital Status.....	15
2.3	Household Composition	18
2.4	Educational Level	18
2.5	Housing Characteristics	25
2.6	Lifestyle Indicators	30
2.7	Availability of Facilities and Services to the Rural Population.....	32

CHAPTER 3 BACKGROUND CHARACTERISTICS OF RESPONDENTS

3.1	Background Characteristics	35
3.2	Educational Level	37
3.3	Age at First Marriage.....	39
3.4	Exposure to Mass Media.....	40
3.5	Women's Employment	42
3.6	Women's Autonomy.....	43
3.7	Women's Educational Aspirations for Children.....	47
3.8	Domestic Violence: Attitudes and Prevalence.....	48

CHAPTER 4 FERTILITY AND FERTILITY PREFERENCES

4.1	Age at First Cohabitation	55
4.2	Current Fertility Levels	57
4.3	Fertility Differentials and Trends.....	59
4.4	Children Ever Born and Living.....	63
4.5	Birth Order	65
4.6	Birth Intervals	65
4.7	Age at First and Last Birth.....	68
4.8	Postpartum Amenorrhoea, Abstinence, Insusceptibility, and Menopause	70
4.9	Desire for More Children.....	72
4.10	Ideal Number of Children	76
4.11	Sex Preference for Children.....	77
4.12	Fertility Planning	80

CHAPTER 5 FAMILY PLANNING

5.1	Knowledge of Family Planning Methods	83
5.2	Contraceptive Use.....	85
	Ever Use of Family Planning Methods.....	85
	Current Use of Family Planning Methods	86
	Socioeconomic Differentials in Current Use of Family Planning Methods.....	89
	Number of Living Children at First Use of Contraception.....	92
	Problems with Current Method.....	93
5.3	Timing of Sterilization.....	94
5.4	Sources of Contraceptive Methods	95
5.5	Reasons for Discontinuation/Non-Use of Contraception	98
5.6	Future Intentions Regarding Contraceptive Use.....	100
5.7	Exposure to Family Planning Messages	104
5.8	Discussion of Family Planning.....	106
5.9	Need for Family Planning.....	106

CHAPTER 6 MORTALITY, MORBIDITY, AND IMMUNIZATION

6.1	Crude Death Rates and Age-Specific Death Rates	112
6.2	Infant and Child Mortality	113
	Assessment of Data Quality.....	113
	Levels, Trends, and Differentials in Infant and Child Mortality	115
	Socioeconomic Differentials in Infant and Child Mortality	117
	Demographic Differentials in Infant and Child Mortality	118
6.3	Morbidity	121
	Asthma	121
	Tuberculosis.....	121
	Jaundice.....	123
	Malaria	123

	Page
6.4	Child Immunization123
6.5	Vitamin A Supplementation132
6.6	Child Morbidity and Treatment132
	Acute Respiratory Infection.....132
	Fever135
	Diarrhoea.....135
6.7	HIV/AIDS140
	Knowledge of AIDS141
	Source of Knowledge About AIDS141
	Knowledge of Ways to Avoid AIDS143

CHAPTER 7 NUTRITION AND THE PREVALENCE OF ANAEMIA

7.1	Women’s Food Consumption145
7.2	Nutritional Status of Women147
7.3	Anaemia Among Women149
7.4	Infant Feeding Practices.....153
7.5	Nutritional Status of Children.....159
7.6	Anaemia Among Children163
7.7	Iodization of Salt.....165

CHAPTER 8 MATERNAL AND REPRODUCTIVE HEALTH

8.1	Antenatal Problems and Care.....170
	Problems During Pregnancy171
	Antenatal Check-Ups172
	Reasons for Not Receiving Antenatal Check-Ups.....174
	Number and Timing of Antenatal Check-Ups174
	Components of Antenatal Check-Ups176
	Tetanus Toxoid Vaccination.....178
	Iron and Folic Acid Supplementation180
8.2	Delivery Care181
	Place of Delivery.....181
	Assistance During Delivery183
	Delivery Characteristics.....185
8.3	Postnatal Care186
	Postpartum Complications188
8.4	Reproductive Health Problems189

CHAPTER 9 QUALITY OF CARE

9.1	Source of Health Care for Households195
9.2	Contacts at Home with Health and Family Planning Workers.....197
9.3	Quality of Home Visits199
9.4	Matters Discussed During Home Visits or Visits to Health Facilities.....200
9.5	Quality of Services Received at the Most Recent Visit to a Health Facility201

	Page
9.6 Family Planning Information and Advice Received.....	203
9.7 Availability of Pills and Condoms.....	203
9.8 Person Motivating Users of a Modern Contraceptive Method.....	203
9.9 Quality of Care of Family Planning Services.....	205
REFERENCES.....	207
 APPENDICES	
Appendix A Estimates of Sampling Errors.....	215
Appendix B Data Quality Tables.....	225
Appendix C Tamil Nadu NFHS-2 Staff.....	233
Appendix D Survey Instruments.....	239

TABLES

	Page
Table 1.1	Sampling stratification.....7
Table 1.2	Sample results 11
Table 2.1	Household population by age and sex14
Table 2.2	Population by age and sex from the SRS and NFHS-215
Table 2.3	Marital status of the household population.....16
Table 2.4	Singulate mean age at marriage17
Table 2.5	Household characteristics19
Table 2.6	Educational level of the household population.....20
Table 2.7	School attendance23
Table 2.8	Reasons for children not attending school.....25
Table 2.9	Housing characteristics26
Table 2.10	Household ownership of agricultural land, house, and livestock28
Table 2.11	Household ownership of durable goods and standard of living.....29
Table 2.12	Lifestyle indicators31
Table 2.13	Distance from the nearest health facility33
Table 2.14	Availability of facilities and services.....34
Table 3.1	Background characteristics of respondents.....36
Table 3.2	Respondent’s level of education by background characteristics38
Table 3.3	Age at first marriage39
Table 3.4	Exposure to mass media41
Table 3.5	Employment.....43
Table 3.6	Household decisionmaking.....44
Table 3.7	Women’s autonomy.....46
Table 3.8	Perceived educational needs of girls and boys48
Table 3.9	Reasons given for justifying a husband beating his wife.....50
Table 3.10	Women’s experience with beatings or physical mistreatment.....52
Table 3.11	Frequency of beatings or physical mistreatment54
Table 4.1	Age at first cohabitation with husband56
Table 4.2	Current fertility58
Table 4.3	Fertility by background characteristics.....60
Table 4.4	Fertility trends.....62

	Page
Table 4.5	Fertility by marital duration.....63
Table 4.6	Children ever born and living64
Table 4.7	Birth order.....66
Table 4.8	Birth interval.....67
Table 4.9	Median age at first birth.....69
Table 4.10	Age at last birth.....69
Table 4.11	Postpartum amenorrhoea, abstinence, and insusceptibility71
Table 4.12	Menopause.....71
Table 4.13	Fertility preferences73
Table 4.14	Desire to have no more children by background characteristics75
Table 4.15	Ideal and actual number of children77
Table 4.16	Ideal number of children by background characteristics78
Table 4.17	Indicators of sex preference.....79
Table 4.18	Fertility planning.....81
Table 4.19	Wanted fertility rates82
Table 5.1	Knowledge of contraceptive methods.....84
Table 5.2	Ever use of contraception85
Table 5.3	Current use of contraception.....87
Table 5.4	Current use by background characteristics90
Table 5.5	Number of living children at first use.....92
Table 5.6	Problems with current method.....93
Table 5.7	Timing of sterilization95
Table 5.8	Source of modern contraceptive methods.....96
Table 5.9	Reasons for discontinuation/non-use.....99
Table 5.10	Future use of contraception.....101
Table 5.11	Reasons for not intending to use contraception.....102
Table 5.12	Preferred method.....103
Table 5.13	Exposure to family planning messages.....105
Table 5.14	Discussion of family planning.....107
Table 5.15	Need for family planning services.....108
Table 6.1	Age-specific death rates and crude death rates.....113
Table 6.2	Infant and child mortality.....116

	Page
Table 6.3	Infant and child mortality by background characteristics.....117
Table 6.4	Infant and child mortality by demographic characteristics.....119
Table 6.5	Morbidity122
Table 6.6	Childhood vaccinations by source of information.....125
Table 6.7	Childhood vaccinations by background characteristics.....127
Table 6.8	Childhood vaccinations received by 12 months of age129
Table 6.9	Source of childhood vaccinations131
Table 6.10	Vitamin A supplementation for children133
Table 6.11	Prevalence of acute respiratory infection, fever, and diarrhoea134
Table 6.12	Knowledge of diarrhoea care137
Table 6.13	Treatment of diarrhoea.....139
Table 6.14	Source of ORS packets140
Table 6.15	Source of knowledge about AIDS142
Table 6.16	Knowledge about avoidance of AIDS144
Table 7.1	Women’s food consumption146
Table 7.2	Women’s food consumption by background characteristics146
Table 7.3	Nutritional status of women.....148
Table 7.4	Anaemia among women151
Table 7.5	Initiation of breastfeeding.....155
Table 7.6	Breastfeeding status by child’s age.....156
Table 7.7	Type of food received by children.....157
Table 7.8	Median duration of breastfeeding.....159
Table 7.9	Nutritional status of children by demographic characteristics.....161
Table 7.10	Nutritional status of children by background characteristics.....162
Table 7.11	Anaemia among children164
Table 7.12	Iodization of salt167
Table 8.1	Health problems during pregnancy.....171
Table 8.2	Antenatal check-ups.....173
Table 8.3	Number and timing of antenatal check-ups and stage of pregnancy175
Table 8.4	Components of antenatal check-ups177
Table 8.5	Tetanus toxoid vaccination and iron and folic acid tablets or syrup179
Table 8.6	Place of delivery182

	Page
Table 8.7 Assistance during delivery.....	184
Table 8.8 Characteristics of births	185
Table 8.9 Postpartum check-ups	187
Table 8.10 Symptoms of postpartum complications.....	188
Table 8.11 Symptoms of reproductive health problems	190
Table 8.12 Treatment of reproductive health problems.....	193
Table 9.1 Source of health care.....	196
Table 9.2 Home visits by a health or family planning worker.....	198
Table 9.3 Quality of home visits.....	199
Table 9.4 Matters discussed during contacts with a health or family planning worker	200
Table 9.5 Quality of care during the most recent visit to a health facility.....	202
Table 9.6 Family planning discussions with a health or family planning worker	203
Table 9.7 Motivation to use family planning.....	204
Table 9.8 Discussions about alternative methods of family planning	205
Table 9.9 Information on side effects and follow-up for current method.....	206

Appendix A

Table A.1 List of selected variables for sampling errors, Tamil Nadu, 1999.....	217
Table A.2 Sampling errors, Tamil Nadu, 1999.....	218

Appendix B

Table B.1 Household age distribution	226
Table B.2 Age distribution of eligible and interviewed women.....	227
Table B.3 Completeness of reporting	227
Table B.4 Births by calendar year.....	228
Table B.5 Reporting of age at death in days.....	229
Table B.6 Reporting of age at death in months	230

FIGURES

	Page
Figure 2.1	Population Pyramid14
Figure 2.2	School Attendance by Age, Sex, and Residence24
Figure 3.1	Percentage of Women Participating in Different Household Decisions and Percentage with Access to Money45
Figure 4.1	Age-Specific Fertility Rates by Residence58
Figure 4.2	Age-Specific Fertility Rates, NFHS-1 and NFHS-259
Figure 4.3	Total Fertility Rate by Selected Background Characteristics61
Figure 4.4	Fertility Preferences Among Currently Married Women74
Figure 5.1	Current Use of Family Planning by Residence, NFHS-1 and NFHS-288
Figure 5.2	Sources of Family Planning Among Current Users of Modern Contraceptive Methods98
Figure 6.1	Infant Mortality Rates for Five-Year Periods by Residence116
Figure 6.2	Infant Mortality Rates by Selected Demographic Characteristics120
Figure 6.3	Percentage of Children Age 12–23 Months Who Have Received Specific Vaccinations126
Figure 6.4	Percentage of Children Age 12–23 Months Who Have Received All Vaccinations128
Figure 6.5	Source of Childhood Vaccinations by Residence130
Figure 7.1	Anaemia Among Women152
Figure 7.2	Stunting Among Children Under Three Years by Mother’s Education and SLI163
Figure 7.3	Anaemia Among Children165
Figure 8.1	Problems During Pregnancy172
Figure 8.2	Source of Antenatal Check-Ups During Pregnancy174
Figure 8.3	Number and Timing of Antenatal Check-Ups176
Figure 8.4	Place of Delivery and Assistance During Delivery183
Figure 8.5	Reproductive Health Problems Among Currently Married Women192
Figure 9.1	Home Visit by a Health or Family Planning Worker by Selected Background Characteristics197
Figure 9.2	Motivator for Current Users of Modern Contraceptive Methods204

PREFACE

The success of the first National Family Health Survey, conducted in 1992–93, in creating an important demographic and health database in India has paved the way for repeating the survey. The second National Family Health Survey (NFHS-2), undertaken in 1998–99, is designed to strengthen the database further and facilitate implementation and monitoring of population and health programmes in the country. As in the earlier survey, the principal objective of NFHS-2 is to provide state and national estimates of fertility, the practice of family planning, infant and child mortality, maternal and child health, and the utilization of health services provided to mothers and children. In addition, the survey provides indicators of the quality of health and family welfare services, women's reproductive health problems, and domestic violence, and includes information on the status of women, education, and the standard of living.

Another feature of NFHS-2 is measurement of the nutritional status of women. Height and weight measurements, which were available only for young children in the earlier survey, were extended to cover all eligible women in NFHS-2. In addition, ever-married women and their children below age three had their blood tested for the level of haemoglobin, using the HemoCue instrument. Through these blood tests, for the first time the survey provides information on the prevalence of anaemia throughout India. In two metropolitan cities, Delhi and Mumbai, a further test was done for children below age three to measure the lead content in their blood. The survey also measured the extent to which households in India use cooking salt that has been fortified with iodine.

The NFHS-2 survey was funded by the United States Agency for International Development (USAID) through ORC Macro, USA. UNICEF provided additional financial support for the nutritional components of the survey. The survey is the outcome of the collaborative efforts of many organizations. The International Institute for Population Sciences (IIPS) was designated as the nodal agency for this project by the Ministry of Health and Family Welfare, Government of India, New Delhi. Thirteen reputed field organizations (FOs) in India, including five Population Research Centres, were selected to carry out the houselisting operation and data collection for NFHS-2. The field organization for Tamil Nadu was the Population Research Centre (PRC) in Gandhigram. ORC Macro, Calverton, Maryland, USA, and the East-West Center, Honolulu, Hawaii, USA, provided technical assistance for all survey operations.

The NFHS-2 survey covered a representative sample of more than 90,000 ever-married women age 15–49 from 26 states that comprise more than 99 percent of India's population. The data collection was carried out in two phases, starting in November 1998 and March 1999. The survey provides state-level estimates of demographic and health parameters as well as data on various socioeconomic and programmatic factors that are critical for bringing about desired changes in India's demographic and health situation. The survey provides urban and rural estimates for most states, regional estimates for five states (Bihar, Jammu and Kashmir, Madhya Pradesh, Rajasthan, and Uttar Pradesh), separate estimates for three metro cities (Chennai, Kolkata, and Mumbai), and estimates for slum areas in Mumbai.

The survey used uniform questionnaires, sample designs, and field procedures to facilitate comparability of the data and to achieve a high level of data quality. Preliminary reports

with selected results were prepared earlier for each state and presented to policymakers and programme administrators responsible for improving health and family welfare programmes in most states.

The final state reports are based on a standard tabulation plan developed at a workshop held in Kodaikanal on 15–17 January 1999. IIPS finalized the tabulation plan according to the recommendations of the NFHS-2 Technical Advisory Committee and produced the tables and figures for the final reports. In most states, the final state reports were written by representatives of the Population Research Centres, faculty members from IIPS, representatives from ORC Macro and the East-West Center, and reputed researchers from other organizations in the field of population and health in India. Each report has been reviewed by an Indian expert in the field of population sciences.

We are happy to present the final NFHS-2 state report for Tamil Nadu, which was covered in the second phase of the survey. We hope that the report will provide helpful insights into the changes that are taking place in the state and will provide policymakers and programme managers with up-to-date estimates of indicators that can be used for effective management of health and family welfare programmes, with an emphasis on reproductive health dimensions. The report should also contribute to the knowledge of researchers and analysts in the fields of population, health, and nutrition.

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The second National Family Health Survey was successfully completed due to the efforts and involvement of numerous organizations and individuals at different stages of the survey. We would like to thank everyone who was involved in the survey and made it a success.

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