



**SAMPLE
REGISTRATION
SYSTEM
1970-75**

**VITAL STATISTICS DIVISION
OFFICE OF THE REGISTRAR GENERAL, INDIA
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NEW DELHI**

PREFACE

The traditional method of obtaining vital rates is the Civil Registration System whereby events are reported and recorded soon after the occurrence. Civil Registration in India is still deficient in coverage and completeness. In order to meet the immediate requirement of providing reliable vital rates for purposes of planning and policy decision, the Office of the Registrar General, India, initiated a sample registration system (SRS). It started functioning covering the country both in the rural and urban areas, since 1970.

A report on the Sample Registration System for each of the five zones for the period 1970-75 has been brought out which incorporates the details of the functioning of the system together with data on population composition, fertility and mortality at the state level. In the present study an attempt has been made to analyse the levels, trends and differentials in regard to population composition, fertility and mortality at the national level for the period 1970-75 and also to highlight the broad differentials among states and by rural and urban areas. Based on the SRS mortality pattern for the period 1970-75, Life tables have been constructed separately for rural and urban areas, the details of which have been included in a separate chapter. A chapter on evaluation of the SRS death registration for 1970-75 using Brass Technique is also included.

The SRS is a Centre-State venture and the present study would not have been possible without the active involvement of the various state implementing agencies for whom my thanks are due. I am also thankful to the staff and officers of the Sample Registration Unit of the Vital Statistics Division for their hard work. In particular, I am happy to place on record appreciation of the efforts put in by Dr. M. Holla, Joint Registrar General, Shri V.S. Swamy, Assistant Registrar General (VS), and Shri T.K. Aikat, Senior Research Officer, in bringing out this report.

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CHAPTER 1

INTRODUCTION

The increasing acuteness of the population problem in India and the deficiencies in the statutory registration system have greatly intensified the need for quick and reliable estimates of birth and death rates on a current and continuous basis. The population census provides decadal vital rates; it does not provide a measure of the change in population from year to year. To measure short-term changes in the growth of population for projecting its future trends and to evaluate the results of the family planning programmes, there is need for resorting to alternative sources of data. One of these sources is civil registration system. There are various other alternate methods based on the application of sampling techniques which have been tried and tested in many developing countries. Such methods include single and multi-round retrospective surveys and the dual record system. In the absence of dependable vital rates from civil registration, the Office of the Registrar General, India initiated the sample registration of births and deaths in India popularly known as sample registration system (SRS) in 1964-65.

1.1 The main objective of SRS is to provide reliable estimates of birth and death rates at the state and national levels for rural and urban areas separately. However, SRS also provides various other measures of fertility and mortality.

1.2 The field investigation under SRS consists of continuous enumeration of births and deaths in a sample of villages/urban blocks by a resident part-time enumerator, preferably a local teacher, and an independent six monthly retrospective survey by a full time supervisor. The data obtained through these two sources are matched. The unmatched and partially matched events are reverified in the field to get an unduplicated count of correct events. The advantage of this procedure, in addition to elimination of errors of duplication is that it can lead to a quantitative assessment of the sources of distortion in the two sets of records. In that way it is a self-evaluating technique.

Basic structure of the system

1.3 The main components of SRS are :

- (i) Base-line survey of the sample unit to obtain usual resident population of the sample area;
- (ii) Continuous (longitudinal) enumeration of vital events pertaining to usual resident population by the enumerator;
- (iii) An independent half-yearly survey for recording births and deaths occurred during the half-year under reference and up-dating the houselist and household schedule by the supervisor;

- (iv) Matching of events recorded during continuous enumeration and those listed during the course of the half-yearly survey;
- (v) Field verification of unmatched and partially matched events.

1.4 *Baseline Survey* : The base-line survey is carried out prior to the start of continuous enumeration. This involves house numbering and houselisting and filling-in of household schedule. Wherever a sound system of house numbering exists, the same is adopted. Otherwise, the house numbering is done by the enumerator with the help of chalk, tar, etc. at a conspicuous place near the entrance to the house. The enumerator prepares a notional map showing important landmarks and location of the houses covered by the sample unit. He then prepares a list of houses/households in form 1 and fills in the household schedule (form 2) wherein he records the residential status and demographic particulars of each individual residing in the household, e.g. name, sex, age, marital status and relation to head of household. Visitors to the household on the specified date who are likely to stay in the household for a fairly long period are also listed and their residential status is shown as 'V' as against 'UR' for usual residents. The inmates of public institutions like, hotels, inns, schools and hospitals are excluded, but households living permanently within the compound of such institutions are covered.

1.5 *Enumeration* : The enumerator maintains a birth record (form 5) and a death record (form 6) in respect of his area. The enumerator is expected to record all births and deaths occurring within the sample unit, as well as those of the usual residents occurring outside the unit. Events to visitors occurring within the sample unit are also listed, but these are not taken into account while calculating rates. Thus the events to be enumerated by the enumerator are those pertaining to:

- (i) Usual residents inside the sample unit;
- (ii) Usual residents outside the sample unit;
- (iii) Visitors inside the sample unit.

1.6 For ensuring complete netting, the enumerator uses different means to keep himself informed of the occurrence of vital events in the sample unit. The enumerator takes the help of the village priest, barber, village headman, midwife and such other functionaries. He contacts these informants at frequent intervals and collects information about the occurrences of birth and death. On being informed about the occurrence of an event, the enumerator visits the concerned household and records the prescribed particulars. The enumerator also keeps in touch with other socially important persons and visits local or nearby hospitals, nursing homes, cremation or burial grounds at frequent intervals to keep himself informed about the occurrence

of events. He is required to maintain a list of pregnant women so as to help netting all the birth events. Despite all these efforts, the enumerator may fail to have information about some of the events. So he is required to visit all the households once in each quarter and ensure whether all the events have been recorded or not. In the urban areas, the enumerator is required to visit each household during a month so as to net all births and deaths pertaining to his area.

1.7 Half yearly survey : A half yearly survey is carried out independently in each sample unit by a full time supervisor. The supervisor visits households in the sample unit and records the particulars of births and deaths pertaining to usual residents and visitors (only those occurring within the sample unit) which had occurred during the half-yearly period under reference. Simultaneously, he updates the houselist and household schedule (initially filled-in by the enumerator) by making suitable entries for each birth, death or migration. In carrying out this survey he does not have access to the birth and death records of the enumerator which are withdrawn from the field before the supervisor is deputed for the half-yearly survey. Also, an overlapping reference period of one year is adopted in the survey in order to net the events which might have been missed in the previous half-yearly survey.

1.8 Matching : After the completion of the half-yearly survey, the forms 3 & 4 filled-in by the supervisors are compared with the forms 5 & 6 filled-in by the enumerators. This is done either at the state or district headquarters. Each entry in the enumerator's and supervisor's records is matched item by item and events are classified as fully matched, partially matched and unmatched. The items generally considered for matching are location of the household, i.e., name of the head of household and house-number; name of the mother (for births) and name of the deceased (in case of death); residential status; sex and month of occurrence.

1.9 Field verification of unmatched and partially matched events : Every event whether unmatched or partially matched is verified by visit to the concerned household. This is done either by a third person or jointly by the supervisor and the enumerator, depending upon the availability of staff.

Sample design

1.10 The sample design for rural areas is a stratified uni-stage simple random sampling. Each natural division within a state has been considered as a stratum. The natural divisions were formed on the basis of physical features, rainfall, climatic conditions and differences in soil. Within each natural division, villages were grouped into four population size classes (2,000 and over; 1000—1,999; 500 to 999; and less than 500).

1.11 The total number of sample units was generally 150 in each state. The sample size was arrived at by using a binomial model assuming the value of the parameter P as 0.04 and a co-efficient of variation of one per cent. The sampling unit consisted of either a village (if its population was below 2000) or a segment of a village (if its population was 2,000 & over). The

segmentation of large-size villages was found necessary to limit the population to be covered by a part-time enumerator to a manageable size. The segmentation was done on the basis of clearly identifiable boundaries such as roads or rivers which approximately divided the population into nearly equal parts. The number of sample units was allocated among the natural divisions and population size-strata within each natural division in proportion to the 1961 population. The selection of villages/segments within the strata was done on the basis of simple random sampling. In all, a sample of about 2432 villages/village segments was selected for the country.

STATEMENT A

Sample size by States/Union Territories

States/Union Territories	Rural	Urban	Total
1. Andhra Pradesh	150	60	210
2. Assam	100	60	160
3. Bihar	150	60	210
4. Gujarat	166	76	242
5. Haryana	60	60	120
6. Himachal Pradesh	40	40	80
7. Jammu & Kashmir	100	66	166
8. Karnataka	150	60	210
9. Kerala	150	60	210
10. Madhya Pradesh	150	60	210
11. Maharashtra	150	100	250
12. Manipur	26	10	36
13. Nagaland	25	..	25
14. Orissa	150	60	210
15. Punjab	80	60	140
16. Rajasthan	150	60	210
17. Tamil Nadu	150	100	250
18. Tripura	10	10	20
19. Uttar Pradesh	150	100	250
20. West Bengal	150	100	250
UNION TERRITORIES			
1. A. & N. Islands	20	4	24
2. Arunachal Pradesh	25	..	25
3. Chandigarh	5	10	15
4. D. & N. Haveli	10	..	10
5. Delhi	40	40	80
6. Goa, Daman & Diu	45	24	69
7. L.M. & A. Islands	5	..	5
8. Pondicherry	25	10	35
INDIA	2432	1290	3722

1.12 The urban sample design is a stratified two-stage simple random sampling with cities/towns as first stage units and census enumeration blocks as second stage units. The cities/towns were stratified into four strata according to their 1961 population (100,000 and above; 50,000 to 99,999; 20,000 to 49,999; and below 20,000). The allocation of sample units to the different strata was done in proportion to the stratum population. While selecting cities/towns, it was ensured that all the cities of stratum I were included and that all the towns of stratum II were also included in case the number of towns was less than half the number of blocks

allotted to the stratum. In allocating the number of sample blocks to cities/towns, it was ensured that at least two blocks were selected from each city/town. The selection of towns and census blocks was done on the basis of simple random sampling. In all, a sample of 1290 urban blocks was selected for the country (Statement A).

Organisation

1.13 The SRS is being implemented through the Directorates of Economics & Statistics/Directorates of Health Services/Directorates of Census Operations. The implementing agencies for the rural sample are the respective Directorates of Economics & Statistics in the states of Bihar, Karnataka, Kerala, Madhya Pradesh and Maharashtra; Directorates of Health Services in Andhra Pradesh, Gujarat, Haryana, Orissa, Punjab, Tamil Nadu and West Bengal; and Directorates of Census Operations in the remaining states/union territories. The implementing agencies for the urban sample are the Directorates of Economics & Statistics in Bihar and Karnataka; Directorates of Health Services in Haryana, Orissa and Punjab; and the Directorates of Census Operations in the remaining states and union territories.

1.14 For continuous enumeration, there is an enumerator for each sample unit, who is usually a resident teacher employed on a part-time basis and is paid certain honorarium for this purpose. However, in certain states, full-time enumerators (Assistant Compilers) have been appointed for enumeration work in the urban areas in large cities. One full-time enumerator is usually assigned the work of enumeration in 6 to 8 sample units. For supervision and conducting of half-yearly surveys, there are full-time supervisors (computers) at the state headquarters. One computer is usually assigned a set of 10 sample units for supervision work and another set of 10 units for conducting half-yearly surveys. The state headquarters have also a complement of other staff necessary for planning and organising various field operations, training of the field staff, effecting proper supervision and control, ensuring regular flow of returns from the field staff, forwarding of various returns to the office of the Registrar General, India and undertaking certain minimum tabulation.

1.15 At the national level, the Vital Statistics Division of the Office of the Registrar General, India coordinates the implementation work, formulates and prescribes necessary standards, provides necessary instructions and guidance, undertakes tabulation and analysis of data and their dissemination.

Training and supervision

1.16 Each enumerator is given the necessary training before he starts the work. This is followed by periodic

training. In addition, he is provided with a manual of instructions for day to day consultation in order to sort out any difficulties during the course of work. Each computer-supervisor is also given the necessary training with a view to enable him to carry out the supervision work and conduct the half-yearly surveys properly and efficiently. Besides, each supervisor is provided with a manual of instructions for this purpose. Various state officials associated with the implementation of the SRS are also given necessary training. There is a manual for the state headquarters which provides detailed instructions and guidance with regard to the various stages of work involved at the state level. The manual is very comprehensive and covers all aspects of the system.

1.17 Supervision forms an important component of SRS. This is regularly done by the computer supervisors. Each computer-supervisor is expected to supervise the work of the enumerators in a set of 10 sample units in each month. In addition, other senior officers at the state headquarters also undertake visits to sample units and inspect the work at the field level.

Flow of returns

1.18 An enumerator is required to send a monthly report (form 10) in duplicate to the state headquarters, on the first of each month, for the previous month. This report is copied from the birth and death records. On the basis of the monthly reports received from the sample units the state headquarters are required to prepare a consolidated monthly report (form 10A) and forward the same to the office of the Registrar General, India within one month following the month to which the report relates. The monthly reports (form 10) for the individual units remain at the state headquarters till the results of the half-yearly survey are finalised. These are corrected in the light of the results of the half-yearly survey and matching and field verification operations associated therewith. The finalised form 10 after necessary corrections and inclusion of additional events recorded during the survey is sent to the office of the Registrar General, India along with the half-yearly survey results in form 11. This is required to be done within four months following the half-yearly period to which the data relate.

Estimation procedure

1.19 Estimation of births, deaths and population for both rural and urban areas are obtained using unbiased method of estimation. The estimates of birth and death rates are obtained as the ratios of the estimated birth to the estimated population and the ratios of estimated deaths to the estimated population respectively.

CHAPTER 2

PRINCIPAL RESULTS

In this chapter, an attempt has been made to analyse the data relating to population composition, fertility, mortality and type of medical attention at birth/death. The analysis in relation to population composition has been carried out on the basis of data on percentage distribution of population by age and sex. The analysis aims at highlighting the contributions of broad age-groups to the total population at all-India level and in major states. It also aims at indicating the rural-urban and male-female differences and changes over the years. Fertility and mortality have been discussed in relation to the data on crude birth rate, crude death rate and various other indicators. An attempt has been made to highlight the levels and trends of fertility and mortality at all-India level and to bring out the broad differences between rural and urban areas and among major states. The analysis of data on type of medical attention at birth/death aims at indicating the extent of institutional and professional medical help available at all-India level, the trend over the years, the rural-urban differences and the variations among major states. To begin with, population composition has been taken up first and has been discussed in the next few paragraphs. This is followed by fertility, type of attention at birth, mortality and type of attention at death in the same order.

Population composition

2.1 For analysing the population data, three broad age-groups have been considered. These are: age below 15 years, 15-49 years and 50 years & above. While age below 15 years corresponds to childhood period, the age group 15-49 years coincides with the reproductive period of women. Discussions on the contribution of each of these age groups to the total population follow separately. Cumulative percentages of population at five-year age-interval have also been discussed subsequently.

(a) Age below 15 years

2.2 The population below the age of 15 years constitutes about 40 per cent of the total population. The corresponding percentages for males and females are almost the same. This may be seen from Statement 1. Over the years, there is a slow declining trend in the percentages for both males and females which may be due to a small decline in the fertility level. The margin of decline is only about 1.4 for both males and females during the period 1970-75.

STATEMENT 1

Percentage of population below the age of 15 years by sex, India, 1970-75

Year	Male	Female	Person
1970	41.72	41.58	41.62
1971	41.32	41.11	41.22

STATEMENT 1—*Concl.*

Year	Male	Female	Person
1972	41.94	41.62	41.78
1973	41.36	41.07	41.21
1974	40.69	40.38	40.54
1975	40.34	40.03	40.22

2.3 In the rural areas, population below the age of 15 years has a higher share of the total population as compared to urban areas as may be seen from Statement 2. This may be due to higher level of fertility in rural areas as compared to urban areas. Between males and females, the rural areas have slightly higher percentages for males and the urban areas have slightly higher percentages for females. This could be due to the effect of migration of population in the later age-groups, i.e., 15 years & above from rural to urban areas. If the migration of males exceeds that of females, the increase in the male population aged 15 years & above in urban areas would be more than the corresponding increase in female population. As a result, the percentage of males aged 15 years & above would be expected to be more than that of females and consequently the percentage of males below 15 years would be lower than that of females. In the rural areas, the corresponding decrease in male population aged 15 years & above would be more than the corresponding decrease in the female population. Therefore the percentage of males aged 15 years & above would be expected to be lower than that of females and consequently the percentage of males below 15 years would be higher than that of females. Over the years 1970-75 there is a declining trend in the percentage of population below 15 years both in rural and urban areas and also among males and females.

STATEMENT 2

Percentages of population below the age of 15 years by sex for rural and urban areas, India, 1970-75

Year	Rural			Urban		
	Male	Female	Person	Male	Female	Person
1970	42.50	41.88	42.19	38.33	39.91	39.07
1971	42.25	41.64	41.96	37.47	38.82	38.12
1972	42.81	42.10	42.47	38.06	39.36	38.68
1973	42.25	41.61	41.93	37.78	38.77	38.26
1974	41.61	40.97	41.30	36.93	37.92	37.42
1975	41.25	40.64	40.95	36.68	37.79	37.21

2.4 Statement 3 shows the percentages of population below the age of 15 years for the major states for the year 1975. The percentages are found to vary within the range of 36 to 44. In most of the states, the percentages for males and females are almost the same. However, the percentages are slightly higher for males

in Himachal Pradesh, Kerala, Punjab and Uttar Pradesh and for females in Assam and Jammu & Kashmir.

STATEMENT 3

Percentage of population below 15 years by sex for major states, 1975

States	Male	Female	Person
Andhra Pradesh	38.63	38.53	38.60
Assam	42.94	44.65	43.77
Gujarat	41.55	41.23	41.40
Haryana	43.73	43.87	43.80
Himachal Pradesh	42.48	40.07	41.29
Jammu & Kashmir	39.85	42.01	40.88
Karnataka	41.43	41.36	41.40
Kerala	38.02	35.93	36.97
Madhya Pradesh	42.40	42.82	42.60
Maharashtra	39.16	39.54	39.34
Orissa	40.42	40.66	40.54
Punjab	38.63	37.87	38.28
Rajasthan	42.10	41.96	42.03
Tamil Nadu	37.55	37.13	37.35
Uttar Pradesh	40.92	39.93	40.45
INDIA	40.34	40.03	40.22

2.5 Statement 4 shows a classification of states based on the percentages of population below the age of 15 years. It may be seen that Kerala and Tamil Nadu have the lowest percentages; while Assam, Haryana, Madhya Pradesh and Rajasthan have the highest percentages.

STATEMENT 4

Classification of states according to percentages of population below 15 years

Percentage of population below 15 years	States
36-38	Kerala and Tamil Nadu
38-40	Andhra Pradesh, Maharashtra and Punjab
40-42	Gujarat, Himachal Pradesh, Jammu & Kashmir, Karnataka, Orissa and Uttar Pradesh
42-44	Assam, Haryana, Madhya Pradesh and Rajasthan

2.6 The rural-urban differentials in the percentages of population below 15 years for the major states may be seen from Statement 5. The percentages in rural areas are generally higher than those in the urban areas. In Himachal Pradesh, there is a difference of 10 between the percentages for rural and urban areas.

STATEMENT 5

Percentage of population below the age of 15 years for rural and urban areas of major states, 1975

States	Rural	Urban	Rural-urban ratio
1	2	3	4
Andhra Pradesh	38.71	38.11	1.02
Assam	44.31	37.54	1.19

STATEMENT 5—Concl'd.

1	2	3	4
Gujarat	42.36	39.43	1.10
Haryana	44.81	38.83	1.15
Himachal Pradesh	41.80	31.62	1.32
Jammu & Kashmir	41.75	37.01	1.13
Karnataka	41.88	40.20	1.04
Kerala	37.15	36.00	1.03
Madhya Pradesh	43.15	39.35	1.10
Maharashtra	41.10	35.51	1.16
Orissa	40.52	40.92	0.99
Punjab	40.33	35.63	1.13
Rajasthan	42.34	40.40	1.05
Tamil Nadu	38.84	33.98	1.14
Uttar Pradesh	40.86	37.63	1.08
INDIA	40.95	37.21	1.10

2.7 Statement 6 shows classification of states according to ratios of rural and urban percentages of population below 15 years. The rural-urban differences are found to be the lowest for Andhra Pradesh, Karnataka, Kerala and Orissa. On the other extreme, the rural-urban differences are found to be very high in Assam, Haryana, Maharashtra and highest in Himachal Pradesh.

STATEMENT 6

Classification of states according to the ratios of the rural-urban percentages of population below 15 years

Rural-urban ratios	States
Less than 1.05	Andhra Pradesh, Karnataka, Kerala and Orissa
1.05-1.10	Rajasthan and Uttar Pradesh
1.10-1.15	Gujarat, Jammu & Kashmir, Madhya Pradesh, Punjab and Tamil Nadu
1.15-1.20	Assam, Haryana and Maharashtra
More than 1.20	Himachal Pradesh

(b) Age-group 15-49 years

2.8 Population in the age-group 15-49 years comprises roughly 48 per cent of the total population. It may be seen from Statement 7 that the corresponding male and female percentages are almost same. Over the years, there is a slow upward trend in the percentages. There is increase in the percentages for both males and females by a margin of about 1.4 during the period 1970-75. This is corresponding to a decline in the population aged below 15 years during the same period.

STATEMENT 7

Percentage of population aged 15-49 years, by sex, India, 1970-75

Year	Male	Female	Person
1970	46.54	46.77	46.65
1971	47.13	47.37	47.24
1972	46.63	46.98	46.80
1973	47.10	47.40	47.25
1974	47.65	47.89	47.77
1975	47.96	48.22	48.07

2.9 It may be seen from Statement 8 that in the urban areas, the age-group 15-49 years has a greater share of the total population as compared to rural areas. There is correspondingly a smaller share for the population aged below 15 years in urban areas as compared to rural areas. This may be due to relatively lower fertility in urban areas coupled with migration from rural to urban areas most of which may be in the age-group 15-49 years. Lower fertility would have resulted in relatively lower share for the population aged below 15 years and consequently higher share for the population aged 15 years and above. On the other hand, migration would have caused an increase in the share of population aged 15-49 years and consequently proportional decrease in the share of population aged below 15 years. As a result of both these processes the percentages of population in the urban areas would have been lower for age below 15 years and higher for age group 15-49 years as compared to rural areas. Further, sex-wise comparison indicates slightly higher percentages for females in the rural areas and for males in the urban areas. This could be due to relatively greater migration of males than females from rural to urban areas so that the increase in the male population in urban areas would be more than the corresponding increase in the female population and consequently the percentage for males would be higher than that for females. The resultant decrease in the male population in rural areas would be more than that in the females and therefore the percentage of males would be lower than that of females.

STATEMENT 8

Percentage of population aged 15-49 years by sex for rural and urban areas, India, 1970-75

Year	Rural			Urban		
	Male	Female	Person	Male	Female	Person
1970	45.49	46.25	45.87	51.05	49.18	50.17
1971	45.95	46.63	46.28	52.01	50.56	51.31
1972	45.48	46.26	45.86	51.75	50.36	51.03
1973	45.92	46.63	46.26	51.89	50.63	51.29
1974	46.60	47.22	46.90	51.89	50.70	51.32
1975	46.87	47.52	47.19	52.26	51.06	51.63

2.10 Among the major states, the variation in the percentages of population aged 15-49 years can be seen from Statement 9. The lowest percentage (45.31) is observed for Haryana and the highest percentage (50.59) is observed for Kerala. In most of the states, the percentages for males and females are almost the same. In Himachal Pradesh, the percentage for females is quite higher as compared to males.

STATEMENT 9

Percentage of population aged 15-49 years by sex for major states, 1975

States	Male	Female	Person
1	2	3	4
Andhra Pradesh	49.34	48.99	49.15
Assam	47.29	47.41	47.33
Gujarat	48.66	47.93	48.30

STATEMENT 9—Contd.

1	2	3	4
Haryana	44.80	45.89	45.31
Himachal Pradesh	42.29	43.83	45.58
Jammu & Kashmir	43.33	43.72	43.50
Karnataka	47.24	47.92	47.50
Kerala	49.52	51.64	50.59
Madhya Pradesh	46.37	45.45	45.93
Maharashtra	49.21	43.51	43.90
Orissa	47.97	47.75	47.87
Punjab	46.73	43.63	47.61
Rajasthan	47.56	47.18	47.38
Tamil Nadu	49.71	50.65	50.17
Uttar Pradesh	46.93	47.65	47.30
INDIA	47.96	48.22	48.07

2.11 Statement 10 shows classification of states according to percentages of population in the age-group 15-49 years. It may be seen that the percentages are lowest in Haryana, Himachal Pradesh and Madhya Pradesh. The percentages are highest in Andhra Pradesh, Kerala and Tamil Nadu. Statement 4 in para 2.5 shows that Haryana and Madhya Pradesh have highest percentages of population below 15 years. It also shows that Kerala and Tamil Nadu have the lowest percentages of population below 15 years.

STATEMENT 10

Classification of states according to percentages of population aged 15-49 years

Percentages of population aged 15-49 years	States
45-47	Haryana, Himachal Pradesh and Madhya Pradesh
47-49	Assam, Gujarat, Jammu & Kashmir, Karnataka, Maharashtra, Orissa, Punjab, Rajasthan and Uttar Pradesh
49-51	Andhra Pradesh, Kerala and Tamil Nadu

2.12 The rural-urban differentials in the percentages of population aged 15-49 years can be seen from Statement 11. The percentages in urban areas are found to be higher in all the states. The differences between the urban and rural percentages are about 5 or more except in Andhra Pradesh, Gujarat, Karnataka, Kerala, Orissa and Rajasthan. In Himachal Pradesh, the difference is about 13.

STATEMENT 11

Percentage of population aged 15-49 years for rural and urban areas of major states, 1975

States	Rural	Urban	Rural urban ratio
1	2	3	4
Andhra Pradesh	48.78	50.96	0.96
Assam	46.86	52.90	0.88
Gujarat	47.49	50.77	0.94

STATEMENT 11—Contd.

1	2	3	4
Haryana	44.34	50.12	0.88
Himachal Pradesh	44.89	57.48	0.78
Jammu & Kashmir	47.47	53.07	0.89
Karnataka	47.16	48.59	0.97
Kerala	50.35	51.94	0.97
Madhya Pradesh	45.21	50.16	0.90
Maharashtra	46.81	53.38	0.88
Orissa	47.77	48.92	0.98
Punjab	46.12	51.60	0.89
Rajasthan	47.02	49.19	0.96
Tamil Nadu	48.64	53.09	0.91
Uttar Pradesh	46.65	51.84	0.90
INDIA	47.19	51.68	0.91

2.13 Statement 12 shows classification of states according to the ratios of rural-urban percentages of population aged 15-49 years. All the ratios are less than one as the urban percentages are higher than the rural percentages. The ratios for Andhra Pradesh, Karnataka, Kerala, Orissa and Rajasthan are the highest and are close to one indicating lowest differences between the rural and urban percentages. On the other extreme, the ratio for Himachal Pradesh is the lowest indicating highest difference between the rural and urban percentages. In para 2.7 it has been observed that the rural-urban difference in respect of population aged below 15 years is highest for Himachal Pradesh, the percentage for rural areas being much higher than that for urban areas. It has also been observed that the differences in the rural-urban percentages of population below 15 years are the lowest for Andhra Pradesh, Karnataka, Kerala and Orissa.

STATEMENT 12

Classification of states according to ratios of rural-urban percentage of population aged 15-49 years

Ratios	States
Less than 0.85	Himachal Pradesh
0.85-0.90	Assam, Haryana, Jammu & Kashmir, Maharashtra and Punjab
0.90-0.95	Gujarat, Madhya Pradesh, Tamil Nadu and Uttar Pradesh.
0.95-1.00	Andhra Pradesh, Karnataka, Kerala, Orissa and Rajasthan

(c) Age 50 years & above

2.14 Population aged 50 years & above constitutes nearly 12 per cent of the total population. The percentages are the same for both males and females. This may be seen from Statement 13. Over the years, the percentages are found to be almost the same.

STATEMENT 13

Percentage of population aged 50 years & above by sex, India, 1970-75

Year	Male	Female	Person
1970	11.74	11.70	11.73
1971	11.55	11.52	11.54
1972	11.43	11.40	11.42
1973	11.54	11.53	11.54
1974	11.66	11.73	11.69
1975	11.70	11.70	11.70

2.15 The rural-urban differentials in the percentages of population aged 50 years & above are only marginal as may be seen from Statement 14. It is observed that the percentages in rural areas are slightly higher as compared to urban areas. Between males and females, there is no difference in the percentages for rural as well as urban areas. Over the years the percentages in rural as well as those in urban areas appear to have remained the same.

STATEMENT 14

Percentage of population aged 50 years & above by sex, for rural and urban areas India, 1975

Year	Rural			Urban		
	Male	Female	Person	Male	Female	Person
1970	12.01	11.87	11.94	10.62	10.91	10.76
1971	11.80	11.73	11.76	10.52	10.62	10.57
1972	11.71	11.64	11.67	10.19	10.28	10.24
1973	11.83	11.76	11.81	10.33	10.60	10.45
1974	11.79	11.81	11.80	11.15	11.38	11.26
1975	11.88	11.84	11.86	11.06	11.15	11.11

2.16 Among the major states, the percentage of population aged 50 years & above is lowest (9) in Assam and highest (14) in Punjab. This may be seen from Statement 15. In most of the states, the percentages for males and females are almost the same. In Assam, Haryana, Himachal Pradesh, Jammu & Kashmir and Punjab; the percentages for males are found to be higher than those for females. The margin of difference is generally small except in respect of Himachal Pradesh. In Gujarat, the percentage for females is slightly higher as compared to males.

STATEMENT 15

Percentage of population aged 50 years & above by sex for major states, 1975

States	Male	Female	Person
1	2	3	4
Andhra Pradesh	12.03	12.43	12.25
Assam	9.77	7.94	8.90
Gujarat	9.79	10.84	10.30
Haryana	11.47	10.29	10.89
Himachal Pradesh	15.23	11.03	13.18
Jammu & Kashmir	10.82	9.27	10.62
Karnataka	11.33	10.72	11.04

STATEMENT 15—*Concl'd.*

1	2	3	4
Kerala	12.46	12.43	12.44
Madhya Pradesh	11.23	11.73	11.47
Maharashtra	11.63	11.95	11.76
Orissa	11.61	11.59	11.59
Punjab	14.64	13.50	14.11
Rajasthan	10.34	10.86	10.59
Tamil Nadu	12.74	12.22	12.48
Uttar Pradesh	12.10	12.42	12.25
INDIA	11.70	11.70	11.70

2.17 Statement 16 shows classification of states according to percentages of population aged 50 years & above. Assam and Punjab are found to be on the two extremes having the lowest and highest percentages respectively. Statements 4 and 10 seen alongwith indicate that Assam has a very high percentage of population below 15 years and moderately high percentage in the age-group 15-49 years. On the other hand, Punjab has low percentage of population below 15 years and moderately high percentage in the age-group 15-49 years. The statements also indicate that Kerala and Tamil Nadu have almost identical percentages with regard to each age-group. Similarly, Gujarat, Jammu & Kashmir, Karnataka and Orissa have common ranges of percentages with regard to each age-group. Haryana and Madhya Pradesh form yet another group on the same lines.

STATEMENT 16

Classification of states based on the percentage of population aged 50 years & above

Percentage of population aged 50 years & above	States
8-10	Assam
10-12	Gujarat, Haryana, Jammu & Kashmir, Karnataka, Madhya Pradesh, Maharashtra, Orissa and Rajasthan
12-14	Andhra Pradesh, Himachal Pradesh, Kerala, Tamil Nadu and Uttar Pradesh
14 & above	Punjab

2.18 Statement 17 shows percentages of population aged 50 years & above for rural and urban areas. It is observed that there is very little difference between the rural and urban percentages.

STATEMENT 17

Percentage of population aged 50 years & above for rural and urban areas of major states, 1975

States	Rural	Urban	Rural-urban ratio
1	2	3	4
Andhra Pradesh	12.51	10.93	1.14
Assam	8.83	9.56	0.92

STATEMENT 17—*Concl'd.*

1	2	3	4
Gujarat	10.15	10.80	0.94
Haryana	10.85	11.05	0.98
Himachal Pradesh	13.31	10.90	1.22
Jammu & Kashmir	10.78	9.92	1.09
Karnataka	10.96	11.21	0.98
Kerala	12.50	12.06	1.04
Madhya Pradesh	11.64	10.49	1.11
Maharashtra	12.09	11.11	1.09
Orissa	11.71	10.16	1.15
Punjab	13.55	12.77	1.06
Rajasthan	10.64	10.41	1.06
Tamil Nadu	12.52	12.43	1.01
Uttar Pradesh	12.49	10.53	1.19
INDIA	11.86	11.11	1.07

2.19 Statement 18 shows classification of states on the basis of rural-urban ratios of percentages of population aged 50 years & above. The ratios are higher than 1 except in respect of Assam, Gujarat, Haryana, and Karnataka. This is because of the fact that the percentages for rural areas are higher than those for urban areas except in these four states. The rural-urban differences are found to be relatively high in respect of Andhra Pradesh, Madhya Pradesh, Orissa, Uttar Pradesh and Himachal Pradesh. The difference is highest in Himachal Pradesh.

STATEMENT 18

Classification of states according to rural-urban ratios of percentage of population aged 50 years & above

Rural-urban ratio	States
0.90-1.00	Assam, Gujarat, Haryana and Karnataka
1.00-1.10	Jammu & Kashmir, Kerala, Maharashtra, Punjab, Rajasthan and Tamil Nadu
1.10-1.20	Andhra Pradesh, Madhya Pradesh, Orissa and Uttar Pradesh
Above 1.20	Himachal Pradesh

(d) Cumulative percentages

2.20 Statement 19 shows cumulative per cent population at an interval of 5 years of age for the years 1970 & 1975. It is observed that about 50 per cent of the population is below the age of 20 years and therefore the median age of population would work out to be approximately 20 years. More than 75 per cent of the

population is found to be below the age of 40 years. The percentages for males and females are almost identical. As compared to 1970, the cumulative percentages in 1975 are found to be lowest for age below 5, 10

and 15 years. But thereafter the cumulative percentages for 1975 level up with those for 1970. The median age of population works out to be 19.4 years for 1970 and 19.6 years for 1975.

STATEMENT 19
Cumulative percentage of population by sex, India, 1970 & 1975

Age	1970			1975		
	Male	Female	Person	Male	Female	Person
Below 5 years	15.04	15.15	15.09	13.96	14.00	13.98
Below 10 years	29.25	29.75	29.34	27.36	27.03	27.33
Below 15 years	41.72	41.53	41.62	40.34	40.03	40.22
Below 20 years	50.93	50.20	50.57	51.19	50.42	50.82
Below 25 years	53.38	53.32	53.34	53.54	53.78	53.17
Below 30 years	65.58	65.94	65.74	66.39	65.03	66.21
Below 35 years	72.26	73.05	72.64	72.70	72.69	72.67
Below 40 years	78.38	79.06	78.77	78.55	78.77	78.65
Below 45 years	83.88	84.26	84.05	83.78	83.92	83.82
Below 50 years	88.26	88.30	88.27	88.30	88.30	88.30
Below 55 years	92.16	91.98	92.07	91.93	91.77	91.82
Below 60 years	94.65	94.36	94.51	94.85	94.51	94.68
Below 65 years	97.09	96.90	97.00	96.88	96.60	96.75
Below 70 years	98.36	98.23	98.30	98.47	98.29	98.39
All ages	100.00	100.00	100.00	100.00	100.00	100.00

STATEMENT 20—Concl'd.

	1	2	3
Below 20 years		51.42	48.35
„ 25 years		59.41	58.20
„ 30 years		66.14	66.51
„ 35 years		72.51	73.44
„ 40 years		78.48	79.36
„ 45 years		83.65	84.60
„ 50 years		88.14	88.89
„ 55 years		91.68	92.38
„ 60 years		94.60	95.02
„ 65 years		96.71	96.94
„ 70 years		98.38	98.44
All ages		100.00	100.00

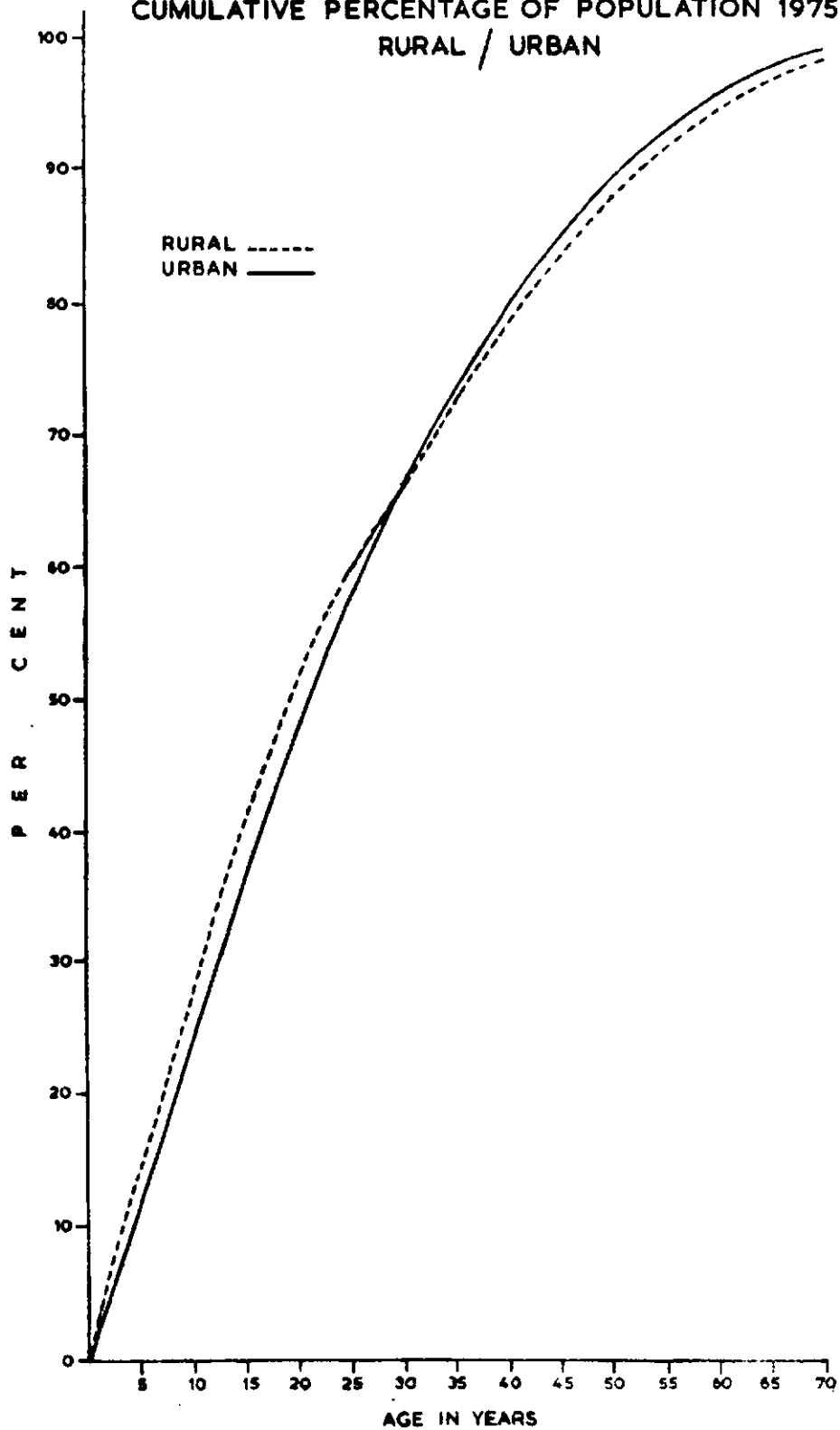
2.21 The rural-urban differentials in the cumulative per cent population may be seen from Statement 20. It is observed that the percentages of population below the age of 25 years are slightly higher in rural areas as compared to urban areas. But the pattern is reversed thereafter. The median age of population in rural areas (19.3 years) is slightly lower than that in the urban areas (20.8 years). A graphical presentation of the rural-urban percentages is given in Chart 1.

STATEMENT 20

Cumulative percentage of population for rural and urban areas, India, 1975

Age	Rural	Urban
1	2	3
Below 5 years	14.34	12.50
„ 10 years	27.94	24.81
„ 15 years	40.95	37.21

CHART 1
INDIA
CUMULATIVE PERCENTAGE OF POPULATION 1975
RURAL / URBAN



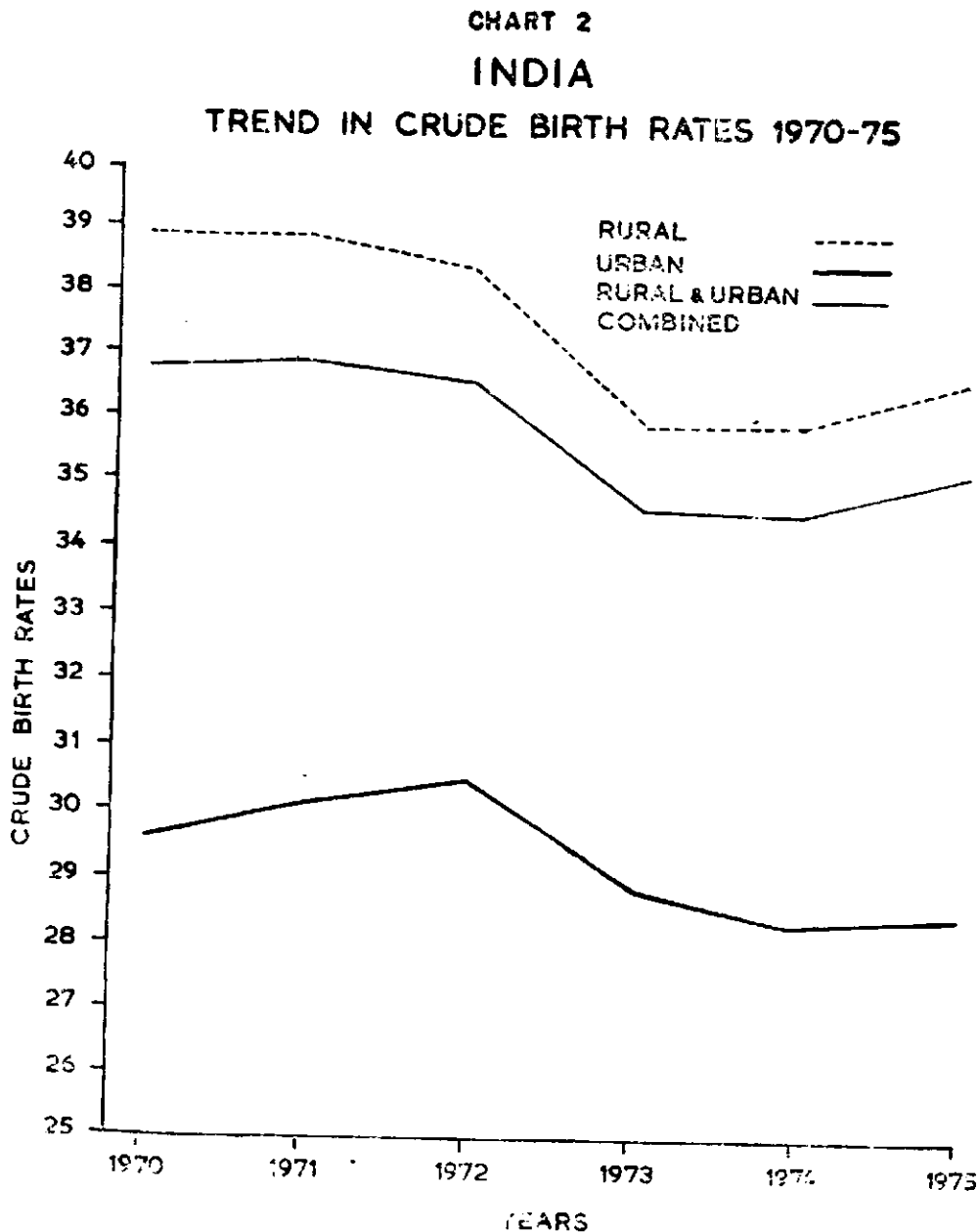
Fertility

2.22 Crude birth rate is the most commonly used indicator of fertility level. This is dependent on fertility pattern by age, which is indicated by the age specific fertility rates. General fertility rate, total fertility rate and gross reproduction rate are other indicators of fertility. An analysis of the estimates of these indicators is presented in the subsequent paragraphs.

(a) CRUDE BIRTH RATE

2.23 The rural-urban differentials in regard to crude birth rate at the national level for the period 1970-75 are presented in Statement 21. Though there

are fluctuations in the rates over the years due to variations in the field work, the general trend indicates that there is decline in the birth rate both in the rural and urban areas. Chart 2 illustrates the trend graphically. It may be seen that the birth rate in the rural areas is consistently higher than that in the urban areas. The margin of difference between the rural and urban rates is found to be in the range 7 to 9 during the period 1970-75. It is further noticed that there is a sudden dip in the birth rate both in the rural and urban areas during 1973 & 1974. During this period the half-yearly survey was postponed and combined with the next half-yearly survey. Also supervision work was suspended. There was also a vigorous family planning campaign. All these might have affected the rates.



STATEMENT 21

Estimated crude birth rates, India, 1970-75

Sector	Year					
	1970	1971	1972	1973	1974	1975
Rural	38.9	38.9	38.4	35.9	35.9	36.7
Urban	29.7	30.1	30.5	28.9	28.4	28.5
Total	36.8	36.9	36.6	34.6	34.5	35.2

2.24 The crude birth rates for major states are given in Statement 22, separately for rural and urban areas for 1970 and 1975. In the case of Haryana, Madhya Pradesh and Tamil Nadu the birth rate for 1975 exceeds that of 1970, indicating variations in the field work. Karnataka has the lowest birth rate closely followed by Kerala and the highest is observed for Uttar Pradesh. The figures for Assam and Karnataka seem to be low as judged from the large reduction in the birth rate during 1970-75. The rural birth rates are higher than

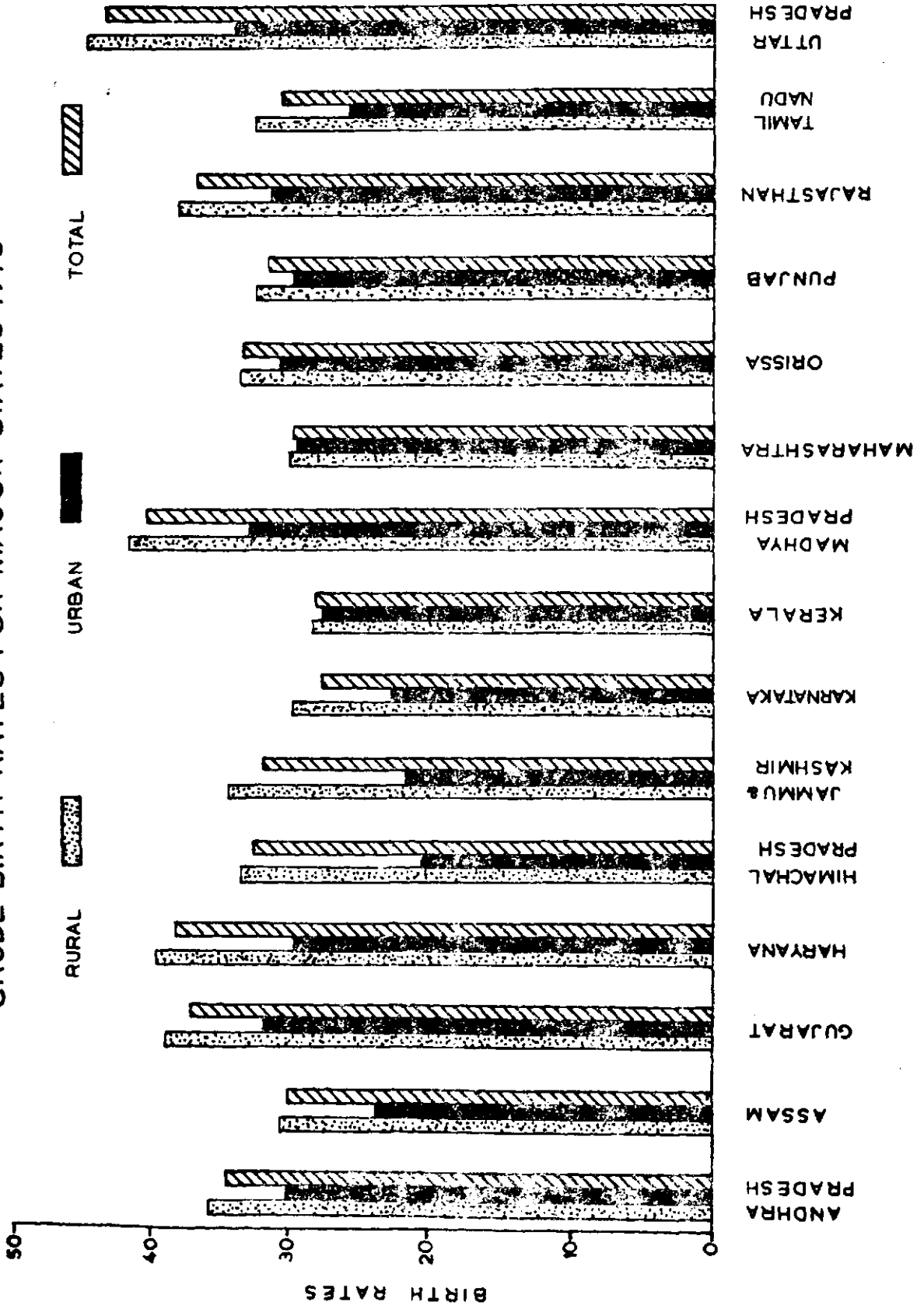
urban birth rates in all the states. In the case of Kerala and Maharashtra the rural-urban differentials in the birth rates are marginal. Over the years, there is a declining trend in the birth rates excepting in the case of Haryana, Madhya Pradesh and Tamil Nadu. In the case of Assam, Jammu & Kashmir (U), Karnataka, Orissa (R), the decline in the birth rate may be affected by variations in the field work. Chart 3 depicts state-wise variations in birth rate.

STATEMENT 22

Crude birth rates for major states, 1970 and 1975

States	Rural			Urban			Total		
	1970	1975	Index (1970=100)	1970	1975	Index (1970=100)	1970	1975	Index (1970=100)
Andhra Pradesh	35.8	35.9	100	33.8	30.1	89	35.4	34.9	98
Assam	39.5	30.7	78	32.0	23.7	74	38.8	30.1	78
Gujarat	43.2	38.9	90	34.9	31.8	91	41.0	37.0	90
Haryana	38.0	30.7	104	27.9	29.7	106	36.2	38.0	105
Himachal Pradesh	33.3	33.5	101	24.6	20.6	84	32.7	32.7	100
Jammu & Kashmir	35.0	34.5	98	25.6	21.6	84	33.0	31.9	97
Karnataka	35.0	29.7	85	27.8	22.5	81	33.0	27.7	84
Kerala	31.3	23.1	93	30.1	27.5	91	31.6	29.0	89
Madhya Pradesh	40.7	41.7	102	32.2	32.6	101	39.5	40.3	102
Maharashtra	32.1	29.9	93	30.4	29.4	97	31.5	29.7	94
Orissa	38.5	33.8	88	34.2	30.7	90	36.1	33.6	88
Punjab	34.7	32.5	94	30.6	29.2	95	33.8	31.8	94
Rajasthan	39.7	38.1	96	33.3	31.4	94	38.5	36.9	96
Tamil Nadu	32.6	32.7	100	23.8	25.9	109	30.0	30.7	102
Uttar Pradesh	46.9	44.5	95	34.7	33.9	98	45.4	43.1	95

CHART 3
CRUDE BIRTH RATES FOR MAJOR STATES 1975



2.25 The states have been categorised according to the levels of crude birth rate for the year 1975. The birth rates have been divided into several size-classes against which the corresponding states have been shown.

Size-Class	Rural	Urban
Below 25		Assam, Himachal Pradesh, Jammu & Kashmir and Karnataka
25-30	Karnataka, Kerala and Maharashtra	Haryana, Kerala, Maharashtra, Punjab and Tamil Nadu.
30-35	Assam, Himachal Pradesh, Jammu & Kashmir, Orissa, Punjab and Tamil Nadu	Andhra Pradesh, Gujarat, Madhya Pradesh, Orissa, Rajasthan and Uttar Pradesh.
35-40	Andhra Pradesh, Gujarat, Haryana, and Rajasthan	—
40-45	Madhya Pradesh and Uttar Pradesh	—

2.26 The crude birth rates for the states expressed as the percentages of the all-India rate indicate the fertility levels in different states in relation to the all-India level. Higher the percentages, higher is the relative level of fertility. A classification of states on the basis of these percentages for the year 1975 is given in

STATEMENT 24
Age specific fertility rates, India, 1970-75

Year	Age-groups						
	15-19	20-24	25-29	30-34	35-39	40-44	45-49
1970	104.8	256.3	269.7	207.9	130.5	65.0	26.5
1971	100.8	150.3	254.8	202.2	137.8	62.2	24.4
1972	104.2	235.3	253.0	199.9	133.3	60.7	28.6
1973	95.9	243.4	242.6	186.3	123.8	58.0	23.3
1974	95.7	248.8	246.6	189.1	117.2	55.7	21.4
1975	96.0	248.7	250.1	189.4	120.5	54.0	22.1

2.28 With 1970 as the base year, changes in the age specific fertility rates during successive years 1971 to 1975 may be seen from Statement 25. In this statement, the age specific fertility rates for the years 1971 to 1975 have been expressed as the percentages of the corresponding rates for the year 1970. These are referred to

STATEMENT 25
Fertility index for each age-group with 1970 as the base year, India, 1970-75

Year	Age-groups						
	15-19	20-24	25-29	30-34	35-39	40-44	45-49
1970	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1971	96.2	97.8	94.5	97.2	105.6	95.7	92.1
1972	99.4	93.6	93.8	96.2	102.1	93.4	107.9
1973	91.5	95.0	90.0	89.6	94.9	89.2	87.9
1974	91.3	97.1	91.4	91.0	89.8	85.7	80.8
1975	91.6	97.0	90.7	91.1	92.3	85.1	83.4

Statement 23. It is observed that Karnataka and Kerala belong to the same group having the lowest fertility levels. On the other extreme the fertility levels are relatively very high in Gujarat, Haryana, Madhya Pradesh, Rajasthan and Uttar Pradesh which form a contiguous belt.

STATEMENT 23
States classified according to the birth rates expressed as percentage of all-India rate

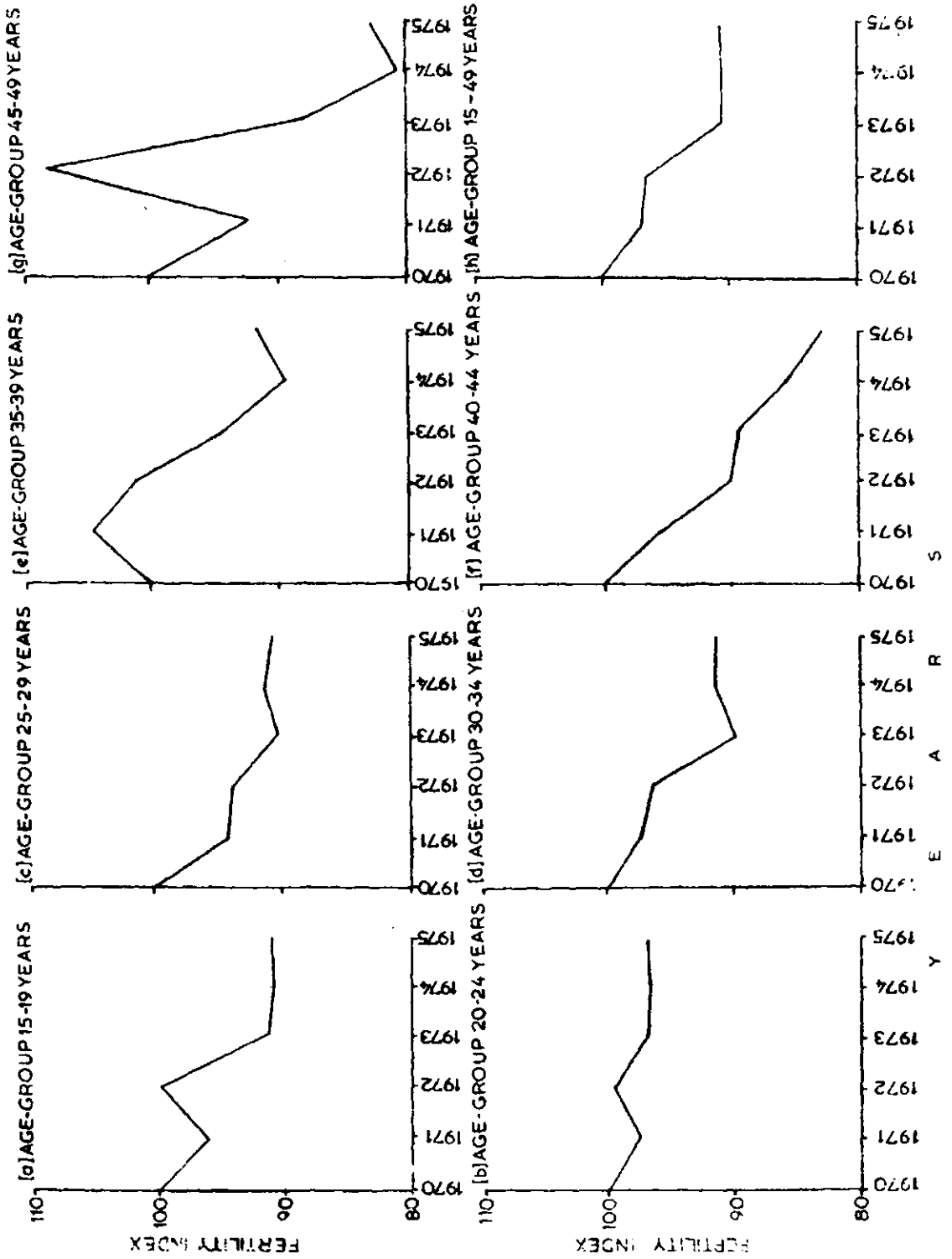
Group/State	State level birth rate expressed as percentage of all-India birth rate
1. Karnataka, Kerala	70-80
2. Assam, Maharashtra and Tamil Nadu	80-90
3. Andhra Pradesh, Himachal Pradesh, Jammu & Kashmir, Orissa and Punjab	90-100
4. Gujarat, Haryana, Madhya Pradesh, Rajasthan and Uttar Pradesh.	More than 100

(b) AGE SPECIFIC FERTILITY RATES

2.27 Statement 24 shows age specific fertility rates for India for 1970-75. These indicate broad pattern of variation in the level of fertility in relation to age of women. It is observed that fertility increases rather sharply from a relatively low level for the age-group 15-19 years to a very high level for the age-group 20-24 years. The fertility remains at the same level or attains a higher level for the age group 25-29 years and declines thereafter at a progressively higher rate with increase in age. Over the years, the fertility rates in each age-group are found to have declined. Reduction in the higher ages indicates reduction in the higher order births

as the fertility index. It is observed that the decline in fertility is about 3 per cent for age-group 20-24 years, 7 to 9 per cent for the age-groups 15-19, 25-29, 30-34 and 35-39 years and 17 per cent for 40-44 and 45-49 years. The fertility index is plotted against the corresponding year for each age-group in Chart 4.

CHART 4
INDIA
FERTILITY INDEX WITH 1970 AS THE BASE YEAR, 1970-1975



2.29 Statement 26 shows age specific fertility rates for rural and urban areas. Within each age-group, the fertility levels in rural areas are considerably higher than those in the urban areas. Over the years, the fertility

levels in both rural and urban areas are found to have declined in all the age-groups. Chart 5 depicts the rural and urban fertility patterns by age.

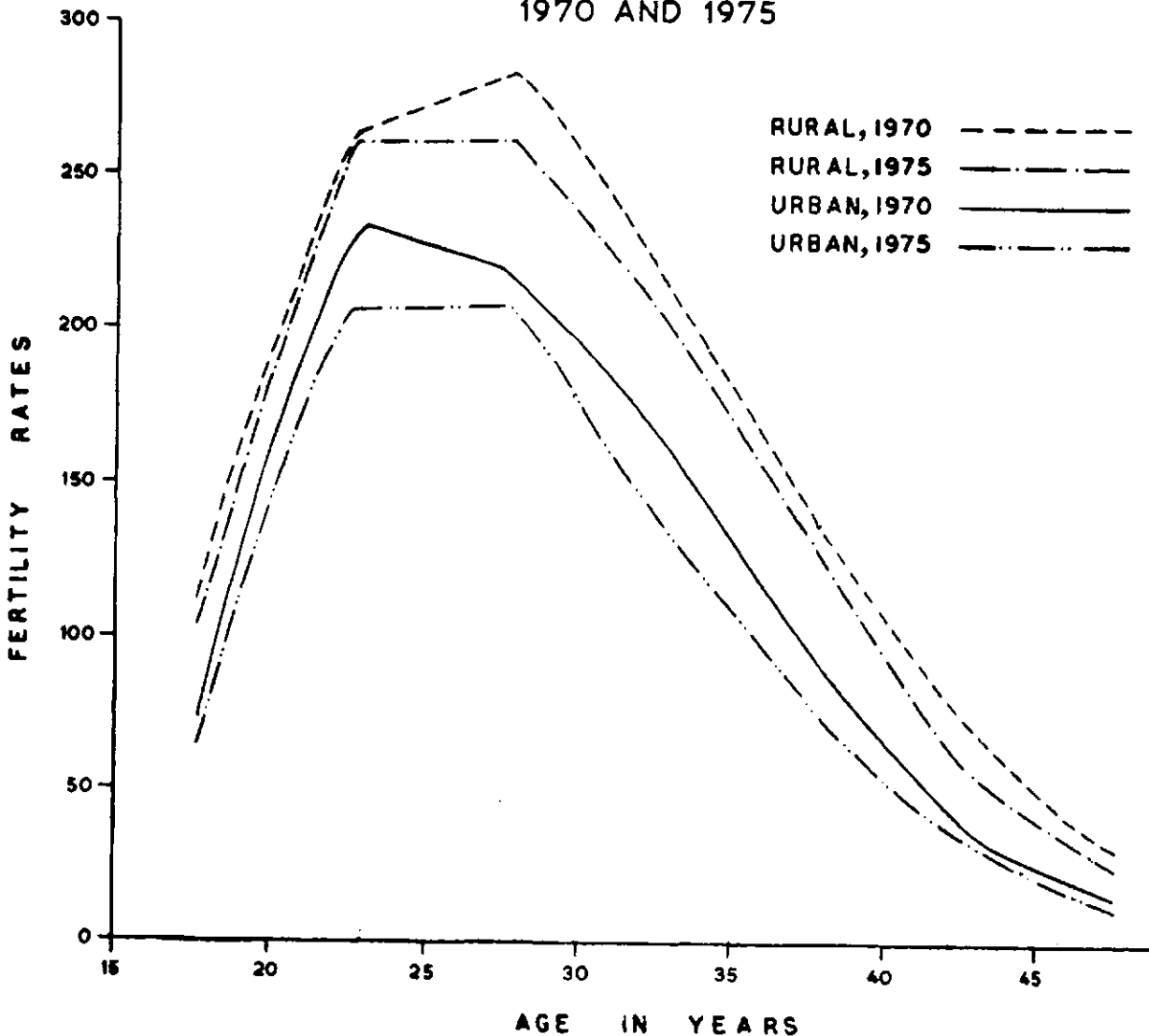
STATEMENT 26

Age specific fertility rates for rural and urban areas, India, 1970-75

Year	Age-groups					
	15-19	20-24	25-29	30-34	35-39	40-44
RURAL						
1970	112.8	261.7	282.6	217.0	138.9	70.6
1971	110.6	260.9	261.6	212.4	147.5	68.2
1972	111.5	260.9	256.8	205.1	142.0	65.3
1973	108.2	254.6	251.4	197.6	133.6	61.2
1974	101.9	262.1	250.2	200.7	125.8	61.2
1975	104.4	261.3	261.8	202.4	130.2	58.9
URBAN						
1970	74.7	230.0	217.2	163.5	93.4	37.3
1971	64.9	213.0	227.9	158.0	96.5	34.9
1972	75.5	233.5	237.6	175.1	93.8	37.7
1973	69.3	205.9	210.7	138.8	81.6	31.0
1974	62.2	202.0	204.3	140.5	79.3	30.5
1975	64.3	206.7	207.6	136.8	76.8	33.2

CHART 5

INDIA

FERTILITY PATTERN BY AGE IN RURAL AND URBAN AREAS,
1970 AND 1975

2.30 With 1970 as the base year, the changes in the age specific fertility rates in the successive years 1971 to 1975 for rural and urban areas are indicated in Statement 27. In the rural areas, the fertility level in the age-group 20-24 appears to have remained unchanged. But this apart, there is a decline in fertility and the extent

of decline is found to be about 7 per cent except for age-groups 40-44 and 45-49 years for which the extent of decline is about 16 per cent. In the urban areas, the decline in the fertility level is relatively more as compared to rural areas except for the age group 25-29 and 40-44 years.

STATEMENT 27

Fertility index for each age-group with 1970 as the base year for rural and urban areas, India, 1970-75

Year	Age-groups						
	15-19	20-24	25-29	30-34	35-39	40-44	45-49
	RURAL						
1970	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1971	98.0	99.3	92.6	97.9	106.2	96.6	90.4
1972	98.8	99.3	90.9	94.5	102.2	92.5	107.2
1973	91.5	96.9	89.0	90.0	96.2	90.9	88.3
1974	93.0	99.1	91.3	92.5	92.6	86.7	80.1
1975	92.6	99.5	92.6	93.3	93.7	83.4	84.2
	URBAN						
1970	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1971	86.9	93.0	104.9	96.6	103.3	93.0	110.0
1972	101.1	101.5	107.4	107.1	100.4	101.1	111.4
1973	92.8	89.5	97.0	84.9	87.4	83.1	87.1
1974	88.3	88.3	94.1	85.9	84.9	87.1	90.7
1975	86.1	89.9	95.6	83.7	82.2	89.0	77.8

2.31 The age specific fertility rates in rural areas are obviously higher than those in the urban areas, but the extent of difference between rural and urban rates is not the same for all age-groups. It may be seen from Statement 28 that the fertility rate for age-group 15-19 years in the rural areas is 1.6 times of that in the urban areas. This may be due to lower age at marriage in rural areas and correspondingly greater exposure to the risk of conception as compared to urban areas. The rural-urban ratio is found to be 1.2 for both the age-groups 20-24 and 25-29 years. It is progressively higher for the subsequent age-groups and the maximum value is found to be 2.0 for the age-group 45-49 years. Perhaps higher order births are much more in rural areas than in the urban areas and this may be the reason for very high rural-urban ratios in the higher age-groups.

STATEMENT 28

Ratio of average age specific fertility rates for the period 1970-75 for rural areas to corresponding averages for urban areas.

Age groups	15-19	20-24	25-29	30-34	35-39	40-44	45-49
Rural:Urban ratios	1.6	1.2	1.2	1.4	1.6	1.9	2.0

2.32 The rural-urban differential in age specific fertility pattern is also indicated by cumulative per cent fertility shown in Statement 29. The figures have been obtained by cumulating the age specific fertility rates over successive age-groups and expressing these as percentages of the total fertility rate. For the year

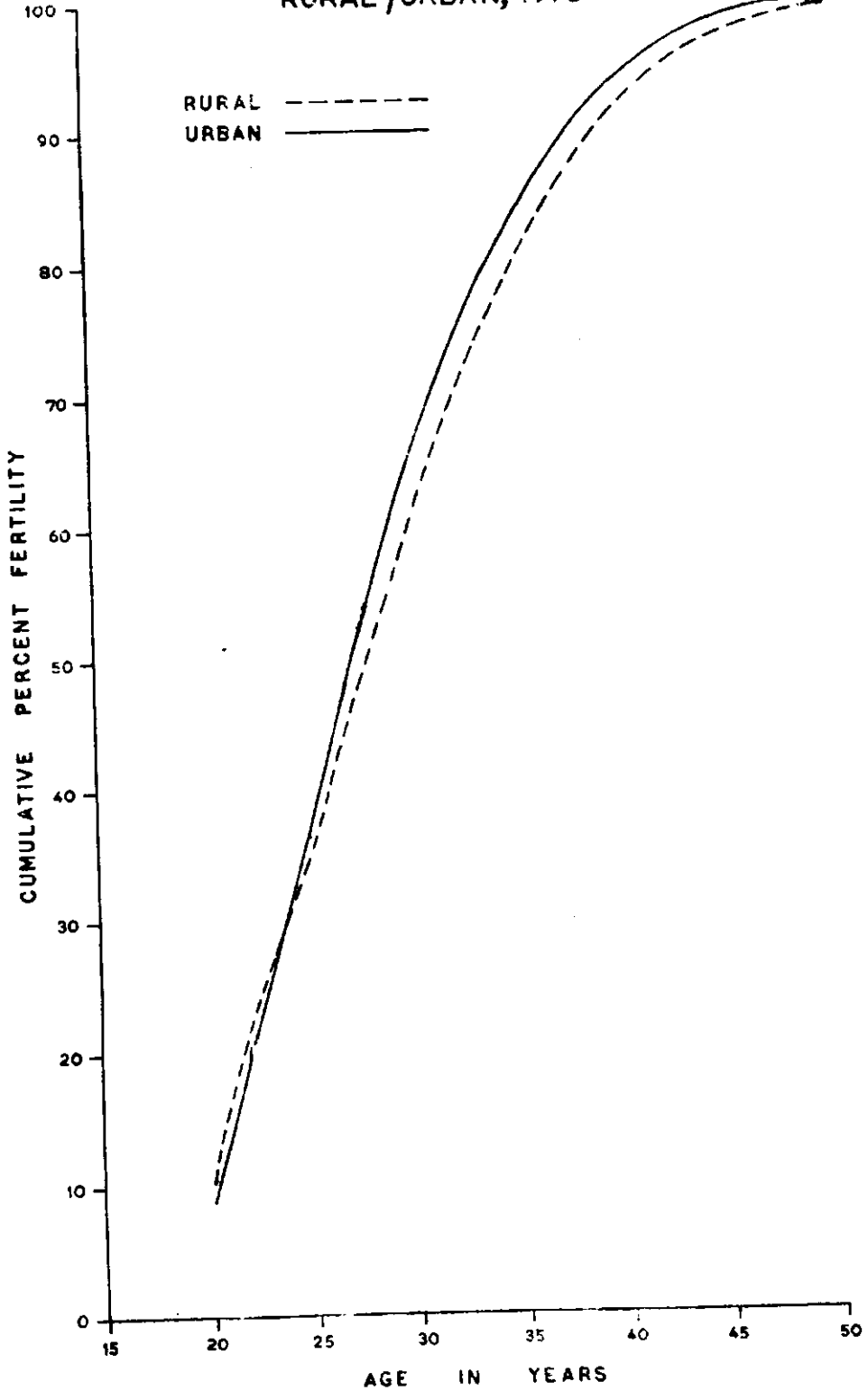
1975, it is observed that 60 per cent of the total fertility in rural areas was experienced before the age of 30 years, 89 per cent before the age of 35 years and 92 per cent before the age of 40 years. Correspondingly in urban areas 65 per cent of the total fertility was completed before the age of 30 years, 84 per cent before 35 years, and 94 per cent before 40 years. A comparison of 1970 and 1975 figures for rural areas indicates a slight increase in the cumulative per cent fertility below the age of 25 years from 34 in 1970 to 35 in 1975. The cumulative per cent fertility below the age of 20 years being almost the same for both the years, it is inferred that there is a corresponding increase in the contribution of age-group 20-24 years to the total fertility. The cumulative per cent fertility of 92 below the age of 40 years in 1975 as against 91 in 1970 indicates a decline in the contribution of higher ages 40 years & above to the total fertility from 9 per cent in 1970 to 8 per cent in 1975. In the urban areas, the cumulative per cent fertility below the age of 30 years is found to have increased from 63 in 1970 to 65 in 1975. The cumulative per cent fertility below the age of 25 years being the same for both the years, it is inferred that there is a corresponding increase in the contribution of age-group 25-29 years to the total fertility. Since the cumulative per cent fertility below the age of 40 years as well as these below the age 15 years are almost the same for both 1970 and 1975; there is a decline in the contribution of age interval 30-39 years to the total fertility. Chart 6 brings out the pattern of variation in cumulative per cent fertility in relation to age.

45-49

29-1
26-3
31-2
25-7
23-3
24-5

14-0
15-4
15-6
12-2
12-7
10-9

CHART 6
INDIA
CUMULATIVE PERCENT FERTILITY BY AGE
RURAL / URBAN, 1975



STATEMENT 29

Cumulative per cent fertility, India, 1970 and 1975

Age below	Rural		Urban	
	1970	1975	1970	1975
20 Years	10.1	10.0	9.0	8.23
25 Years	33.7	35.0	36.7	36.8
30 Years	59.1	60.1	62.9	65.0
35 Years	78.6	79.5	82.6	83.6
40 Years	91.0	92.0	93.8	94.0
45 Years	97.4	97.6	98.3	98.5
50 Years	100.0	100.0	100.0	100.0

2.33 The age specific fertility rates in the major states broadly follow the same pattern as may be seen from statement 30. However, within each age-group the fertility rates are found to vary widely. The ranges of variation are 26 to 145 for age-group 15-19 years, 189 to 297 for 20-24 years, 192 to 333 for 25-29 years, 130 to 247 for 30-34 years, 84 to 166 for 35-39 years, 18 to 90 for 40-44 years and 6 to 43 for 45-49 years. Whatever be the range of variation within each age-

group, the rates for Karnataka and Kerala are found to be relatively low for all the age-groups. The rates for Tamil Nadu are also relatively low for most of the age-groups. On the other extreme the rates for Gujarat, Haryana, Madhya Pradesh, Rajasthan and Uttar Pradesh are relatively very high for all or most of the age-groups. Chart 7 depicts the fertility pattern in Kerala and Uttar Pradesh which are on the two extreme having the lowest and highest fertility respectively.

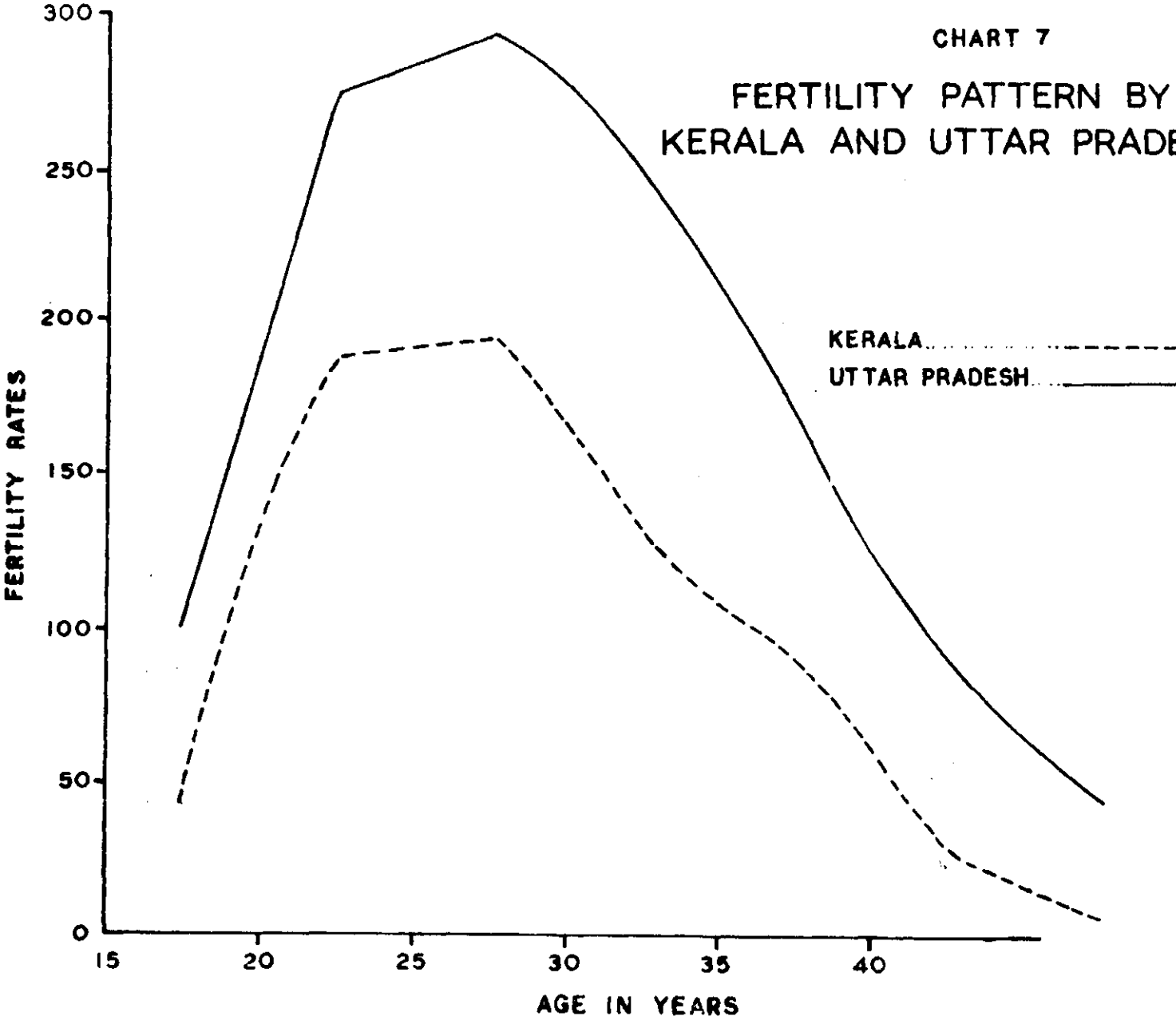
STATEMENT 30

Age specific fertility rates for major states, 1975

States	Age-groups						
	15-19	20-24	25-29	30-34	35-39	40-44	45-49
Andhra Pradesh	145.0	260.8	212.8	154.4	89.2	44.4	10.2
Assam	84.0	207.5	226.4	174.1	101.3	26.6	5.9
Gujarat	72.4	281.7	284.3	193.0	116.0	54.4	17.3
Haryana	71.5	280.7	333.2	229.4	147.2	80.5	26.9
Himachal Pradesh	78.5	284.8	225.2	158.3	92.5	18.4	8.5
Jammu & Kashmir	69.2	209.4	240.1	199.6	130.0	58.8	32.9
Karnataka	78.7	193.2	192.2	141.7	87.3	38.8	9.3
Kerala	43.1	188.9	193.0	130.0	89.0	27.7	5.8
Madhya Pradesh	140.8	296.8	278.8	231.7	152.0	68.4	31.4
Maharashtra	77.5	228.0	223.0	153.0	86.0	34.0	14.0
Orissa	105.4	238.7	249.2	168.3	102.0	43.9	21.2
Punjab	26.4	228.3	285.8	207.5	127.5	52.8	15.7
Rajasthan	102.5	253.9	269.7	219.9	143.5	63.5	27.6
Tamil Nadu	79.6	223.4	213.8	137.1	83.9	23.7	7.2
Uttar Pradesh	101.9	274.3	292.6	247.4	165.6	89.6	43.3

CHART 7

FERTILITY PATTERN BY AGE IN KERALA AND UTTAR PRADESH, 1975



2.34 The rural-urban differentials in the age specific fertility rates for the major states may be seen from Statement 31. The fertility rates in all the age-groups

are generally higher for rural areas as compared to urban areas. In Kerala, Maharashtra the differences between the rural and urban rates are relatively small.

STATEMENT 31

Age specific fertility rates for rural and urban areas of major States, 1975

States	Rural Urban	Age-groups						
		15-19	20-24	25-29	30-34	35-39	40-44	45-49
Andhra Pradesh	Rural	156.1	271.4	216.3	161.5	94.2	48.2	11.2
	Urban	94.9	222.7	198.0	122.1	62.0	27.7	4.3
Assam	Rural	87.9	213.1	226.5	178.7	105.5	27.4	6.0
	Urban	39.7	147.6	224.6	124.5	54.2	17.8	5.3
Gujarat	Rural	73.7	299.7	294.8	212.6	130.4	61.6	20.7
	Urban	68.7	236.1	251.6	134.0	70.3	33.3	6.9
Haryana	Rural	79.1	298.4	393.3	242.0	163.0	89.5	30.7
	Urban	38.7	209.0	249.3	170.6	77.5	42.3	10.5
Himachal Pradesh	Rural	81.2	291.7	226.9	153.5	94.8	18.6	8.7
	Urban	26.6	170.6	154.1	89.5	42.0	14.9	3.5
Jammu & Kashmir	Rural	77.4	232.2	257.7	218.1	146.8	65.1	36.4
	Urban	38.8	135.3	170.9	110.3	51.2	29.1	17.9
Karnataka	Rural	38.0	213.0	206.5	156.8	97.2	43.7	10.2
	Urban	54.9	151.1	160.7	103.9	60.4	25.5	6.9
Kerala	Rural	41.6	188.5	194.8	134.0	94.1	29.8	5.4
	Urban	51.0	190.6	183.2	109.1	58.0	16.2	8.1
Madhya Pradesh	Rural	155.0	307.6	287.7	243.4	160.4	72.6	35.6
	Urban	74.6	249.0	229.2	162.3	93.5	42.7	4.3
Maharashtra	Rural	77.0	225.0	229.0	167.0	96.0	37.0	15.0
	Urban	78.0	232.0	212.0	122.0	63.0	25.0	9.0
Orissa	Rural	107.5	239.9	252.5	170.6	101.8	44.0	20.8
	Urban	74.0	224.2	211.3	140.2	105.1	42.5	30.1
Punjab	Rural	28.4	236.2	298.2	218.5	136.0	58.1	17.3
	Urban	19.6	202.6	246.3	169.1	95.7	34.5	9.8
Rajasthan	Rural	106.6	268.3	280.9	228.0	150.6	66.7	29.6
	Urban	83.0	228.2	222.7	177.6	103.2	48.0	16.9
Tamil Nadu	Rural	93.2	251.3	236.1	149.0	92.5	26.0	6.7
	Urban	52.9	174.2	170.9	111.0	62.8	18.2	8.5
Uttar Pradesh	Rural	127.2	307.6	323.9	270.8	192.2	101.2	53.9
	Urban	66.2	227.5	244.0	203.9	118.6	66.9	23.2

(c) OTHER FERTILITY INDICATORS

2.35 Statement 32 shows general fertility rates, total fertility rates and gross reproduction rates for 1970 to 1975. The rates indicate declining trend over the years. The general fertility rate is found to have declined from 166 in 1970 to 150 in 1975. This implies a reduction of 16 live births per thousand women in the reproductive age-group 15-49 years. The total fertility rate is found to be 4.9 for 1975 as against 5.3 for 1970. This indicates that the average number of children expected to be born per woman during the

entire reproductive span of 15-49 years would be 4.9 as per the age specific fertility schedules for 1975 as against 5.3 as per the age specific fertility schedules for 1970. Similarly the gross reproduction rates indicate a reduction in the average number of female children expected to be born per woman during the entire reproductive span from 2.6 to 2.4 as per the decline in the fertility schedules during the period 1970-75. This amounts to a reduction of 10 per cent in the gross reproduction rate during 1970-75.

STATEMENT 32

General fertility, total fertility and gross reproduction rates, India, 1970-75

Year	General fertility rate	Total fertility rate	Gross reproduction rate
1970	165.8	5.3	2.6
1971	161.1	5.2	2.5
1972	160.7	5.2	2.5
1973	150.2	4.9	2.4
1974	150.2	4.9	2.3
1975	150.4	4.9	2.4

2.36 Statement 33 shows general fertility rates, total fertility rates and gross reproduction rates for rural and urban areas, separately. The general fertility rates for rural areas are found to be higher than those for urban areas by a margin of 40. The total fertility rates and gross reproduction rates are also higher in rural areas than in the urban areas. The differences in the rural-urban rates are found to be about 1.5 for total fertility rates and 0.8 for gross reproduction rates.

STATEMENT 33

General fertility and gross reproduction rates for rural and urban areas, India, 1970-75

Year	Rural			Urban		
	General fertility rate	Total fertility rate	Gross reproduction rate	General fertility rate	Total fertility rate	Gross reproduction rate
1970	173.4	5.6	2.7	133.2	4.1	1.9
1971	168.7	5.4	2.6	130.1	4.1	1.9
1972	165.6	5.4	2.7	139.8	4.3	2.1
1973	157.6	5.2	2.5	121.5	3.7	1.7
1974	158.6	5.2	2.5	117.4	3.7	1.7
1975	158.6	5.2	2.5	118.6	3.7	1.8

2.37 Among the major states, the general fertility rates, total fertility rates and gross reproduction rates are lowest in Kerala and highest in Uttar Pradesh. This may be seen from Statement 34. General fertility rates are found to be in the range of 10.7 to 21.7. The total fertility rates and gross reproduction rates are in the ranges of 3.4 to 6.6, and 1.6 to 3.2 respectively.

STATEMENT 34

General fertility, total fertility and gross reproduction rates for major states, 1975

States	General fertility rate	Total fertility rate	Gross reproduction rate
1	2	3	4
Andhra Pradesh	143.6	4.6	2.3
Assam	132.5	4.1	1.9
Gujarat	158.3	5.1	2.6
Haryana	177.7	5.8	2.9
Himachal Pradesh	139.8	4.3	2.1
Jammu & Kashmir	198.7	4.7	2.2

STATEMENT—34—Concl.

	1	2	3	4
Karnataka		124.5	3.7	1.8
Kerala		107.3	3.4	1.6
Madhya Pradesh		183.1	6.0	3.0
Maharashtra		126.0	4.3	2.0
Orissa		141.5	4.6	2.3
Punjab		139.5	4.7	2.2
Rajasthan		165.7	5.4	2.6
Tamil Nadu		121.8	3.8	1.9
Uttar Pradesh		217.0	6.6	3.2

2.38 The rural-urban differences in the general fertility rates, total fertility rates and gross reproduction rates for major states may be seen from Statement 35. The rates for rural areas are higher than those for urban areas in all the states. The differences in respect of general fertility rates are found to be in the range of 28 to 70. However, in Kerala, Maharashtra and Orissa, the differences are 10 or below. The differences in respect of total fertility rates are in the range of 1.1 to 2.5 except in Kerala, Maharashtra and Orissa. The rural-urban differences in gross reproduction rates are in the range of 0.4 to 1.1 except in Kerala and Maharashtra.

STATEMENT 35

General fertility, total fertility and gross reproduction rates for rural and urban areas of major states, 1975

States	Rural			Urban		
	General fertility rate	Total fertility rate	Gross fertility rate	General fertility rate	Total fertility rate	Gross reproduction rate
Andhra Pradesh	148.6	4.8	2.3	120.7	3.6	1.8
Assam	135.4	4.2	2.0	99.8	3.1	1.5
Gujarat	168.0	5.5	2.6	130.0	4.0	2.0
Haryana	190.2	6.5	3.1	124.0	4.0	2.0
Himachal Pradesh	142.7	4.1	2.1	85.0	2.5	1.2
Jammu & Kashmir	152.2	5.2	2.4	84.5	2.8	1.3
Karnataka	134.0	4.1	2.0	100.3	2.8	1.4
Kerala	108.0	3.4	1.6	103.7	3.1	1.5
Madhya Pradesh	191.7	6.3	3.1	136.1	4.3	2.1
Maharashtra	128.0	4.3	2.0	123.0	3.7	2.0
Orissa	142.2	4.7	2.4	132.2	4.1	2.0
Punjab	145.7	5.0	2.3	118.5	3.9	1.9
Rajasthan	171.6	5.6	2.7	137.6	4.4	2.0
Tamil Nadu	133.1	4.2	2.1	98.1	3.0	1.6
Uttar Pradesh	225.8	6.9	3.5	155.9	4.8	2.3

2.39 In para 2.26 a grouping of states has been attempted on the basis of crude birth rates. However, the crude birth rates do not take into account the age & sex composition of population in different states and as such do not truly reflect the fertility differentials among the states. Therefore, in order to enable better comparison of the fertility levels among states, standardised birth rates have been worked out by applying the age specific fertility rates for the states to the population at all-India level, used as the standard population. The general fertility rates have also been standardised in the same way and these are also shown along with in Statement 36. It is observed from this statement that Kerala and Uttar Pradesh have distinctively the lowest and highest fertility levels respectively. Next to Kerala, the fertility levels in Karnataka and Tamil Nadu are also low. The

standardised birth rates in these states are around 27. These as well as standardised general fertility rates, total fertility rates and gross reproduction rates are between 70 and 80 per cent of the corresponding all-India rates. In Assam, Himachal Pradesh and Maharashtra; the standardised birth rates are around 29. These as well as standardised general fertility rates, total fertility rates and gross reproduction rates are between 80 and 90 per cent of the corresponding all-India rates. Similar grouping of other states is also indicated in Statement 36. In Andhra Pradesh, Jammu & Kashmir, Orissa and Punjab; standardised birth rates are about 33/34. In Gujarat and Rajasthan, the rates are 37 and 38 respectively and in Haryana and Madhya Pradesh, the rates are around 42. Chart 8 depicts the standardised birth rates for states.

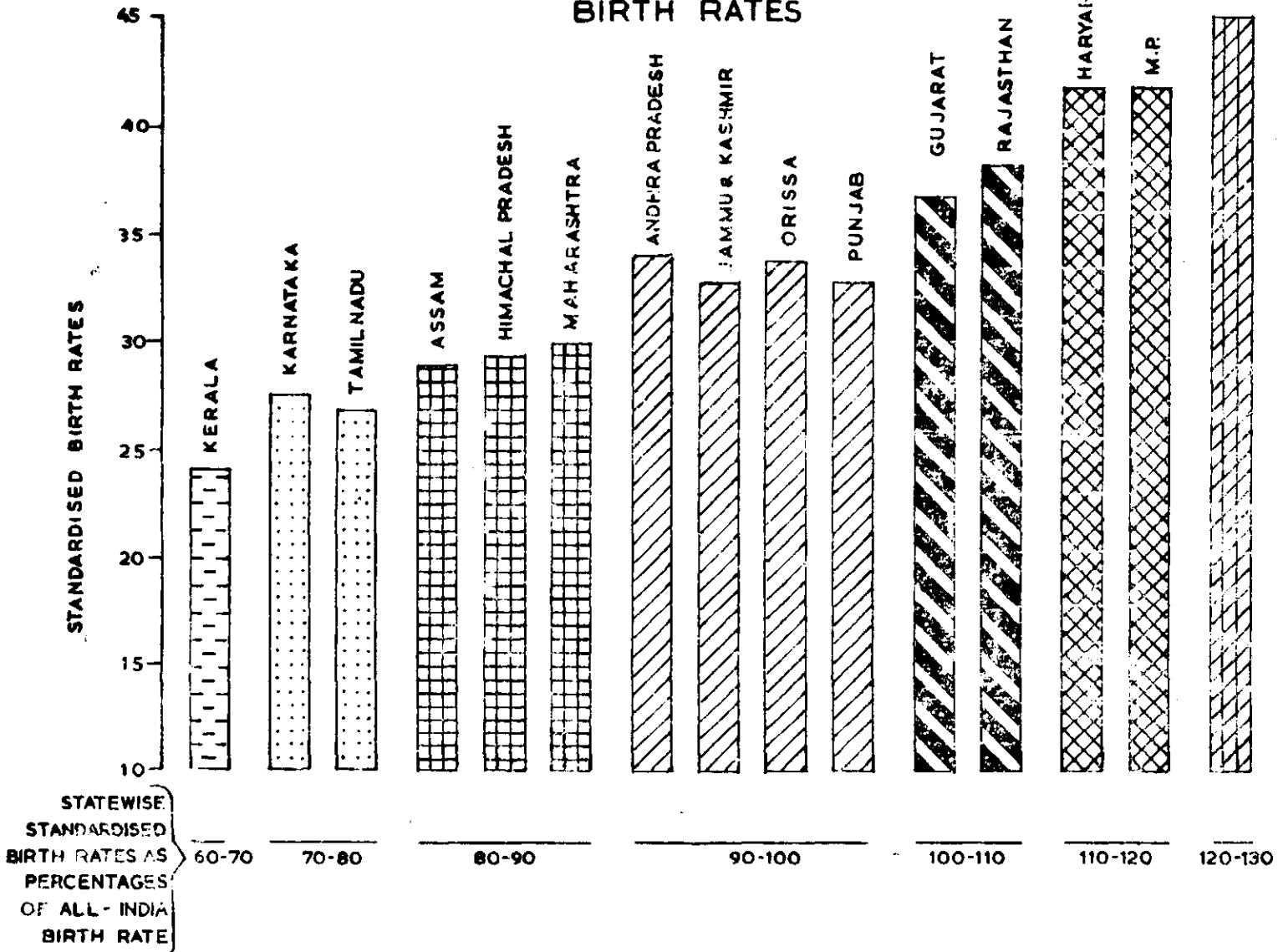
STATEMENT 36

Classification of major states based on standardised birth rates and general fertility rates for 1975

Group	States	Standardised birth rate	Percentage of all-India birth rate (35.2)	Standardised general fertility rate	Percentage of all-India general fertility rate (150.4)	
i	2	3	4	5	6	
I	Kerala	24.1	68.5	103.3	68.7	Total fertility rate (TFR) and gross reproduction rate (GRR) are also between 60 and 70 per cent of all-India rate.
II	Karnataka Tamil Nadu	27.6 26.8	78.5 76.1	118.2 114.7	77.3 76.3	The values of TFR and GRR are also between 70 and 80 per cent of all-India rates
III	Assam Himachal Pradesh Maharashtra	28.9 29.3 29.9	82.2 83.2 84.9	123.6 125.5 127.9	82.2 83.4 85.9	TFR and GRR values are also between 80 and 90 per cent of all-India rates.
IV	Andhra Pradesh Jammu & Kashmir Orissa Punjab	34.1 32.7 33.7 32.7	96.9 92.9 95.7 92.9	145.7 139.9 141.5 140.7	96.9 93.8 94.1 93.6	TFRs and GFRs are also between 90 and 100 per cent of all-India rates

CHART 8

CLASSIFICATION OF STATES ACCORDING TO STANDARDISED BIRTH RATES



	1	2	3	4	5	6	
V	Gujarat	36.9	104.8	157.8	104.9	TFP's and GR's are between 100 and 110 per cent of all-India rates.	
	Rajasthan	36.9	108.8	161.0	109.0		
VI	Haryana	41.8	118.7	178.9	116.9	TFP's and GR's are between 110 and 120 per cent of all-India rates.	
	Madhya Pradesh	42.0	119.3	179.6	119.4		
VII	Uttar Pradesh	45.2	128.4	193.4	126.8	TFP's and GR's are also above 120 per cent of the all-India rate.	

Type of medical attention at birth

2.40. Information on the type of medical attention received at birth was collected with a view to indicate the institutional and professional medical help available at the time of child-birth. The first category includes all births which took place in hospitals, nursing homes, maternity homes and similar other institutions. The second category includes all births in respect of which the deliveries were conducted at home by doctors or other trained professionals, such as, nurses midwives etc. The third category includes all births in respect of which deliveries were conducted at home by untrained village dais or any other untrained professionals. The fourth category includes all other births for which the deliveries were conducted at home by relatives or any other persons excluding those already mentioned.

2.41. The distribution of live births classified according to the type of medical attention is shown in Statement 37. The percentage of institutional births is found to have increased from about 10 to 15 during 1970-75. The percentage of births attended by trained practitioners is also found to have increased from about 11 to 16 during the same period. On the other hand, the percentages of births attended by untrained practitioners and others have declined, although these remained very high, and were around 50 and 20 respectively for the year 1975. Thus, a greater proportion of births is attended by untrained medical practitioners and others.

STATEMENT 37

Percentage distribution of births by type of medical attention, India, 1970-1975

Year	Institutional	Trained practitioners	Untrained practitioners	Others
1	2	3	4	5
1970	10.3	11.4	55.6	22.7
1971	13.7	14.5	47.7	24.1

STATEMENT 37—*Concl'd.*

1	2	3	4	5
1972	13.1	14.6	50.7	21.6
1973	14.3	14.4	50.5	20.8
1974	14.7	15.1	50.7	19.5
1975	14.7	15.8	50.1	19.4

2.42. In the rural areas, the percentages of institutional births are found to be very low (less than 10) for all the years. This may be seen from Statement 38. The percentages of births attended by trained practitioners are also low, though these are slightly higher as compared to institutional births. The percentages of institutional births as well as these attended by trained practitioners show slow upward trend over the years. The percentage of births attended by untrained practitioners and others remained very high (about 80 per cent). A graphical presentation of distribution of births by type of medical attention is given in Chart 9.

STATEMENT 38

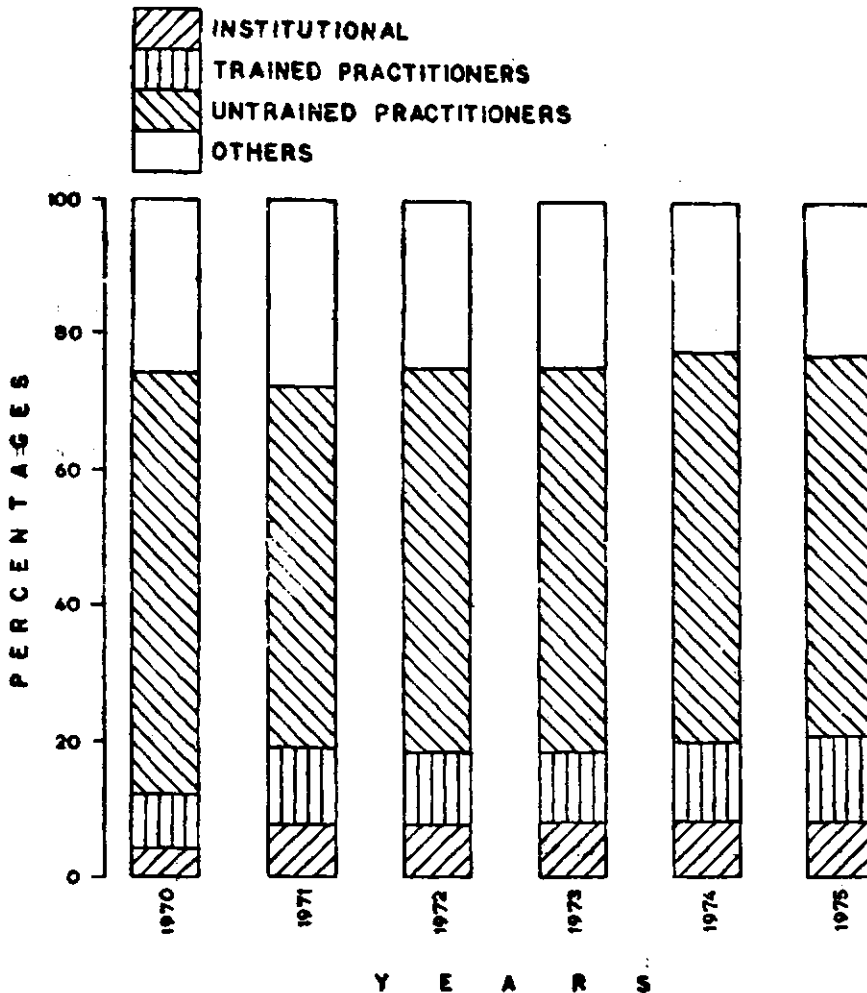
Percentage distribution of births by type of medical attention in rural areas, India, 1970-75

Year	Institutional	Trained practitioners	Untrained practitioners	Others
1970	4.2	8.1	61.8	25.9
1971	7.8	11.3	53.1	27.8
1972	7.3	11.5	56.3	24.9
1973	7.9	10.8	56.5	24.8
1974	8.3	11.9	57.2	22.6
1975	8.4	12.4	56.4	22.8

CHART 9

INDIA

PERCENTAGE OF BIRTHS BY TYPE OF MEDICAL
ATTENTION, 1970-75
(RURAL)



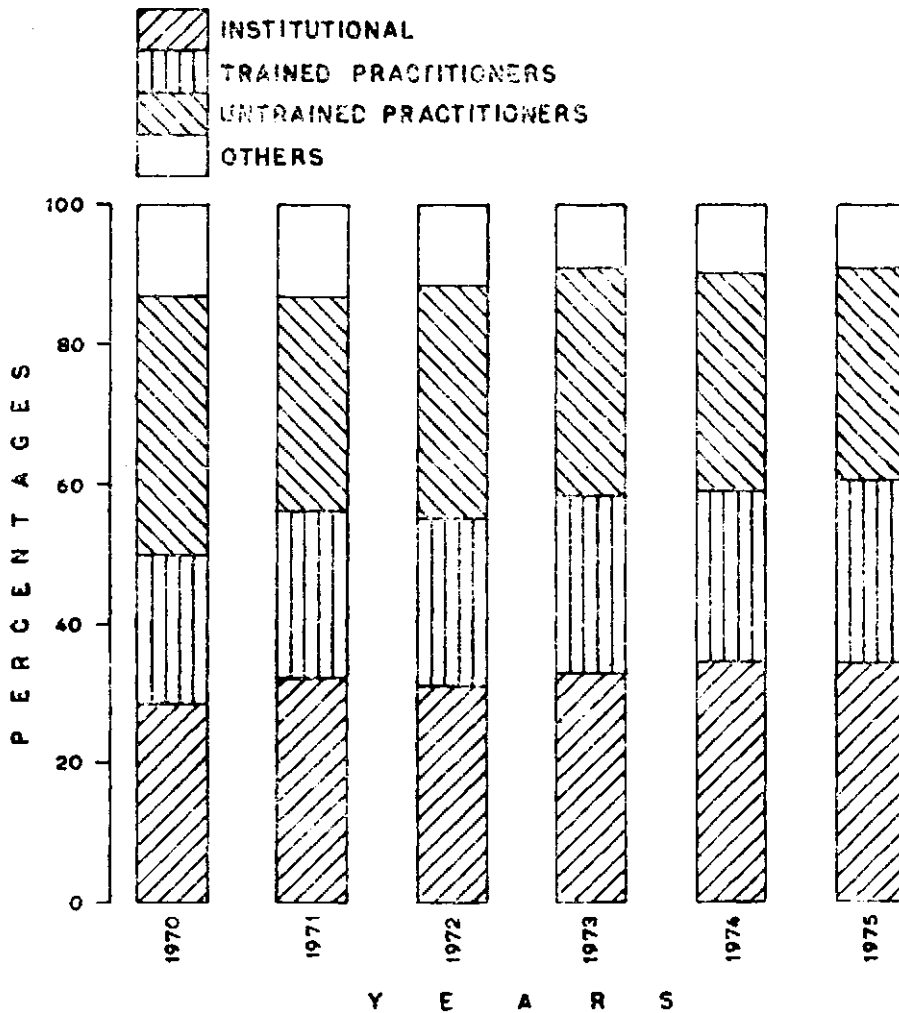
2.43 In the urban areas, the percentages of institutional births are relatively high. This may be seen from Statement 39. There is an upward trend over the years and the percentage is found to have increased from 26 in 1970 to 34 in 1975. The percentage of births attended by trained practitioners is also found to have increased from 21 to 26 during the same period. Correspondingly, the percentages of births attended by untrained practitioners and others are found to be declining, over the years. Whereas the institutional births as well as those attended by trained practitioners accounted for 61 per cent of the total births in 1975, the births attended by untrained practitioners accounted for 30 per cent and those attended by others accounted for only 9 per cent of the total births. Chart 10 provides a graphical presentation of the distribution of births by type of medical attention in urban areas.

STATEMENT 39

Percentage distribution of births by type of medical attention in urban areas, India, 1970-1975

Year	Institutional	Trained practitioners	Untrained practitioners	Others
1	2	3	4	5
1970	26.3	21.5	37.0	15.2
1971	32.1	24.5	31.0	12.4
1972	31.0	24.2	33.3	11.5
1973	33.1	26.2	32.7	9.0
1974	34.3	24.8	30.9	10.0
1975	34.4	26.2	30.5	9.1

CHART 10
INDIA
PERCENTAGE OF BIRTHS BY TYPE OF MEDICAL
ATTENTION, 1970-75
(URBAN)



2.44 Among the major states, the percentage of institutional births is found to be lowest (2) in Jammu & Kashmir and highest (36) in Kerala. It may be seen from Statement 40 that the percentages are also very low in Haryana, Punjab, Rajasthan and Uttar Pradesh. On the other hand these are relatively high in Maharashtra and Tamil Nadu. The percentages of births attended by trained practitioners are found to vary within the range of 6 to 42. The percentages of births attended by untrained practitioners are found to be very high in most of the states. These are in the range of 23 to 80. Kerala is the only state where the births attended by institutions and trained practitioners are found to have accounted for about 60 per cent of the total births. In most of the states, these accounted for less than 30 per cent of the total births. The variation in the distribution of births by type of medical attention among major states is depicted in Chart 11.

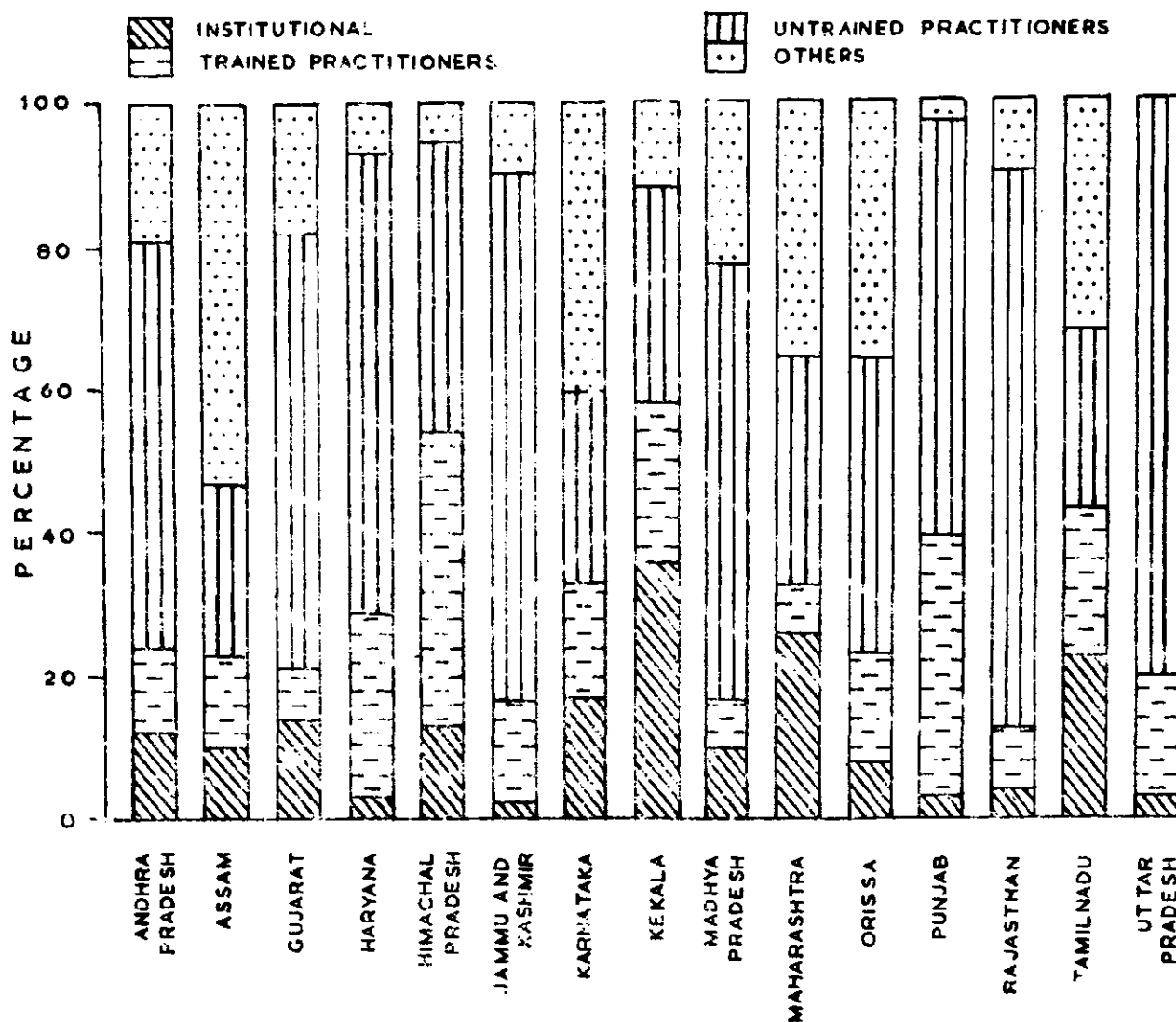
STATEMENT 40

Percentage distribution of births by type of medical attention for major states, 1975

States	Institutional	Trained practitioners	Untrained practitioners	Others
Andhra Pradesh	12.2	12.0	56.8	19.0
Assam	10.7	12.8	23.4	53.1
Gujarat	14.1	7.2	60.8	17.9
Haryana	2.9	26.1	64.2	6.8
Himachal Pradesh	12.9	41.2	40.2	5.7
Jammu & Kashmir	2.3	14.3	73.4	10.0
Karnataka	16.9	16.0	26.7	40.4
Kerala	35.5	22.1	30.4	12.0
Madhya Pradesh	9.6	7.0	60.6	22.8
Maharashtra	25.8	6.8	31.4	36.0
Orissa	7.4	15.5	41.1	36.0
Punjab	2.9	36.3	57.6	3.2
Rajasthan	4.2	8.3	77.5	10.0
Tamil Nadu	22.4	20.4	24.9	32.3
Uttar Pradesh	3.6	16.3	79.5	0.6

CHART 11

PERCENTAGE OF BIRTHS BY TYPE OF MEDICAL ATTENTION IN MAJOR STATES, 1975



2.45 It may be seen from Statement 41 that the institutional births in rural areas are very small and almost negligible (1 per cent or even less) in Haryana, Jammu & Kashmir, Madhya Pradesh, Punjab, Rajasthan and Uttar Pradesh. These are also low (3.1 per cent) in Himachal Pradesh and Orissa. In Kerala, the percentage of institutional births is highest (29). In Tamil Nadu, the percentage is about 15. The percentages of births attended by trained practitioners are found to be within the range of 3 to 23. The percentages of births attended by untrained practitioners are found to be very high in most of the states. These are in the range of 24 to 92. In most of the states, the percentages of births attended by untrained practitioners and others are more than 85. In Kerala, 50 per cent of the births are attended by institutions and trained practitioners and 50 per cent by untrained practitioners and others.

STATEMENT 41

Percentage distribution of births by type of medical attention in rural areas of major states, 1975

States	Institutional	Trained practitioners	Untrained practitioners	Others
1	2	3	4	5
Andhra Pradesh	5.9	9.5	62.7	21.9
Assam	5.6	9.0	24.1	61.3
Gujarat	8.6	6.0	66.3	19.1
Haryana	0.3	20.3	71.4	8.0
Himachal Pradesh	3.0	22.5	65.0	9.5
Jammu & Kashmir	1.3	3.9	83.9	10.9
Karnataka	6.9	17.1	31.5	44.5
Kerala	28.8	21.8	34.8	14.6

STATEMENT 41—*Concid.*

1	2	3	4	5
Madhya Pradesh .	0.8	7.2	64.7	27.3
Maharashtra .	8.5	7.4	38.5	45.6
Orissa . . .	3.7	11.5	45.0	39.8
Punjab . . .	1.2	21.5	73.7	3.6
Rajasthan . .	0.3	5.0	82.0	12.7
Tamil Nadu .	14.5	19.9	28.9	36.7
Uttar Pradesh .	0.4	6.6	92.2	0.8

2.46 In the urban areas, the percentages of institutional births are higher than those in the rural areas as may be seen from Statement 42. The percentages are in the range of 16 to 65 except in respect of Haryana, Jammu & Kashmir, Punjab and Uttar Pradesh. In Maharashtra, the percentage is highest (65). In Karnataka, Kerala and Tamil Nadu, the percentages are between 55 and 58. In Andhra Pradesh, Gujarat and Madhya Pradesh, the Percentages are between 40 and 45. The percentages of births attended by trained practitioners are found to be very high for Punjab (72) and Himachal Pradesh (60). These are also high for Haryana (42), Jammu & Kashmir (39), and Uttar Pradesh (39). The percentages are very low (between 5 and 7) for Madhya Pradesh and Maharashtra, both having relatively high percentages of institutional births. For all other states, the percentages are in the range of 10 to 30. The percentages of births attended by untrained practitioners are more than 45 per cent in respect of Haryana, Jammu & Kashmir, Madhya Pradesh, Rajasthan and Uttar Pradesh. The combined percentages of births attended by untrained practitioners and others are less than 50 except in Assam, Jammu & Kashmir, Madhya Pradesh, Orissa, Rajasthan and Uttar Pradesh.

STATEMENT 42

Percentage distribution of births by type of medical attention in urban areas of major States, 1975

States	Institutional	Trained	Untrained	Others
1	2	3	4	5
Andhra Pradesh .	42.0	24.1	29.0	4.9
Assam . . .	23.1	22.1	21.7	33.1
Gujarat . . .	43.5	12.3	32.3	11.9

STATEMENT 42—*Concid.*

1	2	3	4	5
Haryana . . .	9.8	41.5	45.2	3.5
Himachal Pradesh	22.4	59.6	16.0	2.0
Jammu & Kashmir	4.8	38.6	48.8	7.8
Karnataka . . .	55.6	11.8	8.1	24.5
Kerala . . .	57.8	23.0	15.6	4.6
Madhya Pradesh .	40.3	6.5	46.1	7.1
Maharashtra . .	64.6	5.2	15.6	14.6
Orissa . . .	15.8	24.8	32.1	27.3
Punjab . . .	6.9	71.9	18.9	2.3
Rajasthan . . .	16.0	18.2	63.8	2.0
Tamil Nadu . . .	54.6	22.6	8.8	14.0
Uttar Pradesh .	11.0	38.8	50.0	0.2

Mortality

CRUDE DEATH RATE

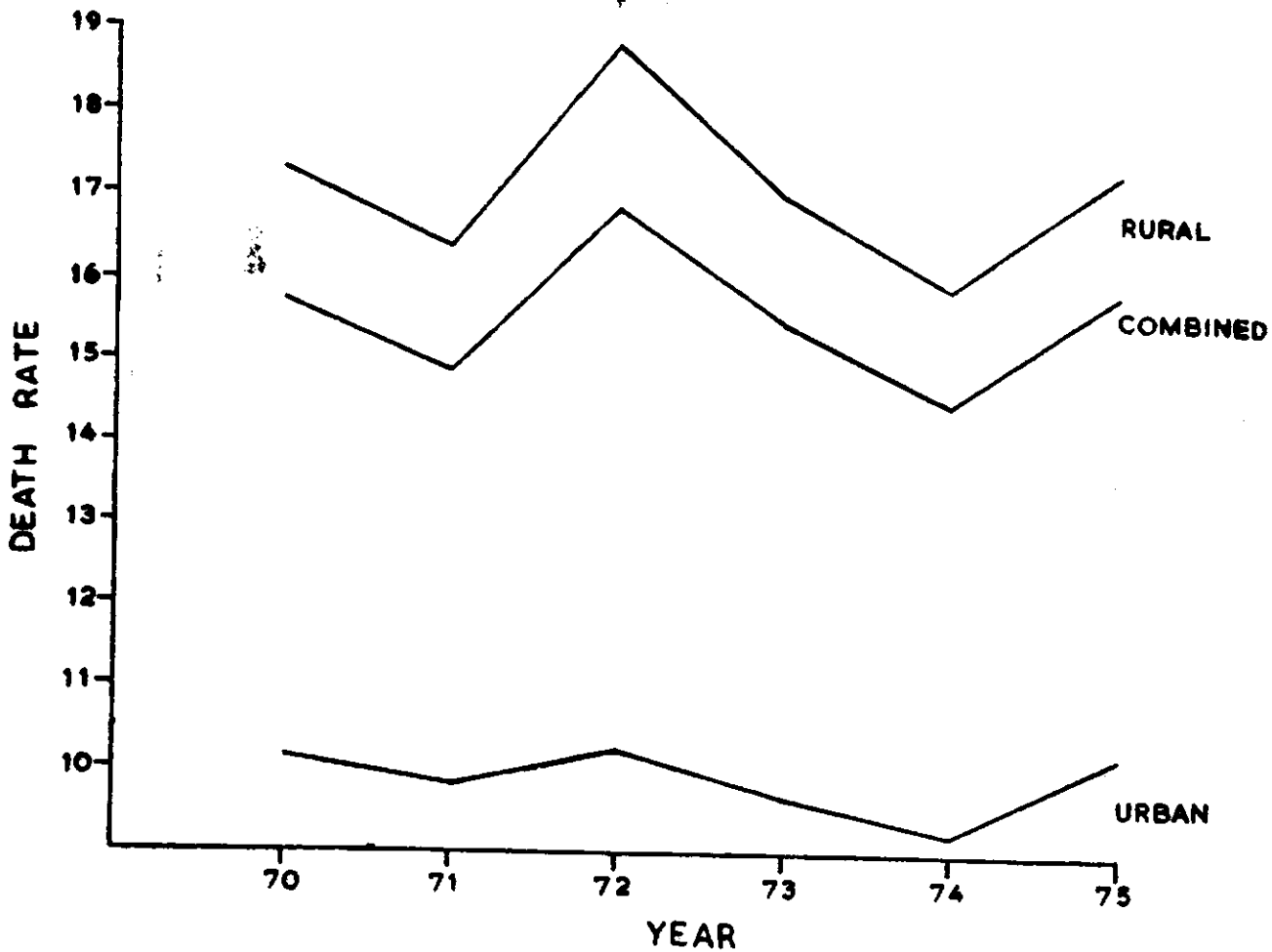
2.47 The rural-urban differentials in regard to crude death rate at the national level for the period 1970-75 are presented in Statement 43. Though there are fluctuations in the rates over the years due to variations in the field work, the general trend indicates that there is no firm decline in the death rate during 1970-75 both in the rural and urban areas. Chart 12 depicts the trend in the death rate. The rural death rate is considerably higher than that of urban death rate. The death rate during 1972 is the highest ever recorded during the period 1970—75 especially in the rural areas.

STATEMENT 43

Estimated crude death rate, India, 1970-75

Sector	Year					
	1970	1971	1972	1973	1974	1975
Rural . . .	17.3	16.4	18.9	17.0	15.9	17.3
Urban . . .	10.2	9.7	10.3	9.6	9.2	10.2
Total . . .	15.7	14.9	16.9	15.5	14.5	15.9

CHART 12
INDIA
CRUDE DEATH RATE BY RURAL & URBAN
1970 - 75



STATEMENT 44

Crude death rate and death rate index (1970=100), 1970 and 75

States	Rural			Urban			Total		
	1970	1975	Index	1970	1975	Index	1970	1975	Index
Andhra Pradesh	16.8	16.3	97	11.4	10.4	91	15.8	15.2	96
Assam	16.8	17.6	105	10.2	9.6	94	16.2	16.9	104
Gujarat	18.7	16.6	89	13.7	12.2	89	17.4	15.4	89
Haryana	10.0	13.2	132	6.5	8.3	128	9.4	12.3	130
Himachal Pradesh	16.2	13.6	84	7.5	7.4	99	15.6	13.2	85
Jammu & Kashmir	13.6	14.0	103	5.6	7.6	136	11.9	12.7	107
Karnataka	14.2	12.5	88	10.3	7.5	73	13.1	11.1	85
Kerala	9.2	8.5	92	8.8	7.8	89	9.2	8.4	91
Madhya Pradesh	17.5	19.8	113	10.7	11.1	104	16.4	18.5	113
Maharashtra	13.0	12.2	94	9.8	9.6	98	11.9	11.4	95
Orissa	16.8	18.1	108	11.4	12.7	111	16.4	17.7	108
Punjab	11.8	11.3	96	9.2	9.2	100	11.2	10.8	96
Rajasthan	18.9	17.4	92	11.9	9.3	78	17.6	15.9	90
Tamil Nadu	18.1	17.5	97	9.4	9.0	96	15.6	15.0	96
Uttar Pradesh	22.7	23.7	104	13.7	14.8	108	21.6	22.6	105

2.49 The states have been categorised according to the level of death rate during 1975 as under :

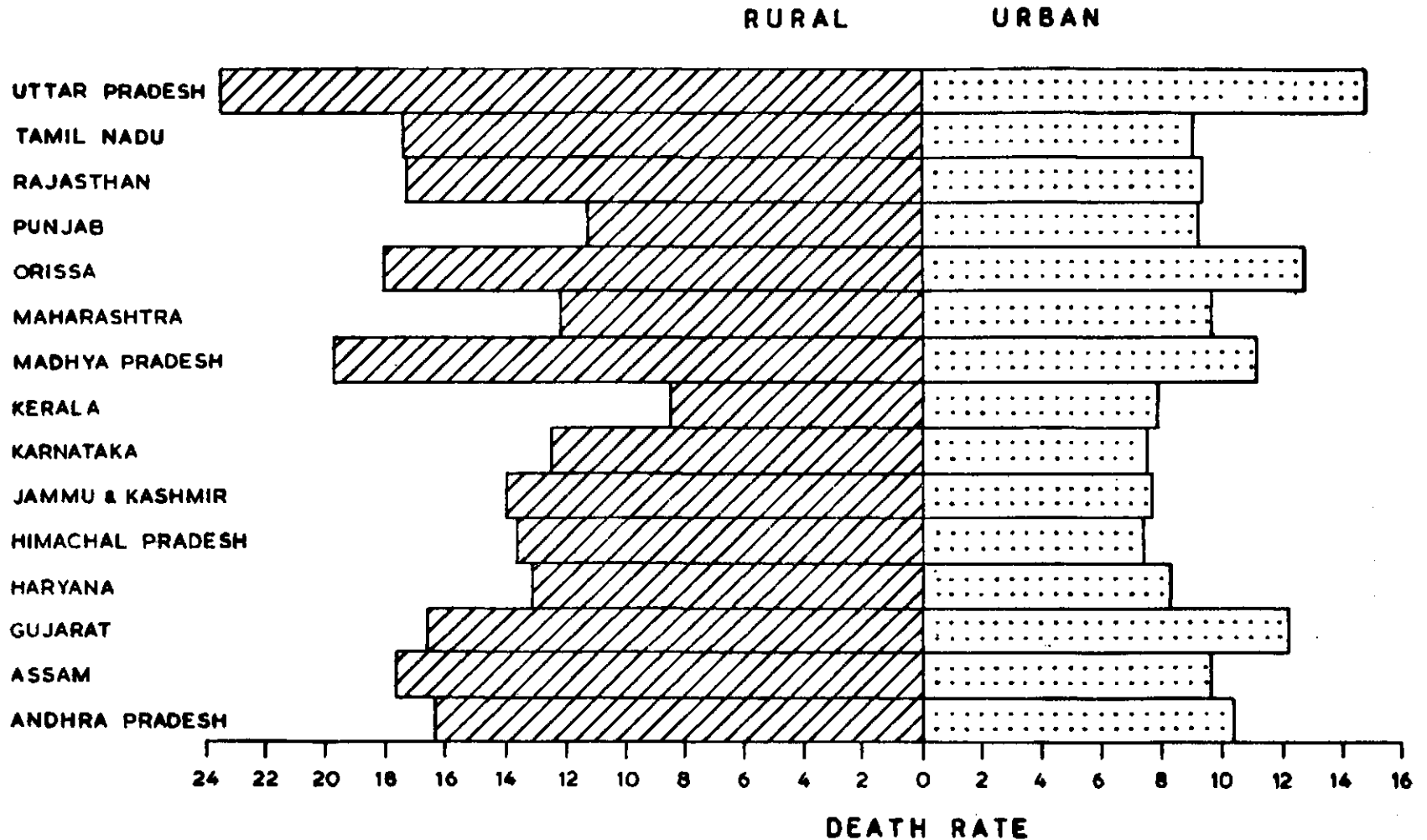
Size class	Rural	Urban
Below 10	Kerala	Assam, Haryana, Himachal Pradesh, Jammu & Kashmir, Karnataka Kerala, Maharashtra, Punjab, Rajasthan, Tamil Nadu
10—12	Punjab	Andhra Pradesh, Madhya Pradesh
12—14	Haryana, Himachal Pradesh, Karnataka, Maharashtra	Gujarat, Orissa
14—16	Jammu & Kashmir	Uttar Pradesh
16+	Andhra Pradesh, Assam, Gujarat, Madhya Pradesh, Orissa, Rajasthan, Tamil Nadu, Uttar Pradesh.	

The lowest death rate in the rural areas is recorded in Kerala followed by Punjab. The states of Andhra Pradesh, Gujarat, Madhya Pradesh, Orissa, Rajasthan, Tamil Nadu and Uttar Pradesh which form a geographically contiguous belt and which constitute over 50 per cent of the total population have a death rate exceeding 16 per 1000 population. The highest death rate is recorded in Uttar Pradesh followed by Madhya Pradesh and Orissa.

In the urban areas, a majority of states have a death rate below 10 per 1000 population due to availability of better health facilities. The highest death rate in the urban areas is in Uttar Pradesh followed by Gujarat. The death rates at state level for 1975 are depicted in Chart 13 for rural and urban areas.

CHART 13

CRUDE DEATH RATE BY STATES, 1975



The states which have registered increase in the death rate in the rural areas during 1970 and 1975 by over 8 per cent are Haryana, Madhya Pradesh and Orissa where the field work was not satisfactory in the initial stages. Further Haryana, Jammu & Kashmir and Orissa have exhibited an increase in the death rate in the urban areas by over 10 per cent due to variations in the field work in the initial stages of

implementation. The figures for Karnataka for both rural and urban, Himachal Pradesh (rural) and Rajasthan (urban) seem to be too low as judged from the large reduction in the death rate during 1970 and 1975.

2.50 The differentials in the crude death rate by sex are shown in Statement 45 for the period 1970-75.

STATEMENT 45
Crude death rate by sex, India, 1970-75

	1970	1971	1972	1973	1974	1975
Male	15.8	14.7	16.3	15.1	14.3	15.5
Female	15.6	15.4	18.1	16.0	15.0	16.3
Ratio of male to female (per cent)	101	95	90	95	93	95

It is seen that there are fluctuations in the death rate during 1970-75 both among males and females due to variations in the field work. The highest mortality is recorded during 1972 for both sexes. There is no definite declining trend in the death rate for both sexes during 1970-75. The ratio of male death rate to female death rate expressed in terms of percentages indicates that mortality among females, in general is more than that among males by about 5 per cent.

For the year 1970, no significant differential is observed in the death rate since the field work was in the initial stages of implementation. Sex-wise differential in crude death rate is depicted in Chart 14.

2.51 The sex specific crude death rates by states are presented in Statement 46 separately for rural and urban areas for 1975.

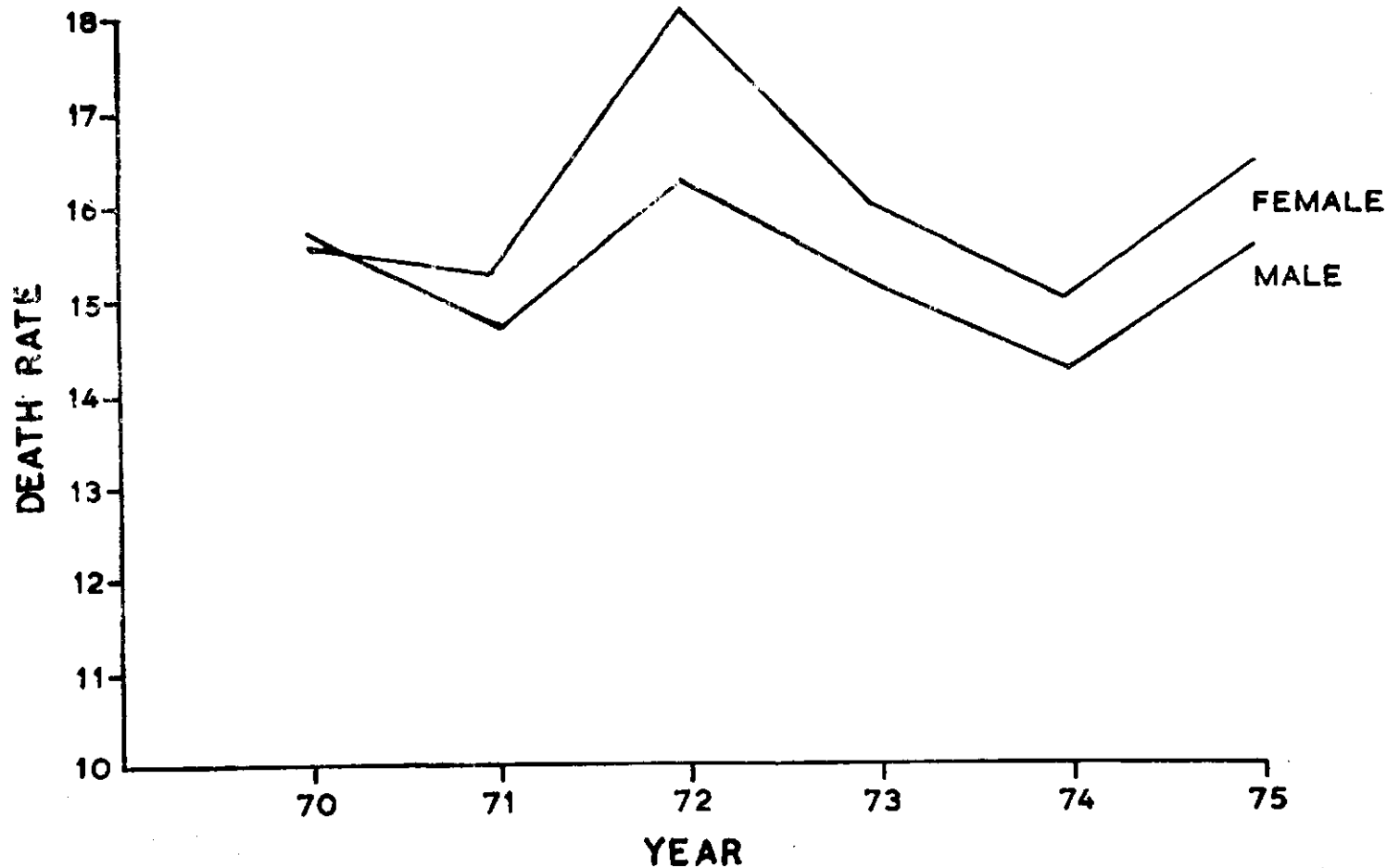
STATEMENT 46
Sex specific crude death rates, 1975

States	Rural		Urban		Total	
	Male	Female	Male	Female	Male	Female
Andhra Pradesh	15.3	16.6	10.9	9.9	15.2	15.2
Assam	18.5	16.0	10.1	9.6	17.8	15.5
Gujarat	16.5	16.6	12.5	11.7	15.5	15.4
Haryana	13.0	13.4	8.1	8.1	12.0	12.8
Himachal Pradesh	14.6	12.4	6.7	8.3	13.0	13.6
Jammu & Kashmir	12.6	14.7	8.7	5.4	11.3	13.6
Karnataka	12.2	12.8	7.2	7.8	10.9	11.3
Kerala	8.2	8.8	7.5	7.9	8.1	8.8
Madhya Pradesh	18.5	21.0	10.9	10.6	17.4	19.5
Maharashtra	12.0	12.4	9.3	9.9	11.0	11.9
Orissa	17.8	18.8	12.9	12.6	17.5	18.4
Punjab	11.3	11.2	9.5	8.8	10.9	10.7
Rajasthan	17.2	17.6	9.0	9.7	15.6	16.1
Tamil Nadu	17.5	17.9	9.3	8.6	15.0	15.1
Uttar Pradesh	21.3	26.1	14.4	15.6	18.8	22.3

CHART 14

INDIA

CRUDE DEATH RATE BY SEX, 1970-75



It is observed that in most of the states the female mortality is more than that of male mortality both in the rural and urban areas. In the rural areas of Assam and Haryana and in the urban areas of Andhra

Pradesh and Jammu & Kashmir, a reverse tendency is perceptibly noticed, possibly due to non-reporting of female deaths. The states can be grouped as under:

Size class	Male	Female
RURAL		
Below 8	—	—
8—10	Kerala	Kerala
10—12	Himachal Pradesh, Punjab	Punjab
12—14	Jammu & Kashmir, Karnataka, Maharashtra	Haryana, Himachal Pradesh, Karnataka, Maharashtra
14—16	Andhra Pradesh	Assam, Jammu & Kashmir
16+	Assam, Gujarat, Haryana, Madhya Pradesh, Orissa, Rajasthan, Tamil Nadu, Uttar Pradesh	Andhra Pradesh, Gujarat, Madhya Pradesh, Uttar Pradesh, Orissa, Rajasthan, Tamil Nadu
URBAN		
Below 8	Himachal Pradesh, Karnataka, Kerala	Jammu & Kashmir, Karnataka, Kerala
8—10	Haryana, Jammu & Kashmir, Maharashtra, Punjab, Rajasthan, Tamil Nadu	Andhra Pradesh, Assam, Haryana, Himachal Pradesh, Maharashtra, Punjab, Rajasthan, Tamil Nadu
10—12	Andhra Pradesh, Assam, Madhya Pradesh	Gujarat, Madhya Pradesh
12—14	Gujarat, Orissa	Orissa
14—16	Uttar Pradesh	Uttar Pradesh
16+	..	..

It is seen that in the rural areas of Gujarat, Haryana, Madhya Pradesh, Orissa, Rajasthan, Tamil Nadu, Assam and Uttar Pradesh and in the urban areas of Orissa and Uttar Pradesh, the mortality for both sexes is considerably high.

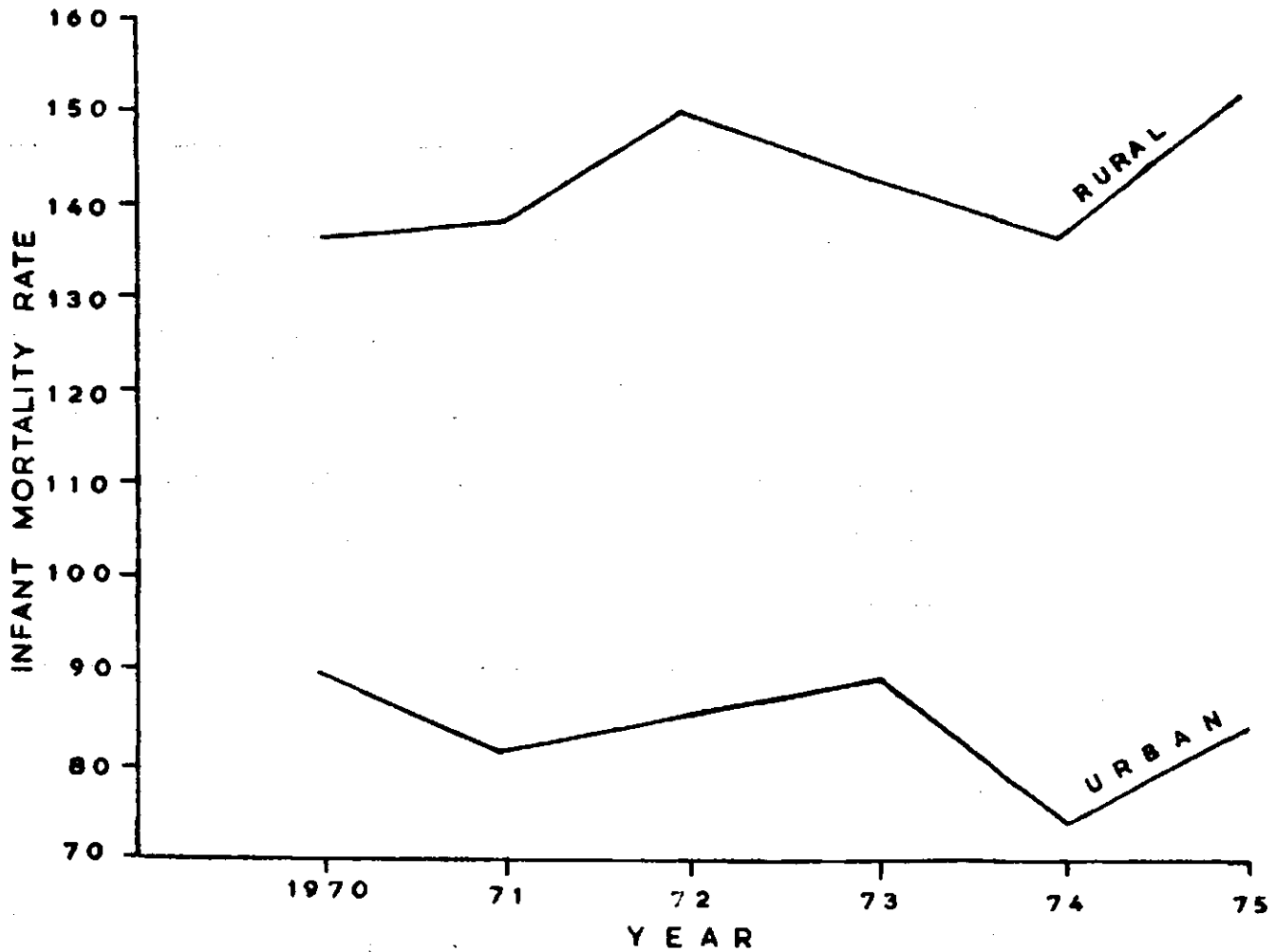
INFANT MORTALITY RATE

2.52 The infant mortality is often considered as an index of the health conditions and the level of living of the people. It is broken into two components, namely, neo-natal mortality and post-natal mortality. The former serves as an approximate index of that component of infant mortality which is attributable to endogenous factors while the latter serves as an index of exogenous infant mortality. The trend in the level of infant mortality at the national level for the period 1970-75 is shown in Statement 47 separately for rural and urban areas.

STATEMENT 47
Infant mortality rate, India, 1970-75

Sector	1970	1971	1972	1973	1974	1975
Rural	136	138	150	143	136	151
Urban	90	82	85	89	74	84
Total	129	129	139	134	126	140

Though there are fluctuations due to variations in the field work, yet the general trend indicates that there is no firm decline in the level of infant mortality both in the case of rural and urban areas. The infant mortality in the rural areas is more than that of urban areas. The trend in the level of infant mortality is shown in Chart 15.

**CHART 15
INDIA****INFANT MORTALITY RATE BY RURAL AND URBAN, 1970-75**

2.53 Infant mortality rates by states are shown in Statement 48 for the year 1975 separately for rural and urban areas.

STATEMENT 48

Infant mortality rate, 1975

States	Rural	Urban
Andhra Pradesh	130	81
Assam	147	96
Gujarat	165	113
Haryana	122	58

STATEMENT 48—Contd.

States	Rural	Urban
Himachal Pradesh	117	55
Jammu & Kashmir	72	39
Karnataka	86	60
Kerala	57	36
Madhya Pradesh	159	90
Maharashtra	97	80
Orissa	153	98
Punjab	107	60
Rajasthan	169	72
Tamil Nadu	129	65
Uttar Pradesh	205	128

2.54 The states can be arranged according to the level of infant mortality for 1975 as under:

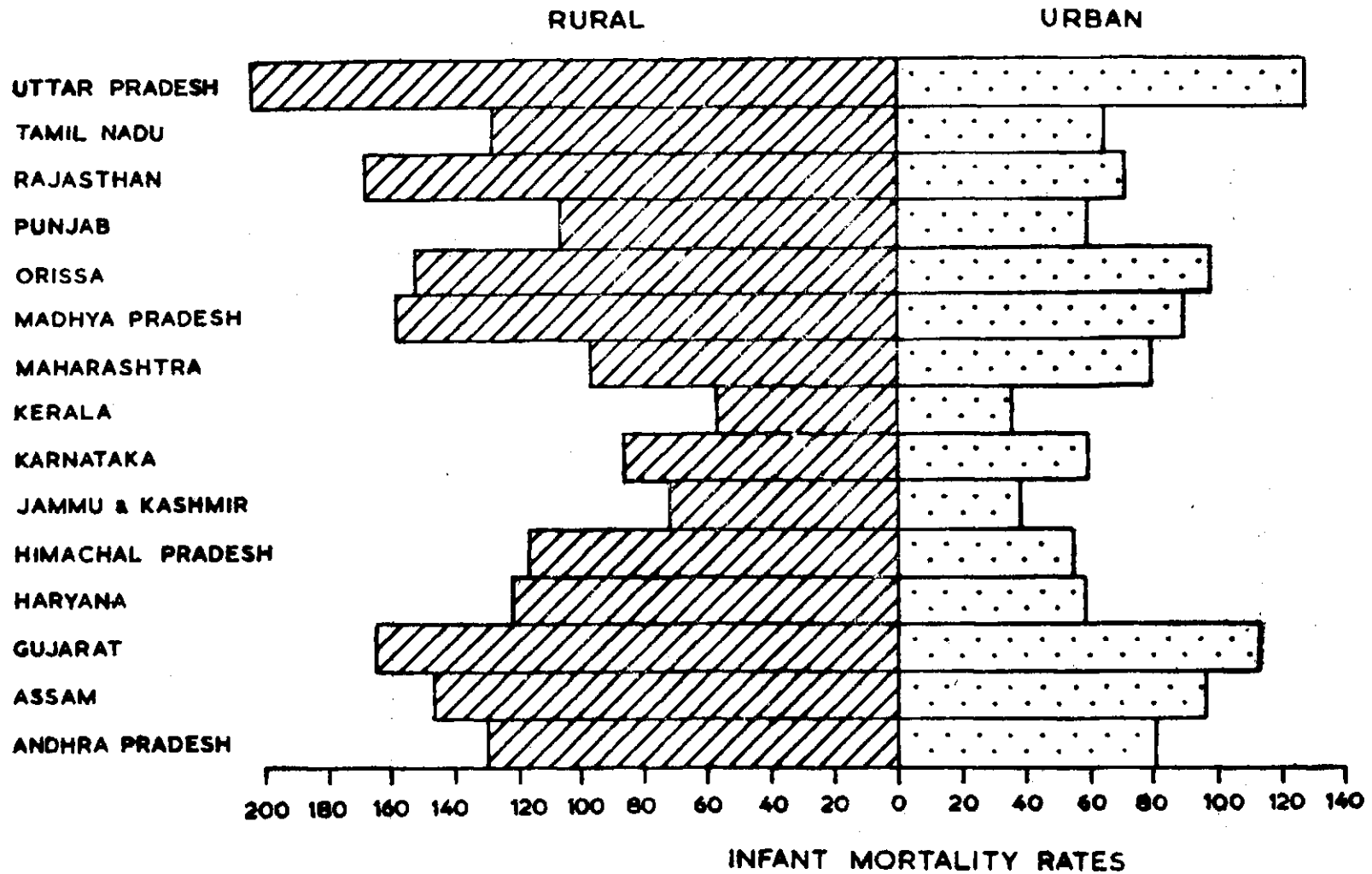
Size class	Rural	Urban
Below 50 . . . . .	..	Jammu & Kashmir, Kerala
50—70	Kerala	Haryana, Himachal Pradesh, Karnataka, Punjab, Tamil Nadu
70—90	Jammu & Kashmir, Karnataka	Andhra Pradesh, Maharashtra, Rajasthan
90—110	Maharashtra, Punjab	Assam, Madhya Pradesh, Orissa
110—130	Haryana, Himachal Pradesh, Tamil Nadu	Gujarat, Uttar Pradesh
130+	Andhra Pradesh, Assam, Gujarat, Madhya Pradesh, Orissa, Rajasthan, Uttar Pradesh	..

It is seen that infant mortality in the rural areas of Andhra Pradesh, Assam, Gujarat, Madhya Pradesh, Orissa, Rajasthan and Uttar Pradesh exceeds 130 per 1000 live births. It may be noted that these states form a geographical belt where crude death rate is also high. The lowest infant mortality is recorded in Kerala both in the rural and urban areas and Uttar

Pradesh tops the list. Even in the urban areas of Assam, Madhya Pradesh, Orissa, Gujarat and Uttar Pradesh, the infant mortality is very high. In the urban areas of Jammu & Kashmir the infant mortality appears to be low. Infant mortality by states is graphically shown in Chart 16.

CHART 16

INFANT MORTALITY RATES IN MAJOR STATES, 1975



NEO-NATAL AND POST-NATAL MORTALITY

2.55 The components of infant mortality for the years 1970-75 are shown in Statement 49 separately for rural and urban areas at the national level.

STATEMENT 49
Neo-natal and post natal mortality, India, 1975

	Rural/Urban	1970	1971	1972	1973	1974	1975
Neo-natal mortality	Rural	72.3	80.6	76.6	72.1	75.7	84.3
	Urban	46.0	45.4	44.9	47.5	41.0	46.2
Post-natal mortality	Rural	63.6	57.4	73.4	70.8	60.2	66.7
	Urban	44.5	36.6	40.1	41.4	32.9	37.8
Ratio of neo-natal deaths to infant deaths (per cent)	Rural	53	58	51	50	56	56
	Urban	51	55	53	53	55	55

It is seen that neo-natal mortality exceeds post-natal mortality both in the rural and urban areas. The neo-natal deaths constitute over 50 per cent of

the total infant deaths both in the rural and urban areas.

2.56 The neo-natal and post-natal mortality rates by states are presented in Statement 50 for the period 1975.

STATEMENT 50
Neo-natal and post-natal mortality, 1975

States	Rural			Urban		
	Neo-natal mortality	Post-natal mortality	Ratio of neo-natal deaths to infant deaths (per cent)	Neo-natal mortality	Post-natal mortality	Ratio of neo-natal deaths to infant deaths (per cent)
1	2	3	4	5	6	7
Andhra Pradesh	86.6	43.4	67.4	51.8	29.2	64
Assam	85.8	61.2	58	60.7	35.3	63
Gujarat	100.9	64.1	61	50.9	62.1	45
Haryana	72.5	49.5	59	26.7	31.3	46
Himachal Pradesh	38.1	78.9	33	26.4	28.6	48
Jammu & Kashmir	34.3	37.7	48	24.9	14.1	64
Karnataka	64.3	21.7	75	34.2	25.8	57
Kerala	36.1	20.9	63	22.1	13.9	61
Madhya Pradesh	87.5	71.5	55	45.3	44.7	50
Maharashtra	67.0	30.0	69	48.8	31.2	61
Orissa	87.5	65.5	57	50.0	48.0	51
Punjab	24.1	82.9	22	8.1	51.9	13
Rajasthan	98.7	70.3	58	42.3	29.7	59
Tamil Nadu	56.0	73.0	43	40.2	24.8	62
Uttar Pradesh	105.8	99.2	52	63.9	64.1	50

In the rural areas all the states except Himachal Pradesh, Jammu & Kashmir, Punjab and Tamil Nadu and the urban areas of Gujarat, Haryana, Himachal Pradesh, Punjab and Uttar Pradesh have indicated larger neo-natal mortality than post-natal

mortality. Uttar Pradesh has shown the largest neo-natal mortality and Punjab the lowest. The proportion of neo-natal deaths to total infant deaths varies from state to state. The states can be categorised as under :

Size class	Rural	Urban
Below 40	Himachal Pradesh, Punjab	Punjab
40-50	Jammu & Kashmir, Tamil Nadu	Gujarat, Haryana, Himachal Pradesh,
50-60	Assam, Haryana, Madhya Pradesh, Orissa, Rajasthan, Uttar Pradesh	Karnataka, Madhya Pradesh, Orissa, Rajasthan, Uttar Pradesh
60+	Andhra Pradesh, Gujarat, Karnataka, Kerala, Maharashtra	Andhra Pradesh, Assam, Jammu & Kashmir, Kerala, Maharashtra, Tamil Nadu

It is seen that in a majority of states both in the rural and urban areas, the neo-natal deaths exceed over 50 per cent of the total infant deaths. It is interesting to note that in spite of better health facilities available in the urban areas, the proportion of neo-natal deaths

is more or less of the same dimension as in the rural areas in a majority of states. The components of infant mortality are shown in the Charts 17 and 18 separately for rural and urban areas.

CHART 17
 NEO-NATAL MORTALITY & POST-NATAL MORTALITY
 IN MAJOR STATES, RURAL, 1975

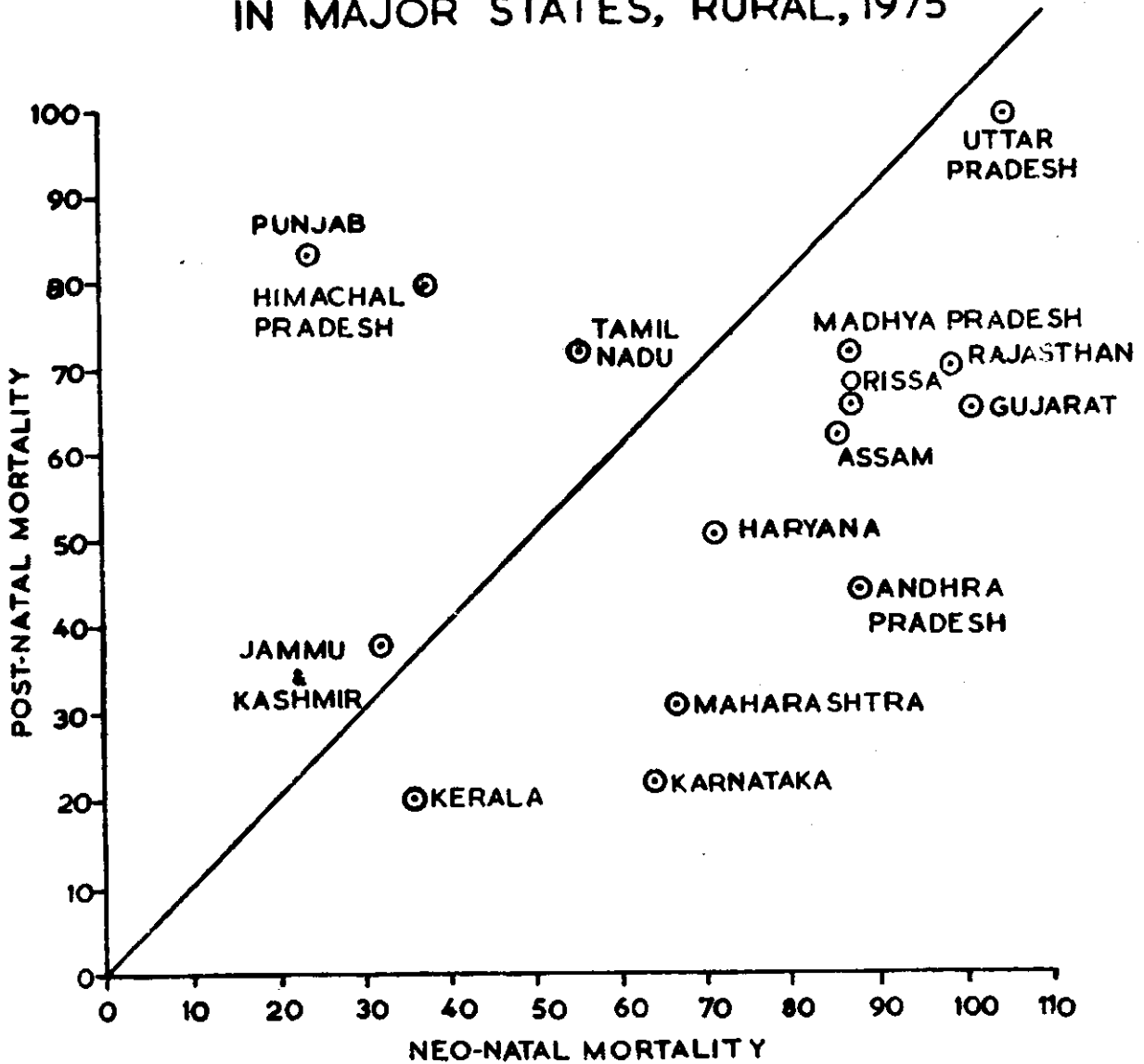


CHART 18

NEO-NATAL MORTALITY & POST-NATAL MORTALITY IN MAJOR STATES, URBAN, 1975

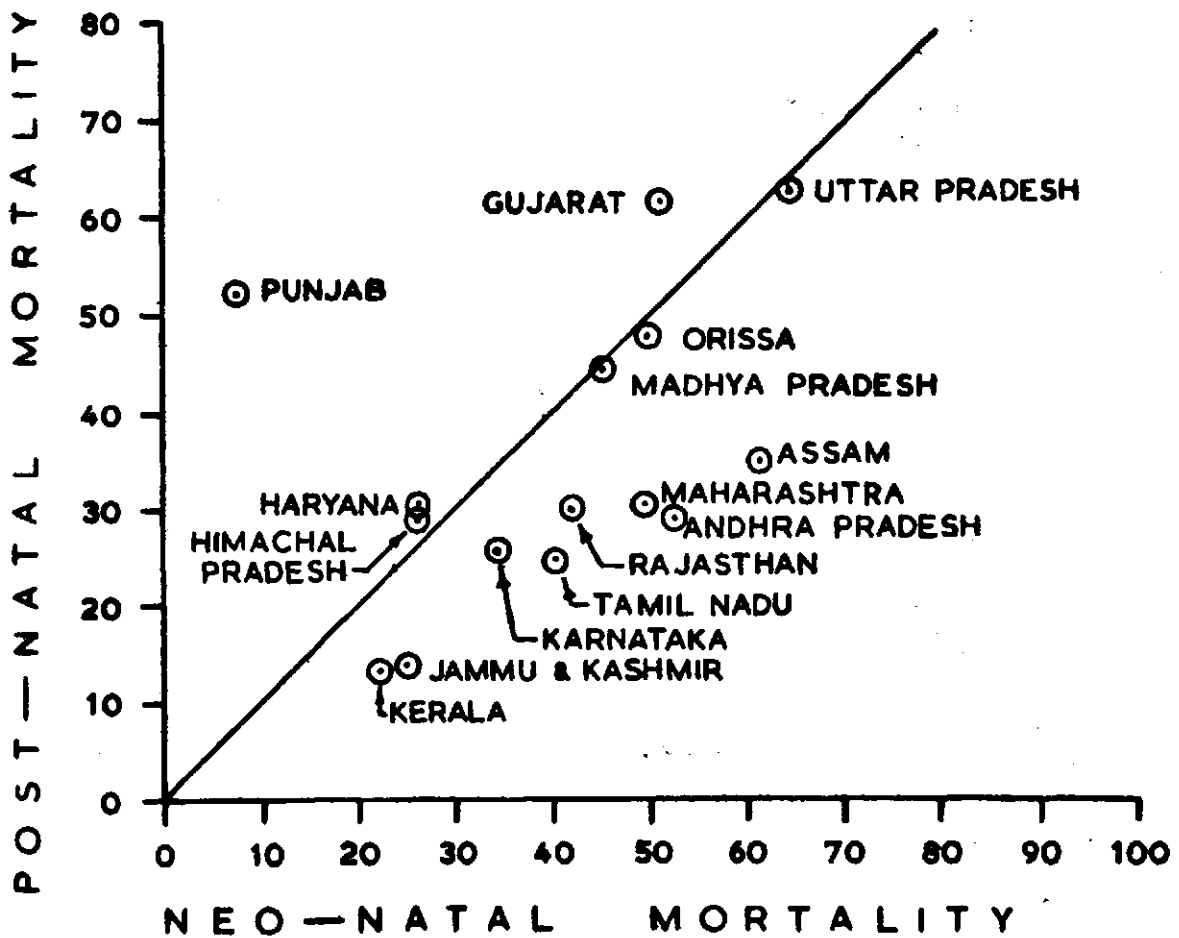
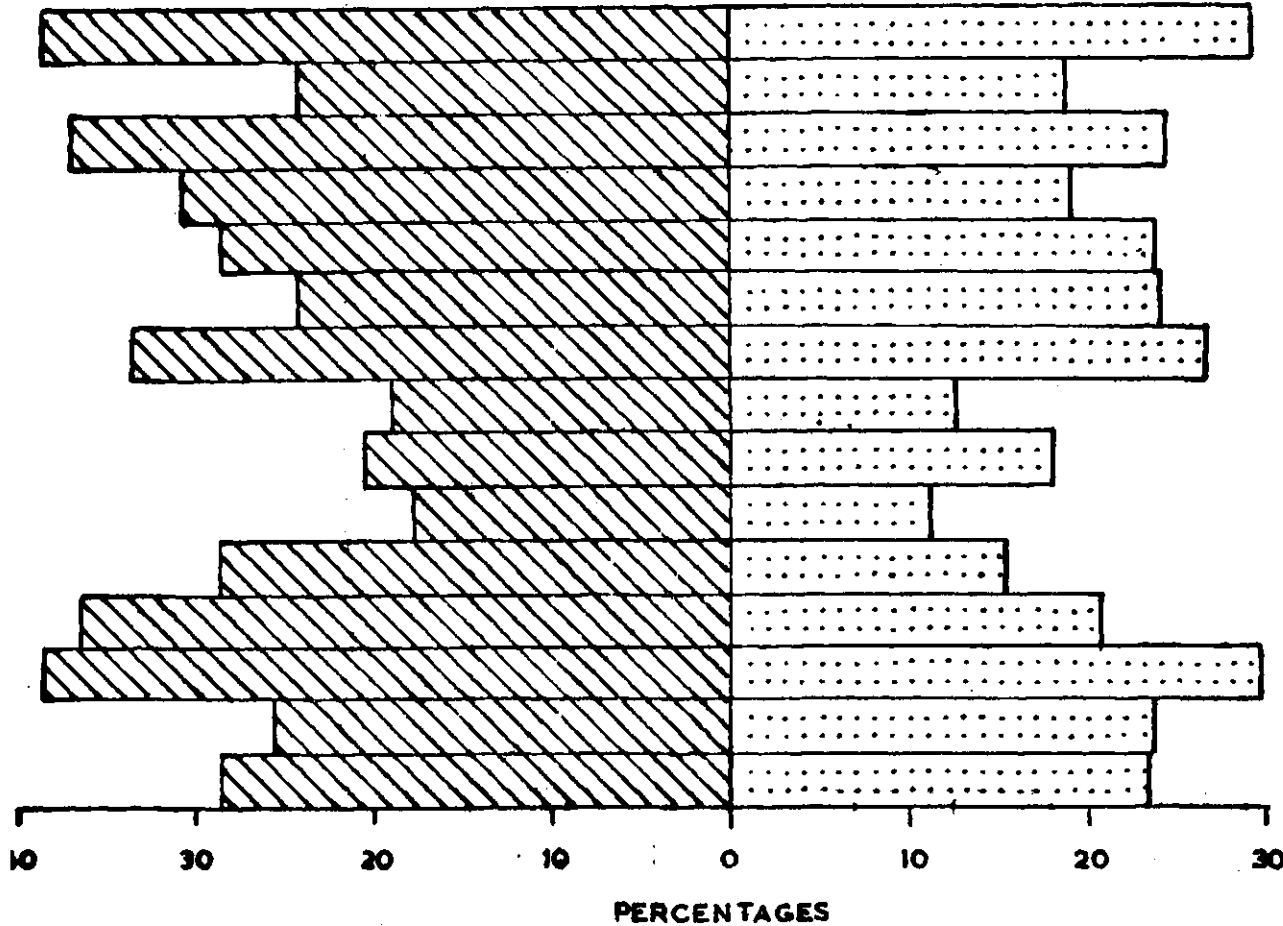


CHART 19

PERCENT INFANT DEATHS TO TOTAL DEATHS IN MAJOR STATES, 1975

RURAL

URBAN



PER CENT INFANT DEATHS TO TOTAL DEATHS

2.57 The proportion of infant deaths to total deaths is also an important indicator of mortality. The per cent infant deaths to total deaths is shown in Statement 51 for the period 1970-75 at the national level.

STATEMENT 51
Per cent infant deaths, India, 1970-75

Year	Rural	Urban	Total
1970	30.6	26.2	29.7
1971	32.7	25.4	32.0
1972	30.5	25.2	30.2
1973	30.2	26.8	29.9
1974	30.7	22.9	30.0
1975	32.0	23.4	30.9

It is seen that about one-third of the deaths in the rural areas and about one-fourth of the deaths in the urban areas pertain to infant deaths. The proportion of infant deaths in the rural areas is more than that in the urban areas. There is no definite decline in the proportion of infant deaths in the rural areas during 1970-75. However, in the urban areas, a declining trend is observed.

2.58 The per cent infant deaths by states for 1975 is shown in Statement 52 separately for rural and urban areas.

STATEMENT 52

Per cent infant deaths to total deaths, 1975

State	Rural	Urban	Total
Andhra Pradesh	28.6	23.4	28.3
Assam	25.6	23.7	25.0
Gujarat	38.7	29.5	37.0
Haryana	36.7	20.8	35.2
Himachal Pradesh	28.8	15.3	28.5
Jammu & Kashmir	17.9	11.1	17.2
Karnataka	20.5	18.0	20.0
Kerala	18.9	12.7	18.0
Madhya Pradesh	33.6	26.5	32.9
Maharashtra	24.2	24.0	24.1
Orissa	28.6	23.7	28.3
Punjab	30.8	19.0	28.8
Rajasthan	37.0	24.3	36.0
Tamil Nadu	24.1	18.7	23.0
Uttar Pradesh	38.5	29.3	37.8

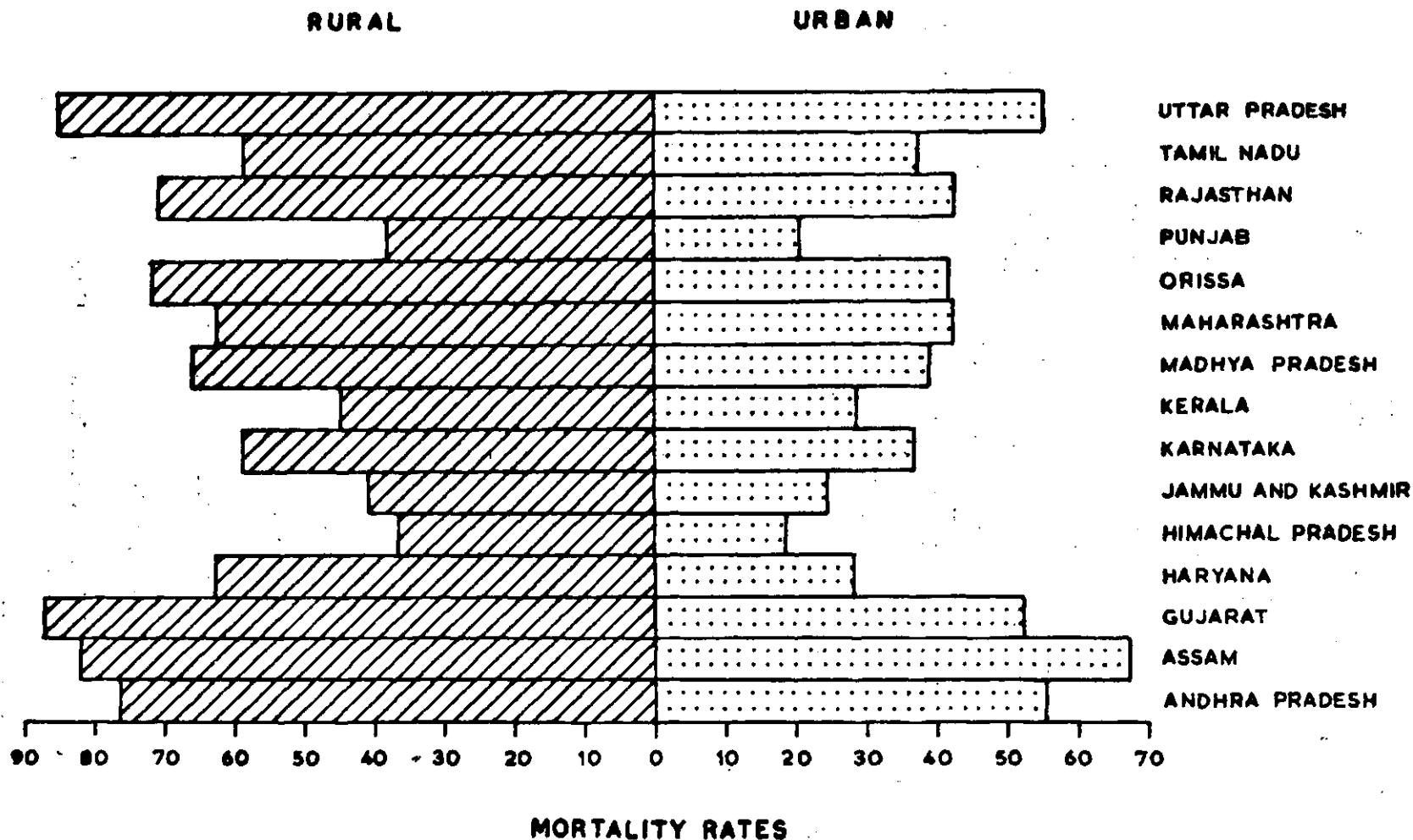
There are large variations among states in regard to proportion of infant deaths. It is seen that the highest proportion of infant deaths is recorded in Gujarat both in the rural and urban areas followed by Uttar Pradesh and Rajasthan. The states can be grouped on the basis of the per cent infant deaths to total deaths as under:

Size class	Rural	Urban
Below 20	Jammu & Kashmir, Kerala	Himachal Pradesh, Jammu & Kashmir, Karnataka, Kerala, Punjab, Tamil Nadu
20-24	Karnataka, Maharashtra	Andhra Pradesh, Assam, Haryana, Orissa
24-28	Assam, Tamil Nadu	Madhya Pradesh, Maharashtra, Rajasthan
28-32	Andhra Pradesh, Himachal Pradesh, Orissa, Punjab	Gujarat, Uttar Pradesh
32-36	Madhya Pradesh	
36+	Gujarat, Haryana, Rajasthan, Uttar Pradesh	

The per cent infant deaths by rural and urban areas are shown in Chart 19.

CHART 20

PERI-NATAL MORTALITY RATES IN MAJOR STATES
RURAL / URBAN, 1975



PERI-NATAL MORTALITY AND STILL BIRTH RATE

2.59 The estimates of peri-natal mortality and still birth rate for the period 1970-75 at the national level are given in Statement 53. Barring the year 1970 when

the field work was in the initial stages, the general trend in the level of peri-natal mortality has remained more or less static. The rural rates are higher than those of urban rates. The still birth rate has also the same pattern as that of peri-natal mortality.

STATEMENT 53

Peri-natal mortality and still birth rate, India, 1970-75

Item	Rural/Urban	1970	1971	1972	1973	1974	1975
Peri-natal mortality	Rural	46.1	56.7	53.3	53.3	55.1	58.8
	Urban	33.9	35.6	36.6	37.4	36.3	36.1
	Total	45.4	53.4	50.7	50.7	52.2	55.2
Still birth rate	Rural	17.7	18.3	18.5	18.0	17.9	18.6
	Urban	14.3	12.9	14.4	15.1	12.5	12.5
	Total	17.3	17.5	17.8	17.5	17.1	17.6

2.60 The peri-natal mortality and still birth rate by states are shown in Statement 54 separately for rural and urban areas. It is seen that there are large variations among states.

STATEMENT 54

Peri-natal mortality and still birth rate, 1975

States	Rural		Urban	
	Peri-natal mortality	Still birth rate	Peri-natal mortality	Still birth rate
1	2	3	4	5
Andhra Pradesh	76.5	15.9	55.5	13.7
Assam	82.1	37.1	67.7	25.6
Gujarat	87.8	14.3	52.2	18.5
Haryana	63.5	16.5	28.1	9.9
Himachal Pradesh	36.2	16.2	18.5	1.5
Jammu & Kashmir	41.3	22.1	24.3	7.8
Karnataka	59.1	17.1	36.5	12.4
Kerala	45.0	19.4	28.5	13.6
Madhya Pradesh	66.1	13.1	39.0	12.3

STATEMENT 54—Concl.d.

	1	2	3	4	5
Maharashtra		62.9	19.5	42.2	10.7
Orissa		72.0	24.9	41.9	13.1
Punjab		39.0	22.7	20.0	9.9
Rajasthan		71.2	11.8	42.4	13.5
Tamil Nadu		58.8	26.3	37.8	10.7
Uttar Pradesh		85.6	16.6	55.3	10.1

It is seen that the estimates of peri-natal mortality and still birth rate are more in the rural areas than in the urban areas. The still birth rate recorded for Himachal Pradesh in the urban areas appears to be too low on account of non-reporting of still births. The highest value of peri-natal mortality rate is recorded in Uttar Pradesh. The peri-natal mortality rates by states are pictorially presented in Chart 20 separately for rural and urban areas.

CHILD MORTALITY

2.61 Another important aspect of mortality is that of child mortality. The mortality of children in the age group 0—4 years by sex is shown in Statement 55 for the period 1970-75 both for rural and urban areas.

STATEMENT 55
Child mortality in the age-group 0—4 years, by sex, India, 1970-75

Area	Sex	1970	1971	1972	1973	1974	1975
Rural	Male	55.5	53.2	58.5	53.1	51.5	57.2
	Female	61.0	59.3	67.2	60.8	58.5	63.5
Urban	Male	32.3	31.1	29.1	29.6	25.0	31.0
	Female	32.3	33.3	35.7	33.4	29.7	32.4
Total	Male	51.7	49.2	53.2	48.9	47.0	52.4
	Female	55.1	54.8	61.7	56.0	53.4	57.7

It is observed that the child mortality has not shown any firm declining trend over the period 1970-75 both in the rural and urban areas and for both sexes. The child mortality in the rural areas is more than that in the urban areas. Mortality differential by sex, indicates that females have higher mortality than males both in the rural and urban areas. The child mortality rates are presented graphically in Chart 21 for the period 1970-75.

2.62 Child mortality rates by states are shown in Statement 56 for 1975 separately for rural and urban areas.

STATEMENT 56
Child mortality in the age-group 0—4 years, 1975

States	Rural		Urban	
	Male	Female	Male	Female
1	2	3	4	5
Andhra Pradesh	52.8	53.5	29.7	31.9
Assam	51.6	48.8	33.2	26.5

STATEMENT 56—Contd.

	1	2	3	4	5
Gujarat		61.8	64.8	43.7	38.5
Haryana		40.0	54.6	21.7	22.0
Himachal Pradesh		39.1	46.2	17.8	17.9
Jammu & Kashmir		32.1	36.5	17.9	13.7
Karnataka		33.0	28.8	13.9	19.2
Kerala		20.3	21.6	13.1	12.6
Madhya Pradesh		68.3	85.3	34.2	37.5
Maharashtra		35.2	35.2	28.4	29.5
Orissa		53.6	58.6	36.7	33.6
Punjab		34.6	43.2	24.0	25.6
Rajasthan		66.8	78.0	28.1	31.5
Tamil Nadu		46.8	45.9	31.0	22.7
Uttar Pradesh		83.5	104.5	50.6	61.3

It is seen that the highest child mortality both in the rural and urban areas is recorded for Uttar Pradesh followed by Madhya Pradesh, Rajasthan, Gujarat and Orissa. These states constitute 38 per cent of the total population of the country and form a geographically contiguous belt. The states can be grouped according to the level of child mortality as under:

Size Class

Urban / Rural	Below 30	30—40	40—50	50—60	60+
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MALES

Below 30	Kerala	Jammu & Kashmir, Himachal Pradesh, Karnataka, Maharashtra, Punjab	Haryana, Tamil Nadu	Andhra Pradesh	Rajasthan
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CHART 21
INDIA
CHILD MORTALITY IN THE AGE GROUP 0-4 YEARS
BY SEX, RURAL / URBAN, 1970 - 75

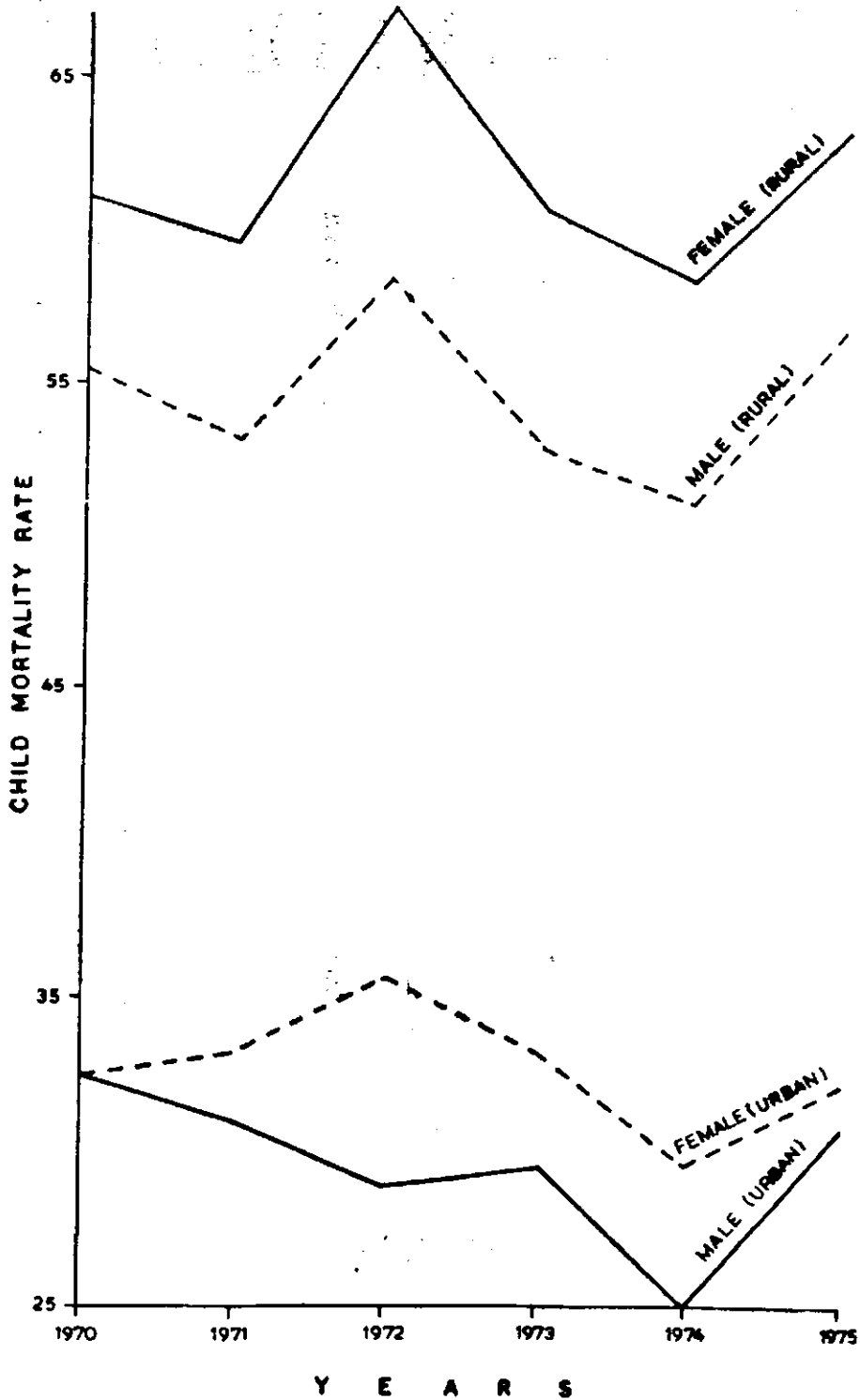
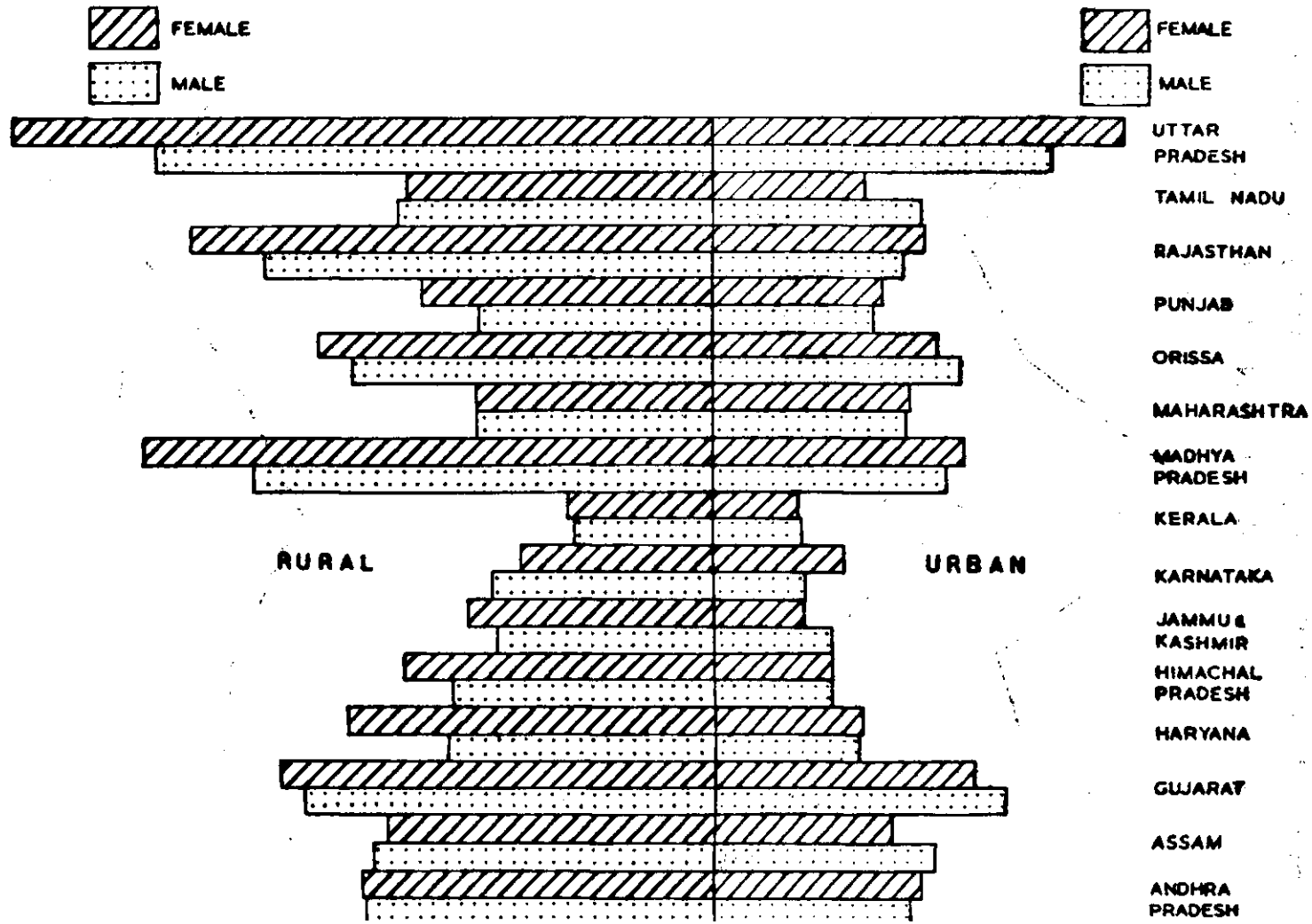


CHART 22
CHILD MORTALITY IN THE AGE GROUP 0-4 YEARS BY SEX, RURAL / URBAN
IN MAJOR STATES 1975



Size Class—Concl'd.

Urban / Rural	Below 30	30-40	40-50	50-60	60+
30-40				Assam, Orissa	Madhya Pradesh
40-50					Gujarat
50-60					
60+					Uttar Pradesh
FEMALES					
Below 30	Karnataka, Kerala	Jammu & Kashmir, Maharashtra	Himachal Pradesh, Assam, Punjab, Tamil Nadu	Haryana	
30-40				Andhra Pradesh, Orissa	Gujarat, Madhya Pradesh, Rajasthan
40-50					
50-60					
60+					Uttar Pradesh

AGE SPECIFIC DEATH RATE

2.63 The pattern of mortality by age groups is described by the age specific death rates. The age

specific death rates by rural and urban are shown in Statement 57 for the years 1970-75 at the national level.

STATEMENT 57
Age specific death rate, India, 1970-75

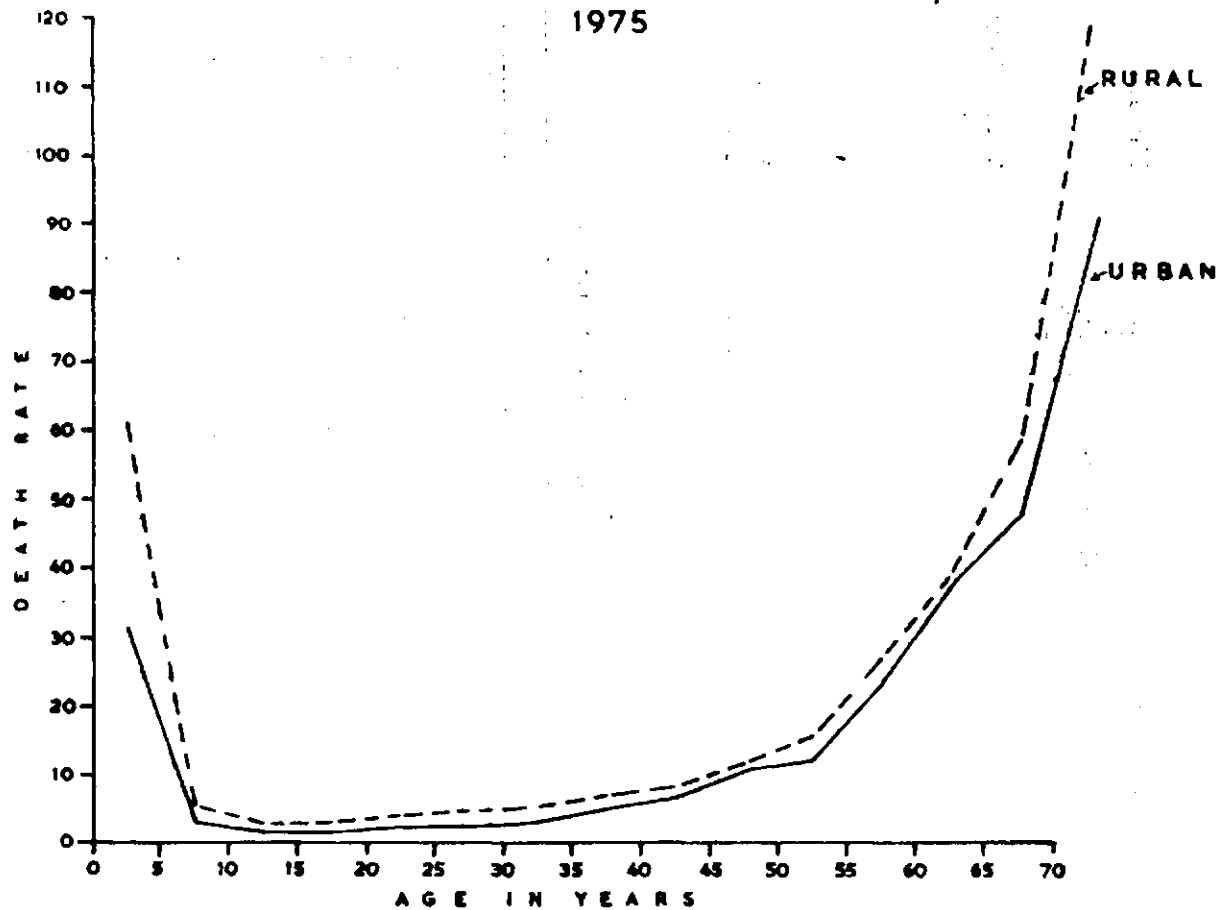
Age-groups	Rural						Urban					
	1970	1971	1972	1973	1974	1975	1970	1971	1972	1973	1974	1975
0-4	58.1	56.2	62.7	56.8	54.8	60.3	32.3	32.2	32.2	31.4	27.3	31.7
5-9	5.2	5.2	5.9	5.6	5.1	5.3	3.2	2.7	2.6	2.8	2.6	2.7
10-14	2.3	2.2	2.5	2.6	2.1	2.3	1.6	1.4	1.2	1.4	1.1	1.3
15-19	3.2	2.7	3.3	3.1	3.0	3.2	2.1	1.6	1.6	1.8	1.8	1.7
20-24	4.1	4.0	4.6	4.2	3.8	3.9	2.3	2.2	2.2	2.5	2.1	2.3
25-29	4.4	4.0	4.7	4.4	4.0	4.2	2.7	2.6	2.5	2.3	1.9	2.4
30-34	4.8	5.0	5.4	5.7	4.3	5.2	3.4	3.1	3.9	3.0	2.9	3.1
35-39	5.4	6.0	6.1	5.8	5.6	6.9	4.0	4.4	4.0	4.4	5.0	5.0
40-44	7.8	7.0	8.7	7.5	7.0	7.9	5.5	5.6	6.2	5.6	5.1	6.2
45-49	11.2	9.0	11.6	10.7	11.7	11.8	8.1	8.0	9.5	9.8	8.6	10.6
50-54	16.8	17.5	17.8	15.8	15.8	15.7	13.1	13.6	17.3	12.0	14.0	11.9
55-59	23.5	21.6	26.4	23.7	24.2	27.0	17.4	19.4	20.8	19.8	19.0	23.5
60-64	39.3	35.7	42.8	40.3	35.7	38.7	34.1	30.9	36.8	29.9	30.5	38.0
65-69	50.9	40.5	62.8	55.7	55.4	58.4	41.4	42.8	46.9	44.9	43.3	48.0
70+	115.8	112.8	133.3	114.3	106.0	119.0	97.1	91.5	106.9	86.4	86.1	90.5

The pattern of mortality remains more or less same during the period 1970-75 both in the rural and urban areas. The death rates in the rural areas for each age group are consistently higher than those in the

urban areas. Larger reduction in mortality in urban areas as compared to rural areas is observed in the younger age groups. The age-specific death rate for 1975 is shown in Chart 23.

Chart 23

INDIA
AGE SPECIFIC DEATH RATES OF PERSONS, RURAL/URBAN
1975



2.64 The mortality pattern by sex is shown in Statement 58. It is seen that mortality among females in general is more upto the age 5 years as compared to males and thereafter male mortality increases. The

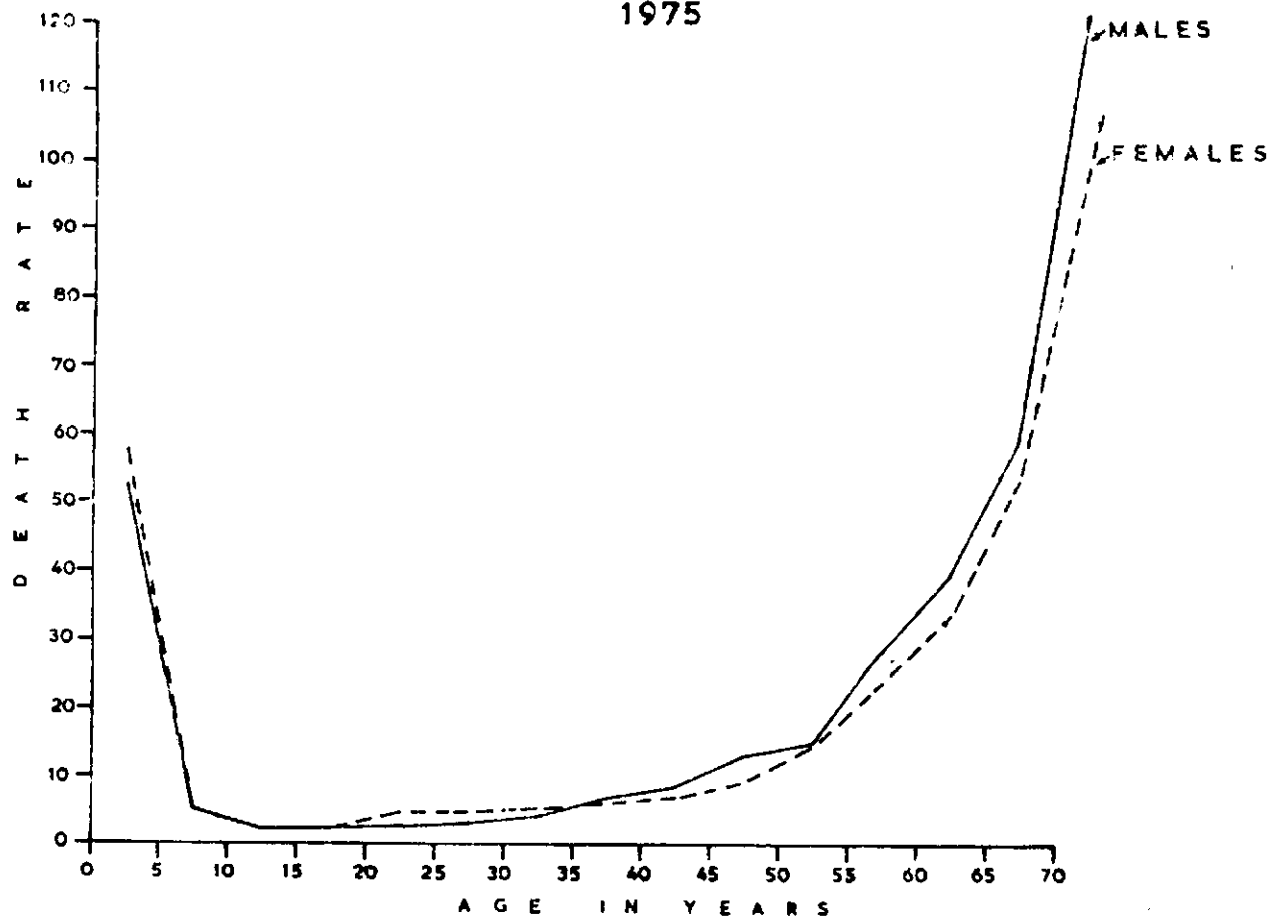
mortality among females especially in the peak reproductive period 15-29 years far exceeds the mortality among males. Chart 24 gives the mortality pattern by sex for the year 1975.

STATEMENT 58
Age specific death rate by sex, India, 1970-75

Age-groups	Male						Female					
	1970	1971	1972	1973	1974	1975	1970	1971	1972	1973	1974	1975
0-4	51.7	49.2	53.2	48.9	47.0	52.4	55.1	54.8	61.7	56.0	53.4	57.7
5-9	4.6	4.5	5.0	4.8	4.1	4.4	5.0	4.9	5.6	5.4	5.3	5.2
10-14	2.0	2.1	1.9	2.3	1.8	2.0	2.4	2.1	2.6	2.4	2.0	2.2
15-19	2.5	1.9	2.4	2.2	2.3	2.1	3.7	3.0	3.5	3.4	3.4	3.8
20-24	2.9	3.0	2.9	2.9	2.7	2.6	4.6	4.3	5.2	4.7	4.1	4.7
25-29	3.3	3.0	3.4	2.9	2.8	3.1	4.9	4.3	4.9	4.9	4.3	4.4
30-34	4.0	3.9	4.1	4.5	3.5	4.1	5.2	5.2	6.2	5.7	4.5	5.3
35-39	4.7	5.5	5.4	5.3	5.7	6.8	5.7	6.0	5.9	5.7	5.3	6.2
40-44	8.0	7.4	8.6	7.6	7.2	8.2	5.9	6.0	7.6	6.5	6.1	6.8
45-49	11.9	10.5	12.2	12.0	11.9	13.2	8.0	8.5	10.1	8.8	10.2	9.6
50-54	17.9	19.0	19.1	17.2	16.9	15.0	12.9	14.3	16.2	12.6	13.8	14.6
55-59	25.5	24.6	27.5	26.0	27.2	28.7	16.5	17.5	23.1	19.9	18.9	23.6
60-64	42.7	37.0	43.3	42.6	37.7	39.6	31.4	32.7	40.2	33.4	31.7	33.3
65-69	53.6	53.8	61.9	55.8	57.2	59.0	41.5	42.9	58.4	52.1	49.0	53.7
70+	117.1	110.3	128.8	112.4	106.0	120.3	104.0	108.5	129.0	106.0	97.0	106.4

Chart 24

INDIA AGE SPECIFIC DEATH RATES OF MALES/FEMALES 1975



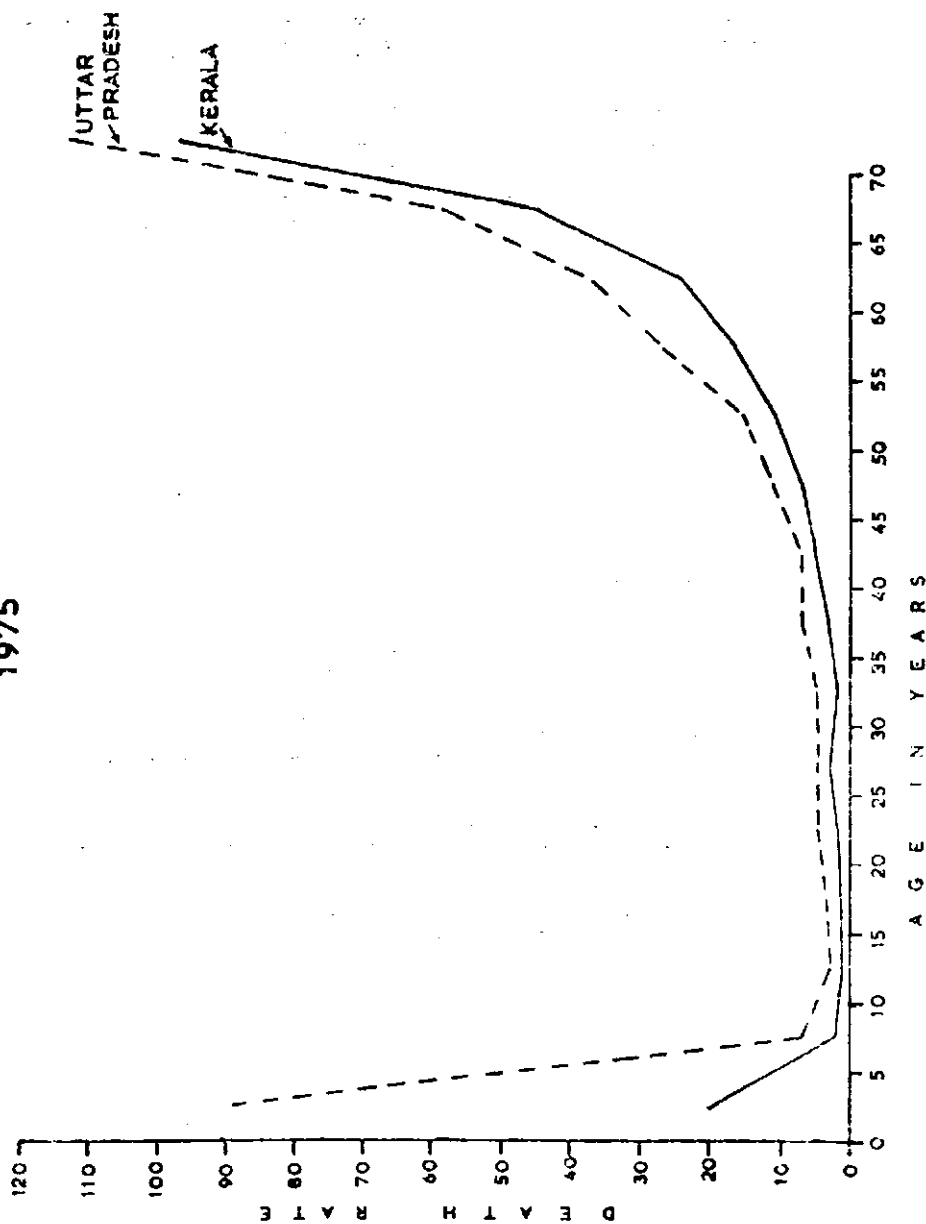
2.65 The age specific death rate by sex and states for the year 1975 is shown in Statement 59 separately for rural and urban areas. The pattern of mortality differs from state to state, depending in general the

level child mortality. The shape of the mortality curve for 1975 for the two states of Kerala and Uttar Pradesh which indicate a contrast in relation to crude death rate is shown in Chart 25.

Chart 25

AGE SPECIFIC DEATH RATES FOR KERALA AND UTTAR PRADESH

1975



Age specific death rates for major states, 1975

States	Sex	0-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-44	45-49	50-54	55-59	60-64	65-69	70+	All ages
RURAL																	
1. Andhra Pradesh	Male	52.8	4.6	2.0	2.7	4.0	4.5	5.9	8.2	9.0	11.9	20.6	30.7	53.5	54.0	129.2	15.3
	Female	53.5	6.3	2.9	4.5	4.3	4.0	6.0	6.8	7.0	12.9	19.9	24.4	38.6	58.1	114.7	16.6
2. Assam	Male	51.6	7.4	3.3	2.4	2.0	4.7	4.9	7.0	14.7	26.7	39.5	38.2	58.4	68.3	145.2	18.5
	Female	48.8	5.1	3.2	5.7	4.9	8.3	9.4	10.4	13.1	7.8	36.2	33.2	45.4	84.2	158.0	16.0
3. Gujarat	Male	61.8	3.5	1.2	1.9	2.4	4.2	5.5	5.9	6.0	14.5	20.6	36.5	45.7	57.3	125.6	16.5
	Female	64.8	3.9	2.3	3.5	3.3	3.5	5.9	6.3	5.7	10.7	13.3	17.4	31.7	48.0	110.2	16.6
4. Haryana	Male	40.0	3.4	1.3	1.4	2.2	1.6	0.2	4.5	3.7	9.3	6.7	8.6	28.1	45.2	93.8	13.0
	Female	54.6	3.3	2.3	3.3	2.4	3.5	2.7	3.9	7.8	10.2	12.2	18.0	28.4	46.6	96.7	13.4
5. Himachal Pradesh	Male	39.1	3.4	2.0	0.4	7.7	1.0	..	5.6	3.0	1.1	6.5	19.5	54.8	26.4	150.5	14.6
	Female	46.2	3.2	..	5.4	3.5	3.2	8.4	6.2	7.9	0.9	12.1	..	32.1	24.2	80.1	12.4
6. Jammu & Kashmir	Male	32.1	3.8	2.2	3.0	5.8	8.9	4.6	8.4	15.2	10.1	9.5	31.7	28.8	55.7	99.1	12.6
	Female	36.5	3.7	1.8	3.4	2.7	2.9	4.8	7.2	8.2	16.7	26.3	40.7	41.3	45.7	135.1	14.7
7. Karnataka	Male	33.0	3.2	2.6	2.4	2.0	4.0	3.7	5.9	7.4	13.2	22.8	28.3	34.9	60.6	123.1	12.2
	Female	28.8	4.1	2.1	5.2	4.7	3.8	4.0	5.5	6.9	8.6	10.1	25.8	30.6	47.5	131.3	12.8
8. Kerala	Male	20.3	2.3	1.0	1.0	2.1	2.8	2.6	3.5	6.0	8.9	13.0	21.1	26.1	47.4	101.7	8.2
	Female	21.6	1.9	1.3	1.3	1.7	3.1	1.1	2.8	2.9	4.3	7.6	12.1	16.7	40.5	93.9	8.8
9. Madhya Pradesh	Male	68.3	4.4	3.6	3.5	2.7	5.3	3.2	6.9	7.0	15.0	19.1	35.9	36.6	56.8	123.0	18.5
	Female	85.3	5.8	3.0	5.3	6.9	7.4	3.5	2.7	7.6	6.3	13.8	22.9	37.5	41.7	118.1	21.0
10. Maharashtra	Male	35.2	3.5	1.3	2.3	1.6	3.1	4.4	5.1	8.6	8.5	16.7	25.6	28.4	58.8	127.7	12.0
	Female	5.2	4.1	0.9	2.3	4.1	3.9	5.4	3.8	4.4	6.9	18.7	16.6	35.1	52.2	123.7	12.4
11. Orissa	Male	53.6	5.3	4.8	2.6	4.2	1.6	9.1	10.0	11.7	17.1	5.6	30.9	51.4	76.4	144.6	17.8
	Female	58.6	5.2	3.9	4.5	4.9	4.9	7.1	6.3	12.0	10.7	27.5	29.9	58.2	81.9	156.3	18.8
12. Punjab	Male	34.6	2.7	1.3	1.3	2.7	1.9	3.2	3.8	2.4	11.9	6.3	15.2	12.2	39.7	87.8	11.3
	Female	43.2	2.8	1.3	0.5	2.6	1.9	2.5	2.7	3.4	5.6	4.3	6.5	13.0	32.0	93.7	11.2
13. Rajasthan	Male	66.8	5.1	1.6	1.6	2.9	3.0	6.1	6.1	8.8	13.5	17.1	32.7	40.9	47.4	98.2	17.2
	Female	78.0	4.0	2.5	5.0	5.0	4.5	6.1	5.3	3.8	7.5	13.0	26.1	23.9	50.2	78.7	17.6
14. Tamil Nadu	Male	46.8	4.3	3.0	3.8	4.1	4.6	5.3	9.4	11.2	14.6	19.6	32.4	46.2	85.1	140.8	17.5
	Female	45.9	5.4	1.9	5.3	5.6	6.7	7.3	7.7	9.4	14.5	19.8	34.3	42.4	88.1	165.6	17.9
15. Uttar Pradesh	Male	83.5	7.3	2.7	2.2	2.5	3.5	3.3	8.4	7.9	12.7	17.6	26.5	35.4	62.7	127.3	21.3
	Female	104.5	9.1	3.0	5.3	7.3	6.4	6.9	5.9	7.3	9.2	17.3	28.6	40.0	51.5	95.9	26.1

Age specific death rates for major states, 1975

States	Sex	0-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-44	45-49	50-54	55-59	60-64	65-69	70+	All ages
URBAN																	
1. Andhra Pradesh	Male	29.7	1.8	1.5	1.5	3.2	1.9	4.4	6.2	9.4	4.9	8.0	15.9	24.9	25.0	89.8	10.0
	Female	1.3	1.1	1.5	2.0	2.1	2.2	3.9	1.3	3.3	10.3	11.6	18.5	34.6	49.3	105.9	9.9
2. Assam	Male	33.2	3.6	0.7	2.2	2.5	1.4	2.7	5.4	12.7	16.7	13.6	23.3	51.4	46.6	74.7	10.1
	Female	26.5	3.7	2.4	0.3	1.9	5.3	5.4	3.3	7.9	7.9	18.2	20.7	34.7	24.8	134.3	9.6
3. Gujarat	Male	43.7	2.8	1.7	2.4	1.6	1.4	2.6	7.2	9.8	12.8	17.5	33.1	46.7	46.2	98.0	12.5
	Female	38.5	1.8	1.2	1.4	2.5	3.4	3.9	5.4	6.1	14.0	9.0	15.9	32.5	44.4	105.3	11.7
4. Haryana	Male	21.7	0.7	..	1.0	0.4	1.7	0.7	1.6	4.9	6.2	20.3	16.6	24.8	58.4	121.0	8.1
	Female	22.0	2.7	1.4	2.0	1.9	0.9	2.9	3.0	2.0	5.9	7.3	4.5	22.6	30.6	70.5	8.1
5. Himachal Pradesh	Male	17.8	1.8	1.8	..	0.7	..	0.3	2.4	3.0	0.6	17.5	15.6	47.4	45.2	99.9	6.7
	Female	17.9	1.6	..	..	3.2	2.0	3.5	6.7	4.6	13.0	9.3	40.3	30.2	55.6	109.0	8.3
6. Jammu & Kashmir	Male	17.9	1.1	0.1	1.7	0.7	2.4	0.9	3.7	10.9	15.3	22.3	38.8	55.4	56.1	92.1	8.7
	Female	13.7	0.6	0.5	6.7	1.6	2.3	1.1	4.0	6.3	4.3	11.9	9.6	61.6	50.6	60.0	5.4
7. Karnataka	Male	13.9	2.6	0.2	1.2	2.5	2.3	3.4	11.1	11.2	12.7	10.4	28.8	38.2	8.0	10.9	7.2
	Female	19.2	4.0	1.0	1.6	2.0	2.5	5.3	4.7	9.6	10.4	10.0	23.2	33.4	8.5	10.8	7.8
8. Kerala	Male	13.1	1.4	1.2	1.2	1.8	1.6	1.2	2.9	9.1	16.1	15.1	22.4	46.8	70.9	100.4	7.5
	Female	12.6	3.6	0.9	1.2	1.1	1.3	2.6	1.6	3.1	8.6	7.2	10.0	33.3	36.5	94.8	7.9
9. Madhya Pradesh	Male	34.2	1.3	1.0	1.1	2.2	2.6	1.5	7.7	6.0	9.5	10.2	34.7	53.5	72.0	118.0	10.9
	Female	37.5	2.8	2.1	4.6	1.3	4.9	0.7	6.0	4.7	5.9	15.3	14.5	32.5	42.4	73.9	10.6
10. Maharashtra	Male	28.4	3.8	1.4	1.5	1.9	3.1	1.9	4.0	6.0	10.5	12.0	26.9	30.4	50.4	83.5	9.3
	Female	29.5	1.9	0.6	2.0	2.8	2.9	2.8	4.7	4.2	6.5	2.7	11.8	42.5	60.7	86.6	9.9
11. Orissa	Male	36.7	4.3	2.3	2.7	3.3	2.8	2.3	4.3	6.3	11.7	26.3	39.7	48.8	80.7	113.8	12.9
	Female	33.6	4.4	1.5	3.8	3.2	3.9	4.4	6.0	4.4	13.6	10.4	26.3	45.4	55.4	129.7	12.6
12. Punjab	Male	24.0	1.2	1.2	0.4	1.2	2.9	4.3	3.7	2.5	7.2	11.8	19.8	30.0	52.0	112.9	9.5
	Female	25.6	0.3	0.3	1.3	3.5	1.4	1.4	3.5	3.7	0.9	11.6	8.6	19.5	46.5	104.1	8.8
13. Rajasthan	Male	28.1	3.1	1.1	0.8	1.5	3.7	2.7	1.4	4.8	13.3	11.7	25.5	45.0	48.0	111.8	9.0
	Female	31.5	3.2	1.0	3.9	3.2	1.3	2.5	3.9	2.1	2.5	9.1	8.1	30.8	42.2	95.9	9.7
14. Tamil Nadu	Male	31.0	2.1	0.9	1.7	1.8	1.8	1.6	2.8	5.0	11.4	17.3	24.0	38.0	38.9	73.9	9.3
	Female	22.7	1.3	2.0	..	0.7	1.6	4.3	6.9	5.0	11.6	11.1	28.8	35.5	40.7	68.8	8.6
15. Uttar Pradesh	Male	50.6	4.4	1.3	2.2	2.9	3.3	4.0	6.1	7.0	14.3	14.7	25.1	41.8	70.9	129.2	14.4
	Female	61.3	4.5	3.2	3.5	4.8	2.7	3.8	6.3	4.9	11.1	10.6	29.5	34.8	52.4	108.3	15.6

TYPE OF MEDICAL ATTENTION AT DEATH

2.66 Information was collected regarding the type of medical attention received at death. Statement 60

presents the per cent distribution of deaths by type of medical attention received at death for the period 1970-75 at the national level.

STATEMENT 60

Per cent distribution of sample deaths by type of medical attention received at death, India, 1970-75

Type	1970	1971	1972	1973	1974	1975
Medical institutions	8.5	9.3	7.6	8.5	9.5	8.8
Qualified medical practitioners	22.7	27.3	26.2	26.1	26.9	29.2
Untrained practitioners	26.5	25.3	28.0	28.9	28.7	28.4
Others	42.3	38.1	38.2	36.5	34.9	38.6

It is seen that over the period 1970-75, over three-fifth of the total deaths is not attended by trained medical practitioners. As compared to 1970, the proportion of deaths availing medical facilities from trained practitioners has increased in 1975. The Chart 26 depicts the per cent deaths by type of medical attention at death for the year 1975.

2.67 The rural-urban differential in regard to type of medical attention received at death is shown in Statement 61. It is seen that more than two third of the deaths in the rural areas and two-fifth in the urban areas are not attended by trained medical practitioners. Thus in the urban areas more deaths are attended by trained medical practitioners than in the rural areas.

STATEMENT 61

Per cent distribution of deaths by type of medical attention at death, India, 1970-75

Type	Rural						Urban					
	1970	1971	1972	1973	1974	1975	1970	1971	1972	1973	1974	1975
Medical Institutions	6.2	7.8	5.8	6.8	7.9	7.2	17.4	16.6	15.4	15.7	16.2	15.0
Trained Medical Practitioners	17.5	22.3	21.8	20.7	21.6	23.7	42.5	47.8	44.5	48.5	48.3	50.7
Untrained practitioners	30.6	29.0	31.6	33.2	32.9	33.0	10.8	10.0	12.6	11.2	11.1	10.4
Others	45.7	40.9	40.8	39.3	37.5	36.1	29.3	26.6	27.5	24.6	24.4	23.9

2.68 The percentage distribution of deaths by types of medical attention for major states for 1975 is presented in Statement 62 separately for rural and urban areas. In a majority of states, in the rural areas, the proportion of deaths not attended by trained medical practitioners is more than 50 per cent. In the urban areas, Andhra Pradesh, Orissa and Rajasthan have shown a proportion exceeding 50 per cent—Kerala has the lowest proportion in the rural areas and the lowest proportion in the urban areas goes to Maharashtra. The states can be grouped according to the level of per cent deaths not attended by trained medical practitioners as under:

Size	Rural	Urban
Below 20		Kerala, Maharashtra, Uttar Pradesh

1	2	3
20-30	..	Assam, Gujarat, Jammu & Kashmir
30-40	..	Himachal Pradesh, Karnataka, Madhya Pradesh
40-50	Assam, Kerala	Haryana, Punjab, Tamil Nadu
50+	Andhra Pradesh, Gujarat, Haryana, Himachal Pradesh, Jammu & Kashmir, Karnataka, Madhya Pradesh, Maharashtra, Orissa, Punjab, Rajasthan, Tamil Nadu, Uttar Pradesh	

A graphical presentation of data is given in Chart 27.

STATEMENT 62

Percentage distribution of deaths by type of medical attention at death, 1975

States	Rural			Urban			Total		
	(a)	(b)	(c)	(a)	(b)	(c)	(a)	(b)	(c)
Andhra Pradesh	6.5	10.8	82.7	17.4	25.5	57.1	8.0	12.8	79.2
Assam	2.3	52.2	45.5	10.4	60.9	28.9	4.2	54.2	41.6
Gujarat	6.6	26.0	67.4	12.1	58.1	29.8	7.5	36.8	61.7
Haryana	1.1	26.1	72.8	5.2	46.6	58.2	2.1	31.2	66.7
Himachal Pradesh	1.3	35.0	63.7	13.1	48.7	38.2	6.5	41.1	52.4
Jammu & Kashmir	4.4	34.8	60.8	4.0	69.9	26.1	4.3	43.5	52.2
Karnataka	28.5	19.5	52.0	31.8	24.8	44.4	29.1	20.4	50.5
Kerala	20.1	35.8	44.1	22.9	61.3	15.8	20.8	41.4	37.8
Madhya Pradesh	0.9	18.6	80.5	20.7	41.8	37.5	4.2	22.4	73.4
Maharashtra	6.9	15.0	78.1	29.0	59.6	11.4	12.5	26.4	61.1
Orissa	2.5	13.5	84.0	4.3	29.7	66.0	3.0	17.8	79.2
Punjab	4.8	6.2	89.5	13.0	49.3	37.7	6.6	17.4	76.0
Rajasthan	1.4	15.0	83.6	14.0	19.4	66.6	3.6	15.8	80.6
Tamil Nadu	9.1	11.0	79.9	26.7	29.2	44.1	11.4	13.4	75.2
Uttar Pradesh	0.7	40.4	58.9	2.9	82.7	14.4	1.3	51.6	47.1

(a) Medical Institutions

(b) Qualified medical practitioners

(c) Untrained medical practitioners and others

CHART 26
INDIA
DEATHS BY TYPE OF MEDICAL ATTENTION, 1970-75
(PERCENTAGE)

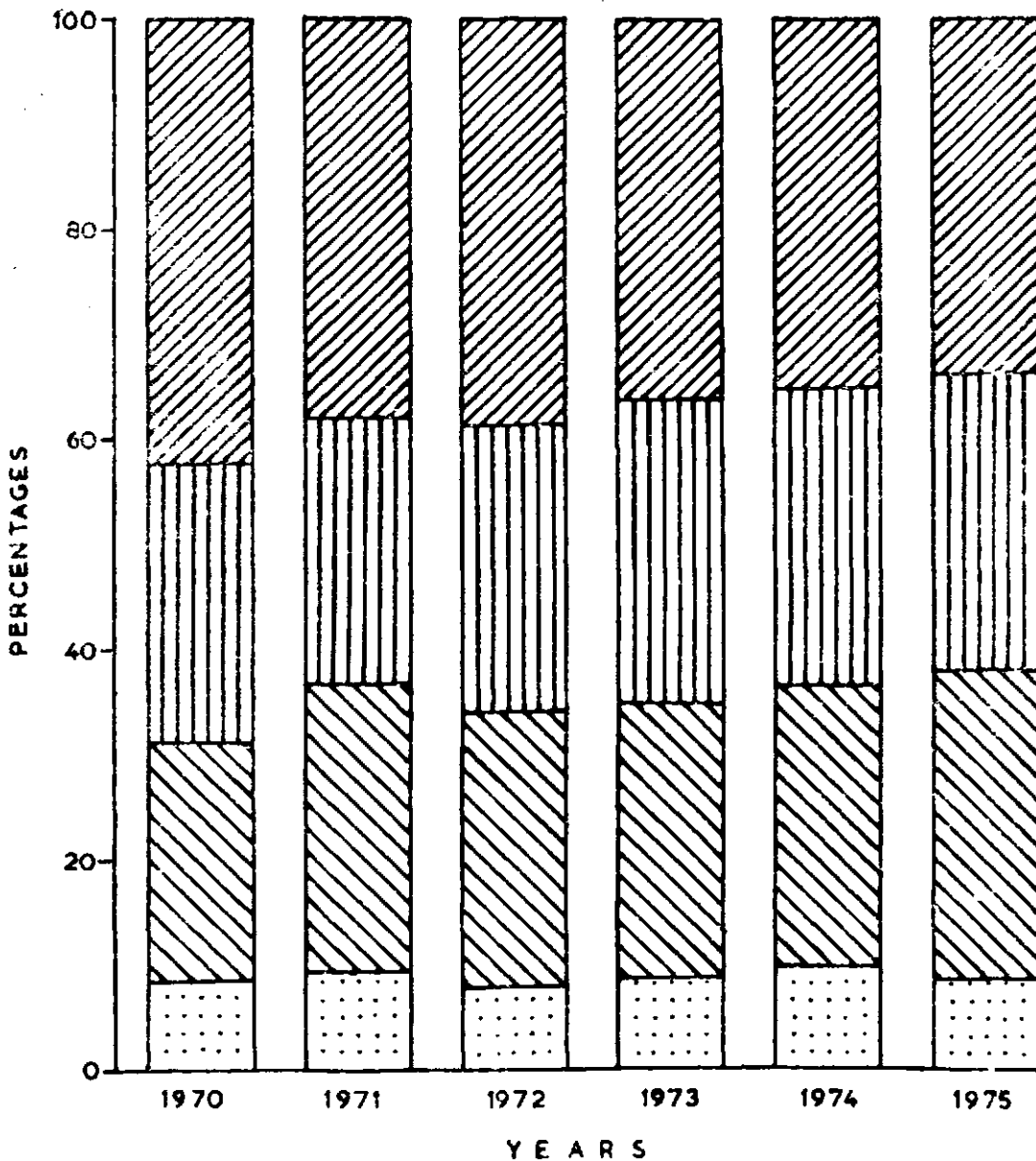
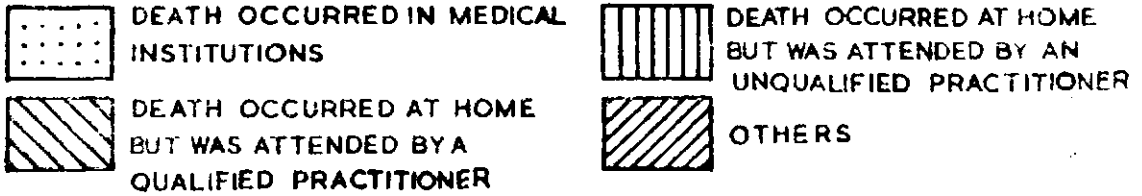
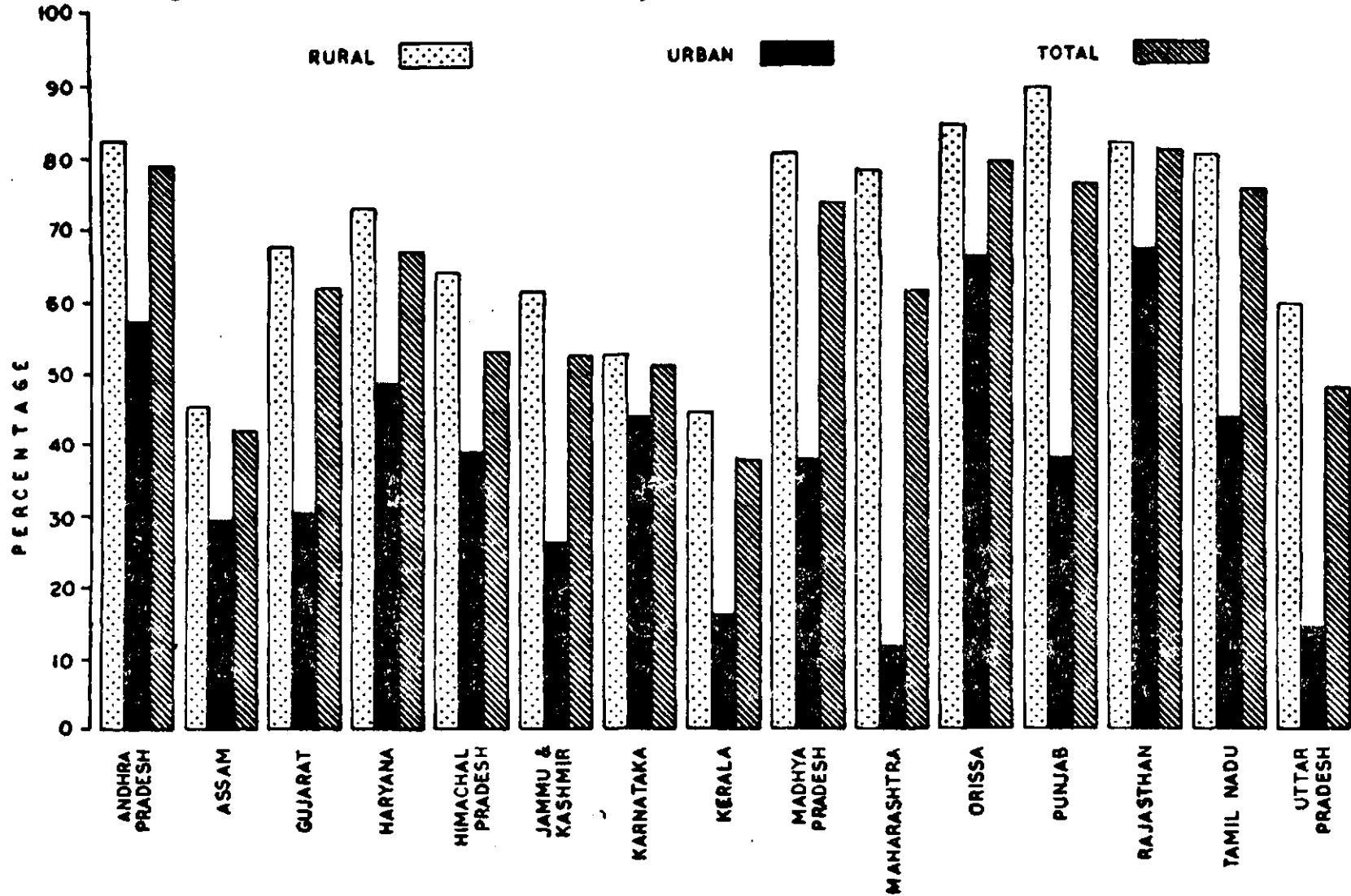


CHART 27

PERCENTAGES OF DEATHS ATTENDED BY UNTRAINED PRACTITIONERS & OTHERS IN MAJOR STATES, RURAL / URBAN, 1975



SRS BASED ABRIDGED LIFE TABLES, INDIA, 1970-75

A life table is a convenient tool designed to analyse mortality. It helps to understand the implications of age specific mortality rates in terms of the average life expectancy. This chapter describes a set of abridged life tables constructed separately for rural and urban areas on the basis of the age specific death rates by sex for the period 1970-75 at the national level. Greville's method has been utilised for the construction of life tables.

Method

3.1 The method consists of converting the observed death rate to the life table mortality function by using the formula

$$n^q_x = \frac{n^m_x}{\frac{1}{n} + n^m_x \left\{ \frac{1}{2} + \frac{n}{12} (n^m_x - \log_e C) \right\}}$$

where the value of C is obtained on the assumption that n^m_x values follow an exponential curve. The value of C has been empirically found to be between 1.08 and 1.10 and the value of $\log_e C$ has been taken as 0.09. The values of n^l_x are obtained from the following relationship.

$$\log_e L_0 = 0.276 \log_e l_0 + 0.724 l_1$$

$$n^l_x = n^q_x / n^m_x$$

$$e L_{70} = e d_{70} / e m_{70}$$

Results

3.2 The average expectation of life at birth is found to be 49.7 years as seen from Statement 63. It rises to 56.2 years at age one and further goes up to 57.5 years at age five and thereafter it starts declining. The average expectation of life after reaching the age of 70 years is found to be 8.9 years.

STATEMENT 63

Abridged Life Table, India, Person, 1970-75

Age interval (exact age x to x+n)	n^q_x	l_x	n^l_x	e^o_x
0-1	0.13243	100,000	90,412	49.7
1-5	0.08890	86,757	332,314	56.2
5-10	0.02432	79,044	390,650	57.5
10-15	0.01070	77,122	383,721	53.9
15-20	0.01396	76,297	379,004	49.4
20-25	0.01829	75,232	372,900	45.1
25-30	0.01908	73,856	365,974	40.9
30-35	0.02320	72,447	358,422	36.6
35-40	0.02871	70,766	349,141	32.4
40-45	0.03570	68,734	338,017	28.3
45-50	0.05267	66,280	323,241	24.2
50-55	0.08188	62,789	301,879	20.4
55-60	0.11267	57,648	272,899	17.0
60-65	0.17308	51,153	234,605	13.8
65-70	0.23835	42,299	187,050	11.2
70+	1.00000	32,217	286,654	8.9

3.3 The expectation of life at birth in the urban areas is found to be higher than that in the rural areas. This may be seen from Statement 64. The average expectation of life at birth in the rural areas is 48.0 years as against 58.9 years in the urban areas. The average life expectancy at all ages is found to be lower in the rural areas than in the urban areas. It is observed that out of a cohort of 100,000 births, only about 49,000 (49 per cent) are expected to survive till the exact age 60 years in rural areas. The corresponding percentage in urban areas is found to be 63. The higher expectation of life in the urban areas as compared to the rural areas may be due to better health and hygienic facilities.

STATEMENT 64

Abridged Life Tables, India (Rural/Urban), Person, 1970-75

Age interval	Rural				Urban			
	n^q_x	l_x	n^l_x	e^o_x	n^q_x	l_x	n^l_x	e^o_x
1	2	3	4	5	6	7	8	9
0-1	0.14232	100,000	89,696	48.0	0.08900	100,000	93,918	58.9
1-5	0.09845	85,768	326,907	54.9	0.03837	91,600	359,775	63.3
5-10	0.02662	77,324	381,818	56.7	0.01366	88,085	437,455	61.7
10-15	0.01159	75,266	374,249	53.2	0.00673	86,882	433,333	57.5
15-20	0.02534	74,394	369,256	48.8	0.00871	86,297	429,714	52.9
20-25	0.02031	73,253	362,927	44.5	0.01129	85,545	425,551	48.3
25-30	0.02114	71,765	355,269	40.4	0.01159	84,579	420,601	43.9
30-35	0.02505	70,248	347,140	36.2	0.01583	83,599	414,734	39.3
35-40	0.03027	68,488	337,622	32.0	0.02227	82,276	407,111	34.9
40-45	0.03729	66,415	326,350	28.0	0.02808	80,444	397,012	30.7

STATEMENT 64—*Concl'd.*

1	2	3	4	5	6	7	8	9
45-50	0.05438	63,938	311,559	23.9	0.04494	78,185	382,789	26.5
50-55	0.07980	60,461	291,013	20.2	0.06557	74,671	361,863	22.6
55-60	0.11593	55,636	262,943	16.7	0.09628	69,775	333,069	19.0
60-65	0.17710	49,186	225,090	13.5	0.15396	63,057	292,146	15.7
65-70	0.24559	40,475	178,232	10.9	0.20123	53,349	240,911	13.1
70+	1.00000	30,535	261,452	8.6	1.00000	42,614	459,847	10.8

3.4 Statement 65 shows life tables for males and females for rural and urban areas combined. The average expectation of life at birth for males is found to be 50.5 years as against 49.0 years for females. The average expectation of life upto age 5 is lower for

females as compared to males. After age 5 the average expectation for females continues to be higher than that for males and the margin of difference is found to be in the range of 0.4 to 1.7.

STATEMENT 65
Abridged Life Tables, India, Males/Females, 1970-75

Age interval	Male				Female			
	n^q_x	l_x	n^L_x	e^o_x	n^q_x	l_x	n^L_x	e^o_x
0-1	0.12998	100,000	89,802	50.5	0.13505	100,000	90,222	49.0
1-5	0.07567	87,002	336,899	57.0	0.10301	86,495	328,904	55.6
5-10	0.02266	80,419	397,816	57.5	0.02613	77,585	383,176	57.7
10-15	0.01005	78,597	391,089	53.8	0.01139	75,556	375,982	54.2
15-20	0.01119	77,807	387,111	49.3	0.01706	74,697	370,349	49.8
20-25	0.01401	76,936	382,270	44.8	0.02266	73,423	363,319	45.6
25-30	0.01549	75,858	376,603	40.4	0.02266	71,759	355,022	41.6
30-35	0.02050	74,683	369,807	36.0	0.02593	70,133	346,286	37.5
35-40	0.02886	73,152	360,855	31.7	0.02852	68,315	337,024	33.4
40-45	0.03854	71,041	348,790	27.6	0.03260	66,367	326,737	29.3
45-50	0.05836	68,303	332,167	23.5	0.04618	64,204	314,089	25.2
50-55	0.08418	64,317	308,842	19.8	0.06918	61,239	296,224	21.3
55-60	0.12596	58,903	276,932	16.4	0.09773	57,003	271,889	17.7
60-65	0.18434	51,484	234,693	13.4	0.16139	51,432	237,715	14.3
65-70	0.25081	41,993	184,351	10.9	0.22586	43,131	192,112	11.6
70+	1.00000	31,461	271,773	8.6	1.00000	33,389	306,321	9.2

3.5 In the rural areas as given in Statement 66, it is observed that the average expectation of life for males is higher than that for females initially. The average expectation of life at birth is found to be 48.9 for males and 47.1 for females. At age one it is 55.8 for males

and 54.2 for females. The difference between the male and female expectations narrows down thereafter. At age 10 and over females have a higher expectation of life than males.

STATEMENT 66
Abridged Life Tables, India (Rural), Males/Females, 1970-75

Age interval	Male				Female			
	n^q_x	l_x	n^L_x	e^o_x	n^q_x	l_x	n^L_x	e^o_x
1	2	3	4	5	6	7	8	9
0-1	0.13929	100,000	89,915	48.9	0.14555	100,000	85,462	47.1
1-5	0.03475	86,071	330,389	55.8	0.11314	85,445	323,203	54.1
5-10	0.02481	78,775	389,243	56.8	0.02857	75,778	373,921	56.7
10-15	0.01080	76,822	382,488	53.2	0.01253	73,613	365,873	53.3
15-20	0.01218	75,992	377,959	48.7	0.01893	72,691	360,209	48.9
20-25	0.01549	75,066	372,756	44.8	0.02515	71,315	352,456	44.8
25-30	0.01716	73,903	366,474	39.9	0.02501	69,521	343,676	40.9
30-35	0.02198	72,635	359,685	35.6	0.02798	67,782	334,568	36.9
35-40	0.03022	71,038	350,245	31.3	0.03027	65,885	324,756	32.9
40-45	0.04033	68,891	337,956	27.2	0.03449	63,891	314,488	28.8

STATEMENT 66—*Concl.*

1	2	3	4	5	6	7	8	9
45-50	0.06016	66,113	321,244	23.2	0.04795	61,687	301,529	24.7
50-55	0.08640	62,136	298,112	19.5	0.07231	58,722	283,701	20.8
55-60	0.12856	56,767	266,545	16.1	0.10191	54,482	259,318	17.3
60-65	0.18702	49,469	225,164	13.1	0.16677	48,930	225,166	13.9
65-70	0.25714	40,217	175,897	10.6	0.23402	40,770	180,735	11.2
70+	1.00000	29,876	248,387	8.3	1.00000	31,229	275,461	8.8

3.6 In the urban areas, females are found to have higher expectation of life at birth and at subsequent ages thereafter (Statement 67). The expectation of life at birth is found to be 59.2 for females as against

58.8 for males. The margin of difference increases to 2.7 at age 35 years. Thereafter the difference comes down and at age 70, the average expectation is found to be 11.1 for females as against 10.5 for males.

STATEMENT 67

Abridged Life Tables, India (Urban) Males/Females, 1970-75

Age interval	Male				Female			
	n^q_x	l_x	n^L_x	e^o_x	n^q_x	l_x	n^L_x	e^o_x
0-1	0.08467	100,000	98,214	58.8	0.08328	100,000	93,971	59.2
1-5	0.02779	91,533	361,364	63.1	0.04941	91,672	358,103	63.5
5-10	0.01277	88,939	442,023	60.9	0.01465	87,142	432,881	62.7
10-15	0.00688	87,853	437,681	56.6	0.00658	85,865	428,030	58.6
15-20	0.00733	87,249	435,374	52.0	0.01020	85,300	424,390	54.0
20-25	0.00916	86,609	430,978	47.4	0.01366	84,430	419,273	49.5
25-30	0.00985	85,816	426,767	42.8	0.01351	83,277	413,663	45.1
30-35	0.01495	84,971	421,927	38.2	0.01682	82,152	407,670	40.7
35-40	0.02354	83,701	413,866	33.7	0.02075	80,770	400,000	36.4
40-45	0.03143	81,731	402,665	29.5	0.02403	79,094	391,152	32.1
45-50	0.05067	79,162	386,416	25.4	0.03782	77,193	379,091	27.8
50-55	0.07460	75,151	362,613	21.6	0.05457	74,274	361,875	23.8
55-60	0.11334	69,545	329,102	18.1	0.07636	70,221	338,510	20.0
60-65	0.17136	61,663	283,070	15.1	0.13623	64,859	303,330	16.5
65-70	0.21848	51,096	228,516	12.6	0.18383	56,023	255,432	13.6
70+	1.00000	39,933	417,404	10.5	1.00000	45,724	508,949	11.1

3.7 A comparison of the average expectation of life at birth for males and females as obtained from the abridged life tables with those obtained from earlier censuses and also those estimated by the Expert Committee on Population Projection has been provided in Statement 68. It is observed that the abridged life tables provide almost the same values as estimated by the Expert Committee for the period 1971-76. The average expectation of life at birth is found to be increasing for males as well as females due to general improvement in the health conditions of the people.

STATEMENT 68

Expectation of life at birth from different sources

Source	Average expectation of life		
	Period	Male	Female
Life tables based on the census data	1951-61	41.9	40.6
	1961-71	46.4	44.7
Expert Committee on Population Projection	1971-76	50.1	48.8
SRS based Abridged Life Tables	1970-75	50.5	49.0

EVALUATION OF SRS DEATH REGISTRATION COMPLETENESS

4.0 Methodology

4.1 A method has been devised by Brass (1975) to estimate the completeness of registration of adult deaths. The method is based on the equation:

$$\frac{P(X)}{P(X+)} = r + f \frac{D(X+)}{P(X+)}$$

where P(x) is the number of persons of exact age X, P(X+) is the total number of persons aged X and over, D(X+) is the total number of deaths occurring to persons aged X and over, f is the reciprocal of the death registration completeness and r is the growth rate. The assumptions involved in this method are that the reporting of ages is accurate and the population is stable. It is further assumed that the completeness of death registration does not vary with age at least over age 5 or age 10. The use of cumulation is likely to smooth out some of the effects of age errors. It has been found that the bias introduced in assuming stability is relatively small. The effects of changes in fertility affect mainly the younger age groups and as such would have little impact on the performance of this method of estimation. In a population where mortality has been declining, the method gives an upper limit of the degree of completeness of death registration.

Results

4.2 The method was applied to SRS data for the period 1970-75. The values of P(X) and D(X+) are given in Statement 69 separately for males and females.

STATEMENT 69

Age-groups	Values of $\frac{P(X)}{P(X+)}$ and $\frac{D(X+)}{P(X+)}$, 1970-75			
	Male		Female	
	$\frac{P(X)}{P(X+)}$	$\frac{D(X+)}{P(X+)}$	$\frac{P(X)}{P(X+)}$	$\frac{D(X+)}{P(X+)}$
5	0.0332	0.0093	0.0333	0.0093
10	0.0373	0.0103	0.0369	0.0101
15	0.0391	0.0121	0.0374	0.0118
20	0.0371	0.0141	0.0361	0.0134
25	0.0365	0.0163	0.0379	0.0151
30	0.0399	0.0190	0.0423	0.0174
35	0.0457	0.0226	0.0481	0.0206
40	0.0528	0.0272	0.0533	0.0248
45	0.0610	0.0337	0.0593	0.0308
50	0.0703	0.0420	0.0660	0.0384
55	0.0824	0.0537	0.0756	0.0489
60	0.0949	0.0678	0.0887	0.0623
65	0.1248	0.0882	0.1178	0.0818

The points corresponding to $\frac{P(X)}{P(X+)}$ and $\frac{D(X+)}{P(X+)}$

are plotted on a graph separately for males and females and these are shown in Charts 28 and 29.

The slope of the line is 0.94 both for males and females with an intercept of 0.0215 representing the growth rate. Thus the extent of under-reporting of adult deaths (aged 5 years and over) is about 6 per cent. The growth rate is 21.5 (per 1000). The average death rate for the period 1970-75 is estimated as 15.6. Thus adjusting for under-reporting of deaths to the extent of 6 per cent, the adjusted death rate would be 16.5. The birth rate for the period 1970-75 obtained as the sum of the growth rate and death rate would then be 38.0. The estimated average birth rate for 1970-75 is 35.8. The extent of under-reporting of births in the SRS for the period 1970-75 would then be about 6 per cent.

CHART 28
EVALUATION OF SRS DEATH REGISTRATION
MALES

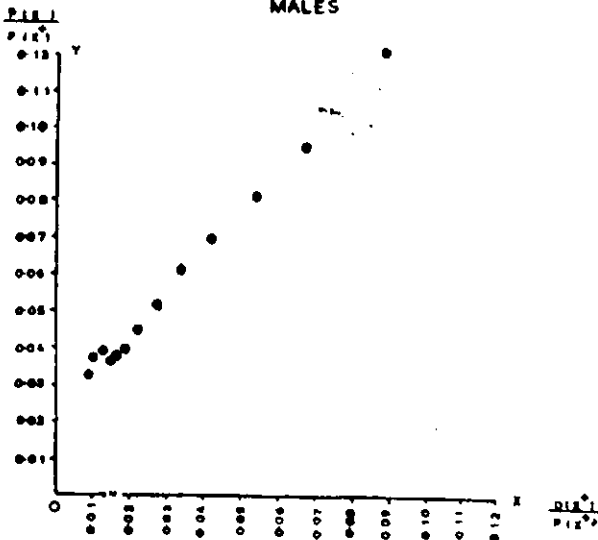
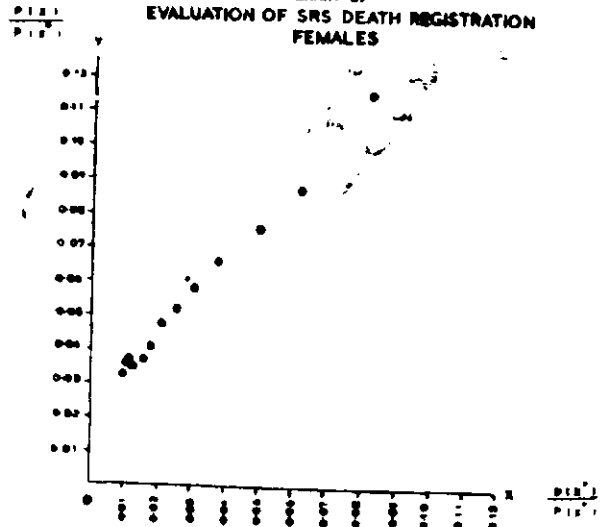


CHART 29
EVALUATION OF SRS DEATH REGISTRATION
FEMALES



DETAILED TABLES

I N D I A

TABLE 1—*Concd.*

COMBINED

Age-groups	1970	1971	1972	1973	1974	1975
MALE						
0—4	15.04	14.40	14.96	14.55	14.13	13.96
5—9	14.21	14.21	14.03	13.85	13.61	13.40
10—14	12.47	12.71	12.95	12.96	12.95	12.98
15—19	9.21	9.71	9.86	10.27	10.61	10.85
20—24	7.45	7.77	7.78	7.96	8.18	8.35
25—29	7.20	7.08	6.86	6.84	6.86	6.85
30—34	6.60	6.71	6.61	6.48	6.39	6.31
35—39	6.12	6.06	5.88	5.82	5.85	5.85
40—44	5.50	5.47	5.34	5.35	5.31	5.23
45—49	4.38	4.33	4.30	4.38	4.45	4.52
50—54	3.90	3.86	3.79	3.72	3.70	3.63
55—59	2.49	2.50	2.55	2.70	2.91	2.92
60—64	2.44	2.34	2.22	2.14	2.08	2.03
65—69	1.27	1.27	1.33	1.45	1.41	1.59
70 & over	1.63	1.58	1.52	1.52	1.54	1.53
All ages	100.00	100.00	100.00	100.00	100.00	100.00
FEMALE						
0—4	15.15	14.48	15.01	14.58	14.07	14.00
5—9	14.30	14.33	14.11	13.94	13.66	13.28
10—14	12.08	12.30	12.50	12.55	12.65	12.80
15—19	8.67	9.19	9.28	9.75	10.09	10.34
20—24	8.12	8.29	8.26	8.24	8.34	8.36
25—29	7.62	7.59	7.31	7.24	7.19	7.25
30—34	7.14	7.15	7.09	6.93	6.85	6.66
35—39	5.98	5.95	5.83	5.92	6.01	6.08
40—44	5.20	5.21	5.21	5.23	5.18	5.15
45—49	4.04	3.99	4.00	4.10	4.23	4.38
50—54	3.68	3.61	3.51	3.48	3.47	3.41
55—59	2.38	2.39	2.48	2.61	2.76	2.80
60—64	2.54	2.46	2.31	2.21	2.14	2.09
65—69	1.33	1.34	1.41	1.53	1.64	1.69
70 & over	1.76	1.71	1.67	1.67	1.70	1.71
All ages	100.00	100.00	100.00	100.00	100.00	100.00
PERSON						
0—4	15.09	14.44	14.98	14.56	14.10	13.98
5—9	14.25	14.27	14.07	13.89	13.63	13.35
10—14	12.28	12.51	12.73	12.76	12.81	12.89
15—19	8.95	9.46	9.58	10.02	10.36	10.60
20—24	7.77	8.02	8.01	8.09	8.26	8.35
25—29	7.40	7.33	7.08	7.03	7.02	7.04
30—34	6.90	6.93	6.84	6.70	6.61	6.48
35—39	6.06	6.00	5.86	5.87	5.93	5.96
40—44	5.35	5.34	5.28	5.29	5.25	5.19
45—49	4.22	4.16	4.15	4.25	4.34	4.45
50—54	3.80	3.74	3.65	3.60	3.59	3.53
55—59	2.44	2.45	2.52	2.67	2.84	2.86
60—64	2.49	2.40	2.26	2.17	2.11	2.07
65—69	1.30	1.30	1.37	1.49	1.52	1.64
70 & over	1.69	1.64	1.60	1.60	1.61	1.61
All ages	100.00	100.00	100.00	100.00	100.00	100.00

TABLE 2

Estimated age-specific fertility rates and other fertility indicators, 1970-75

Age-groups	1970	1971	1972	1973	1974	1975
RURAL						
15—19	112.8	110.6	111.5	103.2	104.9	104.4
20—24	262.7	260.9	260.9	254.6	262.2	261.3
25—29	282.6	261.6	256.8	251.4	258.2	261.8
30—34	217.0	212.4	205.1	197.8	200.7	202.4
35—39	138.9	147.5	142.0	133.6	125.8	130.2
40—44	70.6	68.2	65.3	64.2	61.2	58.9
45—49	29.1	26.3	31.2	25.7	23.3	24.5
Crude birth rate	38.9	38.9	38.4	35.9	35.9	36.7
General fertility rate	173.4	168.7	165.6	157.6	158.6	158.6
Total fertility rate	5.6	5.4	5.4	5.2	5.2	5.2
Gross reproduction rate	2.7	2.6	2.7	2.5	2.5	2.5
URBAN						
15—19	74.7	64.9	75.5	69.3	62.2	64.3
20—24	230.0	213.9	233.5	205.9	203.0	206.7
25—29	217.2	227.9	237.6	210.7	204.3	207.6
30—34	163.5	158.0	175.1	138.8	140.5	136.8
35—39	93.4	96.5	93.8	81.6	79.3	76.8
40—44	37.3	34.9	37.7	31.0	32.5	33.2
45—49	14.0	15.4	15.6	12.2	12.7	10.9
Crude birth rate	29.7	30.1	30.5	28.9	28.4	28.5
General fertility rate	133.2	130.1	139.8	121.5	117.4	118.6
Total fertility rate	4.1	4.1	4.3	3.7	3.7	3.7
Gross reproduction rate	1.9	1.9	2.1	1.7	1.7	1.8
COMBINED						
15—19	104.8	100.8	104.2	95.9	95.7	96.0
20—24	256.3	250.8	255.3	243.4	248.8	248.7
25—29	269.7	254.8	253.0	242.6	246.6	250.1
30—34	207.9	202.2	199.9	186.3	189.1	189.4
35—39	130.5	137.8	133.3	123.8	117.2	120.5
40—44	65.0	62.2	60.7	58.0	55.7	54.0
45—49	26.5	24.4	28.6	23.3	21.4	22.1
Crude birth rate	36.8	36.9	36.6	34.6	34.5	35.2
General fertility rate	165.8	161.1	160.7	150.2	150.2	150.4
Total fertility rate	5.3	5.2	5.2	4.9	4.9	4.9
Gross reproduction rate	2.6	2.5	2.5	2.4	2.3	2.4

TABLE 3
Mortality indicators, 1970-75

Year	Crude death rate	Infant mortality rate	Neo-natal mortality rate	Post-natal mortality rate	Peri-natal mortality rate	Still birth rate
RURAL						
1970	17.3	136	72.3	63.6	46.1	17.7
1971	16.4	138	80.6	57.4	56.7	18.3
1972	18.9	150	76.6	73.4	53.3	18.5
1973	17.0	143	72.1	70.8	53.3	18.0
1974	15.9	136	75.7	60.2	55.1	17.9
1975	17.3	151	84.3	66.7	58.8	18.6
URBAN						
1970	10.2	90	46.0	44.5	33.9	14.3
1971	9.7	82	45.4	36.6	35.6	12.9
1972	10.3	85	44.9	40.1	36.6	14.4
1973	9.6	89	47.5	41.4	37.4	15.1
1974	9.2	74	41.0	32.9	36.3	12.5
1975	10.2	84	46.2	37.8	36.1	12.5
COMBINED						
1970	15.7	129	68.5	60.9	45.4	17.3
1971	14.9	129	75.2	54.2	53.4	17.5
1972	16.9	139	71.6	68.2	50.7	17.8
1973	15.5	134	68.2	66.2	50.7	17.5
1974	14.5	126	70.1	55.8	52.2	17.1
1975	15.9	140	78.3	62.1	55.2	17.6

TABLE 4
Estimated age-specific death rates by sex, 1970-75
RURAL

Age-groups	1970	1971	1972	1973	1974	1975
MALE						
0-4	55.5	53.2	58.5	53.1	51.5	57.2
5-9	4.9	5.0	5.6	5.3	4.5	4.8
10-14	2.1	2.2	2.1	2.5	1.9	2.2
15-19	2.7	2.1	2.8	2.5	2.4	2.3
20-24	3.1	3.4	3.5	3.2	3.0	2.8
25-29	3.6	3.2	3.9	3.3	3.3	3.4
30-34	4.2	4.2	4.2	5.0	3.7	4.5
35-39	5.0	5.7	5.7	5.5	5.6	7.3
40-44	8.6	7.7	9.2	8.0	7.4	8.5
45-49	12.5	11.0	12.7	12.2	12.2	13.6
50-54	18.4	19.8	19.2	18.0	17.2	15.5
55-59	26.6	24.9	28.5	26.4	28.0	29.2
60-64	43.2	37.4	43.8	44.8	38.0	39.7
65-69	55.0	54.5	64.8	57.2	58.6	61.0
70 & over	121.4	113.4	133.6	117.1	109.4	126.9
All ages	17.1	16.0	18.0	16.5	15.4	16.9
FEMALE						
0-4	61.0	59.3	67.2	60.8	58.5	63.5
5-9	5.5	5.4	6.2	5.9	5.9	5.8
10-14	2.5	2.3	2.9	2.7	2.3	2.4
15-19	3.8	3.3	3.9	3.7	3.8	4.3
20-24	5.0	4.7	5.8	5.2	4.7	5.1
25-29	5.1	4.7	5.4	5.5	4.8	4.9
30-34	5.5	5.7	6.6	6.4	4.0	5.8
35-39	5.8	6.4	6.4	6.1	5.6	6.5
40-44	6.8	6.3	8.1	6.9	6.6	7.3
45-49	9.6	8.8	10.4	9.0	11.1	9.8
50-54	15.0	15.0	16.3	13.2	14.3	16.8
55-59	19.9	18.0	24.2	20.9	20.0	24.6
60-64	35.1	33.9	41.7	35.6	33.3	37.7
65-69	46.7	44.4	60.7	54.2	52.0	55.7
70 & over	110.2	112.4	133.1	111.6	101.1	111.5
All ages	17.6	16.8	19.8	17.6	16.5	17.9
PERSON						
0-4	58.1	56.2	62.7	56.8	54.8	60.3
5-9	5.2	5.2	5.9	5.6	5.1	5.3
10-14	2.3	2.2	2.5	2.6	2.1	2.3
15-19	3.2	2.7	3.3	3.1	3.0	3.2
20-24	4.1	4.0	4.6	4.2	3.8	3.9
25-29	4.4	4.0	4.7	4.4	4.0	4.2
30-34	4.8	5.0	5.4	5.7	4.3	5.2
35-39	5.4	6.0	6.1	5.8	5.6	6.9
40-44	7.8	7.0	8.7	7.5	7.0	7.9
45-49	11.2	9.0	11.6	10.7	11.7	11.8
50-54	16.8	17.5	17.8	15.8	15.8	15.7
55-59	23.5	21.6	26.4	23.7	24.2	27.0
60-64	39.3	35.7	42.8	40.3	35.7	38.7
65-69	50.9	40.5	62.8	55.7	55.4	58.4
70 & over	115.8	112.8	133.3	114.3	106.0	119.0
All ages	17.3	16.4	18.9	17.0	15.9	17.3

TABLE 4—Contd.

URBAN

Age-groups	1970	1971	1972	1973	1974	1975
MALE						
0—4	32.3	31.1	29.1	29.6	25.0	31.0
5—9	3.0	2.4	2.5	2.5	2.3	2.8
10—14	1.6	1.6	1.0	1.4	1.5	1.2
15—19	1.6	1.3	1.2	1.4	1.7	1.6
20—24	2.0	1.8	1.4	1.8	1.9	2.1
25—29	2.3	2.2	2.0	1.9	1.2	2.4
30—34	3.2	3.1	3.6	2.9	2.9	2.5
35—39	3.5	4.6	4.2	4.8	5.8	5.3
40—44	5.7	6.5	6.5	6.2	6.0	7.2
45—49	9.5	8.6	10.1	11.3	10.5	11.8
50—54	15.4	15.6	18.6	13.9	15.9	13.7
55—59	20.2	23.1	23.2	24.5	23.9	26.9
60—64	40.1	35.3	40.7	32.6	36.2	38.9
65—69	46.7	50.3	46.9	48.3	50.9	50.5
70 & over	97.3	94.2	103.7	91.0	91.7	93.9
All ages	10.2	9.7	9.7	9.5	9.5	10.3
FEMALE						
0—4	32.3	33.3	35.7	33.4	29.7	32.4
5—9	3.5	2.9	2.7	3.2	2.8	2.7
10—14	1.6	1.2	1.4	1.5	0.8	1.5
15—19	2.6	2.0	2.0	2.2	1.9	1.8
20—24	2.6	2.8	3.0	3.3	2.3	2.5
25—29	3.1	2.9	3.1	2.8	2.6	2.4
30—34	3.8	3.1	4.4	3.0	2.8	3.7
35—39	4.6	4.2	3.7	3.9	4.1	4.7
40—44	5.3	4.6	5.6	4.8	4.1	5.0
45—49	6.3	7.3	3.5	8.0	6.6	9.1
50—54	10.2	10.9	15.5	9.8	11.9	9.3
55—59	14.0	14.8	17.6	14.6	13.6	19.6
60—64	28.0	26.6	32.7	27.2	24.7	36.1
65—69	35.8	35.0	46.9	41.4	36.0	45.5
70 & over	96.8	89.1	108.7	82.2	80.8	87.5
All ages	10.3	9.7	10.9	9.8	9.0	10.2
PERSON						
0—4	32.3	32.2	32.2	31.4	27.3	31.7
5—9	3.2	2.7	2.6	2.8	2.6	2.7
10—14	1.6	1.4	1.2	1.4	1.1	1.3
15—19	2.1	1.6	1.6	1.8	1.8	1.7
20—24	2.3	2.2	2.2	2.5	2.1	2.3
25—29	2.7	2.6	2.5	2.3	1.9	2.4
30—34	3.4	3.1	3.9	3.0	2.9	3.1
35—39	4.0	4.4	4.0	4.4	5.0	5.0
40—44	5.5	5.6	6.2	5.6	5.1	6.2
45—49	8.1	8.0	9.5	9.8	8.6	10.6
50—54	13.1	13.6	17.3	12.0	14.0	11.9
55—59	17.4	19.4	20.8	19.3	19.0	23.5
60—64	34.1	30.9	36.8	29.9	30.5	38.0
65—69	41.4	42.8	46.9	41.9	43.3	48.0
70 & over	97.1	91.5	106.9	86.4	86.1	90.5
All ages	10.2	9.7	10.3	9.6	9.2	10.2

TABLE 4—Concl'd.

COMBINED

Age-groups	1970	1971	1972	1973	1974	1975
MALE						
0—4	51.7	49.2	53.2	48.9	47.0	52.4
5—9	4.6	4.5	5.0	4.8	4.1	4.4
10—14	2.0	2.1	1.9	2.3	1.8	2.0
15—19	2.5	1.9	2.4	2.2	2.3	2.1
20—24	2.9	3.0	2.9	2.9	2.7	2.6
25—29	3.3	3.0	3.4	2.9	2.8	3.1
30—34	4.0	3.9	4.1	4.5	3.5	4.1
35—39	4.7	5.5	5.4	5.3	5.7	6.8
40—44	8.0	7.4	8.6	7.6	7.2	8.2
45—49	11.9	10.5	12.2	12.0	11.9	13.2
50—54	17.9	19.0	19.1	17.2	16.9	15.0
55—59	25.5	24.6	27.5	26.0	27.2	28.7
60—64	42.7	37.0	43.3	42.6	37.7	39.6
65—69	53.6	53.8	61.9	55.8	57.2	59.0
70 & over	117.1	110.3	128.8	112.4	106.0	120.3
All ages	15.8	14.7	16.3	15.1	14.3	15.5
FEMALE						
0—4	55.1	54.8	61.7	56.0	53.4	57.7
5—9	5.0	4.9	5.6	5.4	5.3	5.2
10—14	2.4	2.1	2.6	2.4	2.0	2.2
15—19	3.7	3.0	3.5	3.4	3.4	3.8
20—24	4.6	4.3	5.2	4.7	4.1	4.7
25—29	4.9	4.3	4.9	4.9	4.3	4.4
30—34	5.2	5.2	6.2	5.7	4.5	5.3
35—39	5.7	6.0	5.9	5.7	5.3	6.2
40—44	5.9	6.0	7.6	6.5	6.1	6.8
45—49	8.0	8.5	10.1	8.8	10.2	9.6
50—54	12.9	14.3	16.2	12.6	13.8	14.6
55—59	16.5	17.5	23.1	19.9	18.0	23.6
60—64	31.4	32.7	40.2	33.4	31.7	33.3
65—69	41.5	42.9	58.4	52.1	49.0	53.7
70 & over	104.0	108.5	129.0	106.0	97.0	106.4
All ages	15.6	15.4	18.1	16.0	15.0	16.3
PERSON						
0—4	53.0	51.9	57.3	52.3	50.0	55.0
5—9	4.8	4.7	5.3	5.1	4.7	4.8
10—14	2.1	2.0	2.2	2.4	1.9	2.1
15—19	2.9	2.4	2.9	2.8	2.8	2.9
20—24	3.6	3.6	4.0	3.8	3.4	3.5
25—29	3.9	3.7	4.2	3.9	3.5	3.8
30—34	4.5	4.6	5.1	5.1	4.0	4.7
35—39	5.1	5.7	5.7	5.5	5.5	6.5
40—44	7.3	6.7	8.2	7.1	6.6	7.5
45—49	10.5	9.5	11.2	10.5	11.1	11.5
50—54	16.0	16.8	17.7	15.0	15.5	14.9
55—59	22.2	21.2	25.4	23.1	23.2	26.3
60—64	38.2	34.9	41.8	38.3	34.8	38.5
65—69	49.0	48.4	60.2	54.0	53.2	56.3
70 & over	111.7	109.3	128.9	109.2	101.5	113.2
All ages	15.7	14.9	16.9	15.5	14.5	15.9

TABLE 5

Per cent distribution of sample births by type of medical attention at birth, 1970-75

Year	Type of medical attention at birth			
	I	T	U	O
RURAL				
1970 . . .	4.2	8.1	61.8	25.9
1971 . . .	7.8	11.3	53.1	27.8
1972 . . .	7.3	11.5	56.3	24.9
1973 . . .	7.9	10.8	56.5	24.8
1974 . . .	8.3	11.9	57.2	22.6
1975 . . .	8.4	12.4	56.4	22.8
URBAN				
1970 . . .	28.3	21.5	37.0	13.2
1971 . . .	32.1	24.5	31.0	12.4
1972 . . .	31.0	24.2	33.3	11.5
1973 . . .	33.1	25.2	32.7	9.0
1974 . . .	34.3	24.8	30.9	10.0
1975 . . .	34.4	26.2	30.3	9.1
COMBINED				
1970 . . .	10.3	11.4	55.6	22.7
1971 . . .	13.7	14.5	47.7	24.1
1972 . . .	13.1	14.6	50.7	21.6
1973 . . .	14.3	14.4	50.5	20.8
1974 . . .	14.7	15.1	50.7	19.5
1975 . . .	14.7	15.8	50.1	19.4

I : Institutions like hospitals, maternity/nursing homes, health centres, etc.

T : Delivery conducted in the home by doctor, trained dai, trained mid-wife, trained nurse, etc.

U : Delivery conducted in the home by untrained village dai or other untrained professional functionary.

O : Delivery conducted in the home by relation and others excluding the above.

TABLE 6

Per cent distribution of sample deaths by type of medical attention at death, 1970-75

Year	Type of medical attention at death			
	I	M	U	N
RURAL				
1970 . . .	6.2	17.5	30.6	45.7
1971 . . .	7.8	22.3	29.0	40.9
1972 . . .	5.8	21.8	31.6	40.8
1973 . . .	6.8	20.7	33.2	39.3
1974 . . .	7.9	21.7	32.9	37.5
1975 . . .	7.2	23.7	33.0	36.1
URBAN				
1970 . . .	17.4	42.5	10.8	29.3
1971 . . .	15.6	47.8	10.0	26.6
1972 . . .	15.4	44.5	12.6	27.5
1973 . . .	15.7	48.5	11.2	24.6
1974 . . .	16.2	48.3	11.1	24.4
1975 . . .	15.0	50.7	10.4	23.9
COMBINED				
1970 . . .	8.5	22.7	26.5	42.3
1971 . . .	9.3	27.3	25.3	38.1
1972 . . .	7.6	26.2	28.0	38.2
1973 . . .	8.5	26.1	28.9	36.5
1974 . . .	9.5	26.9	28.7	34.9
1975 . . .	8.8	29.2	28.4	33.6

I : If the death occurred in a hospital, dispensary, health centre, other medical institution, etc.

M : If the death occurred at home but was attended by a qualified practitioner.

U : If the death occurred at home and was attended by an unqualified practitioner.

N : No professional doctor/hakim/vaidya attended.

ANDHRA PRADESH

TABLE 1

Per cent distribution of estimated population by age-groups
and sex, 1970-75

RURAL

Age-groups	1970	1971	1972	1973	1974	1975
MALE						
0-4	15.55	13.91	14.49	14.07	12.73	12.97
5-9	13.83	14.20	13.60	13.34	13.32	13.03
10-14	12.00	12.01	12.87	12.80	13.05	12.69
15-19	8.34	10.13	9.78	10.23	10.31	11.19
20-24	7.16	7.11	7.65	7.46	8.44	7.93
25-29	6.86	6.98	6.61	6.40	6.15	6.95
30-34	6.88	6.61	6.71	6.28	6.23	5.76
35-39	6.15	6.36	6.03	6.08	6.00	6.40
40-44	6.17	5.82	5.96	6.89	5.83	5.21
45-49	4.68	4.88	4.65	4.87	5.07	5.40
50-54	4.37	4.28	4.32	4.25	4.25	3.84
55-59	2.58	2.52	2.32	3.00	3.27	3.50
60-64	2.63	2.53	2.50	2.19	2.09	1.91
65-69	1.17	1.19	1.13	1.63	1.72	1.76
70 & over	1.63	1.47	1.38	1.51	1.54	1.46
All ages	100.00	100.00	100.00	100.00	100.00	100.00

FEMALE

0-4	15.78	13.96	14.45	14.11	13.01	13.17
5-9	13.48	14.03	13.62	13.43	13.34	13.03
10-14	11.73	12.17	12.58	12.48	12.58	12.52
15-19	8.03	8.95	8.71	9.30	9.85	10.72
20-24	7.63	7.57	8.22	7.51	7.83	7.27
25-29	7.39	7.54	7.15	6.85	6.37	7.09
30-34	7.45	7.39	7.52	7.12	7.22	6.41
35-39	5.95	6.08	5.73	6.05	6.19	6.88
40-44	5.94	5.81	6.01	5.85	5.76	5.07
45-49	4.08	4.08	3.91	4.37	4.80	5.28
50-54	4.22	4.07	4.10	3.91	3.77	3.35
55-59	2.46	2.51	2.36	3.01	3.21	3.42
60-64	2.84	2.81	2.79	2.37	2.28	2.02
65-69	1.25	1.31	1.23	1.84	1.99	2.05
70 & over	1.77	1.72	1.61	1.80	1.80	1.72
All ages	100.00	100.00	100.00	100.00	100.00	100.00

PERSON

0-4	15.66	13.93	14.47	14.09	12.87	13.07
5-9	13.66	14.12	13.61	13.39	13.33	13.03
10-14	11.87	12.09	12.72	12.64	12.81	12.61
15-19	8.19	9.54	9.25	9.77	10.09	10.96
20-24	7.39	7.34	7.95	7.48	8.14	7.60
25-29	7.13	7.26	6.88	6.62	6.26	7.02
30-34	7.17	7.00	7.12	6.70	6.72	6.09
35-39	6.05	6.22	5.88	6.06	6.09	6.63
40-44	6.05	5.82	5.98	5.87	5.79	5.14
45-49	4.38	4.48	4.28	4.62	4.94	5.34
50-54	4.29	4.18	4.21	4.09	4.01	3.60
55-59	2.52	2.51	2.34	3.00	3.24	3.46
60-64	2.73	2.67	2.64	2.28	2.19	1.96
65-69	1.21	1.25	1.18	1.74	1.86	1.90
70 & over	1.70	1.60	1.49	1.65	1.66	1.59
All ages	100.00	100.00	100.00	100.00	100.00	100.00

TABLE 1—Contd.

URBAN

Age-groups	1970	1971	1972	1973	1974	1975
MALE						
0-4	14.31	11.79	12.20	12.17	12.38	12.55
5-9	14.10	13.92	13.94	13.63	12.91	12.80
10-14	12.68	13.70	12.76	13.20	12.99	12.95
15-19	10.52	9.85	11.17	10.79	11.24	10.96
20-24	8.32	9.93	9.38	10.07	9.81	9.94
25-29	7.43	7.56	8.38	8.07	7.99	8.21
30-34	6.53	7.30	6.94	7.27	6.92	7.15
35-39	6.42	5.80	6.04	5.65	5.67	5.65
40-44	5.64	6.37	5.70	5.95	5.63	5.51
45-49	4.11	3.66	3.90	3.81	4.14	4.28
50-54	3.66	4.00	3.62	3.68	3.56	3.43
55-59	1.81	1.81	1.97	1.78	2.53	2.55
60-64	2.30	2.18	2.04	2.08	1.68	1.69
65-69	0.83	0.84	0.81	0.81	1.34	1.17
70 & over	1.34	1.29	1.15	1.04	1.21	1.16
All ages	100.00	100.00	100.00	100.00	100.00	100.00

FEMALE

0-4	14.32	11.62	11.90	11.72	11.59	11.96
5-9	14.23	14.20	14.05	13.61	13.30	12.97
10-14	11.88	12.91	12.59	13.38	12.89	12.99
15-19	9.79	9.83	10.72	10.90	11.62	11.03
20-24	8.36	9.80	9.43	9.58	8.91	9.49
25-29	3.06	7.76	8.38	8.03	7.93	7.94
30-34	6.59	7.67	6.94	6.96	6.53	6.53
35-39	6.20	5.73	6.10	5.93	5.95	5.87
40-44	4.74	5.26	4.90	5.17	5.23	5.38
45-49	3.85	3.61	3.97	3.76	3.93	3.95
50-54	3.94	3.91	3.51	3.57	3.47	3.55
55-59	2.10	1.92	2.11	2.13	2.85	2.80
60-64	2.84	2.88	2.68	2.65	2.11	2.11
65-69	1.12	1.06	1.05	1.02	1.82	1.69
70 & over	1.87	1.84	1.67	1.59	1.87	1.74
All ages	100.00	100.00	100.00	100.00	100.00	100.00

PERSON

0-4	14.31	11.70	12.05	11.95	11.99	12.26
5-9	14.17	14.06	13.99	13.62	13.10	12.88
10-14	12.29	13.31	12.68	13.29	12.94	12.97
15-19	10.16	9.84	0.95	10.84	11.43	11.00
20-24	8.34	9.87	9.41	9.83	9.37	9.71
25-29	7.74	7.66	8.38	8.05	7.96	8.08
30-34	6.61	7.48	6.94	7.12	6.73	6.84
35-39	6.32	5.76	6.07	5.79	5.81	5.76
40-44	5.19	5.82	5.30	5.57	5.43	5.45
45-49	3.98	3.64	3.91	3.79	4.03	4.12
50-54	3.80	3.96	3.57	3.63	3.52	3.49
55-59	1.95	1.87	2.04	1.95	2.69	2.67
60-64	2.57	2.52	2.35	2.36	1.89	1.90
65-69	0.97	0.95	0.93	0.91	1.57	1.43
60 & over	1.60	1.56	1.40	1.31	1.54	1.44
All ages	100.00	100.00	100.00	100.00	100.00	100.00

TABLE 1—*Contd.*

COMBINED						
Age-groups	1970	1971	1972	1973	1974	1975
MALE						
0—4	15.34	13.55	14.11	13.74	12.67	12.90
5—9	13.88	14.16	13.66	13.39	13.25	12.99
10—14	12.11	12.30	12.85	12.87	13.04	12.74
15—19	8.71	10.08	10.02	10.32	10.48	11.15
20—24	7.35	7.58	7.95	7.91	8.68	8.28
25—29	6.96	7.08	6.91	6.69	6.47	7.18
30—34	6.82	6.73	6.75	6.45	6.35	6.01
35—39	6.20	6.27	6.03	6.01	5.94	6.26
40—44	6.08	5.91	5.92	5.90	5.79	5.26
45—49	4.58	4.67	4.52	4.69	4.91	5.20
50—54	4.25	4.23	4.20	4.15	4.12	3.77
55—59	2.45	2.40	2.26	2.79	3.14	3.33
60—64	2.58	2.47	2.41	2.17	2.02	1.87
65—69	1.11	1.13	1.07	1.49	1.66	1.66
70 & over	1.58	1.44	1.34	1.43	1.48	1.40
All ages	100.00	100.00	100.00	100.00	100.00	100.00
FEMALE						
0—4	15.53	13.57	14.02	13.70	12.76	12.96
5—9	13.61	14.06	13.69	13.46	13.33	13.02
10—14	11.76	12.29	12.58	12.63	12.63	12.60
15—19	8.33	9.09	9.05	9.57	10.16	10.78
20—24	7.76	7.95	8.43	7.86	8.02	7.66
25—29	7.50	7.57	7.36	7.05	6.64	7.24
30—34	7.32	7.44	7.43	7.10	7.10	6.44
35—39	5.99	6.02	5.79	6.03	6.15	6.70
40—44	5.74	5.72	5.82	5.74	5.67	5.12
45—49	4.04	4.00	3.92	4.27	4.65	5.05
50—54	4.17	4.05	4.00	3.85	3.72	3.38
55—59	2.40	2.41	2.32	2.86	3.15	3.31
60—64	2.84	2.82	2.77	2.42	2.25	2.04
65—69	1.22	1.27	1.20	1.70	1.96	1.98
70 & over	1.79	1.74	1.62	1.76	1.81	1.72
All ages	100.00	100.00	100.00	100.00	100.00	100.00
PERSON						
0—4	15.43	13.56	14.06	13.72	12.72	12.98
5—9	13.74	14.11	13.68	13.43	13.29	13.00
10—14	11.94	12.29	12.72	12.75	12.84	12.67
15—19	8.52	9.59	9.53	9.95	10.32	10.97
20—24	7.55	7.77	8.18	7.89	8.35	7.97
25—29	7.23	7.32	7.14	6.87	6.55	7.21
30—34	7.07	7.08	7.09	6.77	6.72	6.22
35—39	6.09	6.14	5.91	6.02	6.04	6.48
40—44	5.91	5.82	5.87	5.82	5.73	5.19
45—49	4.31	4.34	4.23	4.48	4.78	5.11
50—54	4.21	4.14	4.11	4.00	3.92	3.58
55—59	2.42	2.40	2.29	2.83	3.15	3.32
60—64	2.72	2.65	2.59	2.29	2.14	1.95
65—69	1.18	1.20	1.13	1.59	1.81	1.82
70 & over	1.68	1.59	1.48	1.59	1.64	1.56
All ages	100.00	100.00	100.00	100.00	100.00	100.00

TABLE 2

Estimated age-specific fertility rates and other fertility indicators, 1970-75

Age-groups	1970	1971	1972	1973	1974	1975
RURAL						
15—19	159.0	148.9	156.2	143.9	147.8	156.1
20—24	251.0	253.7	248.1	230.1	259.0	271.4
25—29	229.5	220.7	226.2	201.2	242.2	216.3
30—34	179.6	168.8	150.3	149.2	158.5	161.5
35—39	110.2	103.7	115.1	90.1	90.4	94.2
40—44	46.1	46.6	39.6	38.2	41.1	48.2
45—49	15.7	15.2	15.0	11.6	12.5	11.2
Crude birth rate	35.8	35.6	35.7	31.7	35.2	35.9
General fertility rate	155.5	151.3	151.3	135.3	147.7	148.6
Total fertility rate	5.0	4.8	4.8	4.3	4.8	4.8
Gross reproduction rate	2.4	2.3	2.3	2.1	2.3	2.3
URBAN						
15—19	121.3	100.5	104.2	101.4	89.8	94.9
20—24	254.4	210.4	238.1	223.7	251.1	222.7
25—29	219.7	192.1	245.4	188.6	218.6	198.0
30—34	141.7	131.5	172.9	114.2	135.8	122.1
35—39	93.7	82.1	88.1	69.4	74.4	62.0
40—44	22.9	28.3	24.6	32.8	26.5	27.7
45—49	10.6	12.3	19.0	14.5	6.7	4.3
Crude birth rate	33.8	31.3	36.7	31.2	32.2	30.1
General fertility rate	141.8	125.1	145.8	123.1	129.9	120.7
Total fertility rate	4.3	3.8	4.4	3.7	4.0	3.6
Gross reproduction rate	2.0	1.9	2.2	1.8	2.0	1.8
COMBINED						
15—19	152.1	140.1	145.9	135.7	136.2	145.0
20—24	251.6	244.8	246.2	228.8	257.4	260.8
25—29	227.7	215.8	229.9	198.8	237.2	212.8
30—34	173.7	162.4	153.8	143.4	154.8	154.4
35—39	107.4	100.3	110.3	86.6	87.6	89.2
40—44	42.9	43.8	37.5	37.0	38.7	44.4
45—49	14.9	14.7	15.7	12.1	11.6	10.2
Crude birth rate	35.4	34.8	35.8	31.6	34.6	34.9
General fertility rate	153.2	146.8	150.3	133.1	144.5	143.6
Total fertility rate	4.8	4.6	4.7	4.2	4.6	4.6
Gross reproduction rate	2.4	2.3	2.3	2.1	2.3	2.3

TABLE 3
Mortality indicators, 1970-75

Year	Crude death rate	Infant mortality rate	Neo-natal mortality rate	Post-natal mortality rate	Peri-natal mortality rate	Still birth rate
RURAL						
1970	16.8	122	71.1	50.9	73.5	25.2
1971	15.7	115	70.2	44.8	75.5	27.1
1972	17.0	128	72.0	56.0	64.7	20.0
1973	18.0	115	70.4	44.6	70.9	21.0
1974	16.5	120	81.0	39.0	74.8	20.1
1975	16.3	130	86.6	43.4	76.5	15.9
URBAN						
1970	11.4	79	38.0	41.0	46.5	17.2
1971	9.1	65	39.3	25.7	44.0	12.7
1972	11.6	65	38.7	26.3	49.6	13.6
1973	10.1	61	26.7	34.3	36.0	14.8
1974	10.0	70	42.1	27.9	41.2	11.5
1975	10.4	81	51.8	29.2	55.5	13.7
COMBINED						
1970	15.8	113	65.9	47.1	69.2	23.9
1971	14.6	106	65.6	40.4	70.9	25.0
1972	16.1	116	66.3	49.7	62.2	18.9
1973	16.6	105	63.1	41.9	65.1	20.0
1974	15.3	111	74.6	36.4	69.4	18.7
1975	15.2	123	81.3	41.7	73.3	15.5

TABLE 4
Estimated age-specific death rates by sex, 1970-75

Age-groups	RURAL					
	1970	1971	1972	1973	1974	1975
MALE						
0-4	49.0	48.3	49.5	49.2	58.9	52.8
5-9	5.3	5.2	6.1	9.2	5.6	4.6
10-14	1.9	2.4	3.1	1.8	1.6	2.0
15-19	2.8	2.3	3.3	2.4	3.4	2.7
20-24	4.5	4.2	3.1	4.2	2.6	4.0
25-29	6.3	8.2	8.1	5.8	4.9	4.5
30-34	4.7	4.5	6.0	5.1	6.8	5.9
35-39	7.5	6.4	7.0	7.7	5.6	8.2
40-44	11.1	10.1	9.0	12.6	9.9	9.0
45-49	12.3	13.0	12.3	17.9	13.4	11.9
50-54	20.2	26.2	22.5	20.7	17.5	20.6
55-59	31.4	30.9	39.9	33.0	30.1	30.7
60-64	46.7	41.6	40.2	51.9	48.9	53.5
65-69	60.6	66.8	85.5	73.1	51.7	54.0
70 & over	120.5	130.3	149.6	151.1	113.6	129.2
All ages	17.2	16.2	17.3	18.2	16.8	15.3
FEMALE						
0-4	45.6	47.5	27.5	50.9	55.3	53.5
5-9	7.4	5.2	4.8	6.4	5.4	6.3
10-14	3.1	2.9	2.6	2.8	3.2	2.9
15-19	4.9	2.0	5.9	7.0	4.4	4.5
20-24	4.7	4.0	8.0	5.9	5.7	4.3
25-29	3.9	3.9	7.1	8.1	5.5	4.0
30-34	4.9	6.2	7.9	5.8	5.2	6.0
35-39	6.9	5.4	6.5	12.6	5.5	6.8
40-44	10.6	7.3	7.7	7.7	7.6	7.0
45-49	10.3	12.4	8.4	12.6	10.1	12.9
50-54	17.4	13.3	19.2	13.3	16.1	19.9
55-59	22.9	21.0	24.3	26.8	20.1	24.4
60-64	37.3	43.7	46.6	50.8	41.7	38.6
65-69	51.9	45.3	61.5	61.3	53.2	58.1
70 & over	124.5	126.2	140.4	149.8	108.8	114.7
All ages	16.6	15.3	17.1	18.0	16.2	16.6
PERSON						
0-4	47.3	47.9	49.0	50.0	57.1	53.2
5-9	6.4	5.2	5.5	7.8	5.4	5.4
10-14	2.5	2.7	2.8	2.3	2.4	2.4
15-19	3.8	2.2	4.5	4.6	3.9	3.5
20-24	4.6	4.1	5.6	5.1	4.1	4.8
25-29	5.0	6.0	7.6	7.0	5.2	4.2
30-34	4.8	5.4	7.0	5.5	5.9	5.9
35-39	7.2	5.9	6.7	10.1	5.6	7.4
40-44	10.9	8.7	8.3	10.2	8.8	8.0
45-49	11.4	12.7	10.5	15.4	11.8	12.4
50-54	18.8	19.9	20.9	17.2	16.9	20.3
55-59	27.3	26.0	32.1	29.9	25.2	27.6
60-64	41.9	42.7	43.5	51.4	45.2	45.9
65-69	56.2	55.6	73.0	66.9	52.5	56.2
70 & over	122.5	128.1	144.7	150.4	111.0	121.4
All ages	16.8	15.7	17.0	18.0	16.5	16.3

TABLE 4—*Contd.*

URBAN						
Age-groups	1970	1971	1972	1973	1974	1975
MALE						
0—4	31.3	23.6	29.2	27.2	27.2	29.7
5—9	2.8	4.0	3.4	3.3	3.8	1.8
10—14	2.6	1.8	1.7	2.1	1.0	1.5
15—19	2.5	1.1	2.5	0.8	0.9	1.5
20—24	3.6	0.8	0.6	0.7	3.4	3.2
25—29	4.6	1.1	3.4	3.8	1.1	1.9
30—34	3.3	2.0	3.0	6.5	1.0	1.8
35—39	4.3	6.3	4.9	7.0	11.2	8.2
40—44	6.8	9.4	13.3	7.8	4.0	7.3
45—49	13.4	15.2	10.9	14.7	8.5	6.2
50—54	19.4	28.3	22.2	22.7	13.9	25.3
55—59	7.8	25.2	13.7	49.9	35.9	31.5
60—64	64.0	32.9	43.7	37.1	47.6	50.5
65—69	61.2	49.4	51.3	52.8	78.3	73.1
70 & over	131.7	114.4	140.1	93.1	89.9	125.3
All ages	12.1	9.7	11.8	10.3	10.2	10.9
FEMALE						
0—4	26.1	23.2	31.2	26.7	27.1	31.3
5—9	4.5	1.3	2.3	5.1	3.3	1.1
10—14	1.6	0.9	0.6	1.1	1.5	1.5
15—19	2.8	6.8	1.9	6.2	1.4	2.0
20—24	2.3	3.8	2.6	2.3	3.2	2.1
25—29	4.5	1.9	3.0	3.7	3.4	2.2
30—34	4.4	3.4	3.4	2.8	1.5	3.9
35—39	6.2	3.2	4.3	4.5	5.6	1.3
40—44	9.4	3.9	4.5	3.9	5.8	3.3
45—49	4.9	12.3	8.6	8.3	5.9	10.3
50—54	8.0	19.2	18.5	14.2	13.6	11.6
55—59	15.9	14.3	26.5	12.5	19.2	18.5
60—64	24.9	27.1	29.3	27.0	35.3	34.6
65—69	25.0	20.7	68.3	75.0	42.4	49.3
70 & over	89.8	74.8	117.2	78.1	92.8	105.9
All ages	10.0	8.7	10.8	9.6	9.7	9.9
PERSON						
0—4	28.7	23.4	30.5	26.9	27.2	30.5
5—9	3.1	2.6	2.9	4.2	3.6	1.5
10—14	2.1	1.3	1.2	1.6	1.3	1.5
15—19	2.6	1.0	2.2	3.5	1.1	1.7
20—24	3.0	2.3	1.6	1.5	3.3	2.7
25—29	4.6	1.5	3.2	3.7	2.3	2.0
30—34	3.8	2.7	5.7	4.7	1.9	2.8
35—39	5.2	4.8	4.6	5.7	8.4	4.7
40—44	8.0	7.0	9.3	6.0	4.9	5.3
45—49	9.4	13.8	9.7	11.6	7.3	8.2
50—54	13.5	23.8	20.4	18.6	13.8	18.4
55—59	12.1	19.6	20.3	29.6	27.2	24.8
60—64	42.6	29.6	35.6	31.5	40.8	41.7
65—69	40.6	33.6	63.4	65.1	57.8	59.1
70 & over	107.6	91.3	126.7	84.1	91.7	113.7
All ages	11.4	9.1	11.6	10.1	10.0	10.4

TABLE 4—*Concl.*

COMBINED						
Age-groups	1970	1971	1972	1973	1974	1975
MALE						
0—4	46.2	44.7	46.6	45.9	53.5	48.8
5—9	4.9	5.0	5.6	8.2	5.3	4.1
10—14	2.0	2.3	2.8	1.8	1.5	1.9
15—19	2.7	2.1	3.1	2.1	2.9	2.5
20—24	4.3	3.5	2.6	3.5	2.8	3.9
25—29	6.0	6.9	7.1	5.4	4.1	4.0
30—34	4.4	4.1	6.4	5.4	5.9	5.1
35—39	7.0	6.4	6.6	7.6	6.5	8.2
40—44	10.5	10.0	9.7	11.7	8.9	8.7
45—49	12.5	13.3	12.1	17.5	12.7	11.0
50—54	20.1	26.6	22.5	21.0	17.0	21.3
55—59	28.5	30.2	36.0	34.9	31.0	30.8
60—64	49.3	40.3	40.7	49.5	48.7	53.0
65—69	60.7	64.6	81.8	71.2	55.5	56.4
70 & over	122.1	127.9	148.2	143.9	110.2	128.6
All ages	16.3	15.3	16.3	16.8	15.6	15.2
FEMALE						
0—4	42.6	44.0	45.9	47.3	50.8	49.9
5—9	6.9	4.5	4.4	6.2	5.0	5.4
10—14	2.9	2.6	2.3	2.5	2.9	2.6
15—19	4.5	1.8	5.1	6.8	3.8	4.0
20—24	4.3	4.0	7.0	5.2	5.2	3.8
25—29	4.0	3.5	6.3	7.3	5.0	3.6
30—34	4.8	5.8	7.2	5.3	4.6	5.6
35—39	6.8	5.0	6.1	11.3	5.6	5.9
40—44	10.4	6.8	7.2	7.1	7.3	6.4
45—49	9.4	12.4	8.5	11.9	9.4	12.5
50—54	15.9	14.2	19.1	13.4	15.7	18.4
55—59	21.8	20.1	24.7	25.0	20.0	23.6
60—64	35.2	40.9	43.8	46.4	40.6	37.9
65—69	47.7	41.9	62.5	62.7	51.4	56.8
70 & over	118.4	117.4	136.4	138.8	105.9	119.1
All ages	15.7	14.0	16.0	16.4	15.2	15.2
PERSON						
0—4	44.4	44.4	46.3	46.6	52.1	49.4
5—9	5.9	4.7	5.0	7.2	5.2	4.7
10—14	2.4	2.4	2.6	2.2	2.2	2.3
15—19	3.6	2.0	4.1	4.4	3.4	3.2
20—24	4.3	3.7	4.8	4.3	3.9	3.8
25—29	5.0	5.2	6.7	6.3	4.6	3.8
30—34	4.6	4.9	6.8	5.4	5.2	5.3
35—39	6.9	5.7	6.4	9.4	6.0	6.8
40—44	10.4	8.4	8.5	9.5	8.1	7.5
45—49	11.1	12.9	10.4	14.9	11.1	11.8
50—54	18.0	20.6	20.8	17.4	16.4	19.9
55—59	25.2	25.2	30.3	29.9	25.5	27.2
60—64	42.0	40.6	42.3	47.9	44.5	45.2
65—69	54.0	52.7	71.7	66.7	53.3	56.6
70 & over	120.1	122.0	141.8	141.1	107.8	120.1
All ages	15.8	14.6	16.1	16.6	15.3	15.2

TABLE 5

Per cent distribution of sample births by type of medical attention at birth, 1970-75

Year	Type of medical attention at birth			
	I	T	U	O
RURAL				
1970 . . .	4.2	6.8	67.0	22.0
1971 . . .	5.0	9.1	65.3	20.6
1972 . . .	4.8	6.5	67.3	21.4
1973 . . .	5.0	5.9	70.7	18.4
1974 . . .	6.3	6.7	65.4	21.6
1975 . . .	5.9	9.5	62.7	21.9
URBAN				
1970 . . .	37.8	20.3	32.6	9.3
1971 . . .	35.1	24.3	31.2	9.4
1972 . . .	35.2	25.9	30.8	8.1
1973 . . .	34.7	28.8	30.7	5.8
1974 . . .	38.9	25.1	31.3	4.7
1975 . . .	42.0	24.1	29.0	4.9
COMBINED				
1970 . . .	10.2	9.3	60.8	19.7
1971 . . .	10.2	11.8	59.4	18.6
1972 . . .	10.3	10.1	60.6	19.0
1973 . . .	10.5	10.1	63.3	16.1
1974 . . .	12.1	10.0	59.4	18.5
1975 . . .	12.2	12.0	56.8	19.0

I : Institutions like hospitals, maternity/nursing homes, health centres, etc.

T : Delivery conducted in the home by doctor, trained dai, trained mid-wife, trained nurse, etc.

U : Delivery conducted in the home by untrained village dai or other untrained professional functionary.

O : Delivery conducted in the home by relation and others excluding the above.

TABLE 6

Per cent distribution of sample deaths by type of medical attention at death, 1970-75

Year	Type of medical attention at death			
	I	M	U	N
RURAL				
1970 . . .	4.9	4.8	28.0	62.3
1971 . . .	3.7	10.1	36.3	49.9
1972 . . .	3.1	7.6	42.4	46.9
1973 . . .	6.4	6.2	39.2	48.2
1974 . . .	16.6	1.6	32.0	49.8
1975 . . .	6.5	10.8	33.1	49.6
URBAN				
1970 . . .	18.8	33.6	9.1	38.5
1971 . . .	17.5	38.7	7.3	36.5
1972 . . .	17.8	28.6	9.1	44.5
1973 . . .	13.6	31.8	9.7	44.9
1974 . . .	14.9	31.3	4.8	49.0
1975 . . .	17.4	25.5	4.5	52.6
COMBINED				
1970 . . .	6.7	8.7	25.5	59.1
1971 . . .	5.3	13.7	32.7	48.3
1972 . . .	5.0	10.3	38.1	46.6
1973 . . .	7.3	9.4	35.5	47.8
1974 . . .	16.4	5.4	28.5	49.7
1975 . . .	8.0	12.8	29.2	50.0

I : If the death occurred in a hospital, dispensary, health centre, other medical institution, etc.

M : If the death occurred at home but was attended by a qualified practitioner.

U : If the death occurred at home and was attended by an unqualified practitioner.

N : No professional doctor/hakim/ vaidya attended.

ASSAM

TABLE 1—*Concl'd.*

COMBINED

Age-groups	1970	1971	1972	1973	1974	1975
MALE						
0—4	16.81	16.94	14.92	13.53	13.13	13.43
5—9	16.50	15.91	15.93	15.62	15.63	14.91
10—14	12.52	12.92	14.61	15.02	14.71	14.61
15—19	8.72	8.90	9.40	10.12	10.60	11.27
20—24	7.10	7.19	7.13	7.57	7.49	8.26
25—29	7.48	7.01	6.74	6.41	6.69	6.15
30—34	6.39	6.35	6.45	6.45	6.27	6.48
35—39	5.96	5.78	5.71	5.75	5.99	5.83
40—44	4.97	4.91	4.89	5.27	5.14	5.05
45—49	3.75	3.91	4.16	4.11	4.23	4.24
50—54	3.30	3.28	3.17	3.25	3.23	3.24
55—59	2.15	2.23	2.53	2.43	2.56	2.36
60—64	2.07	2.05	1.78	1.86	1.79	1.71
65—69	0.94	1.02	1.22	1.27	1.21	1.22
70 & over	1.34	1.40	1.36	1.34	1.33	1.24
All ages	100.00	100.00	100.00	100.00	100.00	100.00
FEMALE						
0—4	18.24	17.81	15.40	14.17	14.22	13.94
5—9	17.77	17.19	17.00	16.77	16.39	15.53
10—14	12.58	13.34	14.70	14.93	14.88	15.18
15—19	9.36	9.28	10.16	10.75	11.15	11.60
20—24	8.21	8.29	8.53	8.72	8.74	9.66
25—29	7.59	7.42	7.08	6.89	7.04	6.63
30—34	6.28	6.39	6.58	6.74	6.53	6.39
35—39	5.18	4.90	5.12	5.21	5.37	5.43
40—44	3.96	4.06	4.10	4.40	4.28	4.44
45—49	3.01	3.10	3.28	3.17	3.29	3.26
50—54	2.85	2.73	2.52	2.71	2.70	2.64
55—59	1.47	1.79	1.93	1.83	1.85	1.92
60—64	1.70	1.70	1.53	1.58	1.48	1.47
65—69	0.74	0.86	1.05	1.07	1.10	1.02
70 & over	1.06	1.14	1.02	1.06	0.98	0.89
All ages	100.00	100.00	100.00	100.00	100.00	100.00
PERSON						
0—4	17.50	17.36	15.16	13.84	13.66	13.68
5—9	17.10	16.53	16.45	16.18	16.00	15.20
10—14	12.55	13.12	14.65	14.98	14.79	14.89
15—19	9.03	9.08	9.77	10.42	10.86	11.43
20—24	7.63	7.72	7.80	8.12	8.09	8.93
25—29	7.53	7.21	6.90	6.64	6.86	6.38
30—34	6.34	6.47	6.51	6.59	6.40	6.44
35—39	5.58	5.36	5.43	5.49	5.69	5.64
40—44	4.49	4.50	4.50	4.85	4.73	4.75
45—49	3.40	3.52	3.73	3.66	3.77	3.76
50—54	3.09	3.02	2.86	2.99	2.97	2.95
55—59	1.82	2.02	2.24	2.14	2.22	2.15
60—64	1.89	1.88	1.66	1.73	1.64	1.60
65—69	0.85	0.94	1.14	1.17	1.16	1.12
70 & over	1.20	1.27	1.20	1.20	1.16	1.08
All ages	100.00	100.00	100.00	100.00	100.00	100.00

TABLE 2

Estimated age-specific fertility rates and other fertility indicators, 1970-75

Age-groups	1970	1971	1972	1973	1974	1975
RURAL						
15—19	143.0	132.6	106.1	110.7	98.3	87.9
20—24	320.7	278.1	259.4	220.9	229.6	213.1
25—29	282.0	295.4	275.0	255.6	252.9	226.5
30—34	237.3	240.1	218.5	202.1	199.7	178.7
35—39	120.8	149.9	131.7	136.5	109.2	105.5
40—44	43.5	51.3	49.9	42.3	41.2	27.4
45—49	6.1	14.7	9.7	13.6	6.4	6.0
Crude birth rate	39.5	39.3	37.3	33.8	33.6	30.7
General fertility rate	192.5	189.6	169.1	156.0	150.0	135.4
Total fertility rate	5.8	5.8	5.3	4.9	4.7	4.2
Gross reproduction rate	2.8	2.7	2.6	2.5	2.2	2.0
URBAN						
15—19	54.9	57.9	50.3	55.9	51.0	39.7
20—24	246.6	224.2	196.7	206.6	189.5	147.6
25—29	266.0	254.9	222.2	213.8	186.6	224.6
30—34	157.8	180.3	161.5	140.6	132.5	124.5
35—39	111.2	105.2	78.9	76.8	69.4	54.2
40—44	28.8	30.0	23.9	24.0	16.6	17.8
45—49	4.2	7.7	1.4	3.9	2.1	5.3
Crude birth rate	32.0	31.0	27.7	27.6	24.8	23.7
General fertility rate	147.6	143.5	121.9	122.0	107.0	99.8
Total fertility rate	4.3	4.3	3.7	3.6	3.2	3.1
Gross reproduction rate	2.1	2.1	1.8	1.8	1.5	1.5
COMBINED						
15—19	135.3	126.5	101.4	106.4	94.3	84.0
20—24	313.9	273.6	254.3	219.7	226.2	207.5
25—29	280.7	292.1	270.4	251.8	246.9	226.4
30—34	230.7	235.5	214.3	197.5	194.1	174.1
35—39	120.0	146.0	127.5	131.8	105.9	101.3
40—44	42.4	49.8	47.9	40.9	39.2	26.6
45—49	6.0	14.2	9.2	13.2	6.1	5.9
Crude birth rate	38.8	38.5	36.4	33.3	32.8	30.1
General fertility rate	188.8	185.9	165.4	153.3	146.4	132.5
Total fertility rate	5.6	5.7	5.1	4.8	4.6	4.1
Gross reproduction rate	2.8	2.7	2.5	2.4	2.2	1.9

TABLE 3
Mortality indicators, 1970-75

Year	Crude death rate	Infant mortality rate	Neo-natal mortality rate	Post-natal mortality rate	Peri-natal mortality rate	Still birth rate
RURAL						
1970	16.8	138	84.4	53.6	71.2	29.0
1971	18.7	144	96.4	47.6	94.7	34.2
1972	18.6	140	77.8	62.2	84.7	33.0
1973	17.0	140	72.6	67.4	90.3	40.9
1974	17.5	138	73.7	64.3	74.9	32.6
1975	17.6	147	85.8	61.2	82.1	37.1
URBAN						
1970	10.2	78	55.7	22.3	52.9	13.0
1971	9.5	73	50.0	23.0	47.5	15.7
1972	10.0	95	47.0	48.0	56.5	23.5
1973	9.8	83	56.5	26.5	51.2	14.2
1974	9.5	113	68.3	44.7	65.1	17.1
1975	9.6	96	60.7	35.4	67.7	25.6
COMBINED						
1970	16.2	126	82.6	43.5	70.0	28.0
1971	17.8	139	93.7	45.4	91.9	33.0
1972	17.9	136	76.0	60.0	83.0	32.4
1973	16.4	136	71.6	64.5	87.9	39.3
1974	16.8	136	73.4	62.6	74.4	31.7
1975	16.9	144	84.3	59.7	81.2	36.4

TABLE 4
Estimated age-specific death rates by sex, 1970-75

Age-groups	RURAL					
	1970	1971	1972	1973	1974	1975
MALE						
0-4	45.3	50.9	60.3	53.4	55.5	51.6
5-9	4.1	6.3	5.8	9.8	7.9	7.4
10-14	3.1	1.5	2.7	3.3	2.9	3.3
15-19	2.2	1.2	3.9	3.2	3.8	2.4
20-24	3.5	2.4	3.5	2.9	2.4	2.0
25-29	1.3	3.4	6.7	6.3	1.9	4.7
30-34	4.5	5.4	4.5	3.9	5.2	4.9
35-39	2.9	9.3	6.1	7.2	8.3	7.0
40-44	11.4	12.3	12.5	8.2	15.9	14.7
45-49	22.1	17.1	18.3	10.9	14.8	26.7
50-54	24.0	18.0	23.2	24.2	37.8	39.5
55-59	47.8	36.0	42.9	30.8	46.3	38.2
60-64	86.4	47.3	76.8	48.5	57.7	58.4
65-69	69.2	73.1	75.1	60.0	76.6	68.3
70 & over	124.1	143.1	123.8	127.1	135.4	145.2
All ages	17.2	18.8	19.2	16.8	18.2	18.5
FEMALE						
0-4	45.2	43.5	56.4	54.1	51.3	48.8
5-9	5.1	8.7	5.9	8.7	7.9	5.1
10-14	3.3	4.3	4.4	4.8	5.1	3.2
15-19	3.9	5.0	8.7	5.8	6.7	5.7
20-24	9.0	7.2	4.2	4.2	6.2	4.9
25-29	5.5	7.0	8.4	7.1	4.7	8.3
30-34	10.0	11.3	7.2	12.0	6.3	9.4
35-39	9.5	5.5	7.9	3.9	9.7	10.4
40-44	10.8	9.5	12.2	10.6	7.1	13.1
45-49	15.2	17.3	19.4	12.4	33.5	7.8
50-54	13.3	20.8	17.6	22.2	18.6	36.2
55-59	40.2	21.3	51.1	44.0	39.8	33.2
60-64	48.4	42.5	45.9	49.9	66.9	45.4
65-69	99.2	86.0	49.0	70.2	90.2	84.2
70 & over	125.0	123.1	136.3	141.3	135.9	158.0
All ages	16.6	18.2	18.2	17.7	17.0	16.0
PERSON						
0-4	42.3	47.3	58.4	53.8	53.4	50.2
5-9	4.6	7.5	5.8	9.3	7.9	6.3
10-14	3.2	2.9	3.5	4.0	3.9	3.2
15-19	3.0	3.1	6.3	4.5	5.3	4.0
20-24	6.3	4.9	3.9	3.6	4.4	3.6
25-29	3.3	5.2	7.5	6.7	3.3	6.5
30-34	7.2	8.2	5.8	7.9	5.7	7.1
35-39	5.9	7.6	6.9	5.7	8.9	8.6
40-44	11.1	11.1	12.4	9.2	12.0	13.9
45-49	19.1	17.2	18.8	11.5	18.5	18.7
50-54	19.2	19.2	20.8	23.4	29.3	28.1
55-59	44.9	29.8	46.3	36.2	43.7	36.1
60-64	70.2	45.2	63.0	49.1	61.7	52.7
65-69	81.7	78.7	63.5	64.5	82.8	75.2
70 & over	124.5	134.7	128.9	133.1	135.6	150.2
All ages	16.8	18.7	18.6	17.0	17.5	17.6

TABLE 4—Contd.

URBAN

Age-groups	1970	1971	1972	1973	1974	1975
MALE						
0—4	34.9	28.3	31.1	30.7	38.1	33.2
5—9	2.5	3.9	3.1	4.0	2.1	3.6
10—14	..	0.9	1.9	0.6	0.9	0.7
15—19	0.4	0.4	1.9	2.9	1.3	2.2
20—24	4.3	0.4	1.2	0.6	1.0	2.5
25—29	0.6	0.9	3.0	1.3	3.6	1.4
30—34	0.9	1.1	2.1	6.1	0.9	2.7
35—39	4.5	7.1	1.6	4.0	2.8	5.4
40—44	7.3	16.6	11.5	7.5	6.5	12.7
45—49	16.2	6.9	12.2	14.6	10.1	16.7
50—54	22.4	17.7	16.0	16.2	2.8	13.6
55—59	16.1	31.5	34.5	29.6	31.2	23.3
60—64	56.0	32.2	66.1	24.0	54.1	51.4
65—69	58.2	52.5	52.2	37.9	52.9	46.6
70 & over	102.0	96.0	87.5	138.7	124.8	74.7
All ages	10.1	9.3	10.3	10.1	10.7	10.1
FEMALE						
0—4	29.8	25.9	30.8	24.3	34.5	26.5
5—9	2.9	1.8	2.2	4.2	3.7	3.7
10—14	2.3	0.6	2.3	1.2	0.5	2.4
15—19	4.0	1.9	0.8	2.7	0.8	0.3
20—24	1.5	4.7	4.7	2.6	1.4	1.9
25—29	6.1	4.3	1.6	1.7	1.2	5.3
30—34	4.1	5.5	3.7	5.5	6.2	5.4
35—39	5.4	7.7	7.7	12.1	5.4	3.3
40—44	10.4	..	3.1	5.4	6.8	7.9
45—49	13.6	15.9	4.2	17.0	6.0	7.9
50—54	21.9	24.6	10.7	18.8	12.5	18.2
55—59	27.1	19.4	30.1	21.8	23.6	20.7
60—64	47.2	33.8	29.8	34.4	21.6	34.7
65—69	42.9	65.6	21.4	84.3	34.2	24.8
70 & over	58.1	9.3	120.7	106.1	89.3	134.3
All ages	10.5	10.2	9.7	9.3	9.1	9.6
PERSON						
0—4	34.8	27.1	31.0	27.5	36.3	29.9
5—9	2.7	2.9	2.6	4.1	2.9	3.6
10—14	1.1	0.7	2.1	0.9	0.7	1.5
15—19	2.0	1.1	1.4	2.8	1.0	1.3
20—24	3.0	2.3	2.8	1.5	1.2	2.2
25—29	2.9	2.4	2.3	1.5	2.5	3.2
30—34	2.2	2.9	2.7	5.8	3.3	3.8
35—39	4.8	7.4	4.1	7.3	3.9	4.5
40—44	8.4	4.1	8.1	6.7	6.6	10.7
45—49	15.3	10.2	9.3	15.5	8.6	13.3
50—54	22.2	20.5	13.8	17.3	17.5	15.5
55—59	20.5	26.2	32.6	26.1	28.0	22.2
60—64	51.9	44.1	49.1	28.7	38.9	43.2
65—69	51.8	58.8	38.4	58.8	43.9	36.8
70 & over	81.5	96.6	103.7	123.1	107.9	103.3
All ages	10.2	9.5	10.0	9.8	9.5	9.6

TABLE 4—Contd.

COMBINED

Age-groups	1970	1971	1972	1973	1974	1975
MALE						
0—4	44.7	49.7	62.4	51.9	54.4	50.4
5—9	4.0	6.1	5.6	9.4	7.5	7.2
10—14	2.8	1.4	2.6	3.1	2.8	3.1
15—19	2.1	1.1	3.7	3.1	3.6	2.4
20—24	3.5	2.2	3.2	2.6	2.3	2.1
25—29	1.2	3.2	6.3	5.8	2.1	4.3
30—34	4.1	5.0	4.3	4.1	4.7	4.7
35—39	3.1	9.1	5.6	6.9	7.7	6.8
40—44	11.0	11.8	12.4	8.1	15.1	14.5
45—49	21.6	16.2	17.8	11.2	14.4	25.8
50—54	23.8	17.9	22.6	33.6	36.3	28.1
55—59	45.3	35.7	42.3	30.7	45.2	37.0
60—64	84.2	47.6	76.0	46.7	57.4	57.8
65—69	68.2	71.5	73.5	58.4	74.8	66.6
70 & over	122.3	139.5	121.0	128.1	134.5	138.9
All ages	16.6	18.1	18.4	16.2	17.6	17.8
FEMALE						
0—4	44.4	41.8	58.5	52.1	50.3	47.3
5—9	4.9	8.3	5.6	8.2	7.7	5.3
10—14	3.2	4.0	4.2	4.6	4.7	3.1
15—19	3.9	4.7	8.1	5.6	6.2	5.3
20—24	8.3	7.0	4.2	4.1	5.8	4.7
25—29	5.5	6.7	7.8	6.6	4.4	8.0
30—34	9.5	10.9	6.9	11.5	6.3	9.1
35—39	9.2	5.7	7.8	4.5	9.4	9.9
40—44	10.8	8.8	11.5	10.2	7.1	12.7
45—49	15.1	17.2	18.4	12.7	22.2	7.8
50—54	13.9	21.1	17.0	22.0	18.1	25.6
55—59	39.0	21.0	49.6	42.2	38.5	32.3
60—64	48.3	41.9	44.6	48.7	62.8	44.3
65—69	94.0	84.2	46.9	71.2	85.6	79.2
70 & over	118.6	120.5	134.7	137.8	130.7	155.0
All ages	16.0	16.7	17.6	17.1	16.3	15.5
PERSON						
0—4	44.5	45.7	60.5	52.0	52.3	48.9
5—9	4.5	7.2	5.6	8.9	7.6	6.1
10—14	3.0	2.7	3.4	3.8	3.7	3.1
15—19	3.0	2.9	5.9	4.3	4.9	3.8
20—24	6.0	4.7	3.8	3.4	4.1	3.4
25—29	3.3	4.9	7.0	6.2	3.2	6.2
30—34	6.7	7.8	5.6	7.8	5.5	6.8
35—39	5.8	7.6	6.6	5.8	8.5	8.2
40—44	10.9	10.5	12.0	9.0	11.6	13.7
45—49	18.8	16.6	18.0	11.8	17.7	18.3
50—54	19.5	19.3	20.2	22.9	28.3	27.0
55—59	42.9	29.5	45.4	35.5	42.5	35.0
60—64	68.8	45.1	62.0	47.6	59.8	51.8
65—69	78.9	77.1	61.6	64.1	79.8	72.1
70 & over	120.8	131.4	126.8	132.2	132.9	145.3
All ages	16.2	17.8	17.9	16.4	16.8	16.9

TABLE 5

Per cent distribution of sample births by type of medical attention at birth, 1970-75

Year	Type of medical attention at birth			
	I	T	U	O
RURAL				
1970	3.6	4.2	36.8	55.4
1971	1.7	6.1	25.4	66.8
1972	3.0	4.8	17.7	74.5
1973	3.9	4.1	23.2	68.8
1974	7.4	11.8	25.8	55.0
1975	5.6	9.0	24.1	61.3
URBAN				
1970	15.5	10.8	28.6	45.1
1971	13.7	22.2	26.3	37.8
1972	19.2	13.4	21.6	45.8
1973	22.1	16.1	32.3	29.5
1974	27.1	15.9	22.9	34.1
1975	23.1	22.1	21.7	33.1
COMBINED				
1970	7.0	6.1	34.5	52.4
1971	5.0	10.6	25.7	58.7
1972	7.4	7.1	18.7	66.8
1973	9.0	7.5	25.7	57.8
1974	12.8	12.9	25.0	49.3
1975	10.7	12.8	23.4	53.1

TABLE 6

Per cent distribution of sample deaths by type of medical attention at death, 1970-75

Year	Type of medical attention at death			
	I	M	U	N
RURAL				
1970	3.1	38.6	28.9	29.4
1971	1.1	45.6	22.0	31.3
1972	1.9	44.8	25.5	27.8
1973	1.5	45.5	31.4	21.6
1974	4.2	42.7	31.6	21.5
1975	2.3	52.2	6.3	39.2
URBAN				
1970	4.9	48.8	23.5	22.8
1971	8.8	60.7	11.2	19.3
1972	7.3	55.4	21.1	16.2
1973	8.1	63.2	12.2	16.5
1974	12.1	66.2	4.9	16.8
1975	10.4	60.7	4.9	24.0
COMBINED				
1970	3.5	41.1	27.6	27.8
1971	2.7	48.8	19.7	28.8
1972	3.1	47.1	24.6	25.2
1973	2.9	49.5	27.1	20.5
1974	5.9	47.8	25.8	20.5
1975	4.2	47.2	6.0	35.6

I : Institutions like hospitals, maternity/nursing homes health centres, etc.

T : Delivery conducted in the home by doctor, trained dai, trained mid-wife, trained nurse, etc.

U : Delivery conducted in the home by untrained village dai or other untrained professional functionary.

O : Delivery conducted in the home by relation and others excluding the above.

I : If the death occurred in a hospital, dispensary, health centre, other medical institution, etc.

M : If the death occurred at home but was attended by a qualified practitioner.

U : If the death occurred at home and was attended by an unqualified practitioner.

N : No professional doctor/ hakim/vaidya attended.

GUJARAT

TABLE I

Per cent distribution of estimated population by age-groups and sex, 1970-75

TABLE I—Contd.

RURAL							URBAN						
Age-groups	1970	1971	1972	1973	1974	1975	Age-groups	1970	1971	1972	1973	1974	1975
MALE							MALE						
0-4	14.78	15.49	15.75	15.13	14.88	15.04	0-4	13.26	12.62	12.77	13.24	13.10	13.03
5-9	14.86	14.93	14.51	14.26	14.46	14.33	5-9	14.77	14.37	13.74	12.78	12.07	11.82
10-14	13.74	13.81	13.82	13.64	13.53	13.24	10-14	12.81	13.50	13.26	13.58	13.26	13.48
15-19	10.84	10.69	10.62	11.51	11.22	11.61	15-19	11.00	10.48	11.21	11.27	11.70	11.70
20-24	7.77	7.70	8.07	8.06	8.77	8.80	20-24	9.18	10.08	9.60	10.13	9.99	10.15
25-29	6.67	6.45	6.34	6.82	6.47	6.78	25-29	7.48	7.06	7.84	8.01	7.88	8.02
30-34	6.55	6.42	6.44	5.89	6.27	6.05	30-34	6.66	7.32	6.69	6.65	6.15	6.23
35-39	5.73	5.69	5.60	6.00	5.70	5.81	35-39	5.96	5.71	6.14	5.84	5.68	5.93
40-44	4.69	4.71	4.79	4.69	5.04	4.77	40-44	5.02	5.21	4.90	5.01	5.32	5.14
45-49	3.88	3.77	3.84	4.01	3.74	3.96	45-49	4.26	4.11	4.38	4.17	4.21	4.27
50-54	3.43	3.45	3.35	3.09	3.31	3.07	50-54	3.43	3.64	3.43	3.37	3.72	3.59
55-59	2.65	2.64	2.65	2.81	2.55	2.52	55-59	2.21	2.02	2.29	2.20	2.60	2.56
60-64	1.92	1.79	1.82	1.68	1.82	1.81	60-64	1.85	1.88	1.77	1.84	1.72	1.70
65-69	1.24	1.26	1.28	1.32	1.22	1.21	65-69	0.94	0.87	0.92	0.92	1.35	1.26
70 & over	1.25	1.20	1.12	1.09	1.02	1.00	70 & over	1.17	1.13	1.06	0.99	1.25	1.22
All ages	100.00	100.00	100.00	100.00	100.00	100.00	All ages	100.00	100.00	100.00	100.00	100.00	100.00
FEMALE							FEMALE						
0-4	14.57	15.25	15.37	14.71	14.66	15.19	0-4	13.21	12.35	12.70	13.39	13.51	14.07
5-9	14.74	14.85	14.43	14.14	13.96	13.82	5-9	14.61	14.26	13.55	12.60	11.66	11.36
10-14	13.04	12.92	13.09	13.18	13.18	13.08	10-14	12.49	13.23	12.94	13.27	12.79	13.11
15-19	9.59	9.18	9.59	10.61	10.38	10.53	15-19	10.65	10.22	11.00	10.74	11.48	10.86
20-24	8.46	8.53	8.35	7.74	8.59	8.45	20-24	9.21	10.06	9.83	10.56	10.22	10.43
25-29	7.40	7.31	7.00	7.40	6.84	7.25	25-29	7.92	7.35	7.67	7.33	7.08	7.28
30-34	6.87	6.70	6.85	6.29	6.81	6.30	30-34	6.57	7.39	6.87	7.03	6.61	6.54
35-39	5.68	5.68	5.67	6.24	5.68	5.88	35-39	5.99	5.71	5.96	5.69	5.73	5.75
40-44	4.58	4.70	4.61	4.45	5.00	4.82	40-44	4.96	5.41	5.33	5.26	5.23	5.13
45-49	4.09	4.01	4.03	4.36	3.99	3.98	45-49	4.22	3.92	4.20	4.13	4.23	4.18
50-54	3.59	3.52	3.53	3.24	3.47	3.33	50-54	3.26	3.50	3.39	3.40	3.62	3.54
55-59	2.57	2.60	2.66	2.96	2.82	2.80	55-59	2.11	1.93	2.09	2.22	2.71	2.72
60-64	1.88	1.83	1.91	1.76	1.88	1.91	60-64	2.18	2.25	2.10	2.02	1.85	1.81
65-69	1.43	1.46	1.48	1.60	1.44	1.38	65-69	1.03	0.97	1.04	1.05	1.62	1.58
70 & over	1.51	1.46	1.43	1.32	1.30	1.28	70 & over	1.59	1.45	1.33	1.31	1.66	1.64
All ages	100.00	100.00	100.00	100.00	100.00	100.00	All ages	100.00	100.00	100.00	100.00	100.00	100.00
PERSON							PERSON						
0-4	14.68	15.38	15.57	14.92	14.78	15.12	0-4	13.24	12.49	12.74	13.32	13.30	13.53
5-9	14.80	14.89	14.48	14.20	14.22	14.08	5-9	14.69	14.31	13.65	12.70	11.88	11.60
10-14	13.40	13.37	13.46	13.42	13.36	13.16	10-14	12.66	13.37	13.10	13.43	13.04	13.30
15-19	10.23	9.95	10.11	11.07	10.81	11.08	15-19	10.83	10.36	11.11	11.02	11.60	11.29
20-24	8.11	8.11	8.21	7.91	8.67	8.63	20-24	9.19	10.07	9.71	10.34	10.10	10.28
25-29	7.03	6.87	6.66	7.10	6.65	7.01	25-29	7.69	7.19	7.76	7.68	7.49	7.66
30-34	6.71	6.55	6.64	6.09	6.53	6.17	30-34	6.62	7.35	6.78	6.83	6.37	6.38
35-39	5.70	5.69	5.63	6.12	5.69	5.84	35-39	5.98	5.71	6.05	5.77	5.71	5.85
40-44	4.64	4.70	4.70	4.57	5.02	4.79	40-44	4.99	5.31	5.11	5.13	5.27	5.08
45-49	3.97	3.89	3.93	4.18	3.86	3.97	45-49	4.24	4.02	4.29	4.15	4.22	4.23
50-54	3.51	3.48	3.44	3.16	3.39	3.20	50-54	3.35	3.57	3.41	3.39	3.67	3.57
55-59	2.61	2.62	2.66	2.88	2.68	2.66	55-59	2.16	1.98	2.20	2.20	2.65	2.64
60-64	1.90	1.81	1.86	1.72	1.85	1.86	60-64	2.01	2.06	1.92	1.92	1.78	1.75
65-69	1.33	1.36	1.38	1.46	1.33	1.29	65-69	0.98	0.92	0.98	0.98	1.48	1.41
70 & over	1.38	1.33	1.27	1.20	1.16	1.14	70 & over	1.37	1.29	1.19	1.14	1.44	1.43
All ages	100.00	100.00	100.00	100.00	100.00	100.00	All ages	100.00	100.00	100.00	100.00	100.00	100.00

TABLE 1—*Contd.*

COMBINED

Age-groups	1970	1971	1972	1973	1974	1975
MALE						
0-4	14.41	14.76	14.99	14.65	14.43	14.54
5-9	14.84	14.78	14.32	13.89	13.86	13.71
10-14	13.51	13.73	13.67	13.62	13.46	13.30
15-19	10.88	10.63	10.77	11.45	11.34	11.63
20-24	8.11	8.31	8.46	8.59	9.08	9.13
25-29	6.88	6.61	6.73	7.12	6.82	7.09
30-34	6.58	6.65	6.50	6.08	6.23	6.10
35-39	5.79	5.69	5.74	5.96	5.70	5.84
40-44	4.77	4.84	4.82	4.77	5.11	4.83
45-49	3.96	3.86	3.98	4.05	3.86	4.04
50-54	3.43	3.50	3.37	3.16	3.42	3.20
55-59	2.54	2.48	2.56	2.65	2.56	2.53
60-64	1.90	1.81	1.80	1.72	1.80	1.78
65-69	1.17	1.16	1.19	1.22	1.25	1.22
70 & over	1.23	1.19	1.10	1.07	1.08	1.06
All ages	100.00	100.00	100.00	100.00	100.00	100.00
FEMALE						
0-4	14.25	14.54	14.71	14.38	14.38	14.92
5-9	14.71	14.70	14.22	13.76	13.40	13.22
10-14	12.91	12.99	13.05	13.20	13.09	13.09
15-19	9.84	9.44	9.94	10.64	10.65	10.61
20-24	8.64	8.90	8.72	8.44	8.97	8.93
25-29	7.53	7.32	7.18	7.38	6.90	7.25
30-34	6.80	6.87	6.85	6.47	6.76	6.36
35-39	5.76	5.69	5.74	6.11	5.70	5.85
40-44	4.67	4.87	4.79	4.65	5.05	4.90
45-49	4.12	3.99	4.07	4.30	4.05	4.03
50-54	3.51	3.52	3.49	3.29	3.51	3.38
55-59	2.46	2.43	2.52	2.78	2.79	2.78
60-64	1.95	1.94	1.96	1.82	1.87	1.88
65-69	1.33	1.34	1.36	1.46	1.49	1.43
70 & over	1.52	1.46	1.40	1.32	1.39	1.37
All ages	100.00	100.00	100.00	100.00	100.00	100.00
PERSON						
0-4	14.33	14.65	14.85	14.52	14.41	14.73
5-9	14.78	14.75	14.27	13.82	13.64	13.47
10-14	13.22	13.37	13.37	13.42	13.28	13.20
15-19	10.37	10.05	10.36	11.06	11.00	11.13
20-24	8.37	8.60	8.59	8.52	9.03	9.03
25-29	7.19	6.95	6.94	7.25	6.86	7.17
30-34	6.69	6.75	6.68	6.27	6.49	6.23
35-39	5.77	5.69	5.74	6.03	5.70	5.84
40-44	4.72	4.86	4.80	4.71	5.08	4.87
45-49	4.04	3.92	4.02	4.17	3.95	4.03
50-54	3.47	3.51	3.43	3.22	3.46	3.29
55-59	2.50	2.46	2.54	2.71	2.67	2.65
60-64	1.92	1.87	1.88	1.77	1.83	1.83
65-69	1.25	1.25	1.28	1.34	1.37	1.32
70 & over	1.38	1.32	1.25	1.19	1.23	1.21
All ages	100.00	100.00	100.00	100.00	100.00	100.00

TABLE 2

Estimated age-specific fertility rates and other fertility indicators, 1970-75

Age-groups	1970	1971	1972	1973	1974	1975
RURAL						
15-19	67.5	75.3	69.6	70.7	71.3	73.7
20-24	318.9	307.4	319.1	301.4	295.8	299.7
25-29	301.7	297.0	317.6	264.8	331.5	294.8
30-34	258.7	244.4	234.1	217.3	219.1	212.6
35-39	167.9	150.2	159.8	119.6	139.8	130.4
40-44	80.9	73.1	77.7	69.1	61.6	61.6
45-49	29.1	25.6	28.2	19.1	18.7	20.7
Crude birth rate	43.2	41.5	41.8	37.1	40.0	38.9
General fertility rate	188.6	182.7	185.2	160.2	173.7	168.0
Total fertility rate	6.1	5.9	6.0	5.3	5.7	5.5
Gross reproduction rate	3.0	2.8	2.9	2.6	2.8	2.6
URBAN						
15-19	71.0	63.9	65.4	72.8	61.8	68.7
20-24	267.4	264.1	259.4	221.6	250.8	236.1
25-29	250.8	279.7	254.3	223.9	267.3	251.6
30-34	195.8	187.6	182.6	151.6	174.1	134.0
35-39	85.5	91.2	93.3	80.0	102.4	70.3
40-44	41.8	36.9	34.6	23.7	32.1	33.3
45-49	20.1	10.1	8.8	9.3	10.9	6.9
Crude birth rate	34.9	35.8	35.8	31.0	34.1	31.8
General fertility rate	147.3	150.0	142.6	127.0	140.7	130.0
Total fertility rate	4.7	4.7	4.5	3.9	4.5	4.0
Gross reproduction rate	2.4	2.4	2.3	2.0	2.3	2.0
COMBINED						
15-19	68.4	72.3	68.5	71.2	68.8	72.4
20-24	305.9	295.3	302.4	276.7	283.1	281.7
25-29	289.0	292.7	300.8	254.7	315.3	284.3
30-34	244.3	229.4	221.3	199.6	208.3	193.0
35-39	147.5	135.6	142.7	110.4	130.6	116.0
40-44	71.0	63.2	65.8	56.4	54.1	54.4
45-49	26.9	21.9	23.2	16.7	16.7	17.3
Crude birth rate	41.0	40.0	40.2	35.4	38.4	37.0
General fertility rate	178.3	174.1	173.8	151.5	165.2	158.3
Total fertility rate	5.8	5.6	5.6	4.9	5.4	5.1
Gross reproduction rate	2.9	2.8	2.8	2.5	2.7	2.6

TABLE 3

Mortality indicators, 1970-75

Year	Crude death rate	Infant mortality rate	Neo-natal mortality rate	Post-natal mortality rate	Peri-natal mortality rate	Still birth rate
RURAL						
1970	18.7	159	92.0	67.0	85.4	23.7
1971	17.6	155	85.9	69.1	78.4	20.5
1972	16.4	139	85.2	53.8	77.9	17.6
1973	17.2	177	94.4	82.6	82.2	17.3
1974	14.0	115	69.7	45.3	66.2	17.6
1975	16.6	165	100.9	64.1	87.8	14.3
URBAN						
1970	13.7	131	62.8	68.2	64.2	20.4
1971	13.0	110	51.5	58.5	49.2	12.5
1972	11.0	94	46.3	47.7	53.0	16.5
1973	12.2	113	58.3	54.7	55.5	17.5
1974	10.4	90	48.7	41.3	47.0	12.4
1975	12.2	113	50.9	62.1	52.2	18.5
COMBINED						
1970	17.4	153	86.1	66.9	81.1	23.0
1971	16.4	144	78.1	65.9	71.8	18.7
1972	14.9	128	76.7	51.3	72.4	17.3
1973	15.8	161	86.5	74.5	76.3	17.4
1974	13.0	109	65.1	43.9	62.0	16.5
1975	15.4	154	90.5	63.5	80.3	15.2

TABLE 4

Estimated age-specific death rates by sex, 1970-75

RURAL							
Age-groups	1970	1971	1972	1973	1974	1975	
MALE							
0-4	73.2	65.9	56.6	60.4	47.4	61.8	
5-9	3.0	4.2	4.9	2.6	3.1	3.5	
10-14	2.0	1.8	2.3	1.6	1.5	1.2	
15-19	2.8	1.8	2.0	2.6	1.5	1.9	
20-24	2.4	3.0	2.4	3.0	3.9	2.4	
25-29	2.0	2.8	4.7	2.8	2.7	4.2	
30-34	4.3	3.9	4.1	4.7	4.2	5.5	
35-39	4.9	5.4	4.8	6.3	5.3	5.0	
40-44	13.5	8.1	8.6	7.3	6.7	6.0	
45-49	12.0	9.9	11.7	14.7	15.7	14.5	
50-54	21.9	17.4	19.5	22.1	15.6	20.6	
55-59	28.9	26.5	32.0	25.7	33.5	36.5	
60-64	44.0	37.4	38.2	47.4	32.4	45.7	
65-69	50.5	65.8	64.3	62.8	72.3	57.3	
70 & over	131.0	141.2	152.6	105.3	114.2	125.6	
All ages	18.5	17.5	16.8	16.2	13.9	16.5	
FEMALE							
0-4	79.2	70.7	61.7	71.8	51.9	64.8	
5-9	3.4	4.8	4.9	5.4	4.3	3.9	
10-14	2.4	1.6	1.9	3.0	1.4	2.3	
15-19	4.2	2.6	2.4	2.2	3.1	3.5	
20-24	6.6	4.1	2.9	5.0	3.9	3.3	
25-29	4.4	4.3	4.4	4.7	4.1	3.5	
30-34	5.8	4.3	4.7	4.7	5.8	5.9	
35-39	4.6	5.3	5.6	4.5	4.5	6.3	
40-44	4.4	6.6	7.3	5.7	7.3	5.7	
45-49	6.8	11.4	8.2	9.6	9.4	10.7	
50-54	12.1	9.7	8.7	14.6	7.8	13.3	
55-59	25.0	16.3	22.0	19.4	15.6	17.4	
60-64	37.4	32.5	36.6	37.9	26.0	31.7	
65-69	29.2	40.0	33.5	64.2	51.1	48.0	
70 & over	106.4	115.3	111.6	123.1	112.7	110.2	
All ages	18.6	17.6	16.2	18.3	14.1	16.6	
PERSON							
0-4	76.1	68.2	59.1	65.9	49.6	63.3	
5-9	3.2	4.5	4.9	4.0	3.7	3.7	
10-14	2.2	1.7	2.1	2.3	1.5	1.7	
15-19	3.4	2.1	2.2	2.4	2.3	2.7	
20-24	4.5	3.6	2.6	4.0	3.9	2.8	
25-29	3.3	3.6	4.5	3.7	3.4	3.8	
30-34	5.0	4.1	4.4	4.7	5.0	5.7	
35-39	4.7	5.4	5.2	5.4	4.9	6.1	
40-44	9.1	7.4	8.0	6.5	7.0	5.8	
45-49	9.4	10.7	10.0	12.1	12.5	12.7	
50-54	17.0	13.5	14.1	18.3	11.7	16.9	
55-59	27.0	21.6	27.1	22.3	24.3	26.6	
60-64	40.8	35.0	37.4	42.6	29.3	38.7	
65-69	93.3	52.2	48.1	63.6	61.1	52.4	
70 & over	117.8	127.3	130.0	114.8	113.4	117.1	
All ages	18.7	17.6	16.4	17.2	14.0	16.6	

TABLE 4—Contd.

URBAN						
Age-groups	1970	1971	1972	1973	1974	1975
MALE						
0—4	52.0	45.2	36.4	40.7	27.5	43.7
5—9	2.8	3.2	2.0	2.9	1.4	2.8
10—14	1.0	2.0	0.8	0.7	1.3	1.7
15—19	2.2	0.5	0.8	1.2	3.6	2.4
20—24	1.8	1.5	0.9	2.5	2.1	1.6
25—29	1.1	3.1	1.4	0.9	1.1	1.4
30—34	4.3	3.5	5.6	4.8	2.9	2.6
35—39	10.7	6.8	2.2	6.5	7.6	7.2
40—44	4.9	6.3	12.7	8.8	7.6	9.8
45—49	6.8	6.2	11.4	13.9	12.8	12.8
50—54	29.6	20.0	23.1	12.2	22.1	17.5
55—59	16.9	29.6	30.6	25.3	18.0	33.1
60—64	50.5	37.7	46.1	35.2	62.8	46.7
65—69	47.6	16.3	49.4	42.4	37.0	46.2
70 & over	115.0	132.0	123.2	151.2	101.5	98.0
All ages	13.6	11.8	11.4	11.5	10.4	12.5
FEMALE						
0—4	58.2	61.0	42.3	50.3	37.7	38.5
5—9	3.8	2.8	2.5	4.4	1.1	1.8
10—14	3.0	2.1	0.4	1.1	0.6	1.2
15—19	3.1	3.0	0.9	2.9	1.9	1.4
20—24	3.4	3.5	3.9	2.2	4.4	2.5
25—29	1.2	2.4	4.8	6.6	5.1	3.4
30—34	2.1	8.4	4.5	2.8	2.2	3.9
35—39	3.9	5.2	5.9	2.7	2.7	5.4
40—44	6.5	3.6	5.9	6.6	3.5	6.1
45—49	6.7	11.2	3.7	14.1	6.0	14.0
50—54	10.4	13.7	11.4	15.7	10.5	9.0
55—59	17.9	14.5	7.2	9.2	9.6	15.9
60—64	13.6	40.0	21.3	21.6	27.3	32.5
65—69	30.6	52.6	47.8	29.8	36.1	44.4
70 & over	115.0	120.1	87.6	108.0	78.4	105.3
All ages	13.8	14.5	10.8	12.6	10.7	11.7
PERSON						
0—4	55.0	52.7	39.2	45.3	32.5	41.1
5—9	3.3	3.1	2.2	3.6	1.5	2.3
10—14	2.0	2.0	0.6	0.9	1.0	1.5
15—19	2.7	1.7	0.8	2.0	2.7	1.9
20—24	2.6	2.5	2.3	2.3	3.2	2.1
25—29	1.1	2.8	3.0	3.5	2.9	2.3
30—34	3.3	5.8	5.1	3.8	2.6	3.2
35—39	7.4	6.0	4.0	4.7	5.2	6.3
40—44	5.7	5.0	9.0	7.7	5.6	8.0
45—49	6.8	8.6	7.8	14.0	9.5	13.4
50—54	20.6	17.0	17.6	13.8	16.6	13.5
55—59	17.3	22.6	19.9	17.5	13.9	24.5
60—64	31.4	38.8	33.1	28.4	45.1	39.7
65—69	38.8	34.6	48.6	35.9	36.5	45.2
70 & over	115.0	125.6	104.1	127.4	88.8	102.1
All ages	13.7	13.0	11.0	12.2	10.4	12.2

TABLE 4—Concl.

COMBINED						
Age-groups	1970	1971	1972	1973	1974	1975
MALE						
0—4	68.5	61.4	52.2	55.9	42.9	57.8
5—9	3.0	4.0	4.2	2.7	2.8	3.4
10—14	1.8	1.8	1.9	1.4	1.4	1.3
15—19	2.7	1.4	1.7	2.2	2.0	2.0
20—24	2.2	2.6	1.9	2.9	3.4	2.2
25—29	1.8	2.9	3.7	2.2	2.2	3.4
30—34	4.3	3.8	4.5	4.7	3.9	4.8
35—39	6.4	5.7	4.1	6.3	5.9	6.2
40—44	11.3	7.6	9.7	7.7	6.9	7.0
45—49	10.6	8.9	11.7	14.5	14.9	14.1
50—54	23.8	18.0	20.5	19.4	17.4	19.8
55—59	26.3	27.2	31.7	25.2	29.5	35.7
60—64	45.6	37.5	40.1	44.1	39.8	46.0
65—69	49.9	56.4	61.4	58.9	62.8	54.5
70 & over	127.3	139.0	145.4	116.1	110.5	117.7
All ages	17.2	16.0	15.3	15.0	13.0	15.5
FEMALE						
0—4	74.6	68.7	57.5	66.8	48.6	58.8
5—9	3.5	4.3	4.3	5.2	3.6	3.5
10—14	2.6	1.7	1.6	2.5	1.2	2.0
15—19	3.9	2.7	2.0	2.4	2.8	3.0
20—24	5.8	4.0	3.2	4.1	4.1	3.1
25—29	3.6	3.9	4.5	5.1	4.3	3.5
30—34	4.9	5.4	4.7	4.2	5.0	5.4
35—39	4.4	5.3	5.7	4.1	4.0	6.1
40—44	4.9	5.8	6.9	6.0	6.3	5.8
45—49	6.8	11.3	7.1	10.7	8.5	11.5
50—54	11.7	10.7	9.3	14.9	8.5	12.2
55—59	23.6	16.0	18.9	17.4	14.2	17.0
60—64	31.1	34.7	32.5	33.4	26.4	31.9
65—69	29.4	42.2	36.2	58.1	47.1	47.0
70 & over	108.5	116.5	105.9	119.4	102.7	108.8
All ages	17.4	16.8	14.8	16.9	13.1	15.4
PERSON						
0—4	71.4	64.9	54.8	61.2	45.7	58.3
5—9	3.2	4.1	4.2	3.9	3.2	3.4
10—14	2.2	1.8	1.8	1.9	1.3	1.7
15—19	3.2	2.0	1.8	2.3	2.4	2.5
20—24	4.0	3.3	2.5	3.5	3.7	2.6
25—29	2.7	3.4	4.1	3.7	3.3	3.4
30—34	4.6	4.6	4.6	4.5	4.4	5.1
35—39	5.4	5.5	4.9	5.2	5.0	6.1
40—44	8.2	6.7	8.3	6.9	6.6	6.4
45—49	8.7	10.1	9.4	12.6	11.7	12.8
50—54	17.8	14.4	14.9	17.2	13.0	16.0
55—59	25.0	21.8	25.5	21.3	21.7	26.1
60—64	38.4	36.1	36.3	38.7	33.1	38.9
65—69	39.2	49.0	48.2	58.5	54.5	50.5
70 & over	117.1	126.9	123.8	117.9	106.2	112.8
All ages	17.4	16.4	14.9	15.8	13.0	15.4

TABLE 5

Per cent distribution of sample births by type of medical attention at birth, 1970-75

Year	Type of medical attention at birth			
	I	T	U	O
RURAL				
1970	5.2	4.4	51.6	38.8
1971	5.4	4.4	54.9	35.3
1972	5.8	6.1	60.7	27.4
1973	6.3	5.5	64.2	24.0
1974	6.8	5.5	67.9	19.8
1975	8.6	6.0	66.3	19.1
URBAN				
1970	36.8	13.9	34.2	15.1
1971	38.3	10.7	37.5	13.5
1972	37.8	12.3	38.2	11.7
1973	42.7	12.7	35.2	9.4
1974	43.5	11.8	33.7	11.0
1975	43.5	12.3	32.3	11.9
COMBINED				
1970	9.6	5.9	49.1	35.4
1971	11.1	5.5	51.9	31.5
1972	11.2	7.2	56.9	24.7
1973	12.6	6.9	59.1	21.4
1974	13.1	6.5	62.1	18.3
1975	14.1	7.2	60.8	17.9

I : Institutions like hospitals, maternity/nursing homes, health centres, etc.

T : Delivery conducted in the home by doctor, trained dai, trained mid-wife, trained nurse, etc.

U : Delivery conducted in the home by untrained village dai or other untrained professional functionary.

O : Delivery conducted in the home by relation and others excluding the above.

TABLE 6

Per cent distribution of sample deaths by type of medical attention at death, 1970-75

Year	Type of medical attention at death			
	I	M	U	N
RURAL				
1970	7.7	17.6	29.1	45.6
1971	9.4	17.4	33.5	39.7
1972	6.7	19.7	39.3	34.3
1973	6.0	20.8	60.8	12.4
1974	6.0	20.9	72.9	0.2
1975	6.6	26.0	56.6	10.8
URBAN				
1970	15.5	53.9	11.1	19.5
1971	11.5	51.4	12.1	25.0
1972	13.7	50.5	14.3	21.5
1973	12.6	55.9	14.0	17.5
1974	11.0	54.7	12.3	22.0
1975	12.1	58.1	14.2	15.6
COMBINED				
1970	8.7	22.3	26.8	42.2
1971	9.7	22.5	30.3	37.5
1972	7.8	24.3	35.6	32.3
1973	7.0	26.0	53.7	13.3
1974	6.8	26.3	63.3	3.6
1975	7.5	30.8	50.3	11.4

I : If the death occurred in a hospital, dispensary, health centre, other medical institution, etc.

M : If the death occurred at home but was attended by a qualified practitioner.

U : If the death occurred at home and was attended by an unqualified practitioner.

N : No professional doctor/hakim, vaidya attended.

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TABLE 1—*Concl'd.*

COMBINED

Age-groups	1970	1971	1972	1973	1974	1975
MALE						
0-4	15.88	14.49	16.45	15.21	15.06	15.28
5-9	14.60	15.20	15.02	15.19	15.12	14.82
10-14	13.35	13.90	13.66	14.03	13.76	13.63
15-19	9.78	10.62	10.55	11.20	11.55	11.47
20-24	7.39	7.73	7.64	7.81	8.04	8.52
25-29	6.50	6.39	6.43	6.20	6.46	6.53
30-34	5.85	5.85	5.44	5.36	5.36	5.35
35-39	5.29	5.25	5.12	4.80	4.62	4.62
40-44	4.68	4.64	4.52	4.55	4.53	4.57
45-49	3.95	3.88	3.62	3.75	3.81	3.74
50-54	3.91	3.65	3.58	3.56	3.40	3.50
55-59	2.54	2.33	2.20	2.44	2.54	2.53
60-64	2.66	2.49	2.42	2.35	2.21	2.11
65-69	1.68	1.57	1.42	1.51	1.55	1.58
70 & over	1.78	1.95	1.88	1.99	1.97	1.73
N.S.	0.16	0.06	0.05	0.05	0.02	0.02
All ages	100.00	100.00	100.00	100.00	100.00	100.00

FEMALE

0-4	16.21	15.18	17.37	15.74	15.25	15.76
5-9	15.13	15.71	15.20	15.39	15.38	14.96
10-14	12.90	13.39	12.90	13.28	13.18	13.15
15-19	9.20	9.68	10.05	10.65	11.29	10.64
20-24	8.30	8.36	8.16	8.57	8.64	9.13
25-29	6.92	6.88	6.75	6.53	6.79	6.85
30-34	6.36	6.66	6.18	5.89	5.75	5.83
35-39	5.32	5.27	5.33	5.15	5.13	5.02
40-44	4.53	4.73	4.56	4.73	4.63	4.58
45-49	3.84	3.77	3.63	3.75	3.69	3.85
50-54	3.38	3.12	2.96	3.07	3.03	3.03
55-59	2.26	2.09	2.14	2.19	2.37	2.42
60-64	2.42	2.25	2.09	2.13	2.00	1.97
65-69	1.60	1.29	1.17	1.28	1.34	1.34
70 & over	1.44	1.53	1.43	1.59	1.51	1.45
N.S.	0.19	0.09	0.08	0.06	0.02	0.02
All ages	100.00	100.00	100.00	100.00	100.00	100.00

PERSON

0-4	16.04	14.81	16.87	15.46	15.15	15.50
5-9	14.84	15.43	15.10	15.28	15.24	14.89
10-14	13.14	13.67	13.30	13.68	13.49	13.41
15-19	9.51	10.18	10.32	10.94	11.43	11.08
20-24	7.81	8.02	7.88	8.16	8.32	8.81
25-29	6.69	6.62	6.58	6.35	6.62	6.68
30-34	6.08	6.22	5.79	5.60	5.54	5.57
35-39	5.30	5.26	5.22	4.96	4.86	4.81
40-44	4.61	4.68	4.54	4.64	4.58	4.57
45-49	3.90	3.83	3.62	3.75	3.75	3.79
50-54	3.67	3.40	3.30	3.34	3.23	3.28
55-59	2.41	2.22	2.17	2.32	2.46	2.48
60-64	2.55	2.38	2.27	2.25	2.11	2.04
65-69	1.65	1.44	1.31	1.81	1.45	1.47
70 & over	1.62	1.76	1.67	1.41	1.76	1.60
N.S.	0.18	0.08	0.06	0.05	0.01	0.02
All ages	100.00	100.00	100.00	100.00	100.00	100.00

TABLE 2

Estimated age-specific fertility rates and other fertility indicators, 1970-75

Age-groups	1970	1971	1972	1973	1974	1975
RURAL						
15-19	95.8	78.3	80.6	74.3	79.7	79.1
20-24	277.0	314.4	304.5	307.2	331.5	298.4
25-29	272.9	339.9	342.3	353.4	336.4	393.3
30-34	239.5	297.1	308.7	284.0	273.5	242.0
35-39	195.8	229.0	191.1	190.6	176.4	163.0
40-44	112.2	141.0	114.3	109.3	100.8	89.5
45-49	49.5	51.0	55.5	49.6	46.6	30.7
Crude birth rate	38.0	44.2	42.2	41.1	41.6	39.7
General fertility rate	187.3	215.5	207.4	200.6	199.2	190.2
Total fertility rate	6.2	7.3	7.0	6.8	6.7	6.5
Gross reproduction rate	2.9	3.5	3.2	3.3	3.3	3.1
URBAN						
15-19	43.2	51.6	45.6	41.1	41.5	38.7
20-24	207.8	232.0	261.4	209.3	217.5	209.0
25-29	204.6	261.5	255.4	263.7	230.2	249.3
30-34	178.6	183.4	196.7	190.7	162.5	170.6
35-39	89.4	111.1	110.2	101.1	82.4	77.5
40-44	46.2	56.0	49.3	46.3	39.9	42.3
45-49	21.1	26.7	24.1	30.9	19.0	10.5
Crude birth rate	27.9	32.4	32.4	31.2	29.0	29.7
General fertility rate	122.3	141.2	143.6	131.8	122.0	124.0
Total fertility rate	4.0	4.6	4.7	4.4	4.0	4.0
Gross reproduction rate	1.9	2.2	2.1	2.1	2.0	2.0
COMBINED						
15-19	85.9	73.2	74.1	67.7	72.5	71.5
20-24	264.0	297.6	296.4	287.6	308.7	280.7
25-29	259.7	325.5	326.7	335.7	315.6	333.2
30-34	228.6	275.5	288.6	267.0	254.2	229.4
35-39	174.5	206.3	176.3	173.9	159.0	147.2
40-44	99.4	123.8	101.8	97.5	90.3	80.5
45-49	44.5	46.4	49.7	46.2	41.1	26.9
Crude birth rate	36.2	42.1	40.5	39.4	39.5	38.0
General fertility rate	175.0	201.1	195.7	187.3	184.6	177.7
Total fertility rate	5.8	6.7	6.6	6.4	6.2	5.8
Gross reproduction rate	2.7	3.4	3.2	3.0	3.1	2.9

TABLE 3
Mortality indicators, 1970-75

Year	Crude death rate	Infant mortality rate	Neo-natal mortality rate	Post-natal mortality rate	Peri-natal mortality rate	Still birth rate
RURAL						
1970	10.0	82	47.2	34.8	30.1	5.1
1971	10.4	74	36.6	37.4	28.3	7.1
1972	12.3	98	51.9	46.1	49.3	16.2
1973	12.8	108	55.8	52.2	45.9	15.0
1974	13.4	109	52.3	56.7	42.6	11.2
1975	13.2	122	72.5	49.5	63.5	16.5
URBAN						
1970	6.5	61	23.2	36.8	17.2	15.2
1971	7.3	58	26.8	27.2	25.2	5.0
1972	8.8	72	27.5	44.5	21.3	10.7
1973	8.7	78	36.6	41.4	32.7	9.0
1974	8.4	56	30.5	25.5	28.6	6.6
1975	8.3	58	26.7	31.3	28.1	9.9
COMBINED						
1970	9.4	78	44.0	34.0	28.4	6.4
1971	9.9	72	35.3	36.7	27.9	6.8
1972	11.7	94	48.6	45.4	46.2	15.4
1973	12.1	104	53.2	50.8	44.1	14.2
1974	12.6	102	49.6	52.4	40.8	10.6
1975	12.3	114	66.5	47.5	58.9	15.6

TABLE 4
Estimated age-specific death rates by sex, 1970-75

RURAL						
Age-groups	1970	1971	1972	1973	1974	1975
MALE						
0-4	26.6	31.1	32.1	38.7	40.9	40.0
5-9	4.0	3.4	2.2	2.9	2.8	3.4
10-14	1.5	1.6	2.4	1.4	1.1	1.3
15-19	2.2	0.9	3.1	1.7	0.6	1.4
20-24	3.1	2.0	2.4	2.2	2.8	2.2
25-29	2.0	1.2	2.0	1.0	2.8	1.6
30-34	3.2	2.3	3.0	4.3	4.2	0.2
35-39	1.7	3.2	5.2	4.4	1.1	4.5
40-44	15.2	1.6	4.0	5.6	4.8	3.7
45-49	4.2	2.9	5.4	5.0	8.7	9.3
50-54	10.5	7.2	9.5	7.9	8.7	6.7
55-59	11.1	18.2	9.7	13.7	14.0	8.6
60-64	18.0	22.0	33.5	37.2	30.4	28.1
65-69	19.4	21.6	39.5	18.3	52.5	45.2
70 & over	95.1	125.1	109.7	111.7	108.4	93.8
All ages	10.0	10.2	12.1	12.5	13.1	13.0
FEMALE						
0-4	35.6	38.2	41.5	48.2	50.6	54.6
5-9	2.6	2.8	3.4	3.7	4.9	3.3
10-14	0.8	2.5	2.4	2.0	2.4	2.3
15-19	2.3	2.0	1.9	2.7	4.4	3.3
20-24	3.3	3.7	3.3	1.0	2.6	2.4
25-29	1.5	1.6	4.3	6.5	2.7	3.5
30-34	5.3	3.3	4.0	3.1	8.0	2.7
35-39	2.0	5.6	4.3	5.3	2.7	3.9
40-44	5.2	2.8	5.5	4.3	6.4	7.8
45-49	5.4	5.8	6.3	3.8	3.3	10.2
50-54	9.2	11.2	5.5	9.4	10.0	12.2
55-59	7.3	7.3	15.2	3.7	11.6	18.0
60-64	21.8	17.3	34.8	17.2	38.3	28.4
65-69	27.0	23.8	37.2	21.5	42.5	46.6
70 & over	77.9	93.2	112.2	128.4	119.8	96.7
All ages	10.1	10.6	12.5	13.0	13.9	13.4
PERSON						
0-4	30.8	34.5	36.6	42.2	45.5	46.9
5-9	3.3	3.1	2.7	3.3	3.8	3.3
10-14	1.2	2.0	2.4	1.6	1.7	1.8
15-19	2.3	1.4	2.5	2.2	2.3	2.2
20-24	3.2	2.8	2.9	3.5	2.7	2.3
25-29	1.8	1.4	3.1	3.6	2.7	2.5
30-34	4.2	2.8	3.5	3.7	6.0	2.3
35-39	1.9	4.3	4.8	4.9	1.9	4.2
40-44	5.2	2.2	4.7	5.0	5.6	5.6
45-49	4.8	4.2	5.8	4.3	6.3	9.7
50-54	1.0	8.9	7.8	8.5	8.9	9.1
55-59	9.5	13.5	12.2	9.4	12.9	12.8
60-64	19.6	20.0	34.1	28.5	33.8	28.2
65-69	22.8	22.3	38.6	19.7	48.2	45.8
70 & over	88.2	112.6	110.7	118.3	112.8	95.0
All ages	10.0	10.4	12.3	12.8	13.4	13.2

TABLE 4—Contd.

URBAN

Age-groups	1970	1971	1972	1973	1974	1975
MALE						
0-4	14.7	20.8	20.5	23.2	18.3	21.7
5-9	1.4	3.1	0.3	2.5	2.3	0.7
10-14	1.2	0.3	0.9	0.8	1.0	..
15-19	0.1	2.6	0.4	0.2	0.3	1.0
20-24	..	2.1	2.6	2.5	1.7	0.4
25-29	2.5	0.8	1.8	1.8	1.5	1.7
30-34	3.4	..	1.5	2.4	1.0	0.7
35-39	4.1	1.7	5.1	5.6	2.8	1.6
40-44	5.1	3.2	4.0	6.3	2.2	4.9
45-49	6.2	11.0	3.1	7.4	9.7	6.2
50-54	10.3	14.3	10.5	10.4	22.7	20.3
55-59	13.6	7.7	11.2	10.8	13.7	16.6
60-64	15.2	32.3	51.6	33.0	24.6	24.8
65-69	22.3	43.8	37.0	37.5	44.3	58.4
70 & over	65.8	58.5	108.3	120.8	102.9	121.0
All ages	6.2	7.1	8.3	8.4	8.3	8.1

FEMALE

0-4	20.9	23.2	30.9	29.5	25.3	22.0
5-9	2.0	1.4	2.3	3.5	2.6	2.7
10-14	..	0.4	0.9	1.0	1.7	1.4
15-19	0.5	1.5	0.6	1.0	0.4	2.0
20-24	1.3	0.6	2.3	1.7	3.1	1.9
25-29	1.5	2.8	2.5	1.3	3.1	0.9
30-34	0.8	0.7	2.8	2.5	4.3	2.9
35-39	3.0	1.7	2.5	3.3	3.7	3.0
40-44	6.0	3.4	2.9	4.7	2.0	2.0
45-49	4.3	2.8	7.1	3.0	8.0	3.9
50-54	3.1	11.3	3.8	4.1	5.5	7.3
55-59	3.5	14.1	20.8	20.4	6.1	4.5
60-64	22.2	18.2	32.1	27.8	29.0	22.6
65-69	16.5	20.9	23.5	21.2	43.6	30.6
70 & over	91.6	71.6	103.0	83.3	115.6	70.5
All ages	6.7	7.7	8.9	8.9	8.5	8.1

PERSON

0-4	17.6	21.9	25.3	26.1	21.5	22.1
5-9	1.7	2.3	1.2	3.0	2.4	1.7
10-14	0.6	0.3	0.9	0.9	1.4	0.4
15-19	0.3	2.1	0.4	0.6	0.4	1.3
20-24	0.6	1.4	2.4	2.1	2.4	1.2
25-29	2.0	1.7	2.1	1.6	2.2	1.5
30-34	2.2	0.3	2.1	2.4	2.5	1.6
35-39	3.6	1.7	3.8	4.5	3.2	2.5
40-44	5.5	3.3	3.5	5.5	2.1	4.0
45-49	5.4	7.1	4.4	7.7	8.8	6.9
50-54	7.2	13.3	7.8	7.6	15.3	17.5
55-59	9.0	10.6	15.5	15.2	10.3	16.7
60-64	18.4	25.8	42.8	30.6	26.6	26.0
65-69	19.8	34.1	34.3	30.5	44.0	45.2
70 & over	77.7	64.4	105.9	102.8	109.0	109.4
All ages	6.5	7.4	8.8	8.7	8.4	8.3

TABLE 4—Contd.

COMBINED

Age-groups	1970	1971	1972	1973	1974	1975
MALE						
0-4	24.8	29.5	30.4	38.2	35.8	37.4
5-9	3.5	3.3	1.9	2.9	2.8	3.0
10-14	1.4	1.4	2.1	1.3	1.1	1.1
15-19	1.8	1.2	2.6	1.5	0.6	1.3
20-24	2.5	2.0	2.4	2.2	2.6	1.9
25-29	2.1	1.1	1.9	1.1	2.5	1.6
30-34	3.2	1.8	2.7	3.9	3.6	1.7
35-39	2.2	2.9	5.2	4.7	1.5	3.9
40-44	5.2	1.9	4.0	5.7	4.4	3.9
45-49	4.6	4.3	5.0	5.2	8.8	8.7
50-54	10.5	8.8	9.7	8.4	10.7	9.0
55-59	11.5	16.5	10.0	13.3	13.4	9.9
60-64	17.6	23.7	36.5	36.5	29.4	27.5
65-69	19.9	25.3	39.1	21.2	51.2	47.3
70 & over	90.0	113.8	109.5	113.0	107.6	98.2
All ages	9.2	9.6	11.6	11.8	12.3	12.0

FEMALE

0-4	33.4	35.8	40.0	46.7	45.9	50.1
5-9	2.5	2.6	3.2	3.7	4.6	3.2
10-14	0.7	2.1	2.1	1.8	2.3	2.1
15-19	2.0	1.9	1.6	2.4	3.6	3.0
20-24	3.0	3.1	3.1	4.3	2.7	2.3
25-29	1.5	1.8	4.0	5.4	2.8	3.1
30-34	4.4	2.8	3.8	3.0	7.4	2.7
35-39	2.2	4.8	4.0	4.9	2.4	3.8
40-44	5.4	3.0	5.0	4.4	5.6	6.9
45-49	5.2	5.2	6.4	4.6	4.2	9.7
50-54	8.2	11.2	5.2	8.4	9.2	12.5
55-59	6.7	8.5	21.6	6.6	10.6	17.7
60-64	21.8	17.5	34.3	19.1	36.7	28.2
65-69	25.3	23.2	35.0	21.5	42.7	43.5
70 & over	80.7	88.7	110.4	119.6	119.0	96.5
All ages	9.8	10.1	11.9	12.3	12.9	12.8

PERSON

0-4	28.3	32.5	35.0	42.2	40.5	43.4
5-9	3.1	3.0	2.5	3.3	3.6	3.1
10-14	1.1	1.7	2.1	1.5	1.6	1.5
15-19	1.9	1.5	2.2	1.9	2.0	2.1
20-24	2.7	2.5	2.8	3.2	2.6	2.1
25-29	1.8	1.5	2.9	3.2	2.6	2.3
30-34	3.8	2.3	3.3	3.5	5.4	2.2
35-39	2.2	3.8	4.6	4.4	2.2	3.9
40-44	5.3	2.4	4.5	5.1	5.0	5.3
45-49	4.9	4.7	5.7	4.9	6.7	9.2
50-54	9.5	9.7	7.8	8.4	10.0	10.6
55-59	9.4	13.0	12.8	10.4	12.5	13.5
60-64	19.4	21.0	35.6	28.8	32.6	27.8
65-69	22.3	24.4	37.4	21.3	47.5	45.6
70 & over	86.2	103.7	109.9	115.7	112.1	97.5
All ages	9.4	9.9	11.7	12.1	12.6	12.3

TABLE 5
Per cent distribution of sample births by type of medical attention at birth, 1970-75

Year	Type of medical attention at birth			
	I	T	U	O
RURAL				
1970 . . .	0.3	5.9	85.9	7.9
1971 . . .	0.1	8.4	74.5	17.0
1972 . . .	0.6	13.5	77.1	8.8
1973 . . .	0.5	14.0	74.9	10.6
1974 . . .	0.2	21.7	72.0	6.1
1975 . . .	0.3	20.3	71.4	8.0
URBAN				
1970 . . .	7.0	15.9	67.9	9.2
1971 . . .	7.6	26.4	58.1	7.9
1972 . . .	5.2	32.1	55.1	7.6
1973 . . .	6.8	31.7	58.6	2.9
1974 . . .	8.3	36.7	51.6	3.4
1975 . . .	9.8	41.5	45.2	3.5
COMBINED				
1970 . . .	2.2	8.7	80.8	8.3
1971 . . .	2.2	13.6	69.8	14.4
1972 . . .	1.9	18.9	70.7	8.5
1973 . . .	2.3	19.0	70.3	8.4
1974 . . .	2.4	25.8	66.5	5.3
1975 . . .	2.9	26.1	64.2	6.8

TABLE 6
Per cent distribution sample of deaths by type of medical attention at death, 1970-75

Year	Type of medical attention at death			
	I	M	U	N
RURAL				
1970 . . .	1.1	27.0	6.2	65.7
1971 . . .	1.1	19.9	1.2	77.8
1972 . . .	3.0	22.5	1.0	73.5
1973 . . .	3.1	25.6	3.7	67.6
1974 . . .	1.5	29.8	5.9	62.8
1975 . . .	1.1	26.1	2.5	70.3
URBAN				
1970 . . .	7.9	46.6	4.6	40.9
1971 . . .	5.1	45.5	1.9	47.5
1972 . . .	8.1	38.0	1.9	52.0
1973 . . .	5.7	35.1	1.6	57.6
1974 . . .	5.6	45.7	2.7	46.0
1975 . . .	5.2	46.6	1.1	47.1
COMBINED				
1970 . . .	2.9	32.1	5.8	59.2
1971 . . .	2.2	27.0	1.4	69.4
1972 . . .	4.3	26.6	1.2	67.9
1973 . . .	3.8	28.2	3.1	64.9
1974 . . .	2.5	33.6	5.2	58.7
1975 . . .	2.1	34.2	2.2	64.5

I : Institutions like hospitals, maternity/nursing homes, health centres, etc.

T : Delivery conducted in the home by doctor, trained dai, trained mid-wife, trained nurse, etc.

U : Delivery conducted in the home by untrained village dai or other untrained professional functionary.

O : Delivery conducted in the home by relation and others excluding the above.

I : If the death occurred in a hospital, dispensary, health centre, other medical institution, etc.

M : If the death occurred at home but was attended by a qualified practitioner.

U : If the death occurred at home and was attended by an unqualified practitioner.

N : No professional doctor/hakim/vaidya attended.

HIMACHAL PRADESH

TABLE I

Per cent distribution of estimated population by age-groups and sex, 1970-75

RURAL						
Age-groups	1970	1971	1972	1973	1974	1975
MALE						
0-4	14.84	14.50	14.96	14.70	15.72	15.59
5-9	14.71	14.92	15.18	14.74	14.60	14.59
10-14	13.41	13.49	13.02	13.36	13.19	13.09
15-19	8.39	8.66	9.46	10.05	10.79	10.38
20-24	6.17	6.09	6.15	6.35	6.05	6.67
25-29	6.18	6.66	6.28	6.37	5.89	5.68
30-34	5.31	5.15	5.32	5.36	5.08	4.95
35-39	5.90	5.85	5.13	5.46	5.61	5.47
40-44	4.17	4.00	4.47	4.25	4.32	4.63
45-49	4.91	4.91	4.66	4.41	3.83	3.54
50-54	4.15	4.31	4.13	4.00	4.31	4.38
55-59	3.74	3.89	3.56	3.46	3.50	3.55
60-64	3.50	3.20	3.18	3.14	2.80	2.75
65-69	1.29	1.30	1.54	1.70	1.82	2.39
70 & over	3.33	3.07	2.96	2.65	2.49	2.36
All ages	100.00	100.00	100.00	100.00	100.00	100.00
FEMALE						
0-4	15.51	14.84	14.39	14.36	15.02	14.49
5-9	14.43	14.93	14.39	13.80	13.82	13.51
10-14	13.01	12.24	12.22	12.27	11.78	12.29
15-19	8.85	9.97	9.84	9.66	10.45	10.39
20-24	7.96	7.61	8.59	9.07	8.84	8.63
25-29	7.60	7.82	7.61	7.74	7.25	8.09
30-34	6.40	7.07	7.25	7.30	7.38	6.79
35-39	6.02	5.40	5.43	5.77	5.57	5.79
40-44	4.88	5.02	4.92	4.64	5.06	4.79
45-49	4.22	4.15	4.28	4.60	4.06	4.09
50-54	3.31	3.37	3.21	3.17	3.33	3.39
55-59	1.99	1.92	2.21	2.40	2.21	2.50
60-64	2.47	2.52	2.43	2.10	2.10	2.12
65-69	1.27	1.21	1.30	1.32	1.40	1.40
70 & over	2.08	1.93	1.93	1.80	1.73	1.73
All ages	100.00	100.00	100.00	100.00	100.00	100.00
PERSON						
0-4	15.17	14.67	14.68	14.54	15.38	15.05
5-9	14.57	14.93	14.78	14.28	14.22	14.07
10-14	13.22	12.87	12.63	12.82	12.50	12.68
15-19	8.61	9.22	9.65	9.86	10.62	10.39
20-24	7.05	6.85	7.36	7.69	7.42	7.63
25-29	6.88	7.33	6.94	7.04	6.56	6.87
30-34	5.85	6.11	6.28	6.31	6.22	5.86
35-39	5.96	5.62	5.28	5.61	5.59	5.62
40-44	4.52	4.51	4.69	4.44	4.68	4.71
45-49	4.57	4.53	4.47	4.50	3.95	3.81
50-54	3.73	3.84	3.67	3.59	3.83	3.89
55-59	2.88	2.91	2.89	2.94	2.86	3.03
60-64	2.99	2.86	2.81	2.63	2.45	2.44
65-69	1.28	1.25	1.42	1.51	1.62	1.91
70 & over	2.72	2.50	2.45	2.24	2.10	2.04
All ages	100.00	100.00	100.00	100.00	100.00	100.00

TABLE I—Contd.

URBAN						
Age-groups	1970	1971	1972	1973	1974	1975
MALE						
0-4	11.93	10.66	11.09	10.86	9.99	9.35
5-9	11.31	11.17	11.15	10.46	10.34	10.16
10-14	11.31	11.32	11.14	10.59	9.75	9.74
15-19	10.44	10.87	11.19	11.45	11.26	11.14
20-24	9.35	9.33	9.60	10.75	11.64	11.81
25-29	8.70	9.26	8.96	9.08	9.70	10.09
30-34	7.59	7.80	7.57	7.57	8.11	8.19
35-39	6.87	6.78	6.95	7.26	7.13	7.30
40-44	5.85	5.91	6.01	5.61	5.81	5.80
45-49	5.08	5.24	4.94	4.96	4.90	4.83
50-54	3.81	3.79	3.83	3.76	3.85	4.15
55-59	2.76	2.84	2.70	2.88	2.70	2.72
60-64	2.02	2.03	2.08	1.85	1.96	1.97
65-69	1.16	1.31	1.17	1.25	1.23	1.19
70 & over	1.82	1.69	1.62	1.67	1.63	1.56
All ages	100.00	100.00	100.00	100.00	100.00	100.00
FEMALE						
0-4	13.73	13.04	12.39	11.66	11.87	11.16
5-9	12.59	12.21	11.85	11.88	11.62	11.71
10-14	12.79	12.23	12.35	11.87	12.01	11.79
15-19	11.29	11.96	11.72	11.63	11.52	11.79
20-24	10.03	9.85	10.68	11.55	11.18	11.34
25-29	8.80	9.28	9.13	9.32	9.55	9.19
30-34	6.36	6.85	7.35	7.48	7.47	7.78
35-39	6.77	6.71	6.16	6.29	5.97	5.95
40-44	4.75	4.98	5.31	5.10	5.54	5.36
45-49	3.63	3.89	3.68	3.91	3.66	3.91
50-54	3.15	3.07	3.29	3.09	3.40	3.13
55-59	1.79	1.87	2.03	2.11	1.93	2.38
60-64	1.68	1.70	1.69	1.76	1.89	1.83
65-69	0.97	0.87	0.86	0.94	0.95	1.14
70 & over	1.66	1.49	1.51	1.41	1.44	1.54
N.S.	0.01					
All ages	100.00	100.00	100.00	100.00	100.00	100.00
PERSON						
0-4	12.74	11.73	11.68	11.22	10.81	10.14
5-9	11.88	11.64	11.46	11.10	10.90	10.84
10-14	11.97	11.73	11.69	11.17	10.74	10.64
15-19	10.82	11.36	11.43	11.53	11.38	11.41
20-24	9.65	9.57	10.09	11.11	11.44	11.61
25-29	8.74	9.27	9.04	9.19	9.64	9.70
30-34	7.04	7.37	7.47	7.53	7.83	8.01
35-39	6.83	6.75	6.59	6.82	6.62	6.71
40-44	5.36	5.50	5.69	5.38	5.69	5.61
45-49	4.43	4.63	4.37	4.49	4.35	4.43
50-54	3.52	3.46	3.59	3.46	3.65	3.70
55-59	2.34	2.40	2.40	2.53	2.36	2.57
60-64	1.87	1.88	1.90	1.81	1.93	1.91
65-69	1.07	1.11	1.03	1.11	1.11	1.17
70 & over	1.74	1.60	1.57	1.55	1.55	1.55
All ages	103.00	100.00	100.00	100.00	100.00	100.00

TABLE 3

Mortality indicators, 1970-75

Crude death rate	Infant mortality rate	Neo-natal mortality rate	Post-natal mortality rate	Peri-natal mortality rate	Still-birth rate
RURAL					
16.2	151	78.8	72.2	55.2	10.5
16.2	115	38.9	76.1	44.3	19.6
16.6	120	67.5	52.5	37.6	1.3
12.7	86	41.8	44.2	34.6	5.4
12.6	101	41.8	59.2	42.8	9.
13.6	117	38.1	78.9	36.2	16.2
URBAN					
7.5	76	38.8	37.2	17.9	4.9
7.3	69	39.9	29.1	24.2	..
6.1	38	18.6	19.4	13.3	2.8
7.2	71	38.5	32.5	27.8	2.8
7.2	70	49.8	20.2	53.2	2.2
7.4	55	26.4	28.6	18.5	1.5
COMBINED					
15.6	136	77.3	58.7	53.8	10.4
15.6	113	38.9	74.1	43.7	19.4
15.9	116	65.8	50.2	36.8	1.4
12.4	85	41.7	43.3	34.5	5.3
12.3	100	42.0	58.0	43.1	9.5
13.2	115	37.7	77.3	35.7	16.0

TABLE 4

Estimated age-specific death rates by sex, 1970-75

Age-groups	RURAL					
	1970	1971	1972	1973	1974	1975
MALE						
0-4	56.1	45.1	37.0	33.1	37.4	39.1
5-9	6.2	1.9	8.1	6.0	..	3.4
10-14	2.3	0.7	4.2	4.0	..	2.0
15-19	3.9	3.3	4.0	..	..	0.4
20-24	..	..	10.7	8.3	..	7.7
25-29	5.3	13.0	5.1	4.2	0.7	1.0
30-34	0.4	11.9	0.8	5.9	1.2	..
35-39	4.8	4.8	5.4	12.5	5.3	5.6
40-44	..	12.1	14.3	1.2	2.3	3.0
45-49	1.3	7.1	10.1	9.4	21.1	1.1
50-54	10.5	19.7	15.3	8.3	18.9	6.5
55-59	3.6	30.3	32.0	23.1	15.7	19.5
60-64	13.1	38.6	56.7	38.5	39.5	54.8
65-69	70.6	26.7	28.3	19.6	21.2	26.4
70 & over	134.0	82.8	141.9	85.3	54.7	150.5
All ages	16.3	15.9	18.3	13.5	12.4	14.6
FEMALE						
0-4	40.1	53.3	52.8	34.8	29.5	46.2
5-9	6.0	7.6	0.9	2.5	6.8	3.2
10-14	0.9	2.3	4.6	..	..	..
15-19	6.5	3.6	9.5	0.4	6.3	5.4
20-24	1.7	4.3	4.3	6.6	3.2	3.5
25-29	1.2	3.6	0.8	3.5	3.9	3.2
30-34	6.7	0.3	5.4	4.5	7.8	8.4
35-39	11.5	10.5	0.7	6.0	11.1	6.2
40-44	8.2	13.5	1.3	3.4	6.5	7.9
45-49	15.3	16.8	2.1	6.8	8.6	0.9
50-54	1.4	27.8	21.5	3.3	17.8	12.1
55-59	33.7	3.4	38.0	1.6	27.9	..
60-64	27.2	21.0	14.2	60.6	58.9	32.1
65-69	96.1	72.2	53.0	71.8	45.2	24.2
70 & over	193.4	149.4	121.6	107.0	134.6	80.1
All ages	16.8	17.5	15.1	12.7	13.8	12.4
PERSON						
0-4	48.1	49.2	44.7	33.9	44.2	53.0
5-9	6.2	4.8	4.6	4.3	3.3	3.3
10-14	1.6	1.5	4.4	2.1	..	1.1
15-19	5.2	3.3	6.8	0.2	3.1	2.8
20-24	0.9	2.4	7.0	7.3	1.9	5.4
25-29	3.1	7.9	2.8	3.8	2.5	2.3
30-34	3.8	4.9	3.4	5.1	5.0	4.8
35-39	8.1	7.6	3.0	9.2	8.1	5.9
40-44	4.4	12.9	7.5	2.3	4.5	5.5
45-49	7.7	11.5	6.3	8.1	14.8	1.0
50-54	6.5	23.2	18.0	6.2	18.4	8.9
55-59	13.9	21.4	34.3	14.5	20.4	11.6
60-64	18.8	30.9	38.4	47.2	47.6	45.1
65-69	83.1	48.6	39.8	41.9	31.5	25.6
70 & over	144.1	108.4	134.0	93.9	86.5	121.6
All ages	16.2	16.2	16.6	12.7	12.6	13.6

TABLE 4—*Contd.*TABLE 4—*Contd.*

URBAN						
Age-groups	1970	1971	1972	1973	1974	1975
MALE						
0—4	16.8	19.3	13.0	17.6	22.1	17.8
5—9	0.3	0.6	0.7	2.6	0.6	1.8
10—14	..	..	..	1.4	..	1.8
15—19	3.2	1.4	0.6	..	0.5	..
20—24	..	2.0	..	..	2.4	0.7
25—29	2.5	2.1	0.5	1.0	2.4	..
30—34	1.6	1.5	5.6	2.8	0.4	0.3
35—39	3.2	2.2	..	3.4	3.2	2.4
40—44	5.0	4.4	6.7	2.4	3.9	3.0
45—49	11.1	8.9	6.9	4.9	11.9	0.6
50—54	9.7	10.3	14.8	22.5	5.9	17.5
55—59	17.8	24.1	25.8	8.7	18.4	15.6
60—64	22.7	23.3	32.3	46.5	34.3	47.4
65—69	45.2	35.5	50.3	32.5	29.0	45.2
70 & over	91.4	79.0	81.3	58.1	103.8	99.9
All ages	7.3	7.1	6.6	6.6	7.1	6.7
FEMALE						
0—4	20.2	23.2	16.0	23.6	15.0	17.9
5—9	0.3	1.5	..	..	3.0	1.6
10—14	1.6	0.2	..	..	..	..
15—19	1.5	1.0	..	2.4	..	..
20—24	5.6	1.0	1.6	1.7	5.1	3.2
25—29	1.7	2.2	1.5	1.5	1.8	2.0
30—34	4.2	1.7	2.5	7.3	4.0	3.5
35—39	..	7.7	..	1.1	10.1	6.7
40—44	9.2	3.6	2.6	4.7	3.2	4.6
45—49	5.2	..	3.2	9.7	11.7	13.0
50—54	8.5	12.6	18.5	2.5	18.8	9.3
55—59	18.8	21.8	21.7	42.8	19.3	40.3
60—64	22.5	18.2	13.3	27.0	11.3	30.2
65—69	14.3	17.2	31.0	27.4	16.6	55.6
70 & over	112.2	120.3	75.5	122.1	87.3	109.0
All ages	7.8	7.5	5.4	8.0	7.4	8.3
PERSON						
0—4	18.4	21.2	14.4	20.4	18.7	17.8
5—9	0.3	1.0	0.4	1.4	1.7	1.7
10—14	0.8	0.1	..	0.7	0.3	0.9
15—19	2.4	1.2	0.3	1.1	..	..
20—24	2.6	1.5	0.9	0.8	3.6	1.8
25—29	2.1	2.2	1.0	1.2	2.4	0.8
30—34	1.7	1.5	4.2	4.8	1.9	1.7
35—39	1.8	5.2	..	2.4	6.1	4.1
40—44	6.6	4.1	5.0	3.4	4.7	3.7
45—49	8.9	5.5	5.5	6.8	11.7	5.4
50—54	9.2	11.3	16.3	14.4	11.9	14.5
55—59	18.1	23.3	24.2	21.4	18.7	25.6
60—64	22.6	21.2	24.7	38.0	24.8	40.2
65—69	32.7	29.1	43.1	30.6	24.0	49.7
70 & over	100.3	96.3	78.8	84.4	90.0	103.9
All ages	7.5	7.3	6.1	7.2	7.2	7.4

COMBINED						
Age-groups	1970	1971	1972	1973	1974	1975
MALE						
0—4	54.4	44.1	36.1	32.5	26.8	40.8
5—9	5.9	1.8	7.8	5.8	0.2	3.4
10—14	2.1	0.6	4.0	3.9	0.2	2.0
15—19	3.9	3.1	3.8	..	..	0.4
20—24	..	0.2	9.8	7.6	0.2	7.1
25—29	5.1	2.2	4.8	3.9	0.9	0.9
30—34	0.5	11.1	1.2	5.7	1.1	..
35—39	4.7	4.7	5.0	11.8	5.2	5.4
40—44	0.4	11.5	13.8	1.3	2.5	3.0
45—49	1.9	7.2	9.9	9.2	20.4	1.1
50—54	10.5	19.2	15.3	9.0	18.2	7.1
55—59	4.2	30.0	31.7	22.5	15.9	19.4
60—64	13.4	38.1	55.8	38.8	39.3	54.5
65—69	69.3	27.2	29.8	20.1	21.5	26.9
70 & over	113.3	82.7	140.1	84.4	56.1	148.6
All ages	15.0	15.1	15.4	12.1	12.2	13.0
FEMALE						
0—4	39.3	52.1	51.4	34.4	29.0	45.2
5—9	5.9	7.4	0.9	2.4	6.7	3.2
10—14	0.9	2.2	4.4	..	..	..
15—19	6.3	3.2	9.0	0.5	6.0	5.1
20—24	1.9	4.1	4.2	6.4	3.3	3.4
25—29	1.2	3.5	0.9	3.4	3.8	3.1
30—34	6.6	0.3	5.2	4.6	7.6	8.2
35—39	10.9	9.9	0.7	5.7	11.0	6.2
40—44	8.3	13.1	1.4	3.5	6.3	7.8
45—49	14.9	16.1	2.1	6.9	8.8	1.4
50—54	1.7	27.2	21.3	3.3	17.9	12.0
55—59	33.1	4.2	39.3	3.2	27.6	1.7
60—64	27.0	21.0	14.1	59.3	56.8	32.0
65—69	93.3	70.4	52.4	70.4	44.4	25.4
70 & over	190.5	148.4	120.0	107.5	132.8	81.3
All ages	16.1	16.2	16.6	12.7	12.5	13.6
PERSON						
0—4	46.8	48.1	43.5	33.4	33.1	41.6
5—9	5.9	4.6	4.5	4.2	3.2	3.3
10—14	1.5	1.4	4.3	2.0	0.1	1.1
15—19	5.1	3.2	6.4	0.2	2.9	2.7
20—24	1.0	2.3	6.6	6.9	2.0	5.1
25—29	3.0	7.5	2.7	3.7	2.4	2.2
30—34	3.7	5.0	3.5	5.1	4.8	4.6
35—39	7.8	7.4	3.2	8.8	8.0	5.8
40—44	4.5	12.3	7.4	2.4	4.5	5.4
45—49	7.7	11.2	6.3	8.0	14.6	1.2
50—54	6.7	22.7	17.9	6.5	18.1	9.2
55—59	14.1	21.5	33.9	14.8	20.3	12.2
60—64	18.9	30.6	38.0	46.9	46.7	44.9
65—69	81.0	47.7	39.9	41.5	31.2	26.4
70 & over	142.7	108.1	132.2	93.6	86.6	120.9
All ages	15.6	15.6	15.9	12.4	12.3	13.2

TABLE 5

Per cent distribution of sample births by type of medical attention at birth, 1970-75

Year	Type of medical attention at birth			
	I	T	U	O
RURAL				
1970 . . .	3.6	10.2	66.7	19.5
1971 . . .	2.6	9.9	63.00	24.5
1972 . . .	2.4	14.7	66.6	16.3
1973 . . .	3.2	23.2	60.8	12.8
1974 . . .	2.1	17.7	75.1	5.1
1975 . . .	3.0	22.5	65.0	9.5
URBAN				
1970 . . .	25.6	46.5	19.3	8.6
1971 . . .	23.2	50.9	21.4	4.5
1972 . . .	22.0	56.0	20.2	1.8
1973 . . .	21.7	59.3	18.1	0.9
1974 . . .	24.3	50.3	21.9	3.5
1975 . . .	22.4	59.6	16.0	2.0
COMBINED				
1970 . . .	15.3	29.3	41.7	13.7
1971 . . .	13.0	30.6	42.0	14.4
1972 . . .	12.7	36.3	42.3	8.7
1973 . . .	12.3	41.1	39.7	6.9
1974 . . .	13.3	34.0	48.4	4.3
1975 . . .	12.9	41.2	40.2	5.7

I : Institutions like hospitals, maternity/nursing homes, health centres, etc.

T : Delivery conducted in the home by doctor, trained dai, trained mid-wife, trained nurse, etc.

U : Delivery conducted in the home by untrained village dai or other untrained professional functionary.

O : Delivery conducted in the home by relation and others excluding the above.

TABLE 6

Per cent distribution of sample deaths by type of medical attention at death 1970-75

Year	Type of medical attention at death			
	I	M	U	N
RURAL				
1970 . . .	5.4	22.3	11.6	60.7
1971 . . .	4.9	13.0	39.5	42.6
1972 . . .	22.9	5.6	9.2	62.3
1973 . . .	4.5	26.4	4.6	64.5
1974 . . .	2.4	23.6	4.8	69.2
1975 . . .	1.3	35.0	12.2	51.5
URBAN				
1970 . . .	16.9	37.8	8.1	37.2
1971 . . .	12.1	59.0	4.6	24.3
1972 . . .	16.4	44.1	0.7	38.8
1973 . . .	11.8	62.4	1.7	24.1
1974 . . .	20.5	36.2	1.1	42.2
1975 . . .	13.1	48.7	0.5	37.7
COMBINED				
1970 . . .	10.4	29.1	10.0	50.5
1971 . . .	8.1	33.1	24.2	34.6
1972 . . .	20.4	20.2	6.0	53.4
1973 . . .	8.0	43.5	3.2	45.3
1974 . . .	10.9	29.5	3.1	56.5
1975 . . .	6.6	41.1	7.0	45.3

I : If the death occurred in a hospital, dispensary, health centre, other medical institution, etc.

M : If the death occurred at home but was attended by a qualified practitioner.

U : If the death occurred at home and was attended by an unqualified practitioner.

N : No professional doctor/hakim/vaidya attended.

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TABLE 1

Per cent distribution of estimated population by age-groups and sex, 1970-75

RURAL

Age-groups	1972	1973	1974	1975
MALE				
0-4	16.99	16.22	13.87	14.33
5-9	14.38	13.93	13.12	13.27
10-14	12.31	12.85	12.86	13.11
15-19	9.06	9.88	10.69	11.28
20-24	7.25	7.08	7.42	7.99
25-29	6.68	6.41	6.85	6.36
30-34	6.15	6.09	6.24	5.98
35-39	5.81	6.01	6.17	5.43
40-44	5.49	5.34	5.63	5.56
45-49	4.06	4.40	4.89	4.61
50-54	3.81	3.80	3.90	3.80
55-59	2.39	2.70	2.95	2.88
60-64	2.21	2.04	2.12	1.85
65-69	1.57	1.58	1.63	1.83
70 & over	1.81	1.66	1.65	1.72
N.S.	0.03	0.01	0.01	..
All ages	100.00	100.00	100.00	100.00
FEMALE				
0-4	18.22	17.47	14.20	14.87
5-9	15.10	14.78	14.01	14.43
10-14	12.12	12.51	13.25	13.58
15-19	8.76	9.26	9.66	10.92
20-24	7.33	7.43	7.54	7.81
25-29	7.58	6.96	7.21	6.59
30-34	7.04	7.02	7.29	6.93
35-39	6.11	6.31	6.66	6.22
40-44	5.02	5.04	5.47	5.37
45-49	3.54	3.62	4.34	3.96
50-54	3.27	3.21	3.19	2.96
55-59	1.63	2.02	2.52	2.28
60-64	1.88	1.66	1.80	1.36
65-69	1.01	1.17	1.40	1.30
70 & over	1.38	1.49	1.45	1.92
N.S.	0.01	0.05	0.01	..
All ages	100.00	100.00	100.00	100.00
PERSON				
0-4	17.57	16.82	14.03	14.59
5-9	14.71	14.33	13.55	13.82
10-14	12.22	12.69	13.04	13.34
15-19	8.92	9.59	10.20	11.10
20-24	7.29	7.24	7.47	7.90
25-29	7.10	6.67	7.02	6.47
30-34	6.56	6.52	6.74	6.43
35-39	5.95	6.15	6.40	5.80
40-44	5.28	5.20	5.55	5.47
45-49	3.82	4.03	4.63	4.30
50-54	3.56	3.52	3.57	3.40
55-59	2.03	2.38	2.74	2.60
60-64	2.06	1.86	1.97	1.62
65-69	1.30	1.39	1.52	1.58
70 & over	1.61	1.58	1.56	1.58
N.S.	0.02	0.03	0.01	..
All ages	100.00	100.00	100.00	100.00

TABLE 1—Contd.

URBAN

Age-groups	1972	1973	1974	1975
MALE				
0-4	12.64	12.36	9.82	9.87
5-9	13.30	13.93	13.20	12.86
10-14	12.78	13.46	13.28	13.33
15-19	11.30	12.08	12.74	12.87
20-24	9.21	9.28	9.96	10.81
25-29	8.20	7.81	7.50	7.87
30-34	6.37	6.29	7.13	6.92
35-39	5.55	5.65	5.10	5.26
40-44	5.53	5.57	5.48	5.05
45-49	4.36	4.15	4.46	4.50
50-54	3.65	3.37	3.68	3.43
55-59	2.27	2.06	3.00	2.91
60-64	2.46	1.96	1.78	1.54
65-69	1.29	0.99	1.61	1.55
70 & over	1.02	1.04	1.25	1.23
N.S.	0.07	..	0.01	..
All ages	100.00	100.00	100.00	100.00
FEMALE				
0-4	12.88	12.58	9.69	9.68
5-9	14.37	14.52	13.56	13.65
10-14	13.30	14.89	14.65	14.74
15-19	11.52	11.68	12.36	13.23
20-24	8.82	9.53	10.16	10.74
25-29	7.77	7.68	7.56	7.45
30-34	6.65	6.67	6.97	6.38
35-39	5.78	5.79	5.76	5.89
40-44	5.73	5.18	5.58	5.06
45-49	4.02	3.52	4.04	4.11
50-54	3.17	2.99	3.16	2.98
55-59	2.10	1.65	2.43	2.40
60-64	1.87	1.60	1.69	1.28
65-69	0.96	0.83	1.20	1.22
70 & over	1.02	0.89	1.19	1.19
N.S.	0.04	..	..	..
All ages	100.00	100.00	100.00	100.00
PERSON				
0-4	12.75	12.46	9.76	9.78
5-9	13.81	14.21	13.37	13.23
10-14	13.02	14.13	13.93	14.00
15-19	11.40	11.89	12.56	13.04
20-24	9.02	9.40	10.06	10.78
25-29	8.00	7.75	7.52	7.67
30-34	6.51	6.47	7.05	6.67
35-39	5.66	5.72	5.41	5.56
40-44	5.62	5.39	5.53	5.05
45-49	4.20	3.85	4.26	4.30
50-54	3.42	3.19	3.43	3.22
55-59	2.20	1.87	2.73	2.67
60-64	2.18	1.79	1.74	1.42
65-69	1.13	0.91	1.42	1.40
70 & over	1.02	0.97	1.22	1.21
N.S.	0.06	..	0.01	..
All ages	100.00	100.00	100.00	100.00

TABLE 1—*Concl'd.*

COMBINED

Age-groups	1972	1973	1974	1975
MALE				
0-4	16.15	15.49	13.11	13.51
5-9	14.17	13.92	13.14	13.19
10-14	12.40	12.96	12.93	13.15
15-19	9.49	10.30	11.07	11.57
20-24	7.62	7.50	7.89	8.51
25-29	6.97	6.67	6.97	6.64
30-34	6.18	6.13	6.41	6.15
35-39	5.77	5.94	5.97	5.40
40-44	5.50	5.38	5.60	5.47
45-49	4.12	4.36	4.81	4.59
50-54	3.78	3.72	3.86	3.73
55-59	2.37	2.58	2.96	2.88
60-64	2.26	2.03	2.06	1.80
65-69	1.52	1.47	1.63	1.78
70 & over	1.66	1.54	1.58	1.63
N.S.	0.04	0.01	0.01	..
All ages	100.00	100.00	100.00	100.00

FEMALE

0-4	17.19	16.55	13.37	13.92
5-9	14.95	14.73	13.92	14.29
10-14	12.35	12.95	13.51	13.80
15-19	9.29	9.72	10.16	11.34
20-24	7.62	7.82	8.02	8.34
25-29	7.61	7.10	7.27	6.75
30-34	6.96	6.95	7.23	6.83
35-39	6.05	6.21	6.49	6.16
40-44	5.17	5.07	5.49	5.31
45-49	3.64	3.60	4.30	3.99
50-54	3.25	3.17	3.19	2.96
55-59	1.72	1.95	2.50	2.30
60-64	1.88	1.65	1.78	1.34
65-69	1.00	1.11	1.36	1.29
70 & over	1.30	1.38	1.40	1.38
N.S.	0.02	0.04	0.01	..
All ages	100.00	100.00	100.00	100.00

PERSON

0-4	16.64	15.99	13.23	13.71
5-9	14.54	14.30	13.51	13.71
10-14	12.37	12.96	13.21	13.46
15-19	9.40	10.03	10.64	11.46
20-24	7.62	7.65	7.95	8.43
25-29	7.27	6.87	7.11	6.69
30-34	6.55	6.52	6.80	6.47
35-39	5.90	6.07	6.22	5.76
40-44	5.35	5.23	5.55	5.39
45-49	3.90	4.00	4.57	4.30
50-54	3.53	3.46	3.54	3.37
55-59	2.06	2.29	2.74	2.61
60-64	2.08	1.85	1.93	1.58
65-69	1.27	1.30	1.50	1.55
70 & over	1.49	1.46	1.49	1.51
N.S.	0.03	0.02	0.01	..
All ages	100.00	100.00	100.00	100.00

TABLE 2

Estimated age-specific fertility rates and other fertility indicators, 1970-75

Age-groups	1972	1973	1974	1975
RURAL				
15-19	98.6	85.3	76.9	77.4
20-24	243.9	243.2	250.0	232.2
25-29	235.0	289.4	221.6	257.7
30-34	225.6	205.9	175.7	218.1
35-39	138.5	149.1	115.2	146.8
40-44	77.7	64.8	61.1	65.1
45-49	24.6	42.8	19.8	36.4
Crude birth rate	34.5	35.4	31.8	34.4
General fertility rate	161.8	163.9	138.9	152.2
Total fertility rate	5.2	5.4	4.6	5.2
Gross reproduction rate	2.5	2.6	2.2	2.4
URBAN				
15-19	44.1	51.7	36.3	38.8
20-24	158.0	174.1	140.6	135.3
25-29	186.8	190.7	132.7	170.9
30-34	124.8	118.4	99.8	110.3
35-39	60.6	60.2	53.6	51.2
40-44	29.6	18.8	21.9	29.1
45-49	12.0	10.6	23.4	17.9
Crude birth rate	22.4	23.5	19.3	21.2
General fertility rate	94.5	99.9	78.2	84.5
Total fertility rate	3.1	3.1	2.5	2.8
Gross reproduction rate	1.3	1.4	1.1	1.3
COMBINED				
15-19	85.5	77.7	67.8	69.2
20-24	224.6	227.4	224.3	209.4
25-29	225.5	269.3	204.5	240.1
30-34	207.0	190.1	162.1	199.6
35-39	124.0	133.5	105.1	130.0
40-44	67.4	56.0	53.7	58.8
45-49	21.9	36.9	20.4	32.9
Crude birth rate	31.6	32.5	29.2	31.9
General fertility rate	147.6	150.9	126.9	138.7
Total fertility rate	4.8	5.0	3.9	4.7
Gross reproduction rate	2.3	2.4	1.8	2.2

TABLE 3
Mortality indicators, 1970--75

Year	Crude death rate	Infant mortality rate	Neo-natal mortality rate	Post-natal mortality rate	Peri-natal mortality rate	Still birth rate
RURAL						
1972	12.0	76	37.0	39.0	47.1	28.6
1973	11.1	68	47.1	20.9	59.1	30.9
1974	11.3	80	46.3	33.7	67.3	41.2
1975	13.8	72	34.3	37.7	41.3	22.1
URBAN						
1972	6.5	43	29.8	13.2	43.5	21.3
1973	7.2	49	35.2	13.8	31.5	9.5
1974	4.8	49	30.2	18.8	38.8	22.8
1975	7.6	39	24.9	14.1	24.3	7.8
COMBINED						
1972	10.8	71	36.1	34.9	46.6	27.6
1973	10.3	65	45.5	19.5	55.5	28.1
1974	9.9	76	44.3	31.7	63.9	39.0
1975	12.6	68	33.2	34.8	39.3	20.4

TABLE 4
Estimated age-specific death rates by sex, 1970-75

Age-groups		RURAL			
		1972	1973	1974	1975
MALE					
0-4	.	22.4	24.3	31.9	32.1
5-9	.	3.5	2.8	3.0	3.8
10-14	.	2.3	0.5	0.8	2.2
15-19	.	2.4	1.0	1.2	3.0
20-24	.	5.1	1.2	0.9	5.8
25-29	.	2.3	2.2	1.5	8.9
30-34	.	3.1	1.1	3.6	4.6
35-39	.	7.8	5.0	5.1	8.4
40-44	.	6.7	7.8	12.1	15.2
45-49	.	13.5	7.5	12.4	10.1
50-54	.	16.6	11.9	13.9	9.5
55-59	.	17.5	20.3	23.4	31.7
60-64	.	39.3	41.4	19.5	28.8
65-69	.	57.7	39.5	34.6	55.7
70 & over	.	119.3	161.2	96.1	99.1
All ages	.	11.9	11.1	10.9	12.6
FEMALE					
0-4	.	25.3	26.7	30.1	36.5
5-9	.	5.2	2.5	4.7	3.7
10-14	.	1.7	2.3	2.5	1.8
15-19	.	3.0	2.5	2.6	3.4
20-24	.	4.4	2.5	6.2	2.7
25-29	.	2.7	4.0	6.4	2.9
30-34	.	10.2	11.4	4.0	4.8
35-39	.	8.7	6.4	9.3	7.2
40-44	.	10.1	11.2	5.7	8.2
45-49	.	14.5	11.5	8.0	16.7
50-54	.	18.3	10.7	15.6	26.3
55-59	.	32.3	34.0	19.3	40.7
60-64	.	38.1	27.4	46.6	41.3
65-69	.	55.8	33.5	34.7	45.7
70 & over	.	86.7	100.0	101.6	135.1
All ages	.	12.3	11.1	11.8	14.7
PERSON					
0-4	.	23.8	25.5	31.0	34.4
5-9	.	4.3	2.7	3.9	3.7
10-14	.	2.0	1.3	1.6	2.0
15-19	.	2.7	1.7	1.8	3.2
20-24	.	4.8	1.8	3.4	4.1
25-29	.	2.5	3.1	3.9	5.8
30-34	.	6.7	6.3	3.8	4.7
35-39	.	8.2	5.7	7.2	7.8
40-44	.	8.2	9.4	9.1	11.5
45-49	.	14.6	9.2	10.4	13.8
50-54	.	17.3	11.4	14.6	19.4
55-59	.	23.1	25.8	21.6	37.0
60-64	.	38.8	35.5	31.3	36.4
65-69	.	57.0	37.1	34.6	49.6
70 & over	.	106.2	133.9	98.5	119.7
All ages	.	12.0	11.1	11.3	13.8

TABLE 4—Contd.

URBAN

Age-groups	1972	1973	1974	1975
MALE				
0-4	9.2	15.6	9.6	17.9
5-9	1.3	1.0	0.9	1.1
10-14	..	1.1	1.1	0.1
15-19	0.6	0.1	1.2	1.7
20-24	..	3.5	0.8	0.7
25-29	0.1	0.3	1.1	2.4
30-34	2.8	1.6	2.3	0.9
35-39	2.8	2.5	1.2	3.7
40-44	10.6	3.9	7.5	10.9
45-49	4.1	13.4	1.1	15.3
50-54	23.1	19.8	5.0	22.3
55-59	20.7	22.7	16.4	38.8
60-64	32.9	41.9	36.2	55.4
65-69	42.3	66.6	34.8	56.1
70 & over	112.5	105.1	66.7	92.1
All ages	6.3	7.3	4.9	8.7

FEMALE

0-4	13.1	14.1	17.7	13.7
5-9	0.3	2.2	0.5	0.6
10-14	1.7	0.2	1.1	0.5
15-19	4.2	1.2	0.7	0.7
20-24	0.2	5.6	0.3	1.6
25-29	7.4	1.4	0.4	2.3
30-34	4.4	5.3	1.6	1.1
35-39	2.9	3.0	4.4	4.0
40-44	2.5	4.1	4.8	6.3
45-49	0.5	11.4	6.6	4.3
50-54	10.8	19.6	6.1	11.9
55-59	20.9	24.6	7.1	9.6
60-64	36.5	35.9	18.3	61.6
65-69	25.7	56.2	12.4	50.6
70 & over	119.0	114.9	62.2	60.0
All ages	6.6	7.0	4.6	5.4

PERSON

0-4	11.1	14.9	13.4	15.9
5-9	0.8	1.5	0.7	0.9
10-14	0.8	0.6	1.1	0.3
15-19	2.3	0.6	1.0	1.3
20-24	0.1	4.2	0.6	1.1
25-29	3.5	0.8	0.7	2.4
30-34	3.5	3.4	2.0	1.0
35-39	2.8	2.7	2.8	3.9
40-44	6.7	5.0	6.2	8.7
45-49	2.4	12.5	3.6	10.3
50-54	17.7	19.7	5.5	17.7
55-59	20.8	23.5	12.5	26.3
60-64	34.4	39.4	28.0	58.0
65-69	35.7	62.1	25.8	53.8
70 & over	115.6	109.3	64.7	77.1
All ages	6.5	7.2	4.8	7.6

TABLE 4—Contd.

COMBINED

Age-groups	1972	1973	1974	1975
MALE				
0-4	20.4	23.0	28.8	29.7
5-9	3.1	2.4	2.6	3.2
10-14	1.8	0.6	0.9	1.9
15-19	2.2	0.8	1.2	2.5
20-24	3.9	1.7	0.9	4.8
25-29	1.8	1.8	1.4	7.5
30-34	3.1	1.2	3.3	4.0
35-39	6.8	4.6	4.4	7.6
40-44	7.4	7.1	11.3	13.6
45-49	11.6	8.5	10.4	9.0
50-54	17.8	13.3	12.3	9.9
55-59	18.1	20.7	22.1	27.5
60-64	33.0	41.5	22.2	34.5
65-69	55.2	42.9	34.6	54.8
70 & over	118.5	154.0	91.7	92.9
All ages	10.8	10.3	9.7	11.3

FEMALE

0-4	23.5	24.9	28.4	34.0
5-9	4.3	2.5	4.0	3.2
10-14	1.7	1.8	2.2	1.5
15-19	3.3	2.2	2.2	3.1
20-24	3.5	3.0	4.8	2.3
25-29	3.6	3.5	5.3	2.8
30-34	9.1	10.3	3.6	4.0
35-39	7.6	5.8	8.5	6.6
40-44	8.5	9.9	5.5	8.7
45-49	11.5	11.5	7.8	16.5
50-54	16.9	12.3	13.9	25.6
55-59	29.6	32.5	17.1	40.4
60-64	37.8	28.9	41.6	43.5
65-69	50.2	36.7	31.0	47.4
70 & over	91.5	101.7	95.4	129.2
All ages	11.2	10.7	10.5	13.6

PERSON

0-4	21.9	23.9	28.6	32.0
5-9	3.7	2.5	3.3	3.2
10-14	1.8	1.2	1.5	1.7
15-19	2.6	1.4	1.6	2.8
20-24	3.7	2.3	2.8	3.4
25-29	2.7	2.6	3.3	5.1
30-34	6.1	5.8	3.4	4.0
35-39	7.2	5.2	6.5	7.1
40-44	7.9	8.3	8.6	11.0
45-49	11.6	9.8	9.2	13.2
50-54	17.4	12.8	13.0	19.1
55-59	22.6	25.5	19.9	35.0
60-64	37.9	36.2	30.7	39.9
65-69	53.3	40.4	33.1	50.3
70 & over	107.4	130.8	93.4	113.5
All ages	10.3	10.3	9.9	12.6

TABLE 5

Per cent distribution of sample births by type of medical attention at birth, 1970-75

Year	Type of medical attention at birth			
	I	T	U	O
RURAL				
1972	2.4	3.5	83.5	10.6
1973	1.7	9.7	87.0	1.0
1974	2.1	4.5	80.0	13.4
1975	1.3	3.9	83.9	10.9
URBAN				
1972	9.8	29.2	55.5	5.5
1973	14.0	34.7	49.9	1.4
1974	6.4	34.2	52.3	7.1
1975	4.8	38.6	48.8	7.8
COMBINED				
1972	4.7	11.3	74.9	9.1
1973	5.5	17.4	76.0	1.1
1974	3.4	13.1	71.9	11.6
1975	2.3	14.3	73.4	10.0

TABLE 6

Per cent distribution of sample deaths by type of medical attention at death, 1970-75

Year	Type of medical attention at death			
	I	M	U	N
RURAL				
1972	7.0	28.0	39.5	25.5
1973	6.5	26.6	38.3	28.6
1974	4.3	36.7	35.3	23.7
1975	4.4	34.8	42.1	18.7
URBAN				
1972	9.2	57.1	23.3	10.4
1973	11.9	56.5	17.5	14.1
1974	7.7	55.5	23.9	12.9
1975	4.0	69.9	14.9	11.2
COMBINED				
1972	7.6	35.4	35.3	21.7
1973	8.0	35.3	32.3	24.4
1974	5.2	41.6	32.3	20.9
1975	4.3	43.5	35.4	16.8

I : Institutions like hospitals, maternity/nursing homes, health centres, etc.

T : Delivery conducted in the home by doctor, trained dai, trained mid-wife, trained nurse, etc.

U : Delivery conducted in the home by untrained village dai or untrained professional functionary.

O : Delivery conducted in the home by relation and others excluding the above.

I : If the death occurred in a hospital, dispensary, health centre, other medical institution, etc.

M : If the death occurred at home but was attended by a qualified practitioner.

U : If the death occurred at home and was attended by an unqualified practitioner.

N : No professional doctor/hakim/ vaidya attended.

KARNATAKA

TABLE 1

Per cent distribution of estimated population by age-groups and sex, 1970-75

RURAL

Age-groups	1971	1972	1973	1974	1975
MALE					
0-4	14.51	14.90	15.02	14.79	15.18
5-9	14.16	13.87	13.55	13.64	13.72
10-14	13.22	13.34	13.42	13.40	13.21
15-19	10.29	10.32	10.64	10.53	10.69
20-24	7.70	7.91	7.82	8.19	8.20
25-29	6.40	6.27	6.39	6.42	6.57
30-34	6.58	6.45	6.13	6.16	6.07
35-39	5.67	5.57	5.70	5.73	5.74
40-44	5.47	5.40	5.24	5.27	5.11
45-49	4.20	4.27	4.43	4.45	4.44
50-54	3.83	3.71	3.58	3.55	3.46
55-59	2.51	2.70	2.81	2.79	2.75
60-64	2.25	2.01	1.97	1.90	1.92
65-69	1.60	1.71	1.65	1.63	1.57
70 & over	1.60	1.53	1.56	1.50	1.37
N.S.	0.01	0.04	0.09	..	..
All ages	100.00	100.00	100.00	100.00	100.00
FEMALE					
0-4	14.35	14.56	14.93	14.85	15.26
5-9	14.12	13.86	13.84	13.69	13.50
10-14	13.46	13.45	13.18	13.23	12.88
15-19	10.25	10.43	10.75	10.77	10.96
20-24	7.96	8.13	7.96	8.13	8.15
25-29	6.92	6.79	6.99	7.00	7.06
30-34	7.11	6.89	6.55	6.55	6.49
35-39	5.66	5.68	5.78	5.85	5.88
40-44	5.12	5.01	4.93	4.90	4.88
45-49	3.72	3.79	3.84	3.87	4.09
50-54	3.47	3.37	3.25	3.23	3.16
55-59	2.47	2.67	2.73	2.73	2.67
60-64	2.12	2.03	1.99	1.99	1.95
65-69	1.57	1.62	1.62	1.55	1.58
70 & over	1.68	1.66	1.59	1.56	1.48
N.S.	0.02	0.07	0.07	..	0.01
All ages	100.00	100.00	100.00	100.00	100.00
PERSON					
0-4	14.43	14.73	14.98	14.82	15.22
5-9	14.14	13.86	13.69	13.67	13.61
10-14	13.34	13.39	13.30	13.32	13.05
15-19	10.27	10.38	10.70	10.67	10.82
20-24	7.83	8.02	7.88	8.19	8.18
25-29	6.66	6.53	6.69	6.71	6.81
30-34	6.84	6.66	6.34	6.35	6.28
35-39	5.66	5.63	5.74	5.79	5.81
40-44	5.30	5.21	5.09	5.09	5.00
45-49	3.96	4.03	4.14	4.16	4.26
50-54	3.65	3.54	3.42	3.39	3.31
55-59	2.49	2.68	2.77	2.76	2.71
60-64	2.18	2.02	1.98	1.95	1.93
65-69	1.59	1.67	1.63	1.59	1.58
70 & over	1.64	1.59	1.57	1.53	1.43
N.S.	0.02	0.06	0.08	0.01	..
All ages	100.00	100.00	100.00	100.00	100.00

TABLE 1—Contd.

URBAN

Age-groups	1971	1972	1973	1974	1975
MALE					
0-4	12.65	13.43	14.08	14.13	14.22
5-9	13.79	13.50	13.29	13.02	13.23
10-14	13.22	12.83	13.07	11.59	12.31
15-19	10.46	10.31	10.12	10.24	9.20
20-24	9.72	9.22	9.28	9.17	8.29
25-29	7.53	8.02	8.23	8.15	8.39
30-34	6.92	7.28	6.94	7.04	6.97
35-39	5.94	6.06	5.79	5.92	5.97
40-44	5.47	4.95	5.18	5.06	5.05
45-49	4.21	4.14	4.26	4.30	4.40
50-54	3.76	3.64	3.56	3.52	3.49
55-59	1.91	1.96	1.96	2.10	3.02
60-64	2.06	1.95	1.80	1.84	2.44
65-69	0.93	0.97	1.07	1.26	1.63
70 & over	1.43	1.33	1.37	1.55	1.39
N.S.	..	0.41	..	1.11	..
All ages	100.00	100.00	100.00	100.00	100.00
FEMALE					
0-4	12.68	13.15	13.54	13.72	13.83
5-9	12.26	14.11	13.62	13.45	13.51
10-14	13.57	13.10	12.90	11.79	13.31
15-19	10.83	10.77	11.00	11.11	10.96
20-24	9.89	10.10	10.17	9.96	9.68
25-29	7.67	8.31	8.07	8.11	8.12
30-34	6.86	6.78	6.60	6.46	6.53
35-39	5.76	5.77	5.61	5.53	5.45
40-44	4.81	4.48	4.85	4.66	4.52
45-49	3.15	3.17	3.19	3.45	3.67
50-54	3.45	3.18	3.23	3.27	3.49
55-59	1.85	1.74	1.96	2.08	2.46
60-64	2.42	2.23	2.17	2.08	1.65
65-69	0.95	1.07	1.25	1.43	1.67
70 & over	1.85	1.70	1.84	1.92	1.15
N.S.	..	0.32	..	0.98	..
All ages	100.00	100.00	100.00	100.00	100.00
PERSON					
0-4	12.67	13.29	13.82	13.93	14.03
5-9	14.01	13.80	13.45	13.22	13.37
10-14	13.39	12.96	12.99	11.69	12.80
15-19	10.64	10.53	10.54	10.66	10.06
20-24	9.80	9.65	9.72	9.56	8.97
25-29	7.60	8.16	8.16	8.13	8.26
30-34	6.89	7.04	6.77	6.75	6.75
35-39	5.86	5.92	5.70	5.73	5.72
40-44	5.15	4.72	5.01	4.87	4.79
45-49	3.70	3.67	3.74	3.89	4.04
50-54	3.61	3.41	3.40	3.40	3.49
55-59	1.88	1.86	1.96	2.09	2.75
60-64	2.23	2.09	1.98	1.96	2.05
65-69	0.94	1.02	1.16	1.34	1.65
70 & over	1.63	1.51	1.60	1.73	1.27
N.S.	..	0.37	..	1.05	..
All ages	100.00	100.00	100.00	100.00	100.00

TABLE 1—*Contd.***COMBINED**

Age-groups	1971	1972	1973	1974	1975
MALE					
0-4	14.00	13.43	14.75	14.60	14.90
5-9	14.06	13.50	13.47	13.46	13.58
10-14	13.22	12.83	13.32	12.88	12.95
15-19	10.34	10.30	10.49	10.48	10.26
20-24	8.25	9.22	8.24	8.47	8.23
25-29	6.71	8.02	6.92	6.92	7.09
30-34	6.67	7.28	6.36	6.41	6.33
35-39	5.74	6.06	5.73	5.79	5.80
40-44	5.47	4.95	5.22	5.21	5.10
45-49	4.20	4.14	4.38	4.40	4.43
50-54	3.81	3.64	3.58	3.54	3.47
55-59	2.34	1.97	2.57	2.59	2.82
60-64	2.20	1.95	1.92	1.89	2.07
65-69	1.42	0.97	1.40	1.53	1.59
70 & over	1.56	1.33	1.51	1.51	1.38
N.S.	0.01	0.41	0.06	0.32	..
All ages	100.00	100.00	100.00	100.00	100.00
FEMALE					
0-4	13.91	13.15	14.51	14.53	14.85
5-9	14.16	14.11	13.78	13.62	13.51
10-14	13.49	13.11	13.10	12.83	13.00
15-19	10.40	10.77	10.82	10.87	10.96
20-24	8.48	10.10	8.58	8.69	8.59
25-29	7.12	8.31	7.30	7.31	7.36
30-34	7.04	6.78	6.56	6.53	6.50
35-39	5.69	5.77	9.73	5.76	5.76
40-44	5.03	4.48	4.91	4.83	4.78
45-49	3.57	3.18	3.66	3.75	3.97
50-54	3.46	3.18	3.24	3.24	3.25
55-59	2.31	1.74	2.52	2.55	2.61
60-64	2.20	2.23	2.04	2.02	1.86
65-69	1.40	1.07	1.51	1.52	1.61
70 & over	1.72	1.70	1.66	1.67	1.39
N.S.	0.02	0.32	0.05	0.28	..
All ages	100.00	100.00	100.00	100.00	100.00
PERSON					
0-4	13.96	13.29	14.65	14.57	14.88
5-9	14.11	13.80	13.62	13.51	13.54
10-14	13.35	12.96	13.21	12.86	12.98
15-19	10.37	10.53	10.65	10.67	10.61
20-24	8.36	9.75	8.41	8.58	8.40
25-29	6.91	8.16	7.11	7.12	7.22
30-34	6.85	7.04	6.46	6.47	6.41
35-39	5.72	5.92	5.73	5.77	5.78
40-44	5.26	4.72	5.07	5.02	4.94
45-49	3.89	3.67	4.03	4.08	4.20
50-54	3.64	3.47	3.41	3.39	3.37
55-59	2.32	1.86	2.54	2.57	2.72
60-64	2.20	2.09	1.98	1.95	1.97
65-69	1.41	1.02	1.50	1.52	1.60
70 & over	1.64	1.51	1.58	1.59	1.38
N.S.	0.01	0.37	0.05	0.30	..
All ages	100.00	100.00	100.00	100.00	100.00

TABLE 2

Estimated age-specific fertility rates and other fertility indicators, 1970-75

Age-groups	1971	1972	1973	1974	1975
RURAL					
15-19	114.6	115.7	104.0	87.6	88.0
20-24	234.8	212.2	209.6	197.1	213.0
25-29	232.8	218.1	194.4	204.9	206.5
30-34	183.4	161.8	162.3	154.4	156.8
35-39	129.0	123.6	97.3	92.1	97.2
40-44	49.7	56.3	50.7	43.7	43.7
45-49	16.7	15.0	15.2	16.1	10.2
Crude birth rate	34.6	32.8	30.1	29.5	29.7
General fertility rate	160.6	154.9	142.1	137.7	134.0
Total fertility rate	4.8	4.5	4.2	4.0	4.1
Gross reproduction rate	2.4	2.2	2.0	1.9	2.0
URBAN					
15-19	65.3	76.2	79.4	63.7	54.9
20-24	149.7	170.0	155.2	160.8	151.1
25-29	190.7	171.6	177.3	158.2	160.7
30-34	132.8	155.8	136.7	128.4	103.9
35-39	82.9	89.5	69.4	59.7	60.4
40-44	33.8	33.6	25.0	27.6	25.5
45-49	16.0	12.7	12.4	4.8	6.9
Crude birth rate	25.3	28.0	26.1	24.3	22.5
General fertility rate	114.7	124.4	115.7	108.5	100.3
Total fertility rate	3.4	3.5	3.3	3.0	2.8
Gross reproduction rate	1.6	1.7	1.6	1.5	1.4
COMBINED					
15-19	100.9	104.8	97.0	81.4	78.7
20-24	208.4	199.7	191.3	188.9	193.2
25-29	220.7	203.5	189.1	190.3	192.2
30-34	170.3	160.2	155.1	147.2	141.7
35-39	116.6	117.8	89.7	83.3	87.3
40-44	47.0	49.8	37.8	39.3	38.6
45-49	16.5	14.4	14.5	13.1	9.3
Crude birth rate	31.7	31.5	28.9	28.0	27.7
General fertility rate	147.7	146.2	134.3	129.1	124.5
Total fertility rate	4.4	4.3	3.9	3.7	3.7
Gross reproduction rate	2.2	2.1	1.9	1.8	1.8

TABLE 3

Mortality indicators, 1970-75

Year	Crude death rate	Infant mortality rate	Neo-natal mortality rate	Post-natal mortality rate	Peri-natal mortality rate	Still birth rate
RURAL						
1971	14.0	105	65.9	39.1	63.0	18.5
1972	14.3	102	66.1	35.9	62.2	22.2
1973	14.3	96	51.6	44.4	54.4	22.0
1974	12.4	98	65.3	32.7	62.3	17.8
1975	12.5	86	64.3	21.7	59.1	17.1
URBAN						
1971	7.2	54	29.6	24.4	36.0	13.9
1972	8.7	68	40.5	27.5	39.7	10.6
1973	7.7	68	36.9	31.1	47.7	18.1
1974	7.0	52	38.4	13.6	47.1	14.8
1975	7.5	60	34.2	25.8	36.5	12.4
COMBINED						
1971	12.1	95	58.1	36.9	57.2	17.5
1972	12.8	95	59.9	35.1	56.8	19.4
1973	12.4	90	47.9	42.1	53.1	21.0
1974	10.8	86	58.7	27.3	58.6	17.1
1975	11.1	80	57.4	22.6	53.9	16.0

TABLE 4

Estimated age-specific death rates by sex, 1970-75

		1971	1972	1973	1974	1975
RURAL						
MALE						
Age-groups						
0-4		46.1	39.9	36.1	32.3	33.0
5-9		4.8	4.9	4.1	4.7	3.2
10-14		2.0	2.3	2.8	2.6	2.6
15-19		1.7	2.4	2.5	1.7	2.4
20-24		5.3	2.7	3.4	1.9	2.0
25-29		2.9	3.4	3.8	2.3	4.0
30-34		3.0	4.8	5.8	3.9	3.7
35-39		4.1	4.6	3.9	7.0	5.9
40-44		7.1	5.8	6.5	8.4	7.4
45-49		9.4	12.1	11.6	12.1	13.2
50-54		19.9	14.6	15.9	17.4	22.8
55-59		33.3	25.6	34.6	33.4	28.3
60-64		36.9	50.5	35.4	35.1	34.9
65-69		67.1	60.9	56.6	57.1	60.6
70 & over		118.0	116.4	123.4	112.1	123.1
All ages		13.9	14.1	14.0	12.2	12.2
FEMALE						
0-4		40.5	41.2	40.7	35.9	28.8
5-9		4.6	5.6	7.5	4.2	4.1
10-14		2.5	2.0	4.0	1.6	2.1
15-19		3.9	3.3	5.0	2.5	5.2
20-24		5.0	5.7	6.5	4.4	4.7
25-29		3.7	6.4	4.5	3.9	3.8
30-34		3.7	8.6	4.1	4.6	4.0
35-39		4.6	6.1	6.4	4.4	5.5
40-44		7.1	8.0	7.1	5.1	6.9
45-49		6.1	9.5	9.0	9.8	8.6
50-54		13.9	17.2	16.4	14.8	10.1
55-59		14.2	22.2	19.3	27.2	25.8
60-64		33.6	31.6	38.8	28.6	30.6
65-69		47.3	59.9	55.8	43.0	47.5
70 & over		104.8	101.5	123.6	87.7	131.3
All ages		14.1	14.5	14.6	12.8	12.8
PERSON						
0-4		43.4	40.6	38.4	31.1	30.9
5-9		4.7	5.2	5.8	4.5	3.7
10-14		2.2	2.1	3.4	2.1	2.4
15-19		2.8	2.9	3.7	2.1	3.8
20-24		5.2	4.2	4.9	3.2	3.4
25-29		3.3	4.9	4.1	3.1	3.9
30-34		3.3	6.8	5.0	4.2	3.9
35-39		4.3	5.3	5.1	5.7	5.7
40-44		7.1	6.8	6.8	6.8	7.2
45-49		7.9	10.9	10.4	11.1	11.0
50-54		17.1	15.9	16.1	16.2	16.8
55-59		24.0	24.0	27.2	30.4	27.1
60-64		35.3	41.1	37.1	31.8	32.8
65-69		57.5	63.6	56.2	50.3	54.1
70 & over		111.3	108.7	123.5	99.8	127.3
All ages		14.0	14.3	14.3	12.4	12.5

TABLE 1—Contd.

URBAN

Age-groups	1971	1972	1973	1974	1975
MALE					
0-4	17.2	22.7	18.7	16.5	13.9
5-9	2.8	1.6	1.4	1.3	2.6
10-14	1.2	1.8	2.1	1.1	0.2
15-19	1.7	1.1	0.6	1.4	1.2
20-24	0.8	0.9	0.6	1.1	2.5
25-29	0.7	2.2	2.4	0.9	2.3
30-34	1.5	2.3	1.8	1.7	3.4
35-39	1.6	4.6	5.7	6.8	11.1
40-44	4.4	7.1	7.3	3.0	11.2
45-49	8.4	12.0	17.2	9.8	12.7
50-54	16.0	18.4	16.2	14.3	10.4
55-59	21.8	22.5	24.6	21.6	28.8
60-64	29.8	32.0	31.4	32.3	38.2
65-69	73.9	24.4	42.1	50.5	8.0
70 & over	79.1	93.5	63.0	86.7	10.9
All ages	7.0	8.5	7.4	6.9	7.2
FEMALE					
0-4	21.5	25.4	20.3	14.1	19.2
5-9	3.8	2.3	2.9	1.3	4.0
10-14	2.3	0.9	1.4	0.6	1.0
15-19	1.2	2.7	2.3	0.3	1.6
20-24	1.9	3.1	4.2	1.5	2.0
25-29	2.7	4.0	4.1	2.0	2.5
30-34	2.9	4.5	2.3	3.5	5.3
35-39	0.6	7.0	2.1	6.7	4.7
40-44	5.2	3.7	4.0	6.1	9.6
45-49	12.3	13.8	11.3	7.2	10.4
50-54	8.5	23.7	10.1	12.9	10.0
55-59	8.0	16.9	19.2	13.9	23.2
60-64	16.2	15.2	15.1	21.9	33.4
65-69	16.0	20.1	30.6	35.5	8.5
70 & over	61.5	75.8	43.3	51.8	10.8
All ages	7.4	8.9	7.9	7.2	7.8
PERSON					
0-4	19.2	24.0	19.4	15.4	16.5
5-9	3.3	1.9	2.2	1.3	3.3
10-14	1.7	1.4	1.8	0.9	0.6
15-19	1.5	1.9	1.1	0.8	1.4
20-24	1.4	2.0	2.4	1.3	2.2
25-29	1.7	3.1	3.3	1.4	2.4
30-34	2.2	3.3	2.1	2.5	4.3
35-39	1.1	5.7	3.9	6.7	8.1
40-44	4.7	5.5	5.7	4.5	10.5
45-49	10.0	12.8	14.8	8.7	11.7
50-54	12.5	20.7	13.4	13.7	10.2
55-59	15.3	19.9	22.0	17.8	26.3
60-64	22.7	23.3	22.7	26.9	36.3
65-69	45.7	22.2	36.6	43.2	8.3
70 & over	69.4	83.8	52.0	67.8	10.8
All ages	7.2	8.7	7.7	7.0	7.5

TABLE 1—Contd.

COMBINED

Age-groups	1971	1972	1973	1974	1975
MALE					
0-4	39.0	35.5	31.3	27.9	27.2
5-9	4.3	4.0	3.4	3.8	3.1
10-14	1.8	2.1	2.7	2.2	2.0
15-19	1.7	2.1	2.0	1.6	2.1
20-24	3.9	2.2	2.5	1.7	2.2
25-29	2.2	3.0	3.3	1.8	3.4
30-34	2.5	4.1	4.6	3.2	3.6
35-39	3.4	4.6	4.4	6.9	7.4
40-44	6.3	6.1	6.7	6.9	8.5
45-49	9.1	12.1	13.2	11.5	13.0
50-54	18.8	15.7	16.0	16.5	19.2
55-59	30.7	24.9	32.4	30.6	28.4
60-64	35.1	45.4	34.4	34.3	36.0
65-69	68.3	59.3	53.6	55.5	45.1
70 & over	108.3	110.7	107.6	104.6	90.6
All ages	11.9	12.6	12.1	10.6	10.9
FEMALE					
0-4	35.9	37.3	35.4	30.1	26.3
5-9	4.4	4.7	6.2	3.4	4.1
10-14	2.4	1.7	3.3	1.4	1.8
15-19	3.2	4.2	4.2	1.9	4.2
20-24	4.0	4.9	5.7	3.5	3.8
25-29	3.4	5.6	4.4	3.3	3.4
30-34	3.5	7.5	3.6	4.3	4.4
35-39	3.5	6.3	5.2	5.0	5.3
40-44	6.6	6.9	6.2	5.4	7.6
45-49	7.6	10.5	9.6	9.1	9.1
50-54	12.5	18.9	14.6	14.3	10.1
55-59	12.9	21.2	19.3	24.2	25.1
60-64	28.5	26.8	31.7	26.6	31.3
65-69	41.7	52.1	50.0	41.2	36.0
70 & over	92.4	94.4	98.7	76.1	102.9
All ages	12.3	16.9	12.8	10.9	11.3
PERSON					
0-4	37.5	36.3	33.3	29.0	26.8
5-9	4.3	4.3	4.8	3.6	3.5
10-14	2.1	1.9	3.0	1.8	1.9
15-19	2.4	2.6	3.1	1.8	3.2
20-24	4.0	3.5	4.1	2.6	3.0
25-29	2.8	4.3	3.9	2.6	3.4
30-34	3.0	5.8	4.1	3.7	4.0
35-39	3.4	5.4	4.8	6.0	6.4
40-44	6.5	6.5	6.5	6.2	8.1
45-49	8.4	11.4	11.6	10.4	11.2
50-54	15.9	17.2	15.4	15.5	14.9
55-59	22.1	23.1	26.0	27.5	26.8
60-64	31.9	36.1	33.0	30.4	33.8
65-69	55.3	55.8	51.8	48.5	40.4
70 & over	100.1	102.2	103.0	89.9	96.7
All ages	12.1	12.8	12.4	10.8	11.1

TABLE 5

Per cent distribution of sample births by type of medical attention at birth, 1970-75

Year	Type of medical attention at birth			
	I	T	U	O
RURAL				
1971	5.4	13.3	25.9	55.4
1972	5.6	11.4	23.9	56.1
1973	7.0	16.4	26.4	50.2
1974	6.9	17.5	27.2	48.4
1975	6.9	17.1	31.5	44.5
URBAN				
1971	47.5	12.3	11.4	28.8
1972	43.2	28.5	9.8	18.5
1973	50.1	13.2	10.6	26.1
1974	50.4	10.4	10.6	28.4
1975	55.6	11.8	8.1	24.5
COMBINED				
1971	13.6	13.1	23.1	50.2
1972	14.0	17.6	20.7	47.7
1973	16.9	15.7	22.8	44.6
1974	16.5	16.0	23.6	43.9
1975	16.9	16.0	26.7	40.4

I : Institutions like hospitals, maternity nursing homes, health centres, etc.

T : Delivery conducted in the home by doctor, trained dai, trained mid-wife, trained nurse, etc.

U : Delivery conducted in the home by untrained village dai or other untrained professional functionary

O : Delivery conducted in the home by relation and others excluding the above.

TABLE 6

Per cent distribution of sample deaths by type of medical attention at death, 1970-75

Year	Type of medical attention at death			
	I	M	U	N
RURAL				
1971	5.9	19.9	19.3	54.9
1972	6.2	20.1	21.8	51.9
1973	12.2	18.0	11.0	58.8
1974	4.6	14.8	16.6	64.0
1975	28.5	19.5	23.5	28.5
URBAN				
1971	24.4	31.5	8.6	35.5
1972	22.8	35.2	6.8	35.2
1973	27.1	32.2	9.1	31.3
1974	28.1	23.4	14.0	34.5
1975	31.8	24.8	17.7	25.7
COMBINED				
1971	8.6	21.5	17.7	52.2
1972	9.0	22.7	19.2	49.1
1973	14.5	20.1	10.8	54.6
1974	8.4	16.2	16.2	59.2
1975	29.1	20.4	22.5	28.0

I : If the death occurred in a hospital, dispensary, health centre, other medical institution, etc.

M : If the death occurred at home but was attended by a qualified practitioner.

U : If the death occurred at home and was attended by an unqualified practitioner.

N : No professional doctor/hakim/vaidya attended.

KERALA

TABLE I

Per cent distribution of estimated population by age-groups and sex, 1970-75

RURAL

Age-groups	1971	1972	1973	1974	1975
MALE					
0-4	13.36	13.37	13.16	12.84	12.46
5-9	13.99	13.87	13.90	13.54	12.98
10-14	12.89	13.15	12.91	12.73	12.76
15-19	11.78	11.49	11.55	11.56	11.78
20-24	9.07	9.34	9.47	9.78	9.81
25-29	6.40	6.25	6.64	7.22	7.58
30-34	5.78	5.69	5.56	5.58	5.47
35-39	5.36	5.28	5.29	5.25	5.31
40-44	5.07	5.02	4.85	4.91	4.66
45-49	4.42	4.48	4.60	4.53	4.55
50-54	3.47	3.52	3.51	3.52	3.69
55-59	2.81	2.86	2.93	2.88	3.00
60-64	2.04	2.04	2.02	2.10	2.17
65-69	1.59	1.65	1.66	1.57	1.64
70 & over	1.97	1.98	1.95	1.99	2.12
All ages	100.00	100.00	100.00	100.00	100.00
FEMALE					
0-4	12.81	12.76	12.59	11.92	11.68
5-9	13.35	13.42	13.37	12.95	12.42
10-14	12.23	12.40	12.28	12.06	11.98
15-19	11.82	11.65	11.68	11.80	11.76
20-24	9.91	9.84	9.76	10.43	10.62
25-29	6.98	6.80	7.12	7.60	8.05
30-34	6.25	6.23	6.05	6.06	5.92
35-39	5.73	5.69	5.82	5.74	5.64
40-44	5.13	5.25	5.19	5.23	5.13
45-49	4.01	4.08	4.21	4.24	4.38
50-54	3.33	3.32	3.29	3.27	3.44
55-59	2.58	2.73	2.85	2.90	2.92
60-64	2.03	2.05	2.07	2.05	2.12
65-69	1.71	1.70	1.68	1.65	1.64
70 & over	2.13	2.08	2.04	2.10	2.30
All ages	100.00	100.00	100.00	100.00	100.00
PERSON					
0-4	13.08	13.06	12.87	12.37	12.08
5-9	13.67	13.64	13.63	13.24	12.70
10-14	12.56	12.78	12.59	12.39	12.37
15-19	11.80	11.57	11.62	11.68	11.77
20-24	9.49	9.59	9.62	10.11	10.22
25-29	6.69	6.53	6.88	7.42	7.82
30-34	6.02	5.96	5.81	5.82	5.70
35-39	5.55	5.48	5.56	5.50	5.47
40-44	5.10	5.14	5.02	5.07	4.90
45-49	4.21	4.28	4.40	4.38	4.47
50-54	3.40	3.42	3.40	3.39	3.56
55-59	2.70	2.79	2.89	2.89	2.96
60-64	2.03	2.05	2.04	2.08	2.13
65-69	1.65	1.67	1.67	1.61	1.64
70 & over	2.05	2.04	2.00	2.05	2.21
All ages	100.00	100.00	100.00	100.00	100.00

TABLE I--Contd.

URBAN

Age-groups	1971	1972	1973	1974	1975
MALE					
0-4	12.86	12.89	12.84	13.01	12.68
5-9	13.53	13.28	13.39	12.60	12.52
10-14	12.85	12.91	11.99	12.18	11.76
15-19	11.46	11.31	11.84	11.52	12.02
20-24	9.93	9.98	9.63	9.91	9.82
25-29	6.93	7.14	8.05	8.33	8.69
30-34	5.88	5.85	5.87	6.05	6.10
35-39	5.82	5.70	5.55	5.53	5.43
40-44	5.06	5.29	5.32	5.31	5.25
45-49	4.49	4.35	4.50	4.15	4.08
50-54	3.52	3.76	3.59	3.83	3.93
55-59	2.44	2.41	2.50	2.50	2.54
60-64	2.15	2.09	1.96	1.98	1.93
65-69	1.44	1.48	1.40	1.37	1.42
70 & over	1.64	1.56	1.57	1.73	1.78
All ages	100.00	100.00	100.00	100.00	100.00
FEMALE					
0-4	12.36	12.12	12.20	12.25	11.99
5-9	12.81	12.59	12.62	11.88	11.73
10-14	12.52	12.16	11.31	11.67	11.33
15-19	12.31	12.52	12.83	12.26	12.16
20-24	10.01	10.25	10.34	11.20	11.45
25-29	7.41	7.24	8.25	8.30	8.16
30-34	5.93	6.12	5.98	6.05	6.12
35-39	5.81	5.60	5.47	5.14	5.09
40-44	4.88	5.30	5.35	5.32	5.27
45-49	4.33	4.13	4.16	3.96	3.87
50-54	3.18	3.30	3.23	3.60	3.70
55-59	2.54	2.49	2.54	2.47	2.59
60-64	2.35	2.38	2.29	2.30	2.28
65-69	1.52	1.49	1.50	1.49	1.64
70 & over	2.04	2.01	1.93	2.11	2.32
All ages	100.00	100.00	100.00	100.00	100.00
PERSON					
0-4	12.61	12.65	12.51	12.63	12.33
5-9	13.17	12.93	13.00	12.23	12.13
10-14	12.68	12.53	11.65	11.92	11.54
15-19	11.89	11.91	12.34	11.89	12.90
20-24	9.97	10.12	9.99	10.56	10.64
25-29	7.18	7.18	8.15	8.32	8.58
30-34	5.90	5.99	5.93	6.05	6.11
35-39	5.81	5.65	5.51	5.34	5.29
40-44	4.97	5.30	5.33	5.32	5.26
45-49	4.41	4.24	4.33	4.05	3.97
50-54	3.35	3.53	3.41	3.72	3.81
55-59	2.49	2.45	2.52	2.48	2.57
60-64	2.25	2.24	2.13	2.14	2.10
65-69	1.48	1.49	1.45	1.43	1.53
70 & over	2.84	1.79	1.75	1.92	2.05
All ages	100.00	100.00	100.00	100.00	100.00

TABLE 1—*Contd.***COMBINED**

Age-groups	1971	1972	1973	1974	1975
MALE					
0-4	13.23	13.30	13.11	12.86	12.51
5-9	13.92	13.78	13.82	13.39	12.91
10-14	12.89	13.52	12.77	12.64	12.60
15-19	11.73	11.46	11.60	11.56	11.82
20-24	9.20	9.13	9.49	9.80	9.82
25-29	6.48	6.38	6.85	7.39	7.75
30-34	5.80	5.71	5.61	5.66	5.57
35-39	5.42	5.34	5.31	5.29	5.33
40-44	5.07	5.06	4.92	4.97	4.75
45-49	4.43	4.46	4.58	4.47	4.48
50-54	3.43	3.56	3.52	3.57	3.73
55-59	2.76	2.80	2.86	2.82	2.93
60-64	2.05	2.05	2.02	2.09	2.13
65-69	1.57	1.63	1.62	1.54	1.60
70 & over	1.92	1.92	1.90	1.95	2.07
All ages	100.00	100.00	100.00	100.00	100.00
FEMALE					
0-4	12.75	12.71	12.53	11.97	11.73
5-9	13.27	13.29	13.26	12.79	12.32
10-14	12.27	12.37	12.14	12.00	11.88
15-19	11.89	11.77	11.85	11.87	11.82
20-24	9.92	9.90	9.85	10.55	10.74
25-29	7.04	6.86	7.29	7.71	8.11
30-34	6.21	6.22	6.04	6.06	5.95
35-39	5.74	6.67	5.76	5.65	5.56
40-44	5.09	5.26	5.21	5.24	5.15
45-49	4.06	4.09	4.20	4.19	4.31
50-54	3.31	3.32	3.28	3.32	3.48
55-59	2.57	2.69	2.81	2.83	2.87
60-64	2.07	2.10	2.10	2.09	2.14
65-69	1.68	1.67	1.68	1.63	1.64
70 & over	2.11	2.08	2.03	2.10	2.30
All ages	100.00	100.00	100.00	100.00	100.00
PERSON					
0-4	13.01	13.00	12.82	12.81	12.12
5-9	13.59	13.54	13.54	13.09	12.61
10-14	12.58	12.74	12.45	12.32	12.24
15-19	11.81	11.62	11.72	11.72	11.82
20-24	9.56	9.67	9.67	10.18	10.29
25-29	6.77	6.63	7.07	7.55	7.93
30-34	6.01	5.97	5.83	5.86	5.76
35-39	5.58	5.50	5.55	5.47	5.45
40-44	5.08	5.16	5.07	5.11	4.95
45-49	4.24	4.28	4.39	4.33	4.39
50-54	3.40	3.43	3.40	3.44	3.60
55-59	2.66	2.74	2.83	2.83	2.90
60-64	2.06	2.07	2.06	2.08	2.13
65-69	1.63	1.65	1.64	1.58	1.62
70 & over	2.02	2.00	1.96	2.03	2.19
All ages	100.00	100.00	100.00	100.00	100.00

TABLE 2

Estimated age-specific fertility rates and other fertility indicators, 1970-75

Age-groups	1971	1972	1973	1974	1975
RURAL					
15-19	49.1	50.6	48.6	44.5	41.6
20-24	213.9	212.6	206.4	179.3	188.5
25-29	226.6	236.5	221.8	190.2	194.8
30-34	175.6	174.9	153.6	134.3	134.0
35-39	110.4	119.2	99.9	86.3	94.1
40-44	43.6	45.7	38.6	25.6	29.6
45-49	6.9	6.3	6.0	6.9	5.4
Crude birth rate	31.3	31.5	29.4	26.7	26.1
General fertility rate	126.6	127.9	118.4	104.0	108.0
Total fertility rate	4.2	4.2	3.9	3.3	3.4
Gross reproduction rate	2.1	2.0	1.9	1.6	1.6
URBAN					
15-19	66.9	66.8	58.1	57.8	51.0
20-24	208.6	195.9	208.1	182.3	190.6
25-29	213.2	211.6	190.8	183.5	183.2
30-34	147.8	138.3	129.2	102.4	109.1
35-39	86.1	78.5	65.7	63.6	58.0
40-44	22.4	28.8	14.9	15.4	16.2
45-49	5.1	4.1	1.9	4.2	8.1
Crude birth rate	29.6	29.5	28.5	26.9	27.5
General fertility rate	118.4	114.0	108.7	101.8	103.7
Total fertility rate	3.8	3.6	3.3	3.0	3.1
Gross reproduction rate	1.9	1.8	1.7	1.4	1.5
COMBINED					
15-19	51.8	53.1	50.3	46.6	43.1
20-24	213.1	210.1	206.7	179.8	188.9
25-29	221.5	234.3	216.5	189.1	193.0
30-34	171.8	169.6	150.0	129.5	130.0
35-39	113.6	113.4	95.0	83.1	89.0
40-44	40.6	43.2	35.0	24.1	27.7
45-49	6.7	6.0	5.4	6.5	5.8
Crude birth rate	31.1	31.2	29.2	26.8	28.0
General fertility rate	125.4	125.8	116.9	103.7	107.3
Total fertility rate	4.1	4.1	3.8	3.3	3.4
Gross reproduction rate	2.0	2.0	1.8	1.6	1.6

TABLE 3
Mortality indicators, 1970-75

Year	Crude death rate	Infant mortality rate	Neo-natal mortality rate	Post-natal mortality rate	Peri-natal mortality rate	Still-birth rate
RURAL						
1971	9.1	60	39.1	20.9	42.5	17.2
1972	9.4	66	36.7	27.3	50.9	26.9
1973	8.7	57	31.3	25.7	44.4	25.0
1974	8.0	56	32.8	23.2	37.9	18.3
1975	8.5	57	36.1	20.9	45.0	19.4
URBAN						
1971	8.4	48	26.0	20.0	35.6	19.0
1972	7.6	43	24.1	18.9	39.4	23.3
1973	7.2	47	26.0	21.0	38.8	22.9
1974	7.0	44	24.6	19.4	33.1	17.4
1975	7.8	36	22.1	13.9	28.5	13.6
COMBINED						
1971	9.0	58	37.5	20.5	41.5	17.5
1972	9.2	63	36.7	26.3	49.3	26.4
1973	8.5	53	30.5	26.5	43.6	24.7
1974	7.8	54	31.5	22.5	37.2	18.1
1975	8.4	54	34.0	20.0	42.5	18.6

TABLE 4
Estimated age-specific death rates by sex, 1970-75
RURAL

Age-groups	1971	1972	1973	1974	1975
MALE					
0-4	25.2	26.1	20.8	18.1	20.3
5-9	2.3	2.5	3.2	2.4	2.3
10-14	1.3	0.7	1.1	0.7	1.0
15-19	1.8	1.5	0.7	0.9	1.0
20-24	1.6	2.1	1.5	1.9	2.1
25-29	2.1	2.1	2.3	2.0	2.8
30-34	1.7	3.1	3.3	3.3	2.6
35-39	4.0	3.7	4.4	3.8	3.5
40-44	5.7	5.1	5.5	6.0	6.0
45-49	6.9	10.0	8.1	8.1	8.9
50-54	10.7	9.3	14.2	11.0	13.0
55-59	18.9	15.7	15.4	17.4	21.1
60-64	23.5	30.2	26.3	28.4	26.1
65-69	40.3	44.3	41.1	44.6	47.4
70 & over	102.9	115.8	106.6	112.9	101.7
All ages	9.0	9.1	8.5	7.9	8.2
FEMALE					
0-4	25.0	26.1	21.2	20.7	21.6
5-9	2.5	3.2	2.6	1.6	1.9
10-14	6.9	0.5	0.7	0.8	1.3
15-19	1.4	1.0	1.2	1.4	1.3
20-24	2.4	1.9	1.6	1.6	1.7
25-29	1.4	1.7	2.4	2.0	3.1
30-34	2.9	4.2	3.0	2.2	1.1
35-39	3.9	4.4	3.3	2.3	2.8
40-44	4.5	4.0	3.8	2.9	2.9
45-49	7.3	6.2	6.5	4.0	4.3
50-54	5.9	9.4	9.4	6.9	7.6
55-59	11.1	13.3	10.8	8.4	12.1
60-64	22.4	19.9	17.9	20.5	16.7
65-69	46.4	43.4	31.1	35.0	40.5
70 & over	107.9	87.4	119.4	96.3	93.9
All ages	9.3	9.6	8.9	8.2	8.6
PERSON					
0-4	25.6	26.1	21.0	19.4	20.0
5-9	2.4	2.9	2.9	2.0	1.5
10-14	1.1	0.6	0.9	0.3	1.0
15-19	1.6	1.2	0.9	1.2	1.0
20-24	2.0	2.0	1.5	1.8	1.5
25-29	1.7	1.9	2.3	2.0	2.4
30-34	3.7	3.8	3.2	2.7	3.2
35-39	4.0	4.1	3.8	3.3	2.7
40-44	5.1	4.5	4.6	4.4	4.4
45-49	7.1	8.2	7.3	6.2	6.8
50-54	8.3	9.3	11.8	9.0	10.8
55-59	15.3	14.5	13.1	12.8	17.7
60-64	23.0	25.0	22.0	24.4	22.6
65-69	43.5	43.8	36.0	39.6	43.9
70 & over	102.4	101.1	113.2	104.2	97.6
All ages	9.1	9.4	8.7	8.0	8.5

TABLE 4—Contd.

URBAN

Age-groups	1971	1972	1973	1974	1975
MALE					
0-4	20.2	17.2	17.9	15.9	13.1
5-9	2.0	2.9	1.4	2.3	1.4
10-14	0.6	0.2	1.1	1.6	1.2
15-19	0.9	1.0	0.9	0.8	1.2
20-24	3.4	1.6	0.9	2.7	1.8
25-29	0.9	3.3	3.3	0.3	1.6
30-34	2.5	2.8	2.9	1.0	1.2
35-39	3.2	3.4	3.8	1.9	2.9
40-44	7.8	4.0	4.1	5.5	9.1
45-49	11.0	12.0	7.0	8.3	16.1
50-54	11.6	18.8	15.3	15.7	15.1
55-59	33.3	29.0	23.1	14.0	22.4
60-64	29.6	40.4	29.6	44.5	46.8
65-69	53.5	42.1	60.8	77.6	70.9
70 & over	132.8	83.8	96.5	82.4	100.4
All ages	8.0	7.4	7.0	6.8	7.5

FEMALE

0-4	20.5	17.4	15.6	14.1	12.6
5-9	2.0	1.8	1.6	1.5	3.6
10-14	0.8	0.6	0.8	0.9	0.9
15-19	0.2	0.7	1.8	1.7	1.2
20-24	2.3	1.2	1.5	1.3	1.1
25-29	1.1	1.4	1.6	1.1	1.3
30-34	1.7	1.5	1.3	0.9	2.6
35-39	1.4	3.8	2.2	2.2	1.6
40-44	4.7	2.7	3.3	4.2	3.1
45-49	5.5	4.4	4.8	2.5	0.6
50-54	11.3	5.0	8.4	9.7	7.2
55-59	12.8	14.1	13.9	14.1	10.0
60-64	24.6	28.8	21.1	32.0	33.3
65-69	34.3	52.7	48.3	35.1	36.5
70 & over	96.7	100.2	67.5	69.1	94.8
All ages	8.9	7.9	7.4	7.2	7.9

PERSON

0-4	20.4	17.3	16.8	15.0	12.9
5-9	2.0	2.4	1.5	1.9	2.5
10-14	0.7	0.4	1.1	1.2	1.0
15-19	0.5	0.8	1.3	1.3	1.2
20-24	2.9	1.5	1.2	1.9	1.4
25-29	1.0	2.3	2.4	0.7	1.5
30-34	2.1	2.1	2.1	0.9	1.9
35-39	2.3	3.6	3.0	2.0	2.3
40-44	6.3	3.4	3.7	4.8	6.1
45-49	8.3	8.3	5.9	7.4	8.5
50-54	11.5	12.3	12.0	12.7	11.2
55-59	22.8	21.3	18.6	14.1	16.1
60-64	26.9	34.2	25.0	26.8	39.4
65-69	43.6	37.1	54.3	55.3	52.4
70 & over	112.7	93.1	80.3	75.0	97.2
All ages	8.4	7.8	7.2	7.0	7.8

TABLE 4—Contd.

COMBINED

Age-groups	1971	1972	1973	1974	1975
MALE					
0-4	24.5	24.8	20.3	17.8	19.2
5-9	2.2	2.6	2.9	2.1	2.2
10-14	1.2	0.7	1.1	0.8	1.1
15-19	1.6	1.5	0.7	0.9	1.0
20-24	1.9	2.0	1.4	2.1	2.0
25-29	1.9	2.3	2.5	1.7	2.6
30-34	1.4	3.3	3.3	2.9	2.1
35-39	3.9	3.6	4.3	3.5	3.1
40-44	6.0	4.9	5.3	5.9	6.5
45-49	7.6	6.3	7.9	8.1	9.9
50-54	10.8	10.7	14.3	11.8	13.1
55-59	20.8	17.1	16.5	16.9	21.3
60-64	24.1	31.7	26.8	30.7	29.0
65-69	42.1	44.0	43.7	49.1	50.6
70 & over	106.7	112.0	105.3	108.8	101.5
All ages	8.8	9.0	8.1	7.6	8.1

FEMALE

0-4	24.4	24.9	20.4	19.7	20.2
5-9	2.4	3.0	2.5	1.6	2.1
10-14	0.9	0.5	0.7	0.8	1.2
15-19	1.2	0.9	1.3	1.5	1.3
20-24	2.4	1.8	1.6	1.6	1.6
25-29	1.4	1.6	2.3	1.8	2.8
30-34	2.7	3.8	2.7	2.0	1.3
35-39	3.5	4.3	3.1	2.7	2.6
40-44	4.6	3.8	3.7	3.1	2.9
45-49	7.1	5.9	6.3	3.8	3.8
50-54	6.7	8.8	9.2	7.4	7.6
55-59	11.6	13.4	11.3	9.2	11.8
60-64	22.8	21.4	18.4	19.1	19.4
65-69	44.8	42.0	33.5	35.0	39.9
70 & over	101.1	89.3	112.0	92.2	94.0
All ages	9.2	9.4	8.7	7.9	8.8

PERSON

0-4	24.5	24.8	20.4	18.7	19.7
5-9	2.3	2.8	2.7	2.0	2.2
10-14	1.1	0.6	0.9	0.8	1.1
15-19	1.4	1.2	1.0	1.2	1.2
20-24	2.2	1.9	1.5	1.8	1.8
25-29	1.6	1.9	2.4	1.8	2.7
30-34	3.5	3.6	3.0	2.4	1.8
35-39	3.7	4.0	3.7	3.1	3.0
40-44	5.3	4.3	4.5	4.4	4.6
45-49	7.3	8.2	7.1	6.1	6.9
50-54	8.8	9.8	11.8	9.6	10.5
55-59	16.3	15.4	13.9	13.0	16.5
60-64	23.6	26.4	22.5	24.8	24.1
65-69	43.5	43.0	38.5	41.8	45.1
70 & over	103.8	100.0	108.8	100.0	97.5
All ages	9.0	9.2	8.5	7.8	8.1

TABLE 5

Per cent distribution of sample births by type of medical attention at birth, 1970-75

Year	Type of medical attention at birth			
	I	T	U	O
RURAL				
1971	27.6	31.6	26.9	13.9
1972	25.1	19.3	38.9	16.7
1973	26.0	20.4	36.2	17.4
1974	28.2	20.8	37.5	13.5
1975	28.8	21.8	34.8	14.6
URBAN				
1971	49.6	24.1	16.1	10.2
1972	52.8	22.0	16.8	8.4
1973	56.6	23.3	15.1	5.0
1974	59.0	22.2	15.8	3.0
1975	57.8	23.0	15.6	3.6
COMBINED				
1971	32.7	29.9	24.4	13.0
1972	31.1	19.9	34.1	14.9
1973	33.0	21.1	31.3	14.6
1974	35.5	21.1	32.3	11.1
1975	35.5	22.1	30.4	12.0

I : Institutions like hospitals, maternity nursing homes, health centres, etc.

T : Delivery conducted in the home by doctor, trained dai, trained mid-wife, trained nurse, etc.

U : Delivery conducted in the home by untrained village dai or other untrained professional functionary.

O : Delivery conducted in the home by relation and others excluding the above.

TABLE 6

Per cent distribution of sample deaths by type of medical attention at death, 1970-75

Year	Type of medical attention at death			
	I	M	U	N
RURAL				
1971	41.3	45.5	9.9	3.3
1972	18.9	34.2	17.0	29.9
1973	17.4	32.7	21.7	28.2
1974	17.6	36.2	19.1	27.1
1975	20.1	35.8	16.5	27.6
URBAN				
1971	21.0	51.7	5.9	21.4
1972	27.7	50.6	5.5	16.2
1973	27.1	54.5	4.1	14.3
1974	24.1	55.2	6.7	13.7
1975	22.9	61.3	2.6	13.2
COMBINED				
1971	36.8	46.9	9.0	7.3
1972	20.6	37.4	14.3	27.2
1973	19.4	37.1	18.1	25.4
1974	19.0	40.2	16.5	24.3
1975	20.8	41.4	13.4	24.4

I : If the death occurred in a hospital, dispensary, health centre, other medical institution etc.

M : If the death occurred at home but was attended by a qualified practitioner.

U : If the death occurred at home and was attended by an unqualified practitioner.

N : No professional doctor hakim/ vaidya attended.

MADHYA PRADESH

TABLE 1
Per cent distribution of estimated population by
age-groups and sex, 1970-75

RURAL

Age-groups	1970	1971	1972	1973	1974	1975
MALE						
0-4	16.89	18.00	19.32	17.37	16.24	14.28
5-9	14.73	14.80	15.50	14.96	14.87	14.76
10-14	12.16	12.09	12.12	12.50	13.19	13.94
15-19	8.09	7.67	7.77	8.88	9.31	9.97
20-24	6.47	6.42	6.21	6.48	6.85	7.29
25-29	7.08	6.74	6.71	6.55	6.49	5.93
30-34	6.63	6.80	6.52	6.61	6.37	6.32
35-39	6.88	6.79	6.56	6.31	6.34	6.17
40-44	5.60	5.45	5.22	5.39	5.41	5.52
45-49	4.53	4.27	4.20	4.30	4.35	4.40
50-54	3.76	3.88	3.75	3.56	3.57	3.73
55-59	2.19	2.34	2.42	2.42	2.49	2.75
60-64	2.51	2.36	2.28	2.28	2.11	2.12
65-69	1.26	1.18	1.18	1.22	1.20	1.40
70 & over	1.22	1.21	1.24	1.19	1.21	1.42
All ages	100.00	100.00	100.00	100.00	100.00	100.00
FEMALE						
0-4	17.06	18.07	19.91	17.92	16.56	14.71
5-9	14.75	15.17	14.61	15.01	14.99	14.92
10-14	11.63	11.13	10.78	11.74	12.55	13.69
15-19	7.18	7.18	7.36	8.10	8.50	8.85
20-24	7.35	7.06	6.95	6.88	6.88	6.92
25-29	7.52	7.68	7.12	6.98	6.91	6.62
30-34	7.30	7.39	7.26	7.22	7.01	6.90
35-39	6.22	5.98	5.91	6.10	6.24	6.03
40-44	5.24	5.02	4.86	4.91	5.03	5.39
45-49	4.18	4.16	4.17	4.03	4.06	4.08
50-54	3.57	3.47	3.38	3.37	3.40	3.50
55-59	2.29	2.40	2.46	2.49	2.61	2.67
60-64	2.63	2.55	2.45	2.51	2.44	2.41
65-69	1.36	1.98	1.22	1.28	1.32	1.60
70 & over	1.72	1.56	1.55	1.46	1.50	1.70
All ages	100.00	100.00	100.00	100.00	100.00	100.00
PERSON						
0-4	16.98	18.03	19.60	17.64	16.39	14.49
5-9	14.74	14.98	14.56	14.99	14.93	14.84
10-14	11.90	11.62	11.47	12.13	12.88	13.82
15-19	7.65	7.43	7.57	8.50	8.91	9.42
20-24	6.90	6.73	6.57	6.67	6.87	7.11
25-29	7.30	7.20	6.91	6.75	6.70	6.27
30-34	6.95	7.09	6.86	6.91	6.68	6.60
35-39	6.56	6.40	6.25	6.21	6.29	6.10
40-44	5.42	5.24	5.04	5.16	5.22	5.46
45-49	4.36	4.21	4.18	4.17	4.21	4.25
50-54	3.66	3.68	3.57	3.46	3.49	3.62
55-59	2.24	2.37	2.47	2.45	2.55	2.71
60-64	2.57	2.45	2.36	2.39	2.27	2.26
65-69	1.31	1.19	1.20	1.25	1.26	1.50
70 & over	1.46	1.38	1.39	1.32	1.35	1.55
All ages	100.00	100.00	100.00	100.00	100.00	100.00

TABLE 1—Contd.

URBAN

Age-groups	1970	1971	1972	1973	1974	1975
MALE						
0-4	13.93	12.15	12.17	12.45	12.41	12.22
5-9	14.69	14.64	14.90	13.56	13.31	13.24
10-14	12.98	13.68	12.73	13.45	13.12	13.52
15-19	10.24	9.97	11.44	11.27	11.68	11.62
20-24	8.13	9.41	8.76	9.65	9.32	9.82
25-29	7.22	7.06	7.75	7.79	7.74	7.65
30-34	6.92	7.42	6.79	7.25	6.42	6.36
35-39	6.19	5.72	6.21	5.86	5.94	6.01
40-44	5.28	5.81	5.36	5.42	5.20	5.16
45-49	4.13	3.80	3.99	3.83	4.24	4.24
50-54	3.65	3.85	3.52	3.46	3.44	3.43
55-59	2.08	2.06	2.13	2.02	2.66	2.55
60-64	2.03	1.99	1.85	1.75	1.64	1.64
65-69	1.13	1.12	1.08	1.07	1.43	1.24
70 & over	1.40	1.32	1.32	1.17	1.45	1.30
All ages	100.00	100.00	100.00	100.00	100.00	100.00
FEMALE						
0-4	15.20	13.23	13.03	12.82	12.40	12.44
5-9	15.09	14.97	14.79	14.43	13.93	13.81
10-14	12.93	13.68	13.58	13.69	13.51	13.51
15-19	9.58	9.48	10.75	10.89	11.48	11.44
20-24	7.86	8.84	8.20	9.02	8.82	9.43
25-29	8.30	7.55	6.21	8.30	7.52	7.14
30-34	6.42	7.55	6.70	7.07	6.64	7.07
35-39	5.99	5.88	6.24	5.73	5.42	5.26
40-44	4.58	5.04	4.96	5.08	5.16	5.24
45-49	3.47	3.23	3.49	3.22	3.80	3.82
50-54	3.28	3.42	3.32	3.21	3.16	3.09
55-59	1.98	1.89	1.85	2.03	2.71	2.57
60-64	2.48	2.43	2.14	2.13	1.83	1.86
65-69	1.15	1.07	1.07	1.06	1.72	1.58
70 & over	1.79	1.74	1.67	1.59	1.90	1.74
All ages	100.00	100.00	100.00	100.00	100.00	100.00
PERSON						
0-4	14.53	12.65	12.58	12.62	12.41	12.23
5-9	14.88	14.80	14.85	13.98	13.61	13.51
10-14	12.96	13.68	13.13	13.56	13.31	13.51
15-19	9.88	9.74	11.11	11.09	11.59	11.53
20-24	8.00	9.14	8.49	9.35	9.08	9.63
25-29	7.74	7.29	7.97	7.90	7.64	7.40
30-34	6.68	7.48	6.75	7.17	6.52	6.71
35-39	6.09	5.80	6.28	5.80	5.69	5.65
40-44	4.95	5.44	5.16	5.26	5.18	5.20
45-49	3.81	3.53	3.75	3.54	4.03	4.04
50-54	3.47	3.65	3.42	3.34	3.30	3.27
55-59	2.04	1.98	2.00	2.03	2.68	2.56
60-64	2.25	2.20	1.99	1.92	1.73	1.75
65-69	1.14	1.10	1.08	1.07	1.57	1.40
70 & over	1.58	1.52	1.49	1.37	1.66	1.51
All ages	100.00	100.00	100.00	100.00	100.00	100.00

TABLE 1—*Concl'd.***COMBINED**

Age-groups	1970	1971	1972	1973	1974	1975
MALE						
0-4	16.46	17.16	18.28	16.64	15.68	13.93
5-9	14.72	14.78	14.56	14.76	14.64	14.54
10-14	12.28	12.32	12.21	12.64	13.18	13.88
15-19	8.40	8.00	8.30	9.24	9.65	10.21
20-24	6.72	6.85	6.58	6.94	7.22	7.66
25-29	7.10	6.79	6.86	6.72	6.68	6.18
30-34	6.67	6.89	6.56	6.71	6.37	6.33
35-39	6.78	6.64	6.52	6.24	6.28	6.15
40-44	5.55	5.50	5.24	5.39	5.38	5.57
45-49	4.48	4.20	4.17	4.23	4.33	4.37
50-54	3.74	3.87	3.72	3.54	3.55	3.68
55-59	2.18	2.30	2.38	2.36	2.52	2.72
60-64	2.44	2.31	2.22	2.20	2.04	2.05
65-69	1.24	1.17	1.16	1.20	1.24	1.38
70 & over	1.24	1.22	1.25	1.19	1.24	1.40
All ages	100.00	100.00	100.00	100.00	100.00	100.00

FEMALE

0-4	16.80	17.40	18.93	17.19	15.97	14.38
5-9	14.80	15.14	14.64	14.93	14.84	14.77
10-14	11.81	11.48	11.17	12.02	12.69	13.67
15-19	7.51	7.49	7.84	8.49	8.92	9.22
20-24	7.42	7.30	7.13	7.18	7.16	7.27
25-29	7.63	7.66	7.28	7.13	7.00	6.69
30-34	5.17	7.41	7.14	7.20	6.96	6.93
35-39	6.19	5.96	5.97	6.05	6.12	5.92
40-44	5.15	5.03	4.87	4.94	5.05	5.37
45-49	4.08	4.03	4.07	3.91	4.02	4.05
50-54	3.52	3.46	3.37	3.34	3.37	3.44
55-59	2.25	2.34	2.42	2.43	2.62	2.66
60-64	2.61	2.53	2.40	2.46	2.35	2.33
65-69	1.33	1.18	1.20	1.25	1.30	1.60
70 & over	1.73	1.59	1.57	1.48	1.55	1.70
All ages	100.00	100.00	100.00	100.00	100.00	100.00

PERSON

0-4	16.62	17.28	18.60	16.91	15.82	14.18
5-9	14.76	14.95	14.60	14.84	14.74	14.65
10-14	12.06	11.91	11.71	12.34	12.94	13.77
15-19	7.97	7.75	8.08	8.87	9.30	9.73
20-24	7.06	7.07	6.84	7.06	7.19	7.47
25-29	7.36	7.21	7.06	6.92	6.83	6.43
30-34	6.91	7.14	6.84	6.95	6.66	6.62
35-39	6.49	6.31	6.24	6.14	6.21	6.04
40-44	5.36	5.27	5.06	5.17	5.22	5.42
45-49	4.28	4.12	4.13	4.08	4.18	4.22
50-54	3.64	3.67	3.55	3.45	3.46	3.57
55-59	2.21	2.32	2.40	2.39	2.57	2.69
60-64	2.52	2.42	2.31	2.32	2.19	2.18
65-69	1.28	1.18	1.18	1.23	1.30	1.48
70 & over	1.48	1.40	1.40	1.33	1.39	1.55
All ages	100.00	100.00	100.00	100.00	100.00	100.00

TABLE 2

Estimated age-specific fertility rates and other fertility indicators, 1970-75

Age-groups	1970	1971	1972	1973	1974	1975
RURAL						
15-19	162.6	181.4	176.2	146.2	135.8	155.0
20-24	310.4	301.5	295.6	282.3	279.3	307.6
25-29	279.4	251.5	263.4	254.0	252.4	287.7
30-34	223.3	220.9	222.8	210.0	215.5	243.4
35-39	89.4	162.0	163.4	149.0	137.3	160.4
40-44	80.8	79.6	86.6	80.2	74.6	72.6
45-49	22.4	15.2	35.7	32.3	20.1	35.6
Crude birth rate	40.7	40.0	40.4	38.3	37.5	41.7
General fertility rate	183.4	189.5	192.0	177.4	171.3	191.7
Total fertility rate	5.8	6.1	6.2	5.8	5.6	6.3
Gross reproduction rate	2.8	2.9	3.1	2.8	2.7	3.1
URBAN						
15-19	89.2	97.4	88.9	85.9	7.2	74.6
20-24	241.4	265.2	278.8	248.1	252.4	249.0
25-29	249.1	242.0	227.0	238.2	236.6	229.2
30-34	167.7	161.1	169.1	156.8	155.2	162.8
35-39	100.8	108.9	66.6	92.6	89.1	93.5
40-44	43.8	36.8	32.0	27.3	31.2	42.7
45-49	14.9	27.2	16.7	13.8	6.3	4.3
Crude birth rate	32.2	34.5	32.9	32.8	31.8	32.6
General fertility rate	146.3	151.9	141.5	140.9	136.3	136.1
Total fertility rate	4.5	4.7	4.4	4.3	4.3	4.3
Gross reproduction rate	2.3	2.3	2.5	2.0	2.1	2.1
COMBINED						
15-19	149.4	166.8	159.3	135.2	125.2	140.8
20-24	300.0	295.4	292.9	276.2	274.6	296.8
25-29	274.7	250.3	257.6	251.4	250.0	278.8
30-34	216.3	212.6	215.6	202.5	208.7	231.7
35-39	91.0	154.8	149.1	141.4	131.2	152.0
40-44	76.1	73.7	78.8	72.5	68.3	68.4
45-49	21.5	16.5	33.4	30.1	18.2	31.4
Crude birth rate	39.3	39.1	39.3	37.4	36.6	40.3
General fertility rate	178.0	184.0	184.2	171.8	165.9	183.1
Total fertility rate	5.6	5.6	5.9	5.5	5.4	6.0
Gross reproduction rate	2.7	2.7	2.9	2.6	2.6	3.0

TABLE 3
Mortality indicators 1970-75

Year	Crude death rate	Infant mortality rate	Neo-natal mortality rate	Post-natal mortality rate	Peri-natal mortality rate	Still-birth rate
RURAL						
1970	17.5	152	82.4	69.6	55.8	14.7
1971	16.6	144	72.4	71.6	54.0	8.5
1972	19.9	165	86.1	78.9	65.8	14.1
1973	17.9	152	73.8	78.2	59.6	12.2
1974	16.9	145	82.6	62.4	71.8	15.2
1975	19.8	159	87.5	71.5	66.1	13.1
URBAN						
1970	10.7	113	57.2	55.8	52.3	7.2
1971	9.8	79	42.1	36.9	46.2	13.0
1972	11.6	102	55.6	46.4	55.7	12.8
1973	11.2	106	56.0	50.0	52.2	14.1
1974	9.6	83	46.1	36.9	39.7	5.6
1975	11.1	90	45.3	44.7	39.0	12.3
COMBINED						
1970	16.4	144	79.3	64.7	55.4	13.8
1971	15.6	135	68.7	66.3	53.1	9.1
1972	18.7	156	82.5	73.5	64.6	14.0
1973	16.9	145	71.5	73.5	58.6	12.4
1974	15.8	137	78.1	58.9	67.8	14.0
1975	18.5	151	82.7	68.3	63.0	13.0

TABLE 4
Estimated age-specific death rates by sex, 1970-75
RURAL

Age-groups	1970	1971	1972	1973	1974	1975
MALE						
0-4	60.9	51.1	56.8	53.7	57.0	68.3
5-9	4.1	5.9	6.0	4.5	5.3	4.4
10-14	1.9	2.7	2.5	3.8	1.7	3.6
15-19	3.7	2.4	1.3	2.7	2.7	3.5
20-24	4.1	4.1	4.3	6.1	4.3	2.7
25-29	3.4	2.8	6.2	3.6	4.1	5.3
30-34	2.3	2.4	2.2	6.0	2.2	3.2
35-39	3.4	6.0	6.1	5.0	5.7	6.9
40-44	8.0	6.7	8.4	5.4	6.2	7.0
45-49	13.1	15.2	13.6	8.2	11.0	15.0
50-54	22.6	20.4	18.5	19.7	15.9	19.1
55-59	39.7	17.3	27.0	29.4	23.1	35.9
60-64	35.0	34.9	39.2	39.8	48.9	36.6
65-69	42.3	29.3	40.5	52.6	74.1	56.8
70 & over	91.5	108.7	119.4	125.1	120.5	123.0
All ages	17.6	16.3	18.7	17.2	16.9	18.5
FEMALE						
0-4	57.6	53.3	63.0	56.9	53.2	85.3
5-9	4.3	4.7	6.8	6.7	5.4	5.8
10-14	4.4	4.4	3.7	3.8	2.0	3.0
15-19	5.5	7.1	2.9	2.8	3.5	5.3
20-24	6.5	3.4	4.6	3.4	7.4	6.9
25-29	7.2	5.5	7.2	5.0	4.8	7.4
30-34	3.5	6.7	5.6	6.0	6.5	3.5
35-39	5.8	8.8	4.9	5.4	6.0	2.7
40-44	8.7	7.0	4.9	7.2	8.6	7.6
45-49	18.4	8.6	11.6	12.0	8.7	6.3
50-54	12.4	16.7	19.5	15.4	17.7	13.8
55-59	7.3	15.6	24.5	24.5	16.4	22.9
60-64	22.7	27.1	22.2	35.1	38.9	37.5
65-69	35.7	53.1	50.7	70.5	58.3	41.7
70 & over	76.1	95.7	127.9	135.8	96.7	118.1
All ages	17.2	17.5	21.1	19.0	16.8	21.0
PERSON						
0-4	59.3	52.1	59.9	55.3	55.1	76.7
5-9	4.2	5.3	6.4	5.6	5.4	5.1
10-14	3.1	3.5	3.0	3.8	1.8	3.3
15-19	4.5	4.6	2.1	2.8	3.1	4.3
20-24	5.4	3.8	4.5	4.7	5.8	4.7
25-29	5.3	4.2	6.7	4.3	4.5	6.4
30-34	3.1	4.6	3.9	6.0	4.4	3.4
35-39	4.5	7.3	5.6	5.2	5.8	4.9
40-44	8.3	6.9	6.7	6.2	7.3	7.3
45-49	15.6	12.0	12.7	10.0	9.9	10.9
50-54	17.8	18.7	18.9	17.7	16.8	16.6
55-59	23.6	16.4	52.7	27.0	19.1	29.6
60-64	28.9	30.9	35.7	37.4	43.7	37.1
65-69	39.0	41.0	45.5	61.5	66.0	48.9
70 & over	82.7	101.5	124.0	130.9	107.6	120.4
All ages	17.5	16.6	19.9	17.9	16.9	19.8

TABLE 4—Contd.
URBAN

Age-groups	1970	1971	1972	1973	1974	1975
MALE						
0-4	31.1	26.4	36.4	37.6	23.1	31.2
5-9	2.5	1.9	2.9	2.8	1.5	1.3
10-14	0.3	2.2	0.8	1.5	1.8	1.0
15-19	1.3	1.3	1.1	0.3	1.3	1.1
20-24	2.6	3.0	2.8	1.4	3.4	2.2
25-29	3.2	4.3	1.2	0.8	3.1	2.6
30-34	1.1	3.5	2.6	2.2	0.7	1.5
35-39	4.4	5.4	5.7	7.3	1.9	7.7
40-44	2.5	3.2	5.7	7.8	5.6	6.0
45-49	6.8	6.1	14.5	10.5	10.0	9.5
50-54	17.0	16.7	22.2	17.2	14.9	10.2
55-59	19.6	34.0	26.8	46.2	18.5	34.7
60-64	42.9	37.8	54.3	30.2	34.8	53.5
65-69	28.2	29.9	52.9	41.4	60.8	72.0
70 & over	86.4	116.1	102.3	163.5	93.6	118.0
All ages	1.0	9.5	11.1	11.3	8.7	10.9

FEMALE

0-4	36.1	33.1	45.9	39.9	39.2	37.5
5-9	3.8	4.3	5.1	2.2	2.3	2.8
10-14	2.4	1.0	1.0	0.7	0.4	2.1
15-19	4.9	3.6	1.2	3.4	1.2	4.6
20-24	3.7	2.2	5.0	5.6	2.5	1.3
25-29	2.6	3.0	2.9	1.4	4.5	4.9
30-34	4.6	3.1	3.5	1.9	4.5	0.7
35-39	4.2	5.2	4.8	5.2	4.0	6.0
40-44	5.5	5.5	7.0	10.7	4.0	4.7
45-49	3.2	6.2	10.3	6.1	10.0	5.9
50-54	10.2	8.1	12.1	9.9	12.9	15.3
55-59	10.6	14.3	13.6	21.7	16.5	14.5
60-64	18.3	28.3	27.1	32.4	32.9	32.5
65-69	50.0	39.9	37.5	39.7	40.3	42.4
70 & over	87.0	72.5	75.0	87.5	77.1	73.9
All ages	11.4	9.9	11.8	11.0	10.7	10.6

PERSON

0-4	35.2	29.7	41.1	38.7	30.8	35.8
5-9	3.1	3.1	3.9	2.5	1.9	2.0
10-14	1.3	1.6	0.9	1.1	1.1	1.5
15-19	2.9	2.4	1.1	1.8	1.3	2.0
20-24	3.2	2.6	3.8	3.4	3.0	1.8
25-29	2.9	3.7	2.0	1.1	3.8	3.7
30-34	2.7	3.3	3.1	2.0	2.5	1.1
35-39	4.3	5.3	5.3	6.3	2.8	6.9
40-44	3.8	4.2	6.3	9.1	4.8	5.3
45-49	5.2	6.6	12.6	8.6	10.0	7.9
50-54	14.0	12.8	16.6	13.8	14.0	12.5
55-59	15.4	25.1	21.0	34.5	17.6	24.9
60-64	30.0	32.8	40.4	31.4	33.8	42.7
65-69	38.7	34.5	45.6	40.6	50.1	56.0
70 & over	86.7	92.4	87.7	156.0	84.6	99.1
All ages	10.7	9.8	11.6	11.2	9.6	11.1

TABLE 4—Contd.
COMBINED

Age-groups	1970	1971	1972	1973	1974	1975
MALE						
0-4	57.6	48.6	54.9	51.9	53.1	64.0
5-9	3.9	5.3	5.5	4.3	4.8	4.0
10-14	1.7	2.6	2.2	3.4	1.7	3.2
15-19	3.2	2.2	1.3	2.3	2.4	3.1
20-24	3.9	3.9	4.0	5.1	4.1	2.6
25-29	3.3	3.0	5.4	3.1	3.9	4.8
30-34	2.5	2.6	2.3	5.4	2.0	3.0
35-39	3.5	6.0	6.0	5.3	5.1	7.0
40-44	7.2	6.2	8.0	5.7	6.1	6.8
45-49	12.2	14.1	13.7	8.5	10.9	14.2
50-54	21.8	19.8	19.0	19.3	15.8	17.9
55-59	36.8	19.4	27.0	31.6	22.4	35.7
60-64	36.0	35.2	41.0	38.6	47.2	38.6
65-69	40.4	29.4	42.2	51.1	71.9	58.0
70 & over	90.7	109.8	116.8	130.7	115.9	122.3
All ages	16.5	15.3	17.6	16.3	15.7	17.4

FEMALE

0-4	54.8	51.2	61.4	55.1	51.6	79.4
5-9	4.3	4.6	6.6	6.1	5.0	5.4
10-14	4.1	3.9	3.2	3.3	1.8	2.9
15-19	5.4	6.5	2.6	2.9	3.1	4.9
20-24	6.1	3.2	4.7	3.8	6.5	5.9
25-29	6.5	5.1	6.5	4.5	4.8	7.0
30-34	3.6	6.2	5.3	5.4	6.2	3.1
35-39	5.6	8.3	4.9	5.4	5.8	3.1
40-44	8.3	6.8	5.2	7.7	7.9	7.2
45-49	16.6	8.4	11.5	11.3	7.9	6.3
50-54	12.1	15.6	18.5	14.7	17.1	14.0
55-59	7.7	15.4	23.3	24.2	16.4	21.6
60-64	22.1	27.2	31.5	34.8	38.3	36.8
65-69	37.4	51.4	49.0	66.8	55.1	41.8
70 & over	80.0	92.2	119.9	128.4	93.3	113.4
All ages	16.4	16.5	19.8	17.8	16.0	19.5

PERSON

0-4	56.2	49.8	58.1	53.5	52.4	71.6
5-9	4.1	5.0	6.0	5.2	4.9	4.7
10-14	2.8	3.2	2.7	3.3	1.7	3.1
15-19	4.2	4.2	1.9	2.6	2.8	3.9
20-24	5.0	3.6	4.2	4.5	5.3	4.2
25-29	4.9	4.1	5.9	3.8	4.4	5.9
30-34	3.1	4.4	3.8	5.4	4.1	3.0
35-39	4.5	7.0	5.5	5.3	5.4	5.2
40-44	7.7	6.5	6.7	6.6	7.0	7.0
45-49	14.2	11.4	12.7	9.8	9.9	10.5
50-54	17.3	17.9	18.7	17.1	16.4	15.1
55-59	22.5	17.5	25.2	26.9	19.4	29.0
60-64	29.1	31.2	36.2	35.7	24.6	37.7
65-69	38.9	40.1	45.5	58.9	63.3	49.9
70 & over	83.3	100.1	118.5	12.9	103.7	117.4
All ages	16.4	15.6	18.7	16.9	15.8	18.5

TABLE 5

Per cent distribution of sample births by type of medical attention at birth, 1970-75

Year	Type of medical attention at birth			
	I	T	U	O
RURAL				
1970	1.1	9.2	62.6	27.1
1971	1.4	6.7	66.1	25.8
1972	1.1	6.5	67.1	25.3
1973	2.5	5.9	46.6	45.0
1974	1.5	6.7	63.7	28.1
1975	0.8	7.2	64.7	27.3
URBAN				
1970	33.7	12.3	46.7	7.3
1971	32.4	13.3	38.2	11.1
1972	33.8	16.6	38.8	10.8
1973	38.5	8.9	46.1	6.5
1974	39.7	7.7	45.8	6.8
1975	40.3	6.5	46.1	7.1
COMBINED				
1970	11.1	10.1	57.8	21.0
1971	9.0	9.6	59.2	22.2
1972	8.6	8.8	60.6	22.0
1973	11.1	6.6	46.6	35.9
1974	10.5	6.9	59.5	23.1
1975	9.6	7.0	60.6	22.8

I : Institutions like hospitals, maternity/nursing homes, health centres, etc.

T : Delivery conducted in the home by doctor, trained dai, trained mid-wife, trained nurse, etc.

U : Delivery conducted in the home by untrained village dai or other untrained professional functionary.

O : Delivery conducted in the home by relation and others excluding the above.

TABLE 6

Per cent distribution of sample deaths by type of medical attention at death, 1970-75

Year	Type of medical attention at death			
	I	M	U	N
RURAL				
1970	6.0	18.5	39.6	35.9
1971	2.9	20.0	39.7	37.4
1972	2.4	19.9	46.2	31.5
1973	7.9	13.3	41.2	37.6
1974	2.3	18.8	45.9	33.0
1975	0.9	18.6	45.4	35.1
URBAN				
1970	25.5	49.6	10.9	14.0
1971	20.3	54.5	16.4	8.8
1972	21.8	58.2	5.3	14.7
1973	18.4	55.9	7.5	18.2
1974	18.6	46.6	8.2	26.6
1975	20.7	41.8	12.7	24.8
COMBINED				
1970	11.0	26.5	32.2	30.3
1971	6.1	26.3	35.4	32.2
1972	5.6	26.1	39.5	28.8
1973	9.8	21.0	35.1	34.1
1974	5.1	23.7	39.3	31.9
1975	4.2	22.4	40.0	33.4

I : If the death occurred in a hospital, dispensary, health centre, other medical institution, etc.

M: If the death occurred at home but was attended by a qualified practitioner.

U : If the death occurred at home and was attended by an unqualified practitioner.

N : No professional doctor/hakim/vaidya attended.

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TABLE 1 *Contd.***COMBINED**

Age-groups	1970	1971	1972	1973	1974	1975
MALE						
0-4	13.19	13.20	13.61	13.65	13.38	13.26
5-9	13.59	13.58	13.69	13.44	13.24	13.19
10-14	12.49	12.49	12.71	12.90	12.68	12.71
15-19	10.13	10.13	10.03	10.09	10.46	10.53
20-24	8.07	8.07	7.95	8.27	8.33	8.48
25-29	7.58	7.58	7.55	7.40	7.32	7.32
30-34	7.02	7.02	6.67	6.81	6.70	6.71
35-39	6.35	6.35	6.38	6.06	6.09	6.02
40-44	5.62	5.62	5.56	5.61	5.58	5.52
45-49	4.57	4.58	4.58	4.49	4.62	4.63
50-54	3.64	3.64	3.56	3.62	3.77	3.75
55-59	2.67	2.67	2.75	2.69	2.76	2.72
60-64	2.22	2.21	2.18	2.19	2.17	2.21
65-69	1.43	1.43	1.41	1.43	1.52	1.52
70 & over	1.43	1.43	1.37	1.35	1.38	1.43
All ages	100.00	100.00	100.00	100.00	100.00	100.00

FEMALE

0-4	13.58	13.58	14.00	13.81	13.51	13.49
5-9	14.20	14.20	13.83	13.72	13.58	13.36
10-14	12.52	12.52	12.68	12.88	12.66	12.69
15-19	9.02	9.02	9.11	9.25	9.77	10.10
20-24	7.95	7.95	7.91	8.11	8.13	8.10
25-29	7.91	7.91	7.68	7.48	7.47	7.43
30-34	7.38	7.38	7.24	7.23	7.05	6.95
35-39	6.31	6.31	6.40	6.25	6.29	6.24
40-44	5.23	5.23	5.15	5.31	5.33	5.38
45-49	4.07	4.07	4.24	4.18	4.26	4.31
45-50	3.19	3.19	3.45	3.53	3.56	3.53
55-59	2.64	2.64	2.66	2.66	2.71	2.70
60-64	2.43	2.43	2.33	2.37	2.30	2.29
65-69	1.58	1.58	1.57	1.56	1.69	1.70
70 & over	1.69	1.69	1.75	1.66	1.69	1.73
All ages	100.00	100.00	100.00	100.00	100.00	100.00

PERSON

0-4	13.38	13.38	13.80	13.73	13.44	13.37
5-9	13.88	13.88	13.76	13.58	13.40	13.27
10-14	12.50	12.50	12.69	12.89	12.67	12.70
15-19	9.60	9.60	9.58	9.68	10.13	10.32
20-24	8.01	8.01	7.93	8.19	8.23	8.32
25-29	7.74	7.74	7.61	7.44	7.39	7.37
30-34	7.19	7.19	6.95	7.01	6.87	6.83
35-39	6.33	6.33	6.39	6.15	6.19	6.13
40-44	5.43	5.43	5.36	5.46	5.45	5.46
45-49	4.33	4.33	4.42	4.34	4.45	4.47
50-54	3.57	3.57	3.50	3.58	3.67	3.65
55-59	2.66	2.66	2.71	2.67	2.74	2.71
60-64	2.32	2.32	2.26	2.28	2.23	2.25
65-69	1.50	1.50	1.49	1.49	1.61	1.61
70 & over	1.56	1.56	1.55	1.51	1.53	1.57
All ages	100.00	100.00	100.00	100.00	100.00	100.00

TABLE 2

Estimated age-specific fertility rates and other fertility indicators, 1970-75

Age-groups	1970	1971	1972	1973	1974	1975
RURAL						
15-19	79.0	81.0	89.0	88.0	82.0	77.0
20-24	215.0	243.0	261.0	217.0	243.0	225.0
25-29	222.0	236.0	242.0	218.0	211.0	229.0
30-34	193.0	209.0	190.0	159.0	156.0	167.0
35-39	121.0	126.0	116.0	97.0	82.0	96.0
40-44	51.0	53.0	47.0	41.0	32.0	37.0
45-49	21.4	18.0	13.0	16.0	10.8	15.0
Gross birth rate	32.1	33.7	33.5	28.9	29.1	29.9
General fertility rate	139.0	149.0	147.0	128.0	125.0	128.0
Total fertility rate	4.5	4.9	4.8	4.2	4.1	4.3
Gross reproduction rate	2.2	2.5	2.4	2.0	2.1	2.0
URBAN						
15-19	80.0	75.0	75.0	74.0	66.0	78.0
20-24	238.0	198.0	222.0	227.0	226.0	232.0
25-29	215.0	226.0	203.0	207.0	212.0	212.0
30-34	158.0	137.0	140.0	112.0	135.0	122.0
35-39	80.0	87.0	78.0	66.0	68.0	63.0
40-44	24.0	30.0	25.0	18.0	23.0	25.0
45-49	11.7	5.0	7.0	7.0	9.4	9.0
Gross birth rate	30.4	29.0	29.4	28.5	28.8	29.4
General fertility rate	133.0	125.0	124.0	120.0	121.0	123.0
Total fertility rate	4.0	3.9	3.6	3.6	3.7	3.7
Gross reproduction rate	1.9	1.9	1.8	1.8	1.8	2.0
COMBINED						
15-19	79.5	79.0	84.0	83.0	77.0	77.5
20-24	223.0	226.0	247.0	219.0	237.0	228.0
25-29	219.0	233.0	229.0	213.0	211.5	223.0
30-34	184.0	185.0	175.0	143.0	150.0	153.0
35-39	108.0	115.0	105.0	88.0	78.0	86.0
40-44	43.0	46.0	41.0	34.0	29.0	34.0
45-49	18.8	17.0	11.0	14.0	10.4	14.0
Gross birth rate	31.5	32.2	32.2	28.8	29.0	29.7
General fertility rate	137.0	141.0	140.0	124.0	124.0	126.0
Total fertility rate	4.4	4.6	4.5	3.9	4.1	4.3
Gross reproduction rate	2.1	2.2	2.2	1.9	1.9	2.0

TABLE 3
Mortality indicators, 1970-75

Year	Crude death rate	Infant mortality rate	Neo-natal mortality rate	Post-natal mortality rate	Peri-natal mortality rate	Still birth rate
RURAL						
1970	13.0	102	68.4	33.6	57.2	13.7
1971	13.5	111	70.3	40.7	62.1	15.2
1972	14.5	114	70.0	44.0	61.6	17.8
1973	15.6	126	65.6	60.4	57.9	16.9
1974	12.6	103	63.0	40.0	57.7	15.8
1975	12.2	97	67.0	30.0	62.9	19.5
URBAN						
1970	9.8	84	45.9	38.1	38.9	8.6
1971	9.7	88	50.4	37.6	51.3	16.6
1972	9.0	70	38.4	31.6	39.0	13.9
1973	9.3	94	49.7	40.3	50.4	12.9
1974	9.0	59	33.0	26.0	32.8	12.0
1975	9.6	80	48.8	31.2	42.2	10.7
COMBINED						
1970	11.9	98	61.5	36.5	51.6	12.1
1971	12.3	105	64.6	40.4	59.0	15.6
1972	12.8	101	61.0	40.0	55.2	16.7
1973	13.6	116	60.6	55.4	55.6	15.7
1974	11.5	89	53.6	35.4	49.9	14.6
1975	11.4	92	61.3	30.7	56.5	16.8

TABLE 4
Estimated age-specific death rates by sex, 1970-75

Age-groups	RURAL					
	1970	1971	1972	1973	1974	1975
MALE						
0-4	39.0	44.5	44.4	47.8	38.0	35.2
5-9	4.9	3.1	4.0	5.8	3.9	3.5
10-14	2.1	1.7	1.6	1.3	1.8	1.3
15-19	2.5	1.6	3.4	1.7	2.8	2.3
20-24	3.7	2.8	4.0	4.1	3.4	1.6
25-29	4.3	2.1	2.0	4.4	2.8	3.1
30-34	3.8	5.3	3.3	3.2	3.2	4.4
35-39	3.0	4.9	4.9	5.0	6.3	5.1
40-44	5.0	4.8	14.0	6.5	7.9	8.6
45-49	11.4	9.5	13.2	9.4	9.4	8.5
50-54	13.0	21.0	21.8	20.0	15.7	18.7
55-59	23.6	22.9	31.4	28.2	21.4	25.6
60-64	45.9	36.0	42.1	54.7	39.2	28.4
65-69	42.9	47.9	69.4	67.3	73.3	58.8
70 & over	117.8	98.7	128.7	141.9	139.5	127.7
All ages	12.8	13.1	14.1	15.2	12.3	12.0
FEMALE						
0-4	44.3	47.2	43.9	47.1	36.3	35.2
5-9	4.4	4.2	3.9	5.7	4.2	4.1
10-14	2.0	1.7	2.8	1.4	3.2	0.9
15-19	2.4	2.5	1.4	4.5	3.1	2.3
20-24	3.0	3.1	4.8	3.5	2.3	4.1
25-29	3.7	6.3	2.3	6.3	2.1	3.9
30-34	4.7	4.1	3.9	3.0	5.6	5.4
35-39	4.1	4.8	5.9	5.9	3.2	3.8
40-44	4.0	6.5	6.3	6.2	6.3	4.4
45-49	10.3	5.7	7.1	10.5	10.4	6.9
50-54	11.7	11.6	11.4	15.4	11.2	18.7
55-59	14.9	13.2	19.5	15.5	17.2	16.6
60-64	23.2	26.3	31.4	30.6	29.7	35.1
65-69	44.4	35.7	39.1	74.8	39.6	52.2
70 & over	105.4	97.9	123.4	131.9	100.3	123.7
All ages	13.3	13.7	14.8	15.9	12.9	12.4
PERSON						
0-4	41.6	45.9	44.2	47.5	37.2	35.2
5-9	3.8	3.6	4.0	5.8	4.1	3.8
10-14	2.0	1.7	2.2	1.4	2.5	1.1
15-19	2.5	2.0	2.5	3.0	2.9	2.3
20-24	3.3	3.0	4.4	3.8	2.8	2.8
25-29	4.0	4.3	2.1	5.3	2.4	3.5
30-34	4.3	4.7	3.6	3.1	4.5	4.9
35-39	3.5	4.9	5.4	5.5	4.7	4.5
40-44	4.5	5.6	10.3	6.4	7.1	6.5
45-49	10.9	7.7	10.4	9.9	9.9	7.8
50-54	12.4	16.4	16.7	17.8	13.5	13.9
55-59	19.4	18.1	25.6	22.0	19.4	21.2
60-64	34.4	31.2	36.8	42.5	34.4	31.8
65-69	43.6	41.6	53.7	71.1	56.0	55.4
70 & over	111.3	98.3	125.7	136.4	118.0	125.5
All ages	13.0	13.5	14.5	15.6	12.6	12.2

TABLE 4—Contd.

URBAN

Age-groups	1970	1971	1972	1973	1974	1975
MALE						
0—4	31.5	35.2	24.2	27.8	23.1	28.4
5—9	3.4	1.4	3.1	1.2	1.2	3.8
10—14	1.3	2.7	0.3	0.8	1.7	1.4
15—19	1.8	0.7	1.3	1.5	2.2	1.5
20—24	2.5	2.1	0.9	1.6	1.4	1.9
25—29	3.2	2.2	2.0	1.9	1.4	3.1
30—34	5.8	4.1	4.5	4.1	4.4	1.9
35—39	1.8	7.4	2.2	6.4	6.9	4.0
40—44	6.7	7.1	6.7	6.6	7.4	6.0
45—49	9.0	9.3	5.7	11.0	10.1	10.5
50—54	13.0	12.5	17.6	11.4	11.1	12.0
55—59	27.2	25.7	18.2	20.1	30.2	26.9
60—64	31.1	32.8	40.3	29.2	42.7	30.4
65—69	59.6	53.5	57.7	56.1	51.3	50.4
70 & over	80.7	76.2	95.0	85.6	83.5	83.5
All ages	9.4	9.2	8.8	9.0	8.7	9.3

FEMALE

0—4	31.8	31.4	28.2	32.5	27.4	29.5
5—9	3.0	2.8	2.0	2.4	2.7	1.9
10—14	1.8	0.8	1.2	1.5	0.7	0.6
15—19	3.1	1.1	0.8	3.2	1.5	2.0
20—24	1.5	2.5	2.9	2.9	2.2	2.8
25—29	3.8	3.9	2.8	2.4	1.7	2.9
30—34	6.6	3.3	2.5	1.5	1.1	2.8
35—39	5.4	4.8	4.1	3.0	4.1	4.7
40—44	8.5	3.1	1.5	4.4	3.6	4.2
45—49	10.4	5.6	7.8	5.5	8.6	6.5
50—54	6.2	7.9	14.3	7.9	11.4	2.7
55—59	10.4	10.6	16.0	20.9	11.2	11.8
60—64	17.0	27.4	30.7	30.6	19.3	42.5
65—69	32.2	42.8	51.6	49.1	37.2	60.7
70 & over	87.5	92.9	131.1	98.0	80.3	86.6
All ages	10.1	10.3	9.3	9.7	9.3	9.9

PERSON

0—4	31.7	33.3	26.2	30.1	25.2	29.0
5—9	3.2	2.1	2.6	2.0	2.0	2.9
10—14	1.5	1.8	0.7	1.1	1.2	1.0
15—19	2.3	0.9	1.0	2.2	1.9	1.7
20—24	2.1	2.2	1.8	2.2	1.8	2.3
25—29	3.5	3.0	2.3	2.1	1.5	3.1
30—34	6.1	3.8	3.6	2.9	2.9	2.3
35—39	3.4	6.0	2.9	4.9	5.7	4.3
40—44	7.4	5.4	4.5	5.6	5.7	5.2
45—49	9.6	7.7	6.6	8.6	9.5	8.8
50—54	10.0	10.5	16.2	9.8	12.6	7.9
55—59	19.6	18.9	17.2	20.4	21.6	19.8
60—64	21.1	30.0	35.4	29.9	31.6	36.4
65—69	45.7	47.2	51.7	52.5	44.4	70.5
70 & over	84.2	81.7	113.5	91.9	81.9	85.1
All ages	9.8	9.7	9.0	9.3	9.0	9.6

TABLE 4—Contd.

COMBINED

Age-groups	1970	1971	1972	1973	1974	1975
MALE						
0—4	36.9	43.5	38.9	42.1	33.6	32.2
5—9	4.4	2.6	3.8	4.7	3.2	3.6
10—14	1.8	2.0	1.2	1.2	1.7	1.3
15—19	2.2	1.3	2.7	1.6	2.6	2.1
20—24	3.2	2.5	2.7	3.0	2.6	1.7
25—29	3.8	2.1	2.0	3.3	2.2	3.1
30—34	4.5	4.8	3.8	3.6	3.6	3.4
35—39	2.5	5.7	3.9	5.5	6.5	4.7
40—44	5.5	5.6	11.5	6.5	7.7	7.7
45—49	10.6	9.5	10.7	9.9	9.9	9.2
50—54	13.0	18.1	20.4	17.3	14.1	16.6
55—59	24.7	23.7	27.6	25.9	24.1	26.0
60—64	41.5	35.0	41.6	47.4	40.3	29.0
65—69	47.1	49.3	66.4	64.5	66.8	56.4
70 & over	105.3	91.2	118.1	124.9	119.5	112.9
All ages	11.7	12.0	12.5	13.4	11.2	11.9

FEMALE

0—4	40.7	45.7	39.5	42.9	33.6	33.5
5—9	3.6	3.8	3.4	4.8	3.8	3.5
10—14	1.9	1.4	2.3	1.4	2.5	0.8
15—19	2.6	2.0	1.2	4.1	2.6	2.2
20—24	2.5	2.8	4.1	3.3	2.2	3.6
25—29	3.8	5.5	2.4	4.9	2.9	3.5
30—34	5.2	3.8	3.5	2.5	4.2	4.6
35—39	4.5	4.7	5.3	5.0	3.5	4.1
40—44	5.3	5.4	4.9	5.6	5.4	4.4
45—49	10.3	5.6	7.5	9.1	9.6	6.8
50—54	10.2	10.6	12.2	13.4	12.1	7.0
55—59	13.7	12.5	18.6	16.9	15.6	15.2
60—64	21.1	26.7	31.2	30.6	26.9	37.2
65—69	41.3	37.5	42.1	68.3	38.8	57.4
70 & over	99.7	96.4	125.6	122.9	93.7	112.3
All ages	12.1	12.5	13.1	13.8	11.9	11.9

PERSON

0—4	38.7	41.6	39.2	42.5	33.6	33.4
5—9	4.0	3.2	3.6	4.8	3.5	3.5
10—14	1.9	1.7	1.7	1.3	2.1	1.1
15—19	2.4	1.6	2.0	2.8	2.6	2.1
20—24	2.8	2.7	3.4	3.1	2.4	2.6
25—29	3.8	3.8	2.2	4.1	2.1	3.3
30—34	4.9	4.3	3.6	3.0	3.9	4.0
35—39	3.5	5.2	4.6	5.3	5.0	4.4
40—44	5.4	5.6	8.5	6.1	6.6	6.1
45—49	10.5	7.7	9.3	9.5	9.7	8.1
50—54	11.7	14.5	16.5	15.5	13.2	12.1
55—59	19.4	18.3	23.3	21.6	20.0	20.8
60—64	31.4	30.8	36.4	38.9	33.6	33.1
65—69	44.1	43.2	54.0	66.4	52.5	56.9
70 & over	102.4	94.0	122.2	123.8	105.7	112.6
All ages	11.9	12.3	12.8	13.6	11.5	11.4

TABLE 5

Per cent distribution of sample births by type of medical attention at birth, 1970-75

Year	Type of medical attention at birth			
	I	T	U	O
RURAL				
1970	5.3	5.5	37.1	52.4
1971	6.3	5.6	35.6	52.5
1972	6.6	5.5	38.3	49.4
1973	7.2	6.7	40.9	45.2
1974	8.0	7.5	36.9	47.6
1975	8.5	7.4	38.5	45.6
URBAN				
1970	57.7	5.1	16.5	20.7
1971	58.3	4.2	15.8	21.7
1972	58.5	4.1	16.8	20.6
1973	63.8	4.4	14.5	17.3
1974	61.6	6.5	16.7	15.2
1975	64.6	5.2	15.6	14.6
COMBINED				
1970	20.9	5.4	30.9	42.8
1971	21.0	5.2	10.0	43.8
1972	21.3	5.2	32.3	41.2
1973	24.4	6.0	32.9	36.7
1974	21.4	7.2	30.7	37.7
1975	25.8	6.8	31.4	36.0

I : Institutions like hospitals, maternity/nursing homes, health centres, etc.

T : Delivery conducted in the home by doctor, trained dai, trained mid-wife, trained nurse, etc.

U : Delivery conducted in the home by untrained village dai or other untrained professional functionary.

O : Delivery conducted in the home by relation and others excluding the above.

TABLE 6

Per cent distribution of sample deaths by type of medical attention at death, 1970-75

Year	Type of medical attention at death			
	I	M	U	N
RURAL				
1970	6.5	21.8	67.1	4.6
1971	7.0	17.6	65.6	9.8
1972	6.9	17.2	57.7	18.2
1973	6.7	17.7	50.4	25.2
1974	6.9	19.6	46.6	26.9
1975	6.9	15.0	48.9	29.2
URBAN				
1970	28.6	47.5	1.7	22.2
1971	25.9	46.6	..	27.5
1972	25.7	43.4	..	30.9
1973	26.9	53.1	1.2	18.8
1974	26.7	61.9	4.5	6.9
1975	29.0	59.6	3.4	8.0
COMBINED				
1970	12.1	28.3	50.6	9.0
1971	11.6	24.7	49.7	14.0
1972	10.9	22.8	45.5	20.8
1973	10.9	25.0	40.2	23.9
1974	11.5	29.5	36.8	22.2
1975	12.5	26.4	37.4	23.7

I : If the death occurred in a hospital, dispensary, health centre, other medical institution etc.

M : If the death occurred at home but was attended by a qualified practitioner.

U : If the death occurred at home and was attended by an unqualified practitioner.

N : No professional doctor/hakim/vaidya attended.

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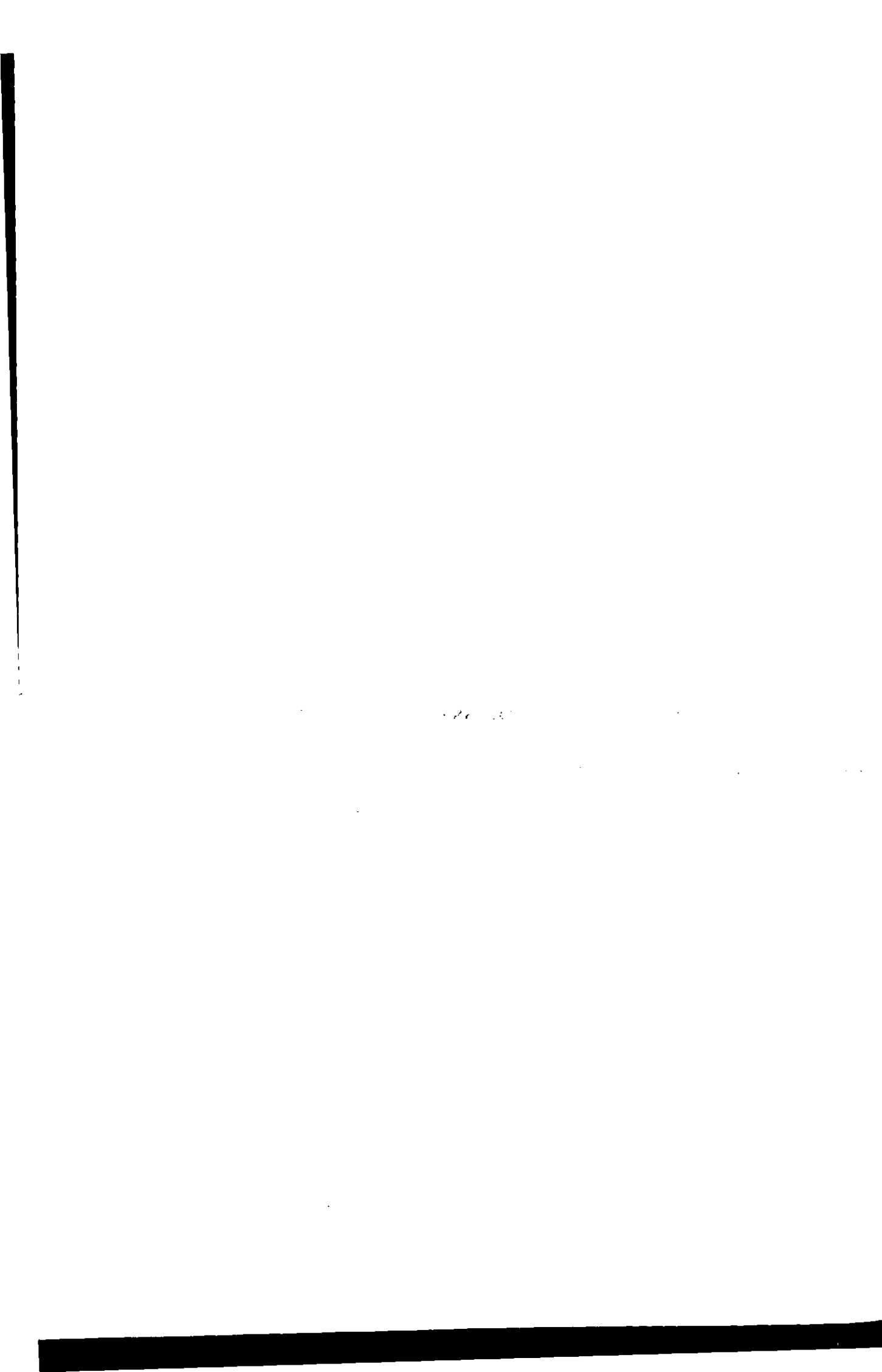


TABLE 1

Percent distribution of estimated population by age-groups and sex, 1970-75

RURAL						
Age-groups	1970	1971	1972	1973	1974	1975
MALE						
0-4	13.93	13.43	14.29	13.58	13.36	13.47
5-9	14.89	14.97	14.55	14.15	13.67	13.23
10-14	13.28	12.86	13.29	13.49	13.69	13.71
15-19	8.40	9.32	9.73	10.12	10.34	10.84
20-24	7.19	7.18	7.05	7.36	7.65	7.68
25-29	7.01	6.96	6.89	6.51	6.37	6.69
30-34	7.11	6.90	6.76	6.71	6.51	6.15
35-39	6.38	6.50	6.18	5.98	5.66	5.90
40-44	6.07	6.14	5.91	5.97	5.89	5.45
45-49	4.10	4.21	4.27	4.54	4.83	5.14
50-54	4.00	4.06	3.79	3.72	3.74	3.61
55-59	2.60	2.62	2.59	2.88	3.05	3.09
60-64	2.56	2.49	2.35	2.21	2.25	2.06
65-69	1.10	1.04	1.09	1.44	1.62	1.68
70 & over	1.27	1.32	1.25	1.34	1.37	1.30
All ages	100.00	100.00	100.00	100.00	100.00	100.00
FEMALE						
0-4	14.06	13.46	14.03	13.51	12.96	13.02
5-9	15.63	15.85	15.47	14.98	14.28	13.50
10-14	12.74	12.62	12.93	13.09	13.72	14.10
15-19	8.22	8.85	8.94	9.58	9.66	10.12
20-24	7.72	7.77	7.80	7.85	8.11	7.88
25-29	7.36	7.36	7.12	6.53	6.37	6.55
30-34	7.94	7.90	7.79	7.38	7.00	6.66
35-39	5.80	5.93	5.86	6.01	6.44	6.79
40-44	5.30	5.21	5.22	5.38	5.37	5.16
45-49	3.68	3.64	3.68	4.06	4.25	4.56
50-54	3.90	3.93	3.75	3.58	3.48	3.28
55-59	2.36	2.34	2.38	2.81	3.09	3.20
60-64	2.53	2.40	2.42	2.18	2.04	1.97
65-69	1.09	1.07	1.13	1.41	1.66	1.69
70 & over	1.56	1.58	1.46	1.65	1.57	1.52
All ages	100.00	100.00	100.00	100.00	100.00	100.00
PERSON						
0-4	13.99	13.45	14.16	13.54	13.16	13.25
5-9	15.26	15.41	15.01	14.56	13.98	13.37
10-14	13.01	12.74	13.11	13.29	13.70	13.90
15-19	8.31	9.08	9.34	9.85	10.00	10.48
20-24	7.46	7.47	7.42	7.61	7.88	7.78
25-29	7.18	7.16	7.01	6.52	6.37	6.62
30-34	7.53	7.39	7.27	7.04	6.76	6.40
35-39	6.09	6.22	6.02	5.99	6.05	6.34
40-44	5.69	5.68	5.57	5.68	5.63	5.30
45-49	3.89	3.93	3.98	4.30	4.54	4.85
50-54	3.97	4.00	3.77	3.65	3.61	3.45
55-59	2.48	2.48	2.49	2.85	3.07	3.15
60-64	2.54	2.49	2.38	2.19	2.14	2.01
65-69	1.09	1.05	1.11	1.43	1.64	1.69
70 & over	1.41	1.45	1.35	1.50	1.47	1.41
All ages	100.00	100.00	100.00	100.00	100.00	100.00

TABLE 1—Contd.

URBAN						
Age-groups	1970	1971	1972	1973	1974	1975
MALE						
0-4	13.33	12.59	13.96	13.11	12.50	12.89
5-9	15.05	15.13	14.99	14.99	14.56	13.99
10-14	12.15	13.07	12.59	13.16	13.18	13.63
15-19	8.47	8.44	8.33	8.84	9.71	10.15
20-24	7.83	8.06	8.23	7.97	7.83	7.75
25-29	8.09	7.80	7.66	7.73	7.67	7.57
30-34	7.81	8.05	7.97	7.81	7.34	7.46
35-39	7.28	6.95	6.46	6.53	6.76	6.67
40-44	5.98	6.14	5.91	6.15	5.97	5.73
45-49	4.40	4.03	4.01	3.95	4.22	4.27
50-54	3.40	3.45	3.59	3.44	3.40	3.32
55-59	2.02	1.96	2.01	1.97	2.40	2.38
60-64	1.89	2.00	1.93	1.95	1.63	1.55
65-69	0.96	0.93	0.98	1.01	1.28	1.18
70 & over	1.34	1.40	1.38	1.39	1.55	1.46
All ages	100.00	100.00	100.00	100.00	100.00	100.00
FEMALE						
0-4	14.39	12.63	14.00	13.34	12.76	12.69
5-9	15.96	15.92	15.36	15.35	15.22	14.92
10-14	11.55	12.76	12.43	13.14	13.49	13.75
15-19	8.99	8.61	8.70	8.90	9.44	9.47
20-24	8.48	9.01	8.72	8.80	8.70	8.88
25-29	8.97	8.60	8.53	8.34	8.03	7.97
30-34	7.52	8.03	7.95	7.72	7.46	7.59
35-39	6.06	6.12	5.85	6.11	5.96	5.90
40-44	4.39	4.57	4.74	4.62	4.86	4.81
45-49	3.32	3.19	3.44	3.40	3.70	3.58
50-54	2.76	2.94	3.09	3.02	2.96	2.98
55-59	2.20	2.21	2.11	2.04	2.10	2.08
60-64	2.71	2.67	2.46	2.42	2.02	1.95
65-69	1.04	1.07	1.08	1.16	1.57	1.73
70 & over	1.65	1.67	1.54	1.64	1.73	1.70
All ages	100.00	100.00	100.00	100.00	100.00	100.00
PERSON						
0-4	13.83	12.61	13.98	13.22	12.63	12.79
5-9	15.49	15.51	15.17	15.17	14.87	14.44
10-14	11.86	12.92	12.52	13.15	13.33	13.69
15-19	8.72	8.52	8.51	8.87	9.58	9.82
20-24	8.14	8.52	8.46	8.37	8.25	8.29
25-29	8.51	8.20	8.08	8.02	7.84	7.76
30-34	7.67	8.04	7.96	7.77	7.40	7.52
35-39	6.70	6.55	6.16	6.33	6.37	6.30
40-44	5.22	5.38	5.35	5.41	5.44	5.29
45-49	3.88	3.62	3.73	3.69	3.97	3.94
50-54	3.10	3.20	3.35	3.23	3.19	3.16
55-59	2.11	2.08	2.06	2.00	2.26	2.24
60-64	2.28	2.32	2.19	2.18	1.81	1.74
65-69	1.00	1.00	1.02	1.08	1.42	1.45
70 & over	1.49	1.53	1.46	1.51	1.64	1.57
All ages	100.00	100.00	100.00	100.00	100.00	100.00

TABLE 1—*Concd.*

COMBINED

Age-groups	1970	1971	1972	1973	1974	1975
MALE						
0-4	13.89	13.38	14.27	13.55	13.30	13.43
5-9	14.90	14.98	14.58	14.21	13.73	13.29
10-14	13.20	12.87	13.24	13.46	13.66	13.70
15-19	8.41	9.26	9.63	10.02	10.30	10.79
20-24	7.24	7.24	7.13	7.41	7.66	7.68
25-29	7.09	7.01	6.95	6.60	6.46	6.75
30-34	7.16	6.98	6.85	6.78	6.56	6.25
35-39	6.44	6.53	6.20	6.01	5.74	5.95
40-44	6.07	6.14	5.91	5.99	5.90	5.47
45-49	4.12	4.20	4.26	4.50	4.78	5.08
50-54	3.95	4.02	3.77	3.70	3.72	3.59
55-59	2.56	2.58	2.55	2.82	3.00	3.04
60-64	2.51	2.46	2.31	2.19	2.21	2.03
65-69	1.09	1.03	1.08	1.41	1.60	1.64
70 & over	1.27	1.32	1.26	1.35	1.38	1.31
All ages	100.00	100.00	100.00	100.00	100.00	100.00

FEMALE

0-4	14.07	13.41	14.03	13.49	12.95	12.99
5-9	15.65	15.85	15.47	15.00	14.35	13.60
10-14	12.66	12.63	12.90	13.10	13.70	14.07
15-19	8.26	8.83	8.93	9.54	9.65	10.08
20-24	7.77	7.85	7.86	7.92	8.15	7.95
25-29	7.45	7.44	7.21	6.65	6.48	6.65
30-34	7.92	7.90	7.80	7.40	7.04	6.72
35-39	5.81	5.94	5.86	6.02	6.41	6.73
40-44	5.24	5.17	5.19	5.33	5.33	5.13
45-49	3.66	3.61	3.67	4.02	4.21	4.49
50-54	3.87	3.87	3.71	3.54	3.45	3.26
55-59	2.35	2.33	2.37	2.76	3.02	3.13
60-64	2.54	2.51	2.42	2.19	2.03	1.96
65-69	1.08	1.07	1.12	1.39	1.65	1.70
70 & over	1.55	1.59	1.46	1.65	1.58	1.54
All ages	100.00	100.00	100.00	100.00	100.00	100.00

PERSON

0-4	13.98	13.39	14.15	13.52	13.13	13.22
5-9	15.27	15.41	15.02	14.60	14.04	13.44
10-14	12.93	12.75	13.07	13.28	13.68	13.38
15-19	8.33	9.05	9.28	9.79	9.97	10.44
20-24	7.50	7.54	7.49	7.66	7.90	7.82
25-29	7.27	7.22	7.08	6.62	6.47	6.70
30-34	7.54	7.44	7.32	7.09	6.80	6.48
35-39	6.13	6.24	6.03	6.02	6.07	6.34
40-44	5.66	5.66	5.56	5.66	5.62	5.30
45-49	3.89	3.91	3.96	4.26	4.50	4.79
50-54	3.91	3.94	3.74	3.62	3.59	3.43
55-59	2.46	2.46	2.46	2.79	3.01	3.08
60-64	2.53	2.48	2.37	2.19	2.12	1.99
65-69	1.08	1.05	1.10	1.40	1.62	1.67
70 & over	1.42	1.46	1.36	1.50	1.48	1.42
All ages	100.00	100.00	100.00	100.00	100.00	100.00

TABLE 2

Estimated age-specific fertility rates and other fertility indicators, 1970-75

Age-groups	1970	1971	1972	1973	1974	1975
RURAL						
15-19	155.4	118.8	131.4	113.6	110.9	107.5
20-24	265.5	223.8	229.7	258.8	232.0	239.9
25-29	257.0	242.9	227.8	241.8	254.0	252.5
30-34	180.9	173.6	173.9	167.6	181.9	170.6
35-39	122.3	107.9	102.4	113.2	98.0	101.8
40-44	53.6	46.8	45.5	44.2	34.2	44.0
45-49	17.0	40.1	30.5	35.6	29.2	20.8
Crude birth rate	38.5	34.7	34.7	35.0	33.9	33.8
General fertility rate	167.6	149.6	152.4	150.1	143.8	142.2
Total fertility rate	5.3	4.8	4.7	4.9	4.7	4.7
Gross reproduction rate	2.6	2.3	2.4	2.4	2.2	2.4

URBAN

15-19	122.8	113.0	88.5	87.0	84.3	74.0
20-24	246.1	208.5	231.0	239.9	210.3	224.2
25-29	204.7	236.3	210.5	230.7	202.6	211.3
30-34	167.2	137.7	126.3	150.5	153.4	140.2
35-39	103.9	96.2	86.2	88.0	102.9	105.1
40-44	40.8	42.7	36.1	35.2	56.5	42.5
45-49	18.5	22.3	14.0	13.2	16.4	30.1
Crude birth rate	34.2	33.0	31.7	32.7	30.5	30.7
General fertility rate	149.9	142.2	134.5	140.3	131.8	132.2
Total fertility rate	4.5	4.3	4.0	4.2	4.1	4.1
Gross reproduction rate	2.1	2.1	2.1	1.9	2.0	2.0

COMBINED

15-19	153.2	118.4	128.8	112.1	109.2	105.4
20-24	264.2	222.7	229.8	257.5	230.5	238.7
25-29	253.2	242.4	226.5	243.7	249.8	249.2
30-34	180.1	171.4	170.8	166.5	179.9	168.3
35-39	121.2	107.2	101.4	111.5	98.3	102.0
40-44	53.0	46.6	45.0	43.2	35.5	43.9
45-49	17.0	39.2	22.3	34.4	28.5	21.2
Crude birth rate	38.1	34.6	34.5	34.8	33.6	33.6
General fertility rate	166.5	149.1	151.4	149.5	143.0	141.5
Total fertility rate	5.2	4.7	4.6	4.8	4.7	4.6
Gross reproduction rate	2.6	2.2	2.4	2.4	2.2	2.3

TABLE 3
Mortality indicators, 1970-75

Year	Crude death rate	Infant mortality rate	Neo-natal mortality rate	Post-natal mortality rate	Peri-natal mortality rate	Still birth rate
RURAL						
1970	16.8	140	67.9	72.1	66.1	23.1
1971	15.9	131	72.7	58.3	14.2	53.2
1972	20.6	136	77.3	58.7	71.0	24.3
1973	18.8	151	83.4	67.6	72.6	20.2
1974	16.3	155	87.1	67.9	75.9	22.0
1975	18.1	153	87.5	65.5	72.0	24.9
URBAN						
1970	11.4	103	60.0	43.0	66.5	29.6
1971	10.0	84	48.9	35.1	8.5	41.8
1972	12.1	73	31.1	41.9	31.1	9.8
1973	10.6	78	43.0	35.0	41.0	10.4
1974	9.9	75	37.6	37.4	40.4	15.4
1975	12.7	98	50.0	48.0	41.9	13.1
COMBINED						
1970	16.4	133	67.4	65.6	66.1	23.5
1971	15.5	127	71.2	55.8	13.9	52.5
1972	20.0	131	74.5	56.5	68.6	23.4
1973	18.2	145	80.9	64.1	70.6	19.6
1974	15.8	150	84.0	66.0	73.6	21.6
1975	17.7	149	85.1	63.9	70.1	24.1

TABLE 4
Estimated age-specific death rates by sex, 1970-75

Age-groups	RURAL					
	1970	1971	1972	1973	1974	1975
MALE						
0-4	58.0	51.8	57.5	63.0	54.0	53.6
5-9	6.3	4.9	5.7	7.1	5.1	5.3
10-14	2.6	1.9	4.0	4.3	2.8	4.8
15-19	4.5	2.7	3.1	4.5	2.2	2.6
20-24	2.7	2.4	1.8	5.1	5.2	4.2
25-29	4.0	1.2	4.3	5.2	2.0	1.6
30-34	7.4	3.6	8.5	8.7	4.4	9.1
35-39	6.5	9.6	12.2	10.8	9.0	10.0
40-44	9.1	8.7	8.5	15.0	15.4	11.7
45-49	12.8	12.8	17.9	15.5	16.5	17.1
50-54	16.4	18.8	22.2	25.7	15.7	5.6
55-59	33.4	20.8	42.0	30.7	32.9	30.9
60-64	39.5	42.1	45.2	37.5	36.9	51.4
65-69	67.4	67.9	101.3	70.8	61.9	76.4
70 & over	126.9	137.9	232.8	138.7	117.8	144.6
All ages	17.1	15.4	19.9	19.8	16.0	17.8
FEMALE						
0-4	53.5	55.0	63.7	55.2	57.9	58.6
5-9	6.8	5.9	6.2	7.3	7.2	5.2
10-14	3.4	2.6	3.7	2.7	3.7	3.9
15-19	5.3	3.3	4.2	7.5	2.9	4.5
20-24	7.2	4.0	7.9	7.1	5.2	4.9
25-29	5.6	3.5	8.1	5.6	7.3	4.9
30-34	4.5	5.4	10.6	9.9	5.9	7.1
35-39	5.5	5.6	9.1	6.7	5.3	6.3
40-44	6.1	10.4	9.7	5.7	10.1	12.0
45-49	8.8	9.9	16.1	8.0	11.1	10.7
50-54	15.6	8.1	22.0	16.5	15.4	27.5
55-59	32.7	28.7	35.3	36.1	19.9	29.9
60-64	42.2	48.4	71.0	50.8	42.7	58.2
65-69	69.1	67.2	95.0	61.8	72.0	81.9
70 & over	105.1	137.6	187.0	126.1	129.6	156.3
All ages	16.4	16.9	21.6	18.0	17.4	18.8
PERSON						
0-4	57.8	55.6	62.6	61.3	57.8	57.9
5-9	6.2	4.9	6.1	7.4	6.4	5.4
10-14	3.1	2.4	4.0	3.7	3.3	4.5
15-19	5.0	3.1	3.7	6.1	2.6	3.6
20-24	5.2	3.4	5.2	6.3	5.4	4.7
25-29	5.0	2.5	6.4	5.6	4.8	3.3
30-34	6.0	4.8	10.0	9.6	5.3	8.3
35-39	6.2	8.0	11.0	9.0	7.3	8.3
40-44	8.0	9.9	9.4	11.0	7.9	12.2
45-49	11.3	12.0	17.6	12.3	14.5	14.2
50-54	16.5	19.4	22.9	21.9	16.2	22.0
55-59	34.2	25.8	40.2	34.5	27.4	31.4
60-64	42.3	47.1	60.2	45.8	41.1	56.7
65-69	71.2	71.6	102.6	68.7	69.8	82.1
70 & over	119.4	143.6	216.0	136.2	129.9	157.2
All ages	16.8	15.9	20.6	18.8	16.3	18.1

TABLE 4—Contd.

TABLE 4—Concl'd.

URBAN							COMBINED					
Age-groups	1970	1971	1972	1973	1974	1975	Age-groups	1970	1971	1972	1973	1974
MALE							MALE					
0-4	35.0	34.6	32.1	30.7	28.6	36.7	0-4	56.5	50.7	55.8	60.9	52.1
5-9	4.3	2.2	3.7	2.0	5.7	4.3	5-9	6.2	4.7	5.6	6.7	5.1
10-14	0.7	0.8	0.9	2.0	0.7	2.3	10-14	2.5	1.8	3.8	4.2	2.6
15-19	1.6	2.6	1.5	2.9	0.6	2.7	15-19	4.3	2.7	3.0	4.4	2.1
20-24	1.6	1.2	2.3	3.6	0.8	3.3	20-24	2.6	2.3	1.9	5.0	4.9
25-29	0.2	3.3	2.5	1.9	2.6	2.8	25-29	3.7	1.3	4.1	4.9	2.1
30-34	4.7	0.5	5.1	4.7	5.1	2.3	30-34	7.2	3.4	8.3	8.4	4.5
35-39	5.2	5.2	6.1	4.3	3.6	4.3	35-39	6.4	9.3	11.8	10.3	8.6
40-44	10.2	10.3	10.4	10.8	7.9	6.3	40-44	9.1	8.8	8.7	14.7	5.5
45-49	8.2	12.0	9.7	21.9	10.1	11.7	45-49	12.5	12.7	17.4	15.8	16.1
50-54	22.7	20.3	26.3	19.0	24.1	26.3	50-54	16.6	18.8	22.5	25.3	16.2
55-59	18.9	29.5	28.1	26.1	11.7	39.7	55-59	32.6	21.2	41.3	30.4	31.7
60-64	42.7	36.6	50.4	42.2	50.8	48.8	60-64	39.6	40.6	45.5	37.8	37.6
65-69	43.4	27.7	67.6	69.8	37.8	80.7	65-69	66.0	65.6	99.3	70.8	60.6
70 & over	95.7	105.0	121.8	86.0	120.1	113.8	70 & over	124.8	135.6	224.7	134.6	118.0
All ages	11.1	10.6	12.3	11.3	10.3	12.9	All ages	16.7	15.1	19.4	19.2	15.6
FEMALE							FEMALE					
0-4	36.5	31.1	33.8	28.8	30.9	33.6	0-4	52.4	54.2	61.7	53.5	56.1
5-9	2.5	1.9	4.7	3.4	3.7	4.4	5-9	5.6	5.7	6.1	7.1	7.0
10-14	1.1	2.3	2.4	1.4	0.4	1.5	10-14	3.3	2.6	3.7	2.6	3.5
15-19	0.9	1.8	2.7	0.8	2.5	3.8	15-19	5.0	3.2	4.1	7.1	2.9
20-24	3.0	1.6	3.7	3.9	2.2	3.2	20-24	6.9	3.8	7.7	6.8	5.0
25-29	3.4	1.6	2.5	4.2	2.4	3.9	25-29	5.5	3.4	7.7	5.5	6.9
30-34	3.3	4.9	4.8	3.7	3.5	4.4	30-34	4.4	5.4	10.3	9.5	5.7
35-39	3.1	2.2	4.3	6.6	1.7	6.0	35-39	5.3	5.4	8.8	6.7	5.1
40-44	5.3	5.8	10.3	3.2	5.6	4.4	40-44	6.1	10.2	9.8	5.5	9.8
45-49	8.4	8.0	11.3	8.1	7.7	13.6	45-49	8.8	9.8	15.8	8.0	10.9
50-54	18.5	9.8	18.4	16.1	24.2	10.4	50-54	15.7	17.7	21.8	16.4	15.9
55-59	20.0	12.6	14.8	20.1	19.2	26.3	55-59	32.0	27.8	34.2	35.4	19.9
60-64	39.8	28.6	43.9	27.6	32.2	45.4	60-64	42.1	47.1	69.3	49.2	42.1
65-69	27.5	40.9	23.6	46.4	27.6	55.4	65-69	66.7	65.7	90.6	61.0	69.3
70 & over	116.5	95.1	132.9	106.5	101.5	129.7	70 & over	105.8	134.9	183.4	124.9	127.6
All ages	11.6	9.4	12.0	10.3	9.9	12.6	All ages	16.1	16.4	21.0	17.5	16.9
PERSON							PERSON					
0-4	35.6	32.8	32.9	29.7	25.4	36.0	0-4	56.4	54.2	60.6	59.3	55.8
5-9	3.4	2.0	4.2	2.7	4.7	4.3	5-9	6.1	5.4	6.0	7.1	6.3
10-14	0.9	1.5	1.6	1.7	0.5	1.9	10-14	3.0	2.3	3.8	3.5	3.2
15-19	1.2	2.2	2.1	1.9	1.5	3.2	15-19	4.8	3.0	3.6	5.9	2.5
20-24	2.3	1.4	3.0	3.7	1.5	3.2	20-24	5.0	3.2	5.0	6.1	5.2
25-29	1.8	2.4	2.5	3.0	2.5	3.4	25-29	4.7	2.5	6.1	5.4	4.6
30-34	4.1	2.6	4.9	4.2	4.3	3.3	30-34	5.9	4.6	9.6	9.2	5.3
35-39	4.3	3.9	5.3	5.9	2.7	5.1	35-39	6.1	7.7	10.6	8.8	7.0
40-44	8.2	8.5	10.3	7.6	6.9	5.5	40-44	8.0	9.3	9.5	10.8	7.8
45-49	8.2	10.3	10.4	15.7	9.0	12.5	45-49	11.1	11.9	17.1	12.5	14.2
50-54	20.9	15.6	22.7	17.7	24.1	19.0	50-54	16.7	19.2	22.9	21.7	16.7
55-59	19.4	20.8	21.4	23.1	15.0	33.6	55-59	33.4	25.5	39.2	33.9	26.8
60-64	40.7	32.0	46.7	34.3	40.7	46.9	60-64	42.2	46.2	59.4	45.0	41.1
65-69	35.3	34.5	45.0	57.4	32.3	65.9	65-69	69.0	69.3	98.9	68.1	67.6
70 & over	106.8	99.5	127.0	96.5	110.3	121.7	70 & over	118.5	140.6	209.6	133.5	128.4
All ages	11.4	10.0	12.1	10.6	9.9	12.7	All ages	16.4	15.5	20.0	18.2	15.8

TABLE 5

Per cent distribution of sample births by type of medical attention at birth, 1970-75

Year	Type of medical attention at birth			
	I	T	U	O
RURAL				
1970	1.1	6.1	56.1	36.7
1971	1.8	10.1	51.3	36.8
1972	3.6	19.8	41.3	35.3
1973	4.3	11.0	42.1	42.6
1974	4.0	10.8	38.0	47.2
1975	3.7	11.5	45.0	39.8
URBAN				
1970	20.1	15.4	41.2	23.3
1971	16.8	19.2	42.9	21.1
1972	20.8	22.9	25.7	30.6
1973	16.9	22.3	34.9	25.9
1974	17.3	20.0	21.5	41.2
1975	15.8	24.8	32.1	27.3
COMBINED				
1970	6.8	8.8	51.7	32.7
1971	6.4	12.9	48.7	32.0
1972	8.9	20.8	36.4	33.9
1973	8.2	14.5	39.8	37.5
1974	8.1	13.6	32.9	45.4
1975	7.4	15.5	41.1	36.0

TABLE 6

Per cent distribution of sample deaths by type of medical attention at death, 1970-75

Year	Type of medical attention at death			
	I	M	U	N
RURAL				
1970	16.5	0.7	0.2	82.6
1971	2.2	16.6	18.2	63.0
1972	4.6	9.8	25.3	60.3
1973	1.9	18.6	15.9	63.6
1974	9.1	11.1	23.0	56.8
1975	2.5	13.5	19.4	64.6
URBAN				
1970	31.5	1.0	0.2	67.3
1971	9.0	23.4	6.3	61.3
1972	12.9	27.9	6.8	52.5
1973	12.4	23.6	5.9	58.1
1974	14.8	26.2	5.3	53.7
1975	4.3	29.7	9.9	56.1
COMBINED				
1970	20.0	0.8	0.2	79.0
1971	3.8	18.1	15.5	62.6
1972	6.4	13.7	21.3	58.6
1973	4.2	19.7	13.7	62.4
1974	10.5	14.7	18.8	56.0
1975	3.0	17.8	16.9	62.3

I : Institutions like hospitals, maternity, nursing homes, health centres, etc.
 T : Delivery conducted in the home by doctor, trained dai/ trained mid-wife/ trained nurse, etc.
 U : Delivery conducted in the home by untrained village dai or untrained professional functionary.
 O : Delivery conducted in the home by relation and others excluding the above.

I : If the death occurred in a hospital, dispensary, health centre, other medical institution, etc.
 M : If the death occurred at home but was attended by a qualified practitioner.
 U : If the death occurred at home and was attended by an unqualified practitioner.
 N : No professional doctor/hakim/ vaidya attended.

PUNJAB

TABLE 1—*Concd.*

COMBINED

Age-groups	1970	1971	1972	1973	1974	1975
MALE						
0-4	13.83	12.99	13.90	13.67	14.09	13.37
5-9	14.19	14.01	14.07	13.70	13.37	12.96
10-14	13.60	13.45	13.10	12.71	12.34	12.30
15-19	10.70	11.35	11.61	11.61	11.52	11.38
20-24	8.39	8.41	8.35	8.66	8.76	9.12
25-29	6.37	6.80	6.81	6.67	6.96	6.98
30-34	5.71	5.77	5.57	5.58	5.65	5.78
35-39	4.82	4.94	4.96	4.88	4.90	4.91
40-44	4.82	4.68	4.45	4.54	4.42	4.53
45-49	4.08	4.96	4.01	4.02	4.04	4.03
50-54	3.89	4.01	3.70	3.82	3.74	3.82
55-59	2.63	2.62	2.65	2.93	3.06	3.15
60-64	2.80	2.73	2.62	2.56	2.46	2.61
65-69	1.60	1.67	1.65	2.03	2.14	2.36
70 & over	2.57	2.61	2.55	2.62	2.55	2.70
All ages	100.00	100.00	100.00	100.00	100.00	100.00
FEMALE						
0-4	13.98	12.70	13.82	13.15	13.69	13.15
5-9	13.69	13.63	13.57	13.45	13.17	12.34
10-14	13.22	13.34	13.17	13.10	12.64	12.38
15-19	10.80	11.42	11.35	11.28	11.01	11.40
20-24	8.68	8.83	9.12	9.39	9.55	9.76
25-29	6.59	6.93	6.88	6.57	6.88	6.99
30-34	6.57	6.68	6.36	6.32	6.19	6.05
35-39	5.15	5.32	5.22	5.00	5.16	5.32
40-44	5.09	4.79	4.55	4.75	4.81	4.88
45-49	3.88	4.09	4.27	4.21	4.15	4.24
50-54	3.76	3.73	3.49	3.65	3.69	3.68
55-59	2.30	2.34	2.37	2.61	2.67	2.89
60-64	2.55	2.44	2.31	2.45	2.31	2.39
65-69	1.49	1.55	1.49	1.82	1.86	2.06
70 & over	2.25	2.21	2.03	2.25	2.22	2.47
All ages	100.00	100.00	100.00	100.00	100.00	100.00
PERSON						
0-4	13.90	12.86	13.86	13.42	13.90	13.27
5-9	13.96	13.83	13.84	13.58	13.27	12.67
10-14	13.42	13.40	13.13	12.89	12.48	12.34
15-19	10.75	11.38	11.49	11.46	11.28	11.39
20-24	8.52	8.61	8.71	9.01	9.13	9.42
25-29	6.47	6.86	6.84	6.62	6.92	6.98
30-34	6.11	6.20	5.94	5.93	5.90	5.90
35-39	4.97	5.12	5.08	4.94	5.02	5.10
40-44	4.95	4.73	4.50	4.64	4.61	4.69
45-49	3.98	4.02	4.13	4.11	4.09	4.13
50-54	3.84	3.88	3.60	3.74	3.72	3.76
55-59	2.48	2.49	2.52	2.78	2.88	3.03
60-64	2.68	2.59	2.48	2.51	2.39	2.51
65-69	1.55	1.61	1.57	1.93	2.01	2.22
70 & over	2.42	2.42	2.31	2.44	2.40	2.59
All ages	100.00	100.00	100.00	100.00	100.00	100.00

TABLE 2

Estimated age-specific fertility rates and other fertility indicators, 1970-75

Age-groups	1970	1971	1972	1973	1974	1975
RURAL						
15-19	24.1	31.0	30.2	29.2	31.7	28.4
20-24	222.2	235.0	243.0	258.9	229.5	236.2
25-29	342.6	319.3	334.7	325.2	301.1	298.2
30-34	256.6	222.2	242.0	216.4	212.7	218.5
35-39	177.4	185.0	187.4	163.3	153.9	136.0
40-44	89.6	76.4	76.9	71.0	68.2	58.1
45-49	34.0	26.4	22.3	24.4	28.9	17.3
Crude birth rate	34.7	35.0	35.8	34.4	33.0	32.5
General fertility rate	162.5	157.1	163.3	157.7	149.9	145.7
Total fertility rate	5.7	5.5	5.7	5.4	5.1	5.0
Gross reproduction rate	2.7	2.5	2.6	2.6	2.4	2.3
URBAN						
15-19	25.8	25.5	28.8	22.6	30.0	19.6
20-24	229.4	217.3	196.7	220.2	199.9	202.6
25-29	261.0	264.8	254.0	260.4	233.1	246.3
30-34	260.7	187.2	188.1	161.9	160.7	169.1
35-39	130.9	135.9	97.2	81.3	104.6	95.7
40-44	41.3	40.3	48.8	47.1	34.2	34.5
45-49	20.0	19.2	12.7	11.6	20.2	9.8
Crude birth rate	30.6	31.4	30.1	29.6	28.2	29.2
General fertility rate	136.4	133.0	123.8	122.1	118.5	118.5
Total fertility rate	4.6	4.4	4.1	4.0	3.9	3.9
Gross reproduction rate	2.1	2.1	2.0	1.8	1.8	1.9
COMBINED						
15-19	24.5	29.9	29.9	27.7	31.3	26.4
20-24	223.8	231.0	232.4	250.3	223.0	228.3
25-29	321.9	306.5	315.4	309.2	285.1	285.8
30-34	246.0	214.3	229.4	203.6	200.6	207.5
35-39	166.0	173.9	166.1	145.5	143.7	127.5
40-44	79.6	68.4	70.6	65.7	60.4	52.8
45-49	30.7	24.7	20.0	21.5	27.0	15.7
Crude birth rate	33.8	34.2	34.6	33.4	32.0	31.8
General fertility rate	156.6	151.7	154.2	149.5	142.8	139.5
Total fertility rate	5.5	5.2	5.3	5.1	4.8	4.7
Gross reproduction rate	2.6	2.4	2.5	2.4	2.2	2.2

TABLE 3

Mortality indicators, 1970-75

Year	Crude death rate	Infant mortality rate	Neo-natal mortality rate	Post-natal mortality rate	Peri-natal mortality rate	Still birth rate
RURAL						
1971	10.9	109	21.8	87.2	39.4	26.8
1972	13.4	129	23.9	105.1	49.5	21.3
1973	13.0	123	20.6	102.4	44.0	22.9
1974	11.3	103	22.6	80.4	41.6	19.4
1975	11.3	107	24.1	82.9	39.0	22.7
URBAN						
1971	8.7	76	11.7	64.3	22.6	14.0
1972	9.5	78	14.1	63.9	24.6	14.7
1973	9.0	83	11.6	71.4	25.7	16.3
1974	8.1	71	8.2	62.8	25.9	10.4
1975	9.2	60	8.1	51.9	20.0	9.9
COMBINED						
1971	10.4	102	19.8	82.2	36.1	24.3
1972	12.6	119	22.1	96.9	44.9	20.1
1973	12.1	115	18.9	96.1	40.5	20.1
1974	10.6	97	19.9	77.1	38.7	17.8
1975	10.8	98	21.0	77.0	35.3	20.2

TABLE 4

Estimated age-specific death rates by sex, 1970-75

Age-groups	RURAL				
	1971	1972	1973	1974	1975
MALE					
0-4	32.0	42.9	35.3	30.5	34.6
5-9	1.6	2.6	1.2	1.8	2.7
10-14	0.9	2.4	1.2	1.8	1.3
15-19	0.8	3.8	2.3	2.0	1.3
20-24	3.6	1.1	2.2	2.1	2.7
25-29	2.9	3.1	3.9	0.8	1.9
30-34	3.8	5.7	3.9	3.6	3.2
35-39	3.4	5.7	3.1	4.6	3.8
40-44	4.4	3.9	5.9	5.1	2.4
45-49	8.0	5.8	8.0	7.1	11.9
50-54	8.6	11.0	8.0	10.5	6.3
55-59	8.5	10.9	13.0	13.3	15.2
60-64	27.3	21.7	22.1	12.9	12.2
65-69	24.4	31.1	45.5	43.0	39.7
70 & over	80.7	105.5	111.0	104.8	87.8
All ages	10.0	13.2	12.2	11.1	11.3
FEMALE					
0-4	52.0	48.9	52.2	38.4	43.2
5-9	1.0	1.9	2.4	3.2	2.8
10-14	2.3	0.3	0.2	1.3	1.3
15-19	1.2	1.5	1.3	2.1	0.5
20-24	2.3	2.4	4.6	3.2	2.6
25-29	4.1	3.6	6.3	3.5	1.9
30-34	3.7	3.1	3.1	2.9	2.5
35-39	4.7	4.7	4.9	2.6	2.7
40-44	4.8	5.9	4.7	2.4	3.4
45-49	1.6	6.9	2.5	4.3	5.6
50-54	3.6	11.5	11.5	5.8	4.3
55-59	5.9	13.1	4.5	11.3	8.5
60-64	19.2	24.0	16.9	15.3	13.0
65-69	17.1	39.1	24.8	24.4	32.0
70 & over	95.0	140.8	141.3	126.4	93.7
All ages	11.7	13.7	13.8	11.4	11.02
PERSON					
0-4	41.2	45.7	43.0	34.1	38.6
5-9	1.3	2.3	1.8	2.4	2.7
10-14	1.6	1.4	0.8	1.5	1.3
15-19	1.0	2.7	1.8	2.1	0.9
20-24	3.0	1.7	3.4	2.6	2.7
25-29	3.5	3.3	5.0	2.1	1.9
30-34	3.8	4.4	3.5	3.3	2.9
35-39	4.0	5.2	4.0	3.6	3.3
40-44	4.6	4.9	5.3	3.8	2.9
45-49	4.9	6.3	5.3	5.7	8.9
50-54	6.3	11.2	9.6	8.3	5.4
55-59	7.4	11.8	9.3	12.4	12.2
60-64	23.8	22.7	19.7	14.0	12.6
65-69	21.2	34.5	36.5	35.2	36.3
70 & over	86.7	119.8	123.9	114.0	90.4
All ages	10.9	13.4	13.0	11.3	11.3

TABLE 4—Contd.

URBAN					
Age-groups	1971	1972	1973	1974	1975
MALE					
0—4	28.4	25.2	31.3	19.1	24.0
5—9	1.9	1.0	0.7	0.6	1.2
10—14	..	0.6	0.8	0.6	1.2
15—19	1.0	2.0	1.7	0.6	0.4
20—24	0.3	..	2.0	2.0	1.2
25—29	1.2	2.0	3.3	0.5	2.9
30—34	1.3	1.5	2.1	2.0	4.3
35—39	1.4	3.9	4.1	3.0	3.7
40—44	10.2	8.5	4.0	3.5	2.5
45—49	3.2	14.4	10.6	6.0	7.2
50—54	14.9	10.8	19.3	5.8	11.8
55—59	36.6	14.2	11.2	22.3	19.8
60—64	24.5	8.6	31.0	42.1	30.0
65—69	28.6	60.8	40.9	19.1	52.0
70 & over	74.7	99.4	75.0	83.9	112.9
All ages	8.9	8.8	9.6	7.7	9.5
FEMALE					
0—4	30.8	29.5	28.9	31.8	25.6
5—9	3.0	3.7	0.7	1.4	0.3
10—14	1.2	1.1	1.1	0.8	0.3
15—19	1.1	2.4	1.5	1.4	1.3
20—24	1.1	0.5	2.4	3.0	3.5
25—29	3.5	3.6	3.2	2.6	1.5
30—34	..	3.6	0.7	4.3	1.4
35—39	4.7	2.3	3.8	2.7	3.5
40—44	3.6	7.7	3.7	0.5	3.7
45—49	5.1	5.1	2.8	1.9	0.9
50—54	14.8	11.9	7.4	5.2	11.6
55—59	21.2	11.4	7.5	18.9	8.6
60—64	14.9	26.2	17.9	15.6	19.5
65—69	28.8	55.9	21.8	30.7	46.5
70 & over	80.5	107.1	96.8	83.4	104.1
All ages	8.7	9.8	8.0	8.9	8.8
PERSON					
0—4	29.5	27.2	30.1	25.1	24.8
5—9	2.4	2.3	0.7	1.0	0.8
10—14	0.6	0.8	0.9	0.7	0.8
15—19	1.1	2.2	1.6	1.0	0.8
20—24	0.7	0.3	2.2	2.5	2.3
25—29	2.3	2.8	3.3	1.4	2.3
30—34	0.6	2.5	1.4	3.1	3.0
35—39	2.9	3.2	4.0	2.9	3.6
40—44	7.1	8.1	3.9	2.0	3.0
45—49	4.8	9.8	6.8	4.0	4.2
50—54	14.8	11.3	13.8	5.5	11.7
55—59	25.5	12.9	9.5	20.8	14.6
60—64	20.0	17.0	24.6	29.0	24.8
65—69	28.7	58.4	31.6	24.8	49.4
70 & over	77.3	102.9	85.0	83.7	108.5
All ages	8.7	9.5	9.0	8.1	9.2

TABLE 4—Contd.

COMBINED					
Age-groups	1971	1972	1973	1974	1975
MALE					
0—4	31.3	39.4	34.5	28.4	32.6
5—9	1.7	2.3	1.1	1.6	2.5
10—14	0.7	2.0	1.1	1.5	1.3
15—19	0.9	3.4	2.2	1.7	1.1
20—24	2.8	0.9	2.1	2.0	2.4
25—29	2.5	2.8	3.8	0.7	2.1
30—34	3.2	4.6	3.4	3.2	3.5
35—39	2.9	5.2	3.4	4.2	3.8
40—44	5.7	5.0	5.5	4.7	2.4
45—49	6.9	7.8	8.3	6.8	10.9
50—54	9.9	10.9	10.2	9.5	7.4
55—59	13.8	11.5	12.6	15.0	16.1
60—64	26.7	19.2	23.7	18.5	15.3
65—69	25.2	36.4	44.7	39.0	41.8
70 & over	79.6	104.7	104.8	100.7	91.9
All ages	9.8	12.3	11.7	10.4	10.9
FEMALE					
0—4	47.6	45.0	47.6	37.1	39.8
5—9	1.4	2.3	2.1	2.8	2.6
10—14	2.1	0.5	0.4	1.2	1.1
15—19	1.2	1.7	1.4	1.9	0.7
20—24	2.0	1.9	4.1	3.2	2.8
25—29	4.0	3.6	5.6	3.3	1.8
30—34	2.9	3.2	2.6	3.2	2.2
35—39	4.7	4.1	4.7	2.6	2.9
40—44	4.5	6.3	4.5	2.0	3.4
45—49	2.7	6.4	2.6	3.7	4.6
50—54	5.8	11.6	10.7	5.7	5.8
55—59	7.5	12.8	5.1	12.8	8.5
60—64	18.2	24.5	17.1	15.4	14.3
65—69	19.6	42.9	24.2	25.8	34.8
70 & over	92.2	134.7	132.7	116.7	95.8
All ages	11.1	12.9	12.6	10.9	10.7
PERSON					
0—4	38.9	42.1	40.6	32.4	36.0
5—9	1.6	2.3	1.6	2.2	2.5
10—14	1.4	1.3	0.8	1.4	1.2
15—19	1.0	2.6	1.8	1.8	0.9
20—24	2.5	1.4	3.1	2.6	2.6
25—29	3.2	3.2	4.6	1.9	2.0
30—34	3.1	3.9	3.0	3.2	2.9
35—39	3.8	4.7	4.0	3.5	3.4
40—44	5.1	5.5	5.0	3.4	2.9
45—49	4.9	7.1	5.7	5.4	7.8
50—54	8.1	11.2	10.4	7.7	6.7
55—59	11.0	12.1	9.3	14.1	12.7
60—64	23.0	21.6	20.7	17.1	14.9
65—69	22.7	39.3	35.6	33.2	38.7
70 & over	85.0	117.1	116.9	107.7	93.6
All ages	10.4	12.6	12.1	10.6	10.8

TABLE 5

Per cent distribution of sample births by type of medical attention at birth, 1970-75

Year	Type of medical attention at birth			
	I	T	U	O
RURAL				
1970 . . .	1.0	12.1	86.9	—
1971 . . .	2.6	19.8	76.2	1.4
1972 . . .	2.0	23.1	73.1	1.8
1973 . . .	1.7	18.8	79.3	0.2
1974 . . .	1.5	16.5	80.6	1.4
1975 . . .	1.2	21.5	73.7	3.6
URBAN				
1970 . . .	3.2	65.9	30.8	0.1
1971 . . .	4.8	71.5	23.6	0.1
1972 . . .	4.4	68.0	27.6	..
1973 . . .	4.2	73.7	21.3	0.8
1974 . . .	6.1	73.5	19.2	1.2
1975 . . .	6.9	71.9	18.9	2.3
COMBINED				
1970 . . .	1.6	27.8	70.6	—
1971 . . .	3.2	34.8	61.0	1.0
1972 . . .	2.7	35.8	60.2	1.3
1973 . . .	2.4	34.5	62.7	0.4
1974 . . .	2.8	32.5	63.4	1.3
1975 . . .	2.9	36.3	57.6	3.2

I : Institutions like hospitals, maternity/nursing homes, health centres, etc.

T : Delivery conducted in the home by doctor, trained dai, trained mid-wife, trained nurse, etc.

U : Delivery conducted in the home by untrained village dai or other untrained professional functionary.

O : Delivery conducted in the home by relation and others excluding the above.

TABLE 6

Per cent distribution of sample deaths by type of medical attention at death, 1970-75

Year	Type of medical attention at death			
	I	M	U	N
RURAL				
1970 . . .	2.7	6.0	34.8	56.5
1971 . . .	4.5	4.3	26.8	64.4
1972 . . .	3.4	25.3	4.2	67.1
1973 . . .	3.9	6.7	33.1	56.3
1974 . . .	4.0	5.9	19.6	70.5
1975 . . .	4.3	6.2	37.3	52.2
URBAN				
1970 . . .	4.7	42.2	9.1	44.0
1971 . . .	9.9	23.9	23.3	42.9
1972 . . .	7.3	34.9	21.5	36.3
1973 . . .	7.8	61.9	20.2	10.1
1974 . . .	12.5	6.6	27.4	53.5
1975 . . .	13.0	49.3	5.2	32.5
COMBINED				
1970 . . .	3.2	15.8	27.9	53.1
1971 . . .	5.9	9.5	25.9	58.7
1972 . . .	4.3	27.7	8.5	59.5
1973 . . .	4.8	20.1	30.0	45.1
1974 . . .	6.1	6.1	21.5	66.3
1975 . . .	6.6	17.4	28.9	47.1

I : If the death occurred in a hospital, dispensary, health centre, other medical institution, etc.

M : If the death occurred at home but was attended by a qualified practitioner.

U : If the death occurred at home and was attended by an unqualified practitioner.

N : No professional doctor/hakin/vaidya attended.

RAJASTHAN

TABLE 1

Per cent distribution of estimated population by age-groups and sex, 1970-75

RURAL

Age-groups	1972	1973	1974	1975
MALE				
0-4	16.42	16.37	14.41	15.09
5-9	14.53	14.30	13.69	14.08
10-14	13.29	13.11	13.01	13.29
15-19	10.23	10.40	11.33	11.35
20-24	7.09	7.18	7.95	8.27
25-29	6.73	6.54	6.52	6.20
30-34	6.89	6.62	6.55	6.20
35-39	5.75	5.71	6.35	6.14
40-44	4.86	5.06	4.98	4.98
45-49	3.81	3.92	4.25	4.03
50-54	3.64	3.65	3.34	3.16
55-59	2.41	2.66	3.12	2.97
60-64	2.02	1.93	1.66	1.66
65-69	1.25	1.39	1.67	1.54
70 & over	1.08	1.15	1.17	1.04
N.S.		0.01		
All ages	100.00	100.00	100.00	100.00

FEMALE

0-4	16.37	16.09	14.46	11.89
5-9	14.86	14.51	13.99	14.12
10-14	12.49	12.49	12.73	13.24
15-19	9.28	9.68	10.17	10.30
20-24	7.70	7.57	7.67	7.79
25-29	7.30	7.19	7.26	6.90
30-34	7.22	7.03	6.88	6.73
35-39	5.49	5.74	6.36	6.31
40-44	4.91	5.04	4.79	4.67
45-49	3.78	3.94	4.31	4.16
50-54	3.46	3.32	3.27	3.13
55-59	2.37	2.61	2.89	2.76
60-64	2.10	1.95	1.97	1.89
65-69	1.30	1.58	1.89	1.81
70 & over	1.37	1.26	1.36	1.30
All ages	100.00	100.00	100.00	100.00

PERSON

0-4	16.40	16.24	14.43	14.99
5-9	14.69	14.40	13.83	14.09
10-14	12.90	12.82	12.88	13.26
15-19	9.78	10.05	10.77	10.84
20-24	7.38	7.37	7.82	8.04
25-29	7.00	6.85	6.88	6.54
30-34	7.04	6.82	6.71	6.45
35-39	5.63	5.73	6.35	6.22
40-44	4.89	5.05	4.89	4.83
45-49	3.79	3.93	4.29	4.10
50-54	3.55	3.49	3.31	3.16
55-59	2.39	2.63	3.01	2.87
60-64	2.06	1.94	1.80	1.77
65-69	1.28	1.48	1.77	1.67
70 & over	1.22	1.20	1.26	1.17
All ages	100.00	100.00	100.00	100.00

TABLE 1—Contd.

URBAN

Age-groups	1972	1973	1974	1975
MALE				
0-4	15.42	15.84	13.64	13.76
5-9	15.09	14.02	14.03	13.21
10-14	13.38	13.59	13.56	13.36
15-19	10.81	11.29	11.65	12.05
20-24	8.12	8.55	9.01	9.84
25-29	6.89	6.89	7.05	7.26
30-34	6.16	6.26	6.32	6.13
35-39	5.33	5.23	5.39	5.49
40-44	5.15	4.90	4.58	4.64
45-49	3.72	3.63	4.10	4.10
50-54	3.66	3.46	3.29	3.11
55-59	2.16	2.35	2.84	2.70
60-64	1.91	1.75	1.77	1.73
65-69	0.97	1.04	1.45	1.44
70 & over	1.23	1.20	1.32	1.18
All ages	100.00	100.00	100.00	100.00

FEMALE

0-4	15.34	15.92	13.86	13.75
5-9	15.05	14.54	14.21	13.91
10-14	12.55	12.76	13.22	12.79
15-19	10.29	10.86	10.88	10.97
20-24	8.78	8.79	8.38	9.54
25-29	7.05	7.05	7.47	7.61
30-34	6.70	6.47	6.35	6.46
35-39	5.30	5.17	5.52	5.57
40-44	4.90	4.75	4.78	4.76
45-49	3.83	3.55	3.93	3.94
50-54	3.26	3.27	3.39	3.02
55-59	1.98	2.19	2.49	2.55
60-64	2.44	2.14	2.01	1.90
65-69	1.08	1.15	1.84	1.83
70 & over	1.45	1.39	1.67	1.40
All ages	100.00	100.00	100.00	100.00

PERSON

0-4	15.38	15.88	13.75	13.76
5-9	15.07	14.27	14.12	13.55
10-14	12.99	13.20	13.40	13.09
15-19	10.56	11.09	11.28	11.53
20-24	8.43	8.66	8.70	9.70
25-29	6.97	6.97	7.25	7.42
30-34	6.42	6.36	6.34	6.29
35-39	5.31	5.20	5.45	5.53
40-44	5.03	4.83	4.67	4.70
45-49	3.77	3.59	4.02	4.02
50-54	3.47	3.37	3.34	3.07
55-59	2.07	2.27	2.67	2.63
60-64	2.17	1.94	1.88	1.81
65-69	1.02	1.08	1.64	1.62
70 & over	1.34	1.29	1.49	1.28
All ages	100.00	100.00	100.00	100.00

TABLE 1—*Concd.*

COMBINED				
Age-groups	1972	1973	1974	1975
MALE				
0—4	16.25	16.28	14.28	14.87
5—9	14.62	14.25	13.75	13.93
10—14	13.30	13.20	13.10	13.30
15—19	10.33	10.55	11.38	11.47
20—24	7.27	7.42	8.13	8.54
25—29	6.76	6.60	6.61	6.37
30—34	6.76	6.55	6.51	6.19
35—39	5.68	5.63	6.19	6.03
40—44	4.92	5.04	4.91	4.92
45—49	3.79	3.87	4.23	4.04
50—54	3.64	3.62	3.33	3.16
55—59	2.36	2.60	3.07	2.92
60—64	2.00	1.90	1.68	1.67
65—69	1.21	1.33	1.63	1.5
70 & over	1.11	1.16	1.20	1.07
All ages	100.00	100.00	100.00	100.00
FEMALE				
0—4	16.20	16.06	14.36	14.70
5—9	14.89	14.51	14.02	14.09
10—14	12.50	12.54	12.82	13.17
15—19	9.45	9.88	10.29	10.41
20—24	7.89	7.78	7.79	8.08
25—29	7.26	7.16	7.30	7.02
30—34	7.13	6.94	6.79	6.68
35—39	5.46	5.65	6.22	6.19
40—44	4.90	4.99	4.78	4.68
45—49	3.79	3.87	4.25	4.12
50—54	3.43	3.31	3.29	3.11
55—59	2.31	2.54	2.82	2.73
60—64	2.16	1.98	1.98	1.89
65—69	1.25	1.51	1.88	1.81
70 & over	1.38	1.28	1.41	1.32
All ages	100.00	100.00	100.00	100.00
PERSON				
0—4	16.23	16.18	14.32	14.79
5—9	14.75	14.37	13.88	14.01
10—14	12.92	12.88	12.96	13.23
15—19	9.9	10.23	10.86	10.96
20—24	7.56	7.59	7.97	8.32
25—29	6.99	6.87	6.94	6.68
30—34	6.94	6.74	6.65	6.42
35—39	5.57	5.64	6.20	6.11
40—44	4.91	5.01	4.85	4.81
45—49	3.79	3.87	4.24	4.08
50—54	3.54	3.47	3.31	3.13
55—59	2.34	2.57	2.95	2.83
60—64	2.08	1.94	1.82	1.78
65—69	1.23	1.42	1.75	1.66
70 & over	1.24	1.22	1.30	1.19
All ages	100.00	100.00	100.00	100.00

TABLE 2

Estimated age-specific fertility rates and other fertility indicators, 1970-75

Age-groups	1972	1973	1974	1975
RURAL				
15—19	135.4	110.5	101.8	106.6
20—24	319.4	264.8	262.0	268.3
25—29	282.9	261.2	260.0	280.9
30—34	251.9	239.9	228.9	228.0
35—39	176.7	156.8	158.7	150.6
40—44	82.0	87.9	76.3	66.7
45—49	41.9	36.2	30.2	29.6
Crude birth rate	43.5	39.4	37.8	38.1
General fertility rate	199.9	175.9	168.9	171.6
Total fertility rate	6.4	5.8	5.6	5.6
Gross reproduction rate	3.1	2.7	2.6	2.7
URBAN				
15—19	97.7	92.5	85.5	83.0
20—24	287.0	238.8	233.9	220.2
25—29	267.8	243.8	211.2	222.7
30—34	208.3	164.5	179.3	177.6
35—39	116.7	112.0	98.1	103.2
40—44	67.6	58.3	49.5	48.0
45—49	23.9	23.0	18.4	16.9
Crude birth rate	37.2	32.5	29.8	31.4
General fertility rate	167.6	146.4	136.4	137.6
Total fertility rate	5.4	4.7	4.4	4.4
Gross reproduction rate	2.5	2.2	2.1	2.0
COMBINED				
15—19	128.5	88.0	98.9	102.5
20—24	313.3	259.8	256.9	258.9
25—29	280.4	258.3	251.6	269.7
30—34	245.0	227.8	221.0	219.9
35—39	166.9	149.7	149.6	143.5
40—44	79.6	83.0	71.8	63.5
45—49	38.8	34.1	28.4	27.6
Crude birth rate	42.4	38.1	36.3	36.9
General fertility rate	194.3	170.8	163.4	165.7
Total fertility rate	6.3	5.6	5.4	5.4
Gross reproduction rate	3.0	2.6	2.6	2.6

TABLE 3
Mortality indicators, 1970-75

Year	Crude death rate	Infant mortality rate	Neo-natal mortality rate	Post-natal mortality rate	Peri-natal mortality rate	Still birth rate
RURAL						
1972	18.3	132	75.8	59.2	66.6	14.8
1973	17.6	145	69.6	75.4	65.2	14.6
1974	15.8	142	85.0	57.0	64.8	15.1
1975	17.4	169	98.7	70.3	71.2	11.8
URBAN						
1972	10.1	76	39.5	36.5	39.7	11.6
1973	9.3	92	51.6	40.4	48.0	14.8
1974	7.7	78	39.8	38.2	37.8	10.8
1975	9.3	72	42.3	29.7	42.4	13.5
COMBINED						
1972	16.8	123	70.4	52.6	62.6	14.3
1973	16.1	137	66.9	70.1	62.7	14.7
1974	14.3	133	78.6	54.4	61.0	14.5
1975	15.9	155	90.6	64.4	67.1	12.1

TABLE 4
Estimated age-specific death rates by sex, 1970-75

Age-groups	RURAL			
	1972	1973	1974	1975
MALE				
0-4	57.8	57.7	61.3	66.8
5-9	5.4	3.7	5.1	5.1
10-14	1.9	2.1	1.8	1.6
15-19	1.0	2.4	2.3	1.6
20-24	3.4	3.0	3.1	2.9
25-29	3.1	2.8	4.8	3.0
30-34	3.6	3.7	3.4	6.1
35-39	5.8	5.4	6.3	6.1
40-44	11.6	5.9	4.5	8.8
45-49	12.8	12.5	16.4	13.5
50-54	18.6	16.8	19.1	17.1
55-59	31.6	32.7	27.6	32.7
60-64	59.4	33.4	37.1	46.9
65-69	71.3	75.8	67.5	47.4
70 & over	145.0	104.0	102.1	98.2
All ages	18.1	17.4	15.6	17.2
FEMALE				
0-4	74.0	69.1	67.1	78.0
5-9	9.4	4.4	5.5	4.0
10-14	3.3	2.6	1.7	2.5
15-19	2.4	4.4	4.2	5.0
20-24	6.0	3.5	5.2	5.0
25-29	5.1	4.0	5.7	4.5
30-34	5.2	3.9	3.5	6.1
35-39	6.4	7.1	3.7	5.3
40-44	5.9	10.9	5.9	3.8
45-49	10.6	5.6	3.9	7.5
50-54	17.5	10.0	11.4	13.0
55-59	25.2	30.6	13.0	26.1
60-64	37.0	38.4	25.0	23.9
65-69	41.0	47.8	55.0	50.2
70 & over	101.7	112.8	92.2	78.7
All ages	18.5	17.8	16.0	17.6
PERSON				
0-4	65.5	63.1	64.1	72.1
5-9	7.3	5.0	5.3	4.6
10-14	2.6	2.3	1.8	2.0
15-19	1.6	3.3	3.2	5.1
20-24	4.7	3.4	4.1	3.8
25-29	4.1	3.4	5.2	3.8
30-34	4.4	3.8	3.5	6.1
35-39	6.1	6.2	5.1	5.7
40-44	8.8	8.3	5.2	6.5
45-49	11.8	9.2	10.4	10.6
50-54	18.1	13.8	15.5	15.2
55-59	28.6	31.7	20.9	29.6
60-64	48.5	35.8	30.8	32.2
65-69	56.6	61.5	61.1	48.9
70 & over	121.8	108.4	97.0	87.8
All ages	18.3	17.6	15.8	17.4

TABLE 4—Contd.

URBAN

Age-groups	1972	1973	1974	1975
MALE				
0—4	27.1	25.7	27.2	28.1
5—9	1.3	2.6	2.0	3.1
10—14	1.1	3.1	1.5	1.1
15—19	0.4	2.2	1.0	0.8
20—24	0.4	2.0	0.9	1.5
25—29	2.4	1.9	1.1	3.7
30—34	5.3	1.8	2.8	2.7
35—39	4.4	2.5	0.9	1.4
40—44	6.0	4.1	7.4	4.8
45—49	5.7	8.8	10.3	13.3
50—54	20.6	6.0	12.9	11.7
55—59	23.5	24.2	18.6	25.5
60—64	37.6	34.9	17.4	45.0
65—69	25.0	46.1	38.5	48.0
70 & over	100.8	69.8	70.4	111.8
All ages	9.8	9.0	7.5	9.0

FEMALE

0—4	38.8	30.7	30.5	31.5
5—9	2.2	4.3	2.6	3.2
10—14	2.1	3.2	0.4	1.0
15—19	2.7	3.1	2.6	3.9
20—24	3.0	3.7	1.8	3.2
25—29	2.3	2.4	1.2	1.3
30—34	5.4	2.9	0.5	2.5
35—39	1.9	3.8	1.0	3.9
40—44	4.5	2.5	6.2	2.1
45—49	7.2	5.9	2.8	2.5
50—54	13.5	10.1	11.3	9.1
55—59	11.1	9.0	13.0	8.1
60—64	40.1	18.0	19.4	30.8
65—69	35.6	60.8	29.6	42.2
70 & over	86.4	61.8	81.5	95.9
All ages	10.3	9.6	7.9	9.7

PERSON

0—4	32.6	28.1	28.8	29.7
5—9	1.7	3.4	2.3	3.1
10—14	1.5	3.2	1.0	1.1
15—19	1.5	2.6	1.6	2.2
20—24	2.0	2.8	1.3	2.3
25—29	2.3	2.1	1.2	2.5
30—34	5.4	2.3	1.7	2.6
35—39	3.2	3.1	0.9	2.6
40—44	5.3	3.4	6.8	3.5
45—49	6.4	7.4	6.8	8.3
50—54	17.4	7.9	12.1	10.5
55—59	17.9	17.2	16.1	17.5
60—64	38.9	26.1	18.4	37.9
65—69	30.4	53.5	33.7	44.9
70 & over	93.3	65.7	76.4	103.6
All ages	10.1	9.3	7.7	9.3

TABLE 4—Contd.

COMBINED

Age-groups	1972	1973	1974	1975
MALE				
0—4	52.8	52.3	55.8	60.8
5—9	4.6	4.5	5.0	4.8
10—14	1.8	2.3	1.8	1.5
15—19	0.9	2.3	2.0	1.5
20—24	2.9	2.8	2.7	2.6
25—29	3.0	2.6	4.1	3.1
30—34	3.8	3.4	3.3	5.6
35—39	5.5	4.9	5.5	5.4
40—44	10.6	5.6	5.0	8.2
45—49	11.6	11.9	15.4	13.5
50—54	18.9	15.0	18.0	16.2
55—59	30.3	31.3	26.2	31.5
60—64	55.8	33.7	33.6	41.6
65—69	65.0	71.8	63.1	47.5
70 & over	136.6	97.9	96.2	100.7
All ages	16.7	16.0	14.0	15.6

FEMALE

0—4	68.3	62.5	61.1	70.8
5—9	8.1	6.1	5.0	3.9
10—14	3.1	2.7	1.5	2.2
15—19	2.4	4.2	3.9	4.8
20—24	5.5	3.5	4.6	4.6
25—29	4.7	3.8	4.9	4.0
30—34	5.2	3.8	3.1	5.5
35—39	5.6	6.6	3.3	5.1
40—44	5.6	9.5	6.0	3.5
45—49	10.0	5.6	3.7	6.7
50—54	16.9	10.0	11.4	12.4
55—59	23.1	27.4	13.0	23.3
60—64	37.6	34.6	24.0	25.1
65—69	40.2	49.5	50.8	48.9
70 & over	99.0	103.3	97.1	81.9
All ages	16.9	16.2	14.6	16.1

PERSON

0—4	60.2	57.2	58.3	65.6
5—9	6.3	4.7	4.8	4.4
10—14	2.4	2.5	1.6	1.9
15—19	1.6	3.2	2.9	3.0
20—24	4.2	3.2	3.6	3.6
25—29	3.8	3.2	4.5	3.5
30—34	4.5	5.6	3.2	5.5
35—39	5.6	5.7	4.4	5.2
40—44	8.2	7.5	5.4	6.0
45—49	10.8	8.9	9.8	10.2
50—54	18.0	12.8	14.9	14.4
55—59	26.9	29.5	20.2	27.8
60—64	46.8	34.1	28.6	33.2
65—69	52.9	60.5	56.8	48.2
70 & over	116.6	100.6	93.0	90.7
All ages	16.8	16.1	14.3	15.9

TABLE 5

Per cent distribution of sample births by type of medical attention at birth, 1970-75

Year	Type of medical attention at birth			
	I	T	U	O
RURAL				
1972	2.0	11.7	75.9	10.4
1973	1.8	2.2	83.0	13.0
1974	0.2	10.7	82.8	6.3
1975	0.3	5.0	82.0	12.7
URBAN				
1972	12.0	7.8	66.6	13.6
1973	16.0	10.9	67.7	5.4
1974	17.0	13.5	67.5	2.0
1975	16.0	18.2	63.8	2.0
COMBINED				
1972	4.6	10.7	73.4	11.3
1973	5.5	4.3	79.0	11.1
1974	4.3	11.4	79.0	5.3
1975	4.2	8.3	77.5	10.0

I : Institutions like hospitals, maternity/nursing homes, health centres, etc.

T : Delivery conducted in the home by doctor, trained dai, trained mid-wife, trained nurse, etc.

U : Delivery conducted in the home by untrained village dai or other untrained professional functionary.

O : Delivery conducted in the home by relation and others excluding the above.

TABLE 6

Per cent distribution of sample deaths by type of medical attention at death, 1970-75

Year	Type of medical attention at death			
	I	M	U	N
RURAL				
1972	5.2	14.7	42.2	37.9
1973	6.3	12.0	43.1	38.6
1974	6.3	11.6	47.1	35.0
1975	1.4	15.0	44.9	38.7
URBAN				
1972	13.7	7.2	45.3	33.8
1973	16.0	17.1	35.1	31.8
1974	14.4	21.7	43.5	20.4
1975	14.0	19.4	42.1	24.5
COMBINED				
1972	6.8	13.3	42.7	37.2
1973	8.0	12.9	41.7	37.4
1974	7.7	13.3	46.5	32.5
1975	3.6	15.8	44.4	36.2

I : If the death occurred in a hospital, dispensary, health centre or other medical institution, etc.

M : If the death occurred at home but was attended by a qualified practitioner.

U : If the death occurred at home and was attended by an unqualified practitioner.

N : No professional doctor/hakim/vaidya attended.

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TABLE 1—*Concd.*

COMBINED

Age-groups	1970	1971	1972	1973	1974	1975
MALE						
0-4	13.43	14.69	14.04	13.57	13.05	13.52
5-9	12.68	12.60	12.82	12.87	12.59	12.46
10-14	11.59	11.41	11.77	11.66	11.27	11.57
15-19	9.20	9.05	9.17	9.70	9.94	10.03
20-24	8.14	8.05	8.36	8.14	8.32	8.21
25-29	7.70	7.58	7.42	7.55	7.57	7.61
30-34	7.14	7.15	7.23	7.09	7.06	6.93
35-39	6.56	6.49	6.35	6.32	6.15	6.18
40-44	5.96	5.96	6.04	5.93	5.98	5.86
45-49	5.13	4.95	4.82	4.91	4.86	4.39
50-54	4.08	4.04	4.21	4.24	4.33	4.28
55-59	2.86	2.80	2.66	2.76	2.94	3.02
60-64	2.57	2.48	2.45	2.44	2.42	2.36
65-69	1.44	1.39	1.35	1.42	1.53	1.60
70 & over	1.52	1.36	1.31	1.40	1.49	1.48
All ages	100.00	100.00	100.00	100.00	100.00	100.00

FEMALE

0-4	13.38	14.47	14.05	13.65	13.04	13.55
5-9	12.73	12.64	12.68	12.76	12.50	12.19
10-14	11.51	11.19	11.51	11.39	11.43	11.39
15-19	9.02	8.86	8.85	9.35	9.65	9.68
20-24	8.98	9.03	9.20	8.92	9.08	8.92
25-29	8.31	8.28	7.93	8.02	7.79	7.91
30-34	7.28	7.31	7.74	7.51	7.49	7.44
35-39	6.54	6.37	6.20	6.19	6.17	6.22
40-44	5.54	5.54	5.79	5.82	5.95	5.83
45-49	4.46	4.44	4.30	4.42	4.53	4.65
50-54	3.95	3.91	4.01	3.99	4.01	3.96
55-59	2.63	2.54	2.51	2.63	2.78	2.80
60-64	2.74	2.62	2.54	2.44	2.40	2.26
65-69	1.36	1.36	1.28	1.38	1.57	1.57
70 & over	1.57	1.44	1.41	1.53	1.61	1.63
All ages	100.00	100.00	100.00	100.00	100.00	100.00

PERSON

0-4	13.41	14.58	14.05	13.61	13.05	13.54
5-9	12.71	12.62	12.75	12.81	12.54	12.33
10-14	11.55	11.30	11.64	11.53	11.60	11.48
15-19	9.12	8.95	9.01	9.53	9.80	9.85
20-24	8.55	8.53	8.78	8.53	8.70	8.56
25-29	8.00	7.93	7.67	7.78	7.68	7.76
30-34	7.21	7.23	7.48	7.30	7.27	7.19
35-39	6.55	6.43	6.28	6.26	6.16	6.20
40-44	5.75	5.75	5.92	5.87	5.96	5.84
45-49	4.80	4.70	4.56	4.67	4.70	4.77
50-54	4.02	3.97	4.11	4.12	4.17	4.12
55-59	2.75	2.67	2.59	2.69	2.86	2.91
60-64	2.64	2.55	2.49	2.44	2.41	2.31
65-69	1.40	1.38	1.31	1.40	1.55	1.59
70 & over	1.54	1.40	1.36	1.46	1.55	1.55
All ages	100.00	100.00	100.00	100.00	100.00	100.00

TABLE 2

Estimated age-specific fertility rates and other fertility indicators, 1970-75

Age-groups	1970	1971	1972	1973	1974	1975
RURAL						
15-19	66.3	85.2	121.7	84.1	87.9	93.2
20-24	228.6	237.5	259.4	241.3	234.8	251.3
25-29	231.0	228.1	231.2	225.7	229.9	236.1
30-34	180.2	168.2	154.9	159.5	151.0	149.0
35-39	93.3	92.5	91.0	94.2	80.4	92.5
40-44	29.9	26.3	22.1	30.8	24.3	26.0
45-49	8.2	5.1	7.2	6.2	6.9	6.7
Crude birth rate	32.6	32.9	35.2	32.2	31.3	32.7
General fertility rate	133.2	135.0	142.4	131.8	127.3	133.1
Total fertility rate	4.1	4.2	4.4	4.2	4.0	4.2
Gross reproduction rate	2.0	2.0	2.2	2.1	2.0	2.1
URBAN						
15-19	44.1	43.2	48.7	50.5	47.5	52.9
20-24	151.7	175.3	167.4	155.6	164.8	174.2
25-29	168.2	210.1	179.3	168.7	165.7	170.9
30-34	121.4	138.0	125.2	114.9	110.1	111.0
35-39	67.5	76.6	59.0	64.2	52.5	62.8
40-44	20.8	21.3	21.8	17.4	13.5	18.2
45-49	8.0	10.0	6.6	2.7	4.4	8.5
Crude birth rate	23.8	27.8	25.9	24.9	24.3	25.9
General fertility rate	93.0	108.8	99.2	94.4	100.5	98.1
Total fertility rate	2.9	3.3	3.0	2.9	2.8	3.0
Gross reproduction rate	1.4	1.7	1.5	1.5	1.3	1.6
COMBINED						
15-19	58.6	70.7	95.1	72.2	74.2	79.6
20-24	204.7	217.5	227.7	210.7	209.6	223.4
25-29	211.3	222.4	214.4	206.3	208.7	213.8
30-34	164.7	160.0	146.1	145.9	138.5	137.1
35-39	85.8	87.9	81.3	85.4	72.5	83.9
40-44	27.5	25.0	22.0	27.0	21.2	23.7
45-49	8.1	6.7	7.0	5.2	6.2	7.2
Crude birth rate	30.0	31.4	32.4	30.0	29.2	30.7
General fertility rate	121.1	127.0	128.6	119.7	116.1	121.8
Total fertility rate	3.8	3.9	3.9	3.7	3.6	3.8
Gross reproduction rate	1.8	1.9	1.9	1.8	1.7	1.9

TABLE 3
Mortality indicators, 1970-75

Year	Crude death rate	Infant mortality rate	Neo-natal mortality rate	Post-natal mortality rate	Peri-natal mortality rate	Still birth rate
RURAL						
1970	18.1	134	55.0	79.0	52.1	19.4
1971	16.5	127	53.3	73.7	59.8	27.5
1972	17.8	133	56.6	76.4	57.6	26.0
1973	16.5	122	52.1	69.9	53.8	24.2
1974	16.1	118	50.7	67.3	49.8	26.3
1975	17.5	129	56.0	73.0	58.8	26.3
URBAN						
1970	9.4	90	47.0	43.0	41.1	10.0
1971	9.3	77	51.4	25.6	41.6	6.3
1972	8.9	85	55.1	29.9	55.3	14.9
1973	8.4	67	35.2	31.8	41.7	18.5
1974	8.7	71	44.1	26.9	67.4	19.9
1975	9.0	65	40.2	24.8	37.8	10.7
COMBINED						
1970	15.6	125	53.1	71.9	49.6	17.3
1971	14.4	113	52.8	60.2	55.2	22.1
1972	15.1	121	56.2	64.8	57.2	23.3
1973	14.1	108	47.8	60.2	50.7	22.8
1974	13.9	106	49.0	57.0	54.2	24.7
1975	15.0	112	51.9	60.1	53.4	22.2

TABLE 4
Estimated age-specific death rates by sex, 1970-75

RURAL						
Age-groups	1970	1971	1972	1973	1974	1975
MALE						
0-4	32.7	48.5	49.3	48.2	46.3	46.8
5-9	7.1	5.9	5.9	5.3	4.5	4.3
10-14	2.6	2.1	2.5	2.6	2.2	3.0
15-19	3.6	3.5	3.7	3.4	2.5	3.8
20-24	4.9	4.0	4.6	6.0	4.2	4.1
25-29	4.7	5.6	5.1	4.3	5.2	4.6
30-34	4.6	5.7	5.4	5.0	4.9	5.3
35-39	4.7	6.6	5.6	7.9	7.0	9.4
40-44	10.2	8.6	9.7	10.6	10.2	11.2
45-49	4.9	12.4	7.4	11.8	14.4	14.6
50-54	23.9	21.8	19.0	20.3	16.1	19.6
55-59	20.4	29.5	32.5	29.6	33.9	32.4
60-64	43.6	51.2	49.6	44.4	46.0	46.2
65-69	63.2	55.0	77.4	66.1	67.8	85.1
70 & over	148.2	127.2	151.7	110.0	121.6	140.8
All ages	17.6	17.1	17.3	16.7	16.2	17.5
FEMALE						
0-4	53.5	45.3	51.5	44.3	46.1	45.9
5-9	6.0	5.2	6.3	5.0	4.9	5.4
10-14	3.0	2.3	3.0	2.2	2.2	1.9
15-19	5.1	4.7	4.9	3.4	3.9	5.3
20-24	4.4	4.2	4.9	5.4	4.1	5.6
25-29	4.5	6.6	5.8	5.6	4.5	6.7
30-34	8.2	6.5	6.4	6.1	6.5	7.3
35-39	7.9	5.6	6.5	7.0	7.0	7.7
40-44	10.1	6.2	8.4	8.5	6.9	9.4
45-49	11.5	10.3	14.6	13.4	11.4	14.5
50-54	24.7	18.3	26.3	18.7	20.7	19.8
55-59	33.0	27.2	26.1	38.8	33.6	34.3
60-64	50.0	48.5	52.5	52.5	50.0	42.4
65-69	62.0	55.8	86.1	70.0	63.1	88.1
70 & over	163.5	114.6	131.6	134.2	128.1	165.6
All ages	18.7	15.9	18.2	16.8	16.0	17.9
PERSON						
0-4	53.1	46.9	50.4	46.3	46.2	46.3
5-9	6.6	5.6	6.1	5.1	4.7	4.9
10-14	2.8	2.2	2.7	2.4	2.2	2.5
15-19	4.3	4.1	4.2	3.4	3.2	4.5
20-24	4.7	4.1	4.7	5.7	4.1	4.9
25-29	4.6	6.1	5.5	5.0	4.8	5.7
30-34	6.5	6.1	5.9	5.6	5.7	6.3
35-39	6.3	6.1	6.1	7.4	7.0	8.5
40-44	10.2	7.4	9.1	9.5	8.5	10.3
45-49	8.7	11.4	10.8	12.6	13.0	14.6
50-54	24.3	20.1	22.5	19.5	18.4	19.7
55-59	26.5	28.4	29.4	34.2	33.7	33.3
60-64	46.9	49.8	51.0	48.4	48.0	44.4
65-69	62.6	55.4	81.6	68.0	65.5	86.6
70 & over	155.8	120.9	141.4	122.3	124.9	153.1
All ages	18.1	16.5	17.8	16.5	16.1	17.5

TABLE 4—Contd.

TABLE 4—Concl'd.

URBAN							COMBINED						
Age-groups	1970	1971	1972	1973	1974	1975	Age-groups	1970	1971	1972	1973	1974	1975
MALE							MALE						
0-4	30.2	22.3	27.9	21.1	27.0	31.0	0-4	47.1	41.7	44.2	41.5	41.4	42.9
5-9	2.5	1.2	1.5	1.3	2.7	2.1	5-9	5.6	4.5	4.6	4.0	3.9	3.6
10-14	2.4	2.1	0.8	0.5	2.8	0.9	10-14	2.5	2.1	2.0	2.0	2.4	2.4
15-19	2.2	0.5	1.5	1.7	0.9	1.7	15-19	3.2	2.5	2.9	2.9	2.0	3.1
20-24	3.2	2.9	1.3	1.6	1.8	1.8	20-24	4.4	3.7	3.5	4.4	3.3	3.3
25-29	4.8	4.1	2.5	2.0	1.8	1.8	25-29	4.7	5.1	4.4	3.5	4.0	3.6
30-34	3.3	3.6	3.7	1.2	3.5	1.6	30-34	3.9	5.0	4.8	3.7	4.4	4.0
35-39	3.6	5.0	3.1	1.5	4.5	2.8	35-39	4.4	6.1	4.9	5.8	6.2	7.2
40-44	7.0	8.9	5.8	5.9	3.8	5.0	40-44	9.3	8.7	8.5	9.1	8.2	9.2
45-49	9.0	9.5	12.1	13.0	13.1	11.4	45-49	11.8	11.5	8.9	12.2	14.0	13.7
50-54	10.6	15.4	12.2	11.8	16.7	17.3	50-54	20.1	20.0	16.9	17.8	16.3	18.9
55-59	20.4	16.3	26.8	21.2	24.3	24.0	55-59	20.4	25.8	30.8	27.4	31.1	29.9
60-64	35.2	47.4	41.0	37.9	17.5	38.0	60-64	41.2	50.2	47.0	42.5	37.7	43.8
65-69	41.3	52.1	50.3	80.3	41.6	38.9	65-69	57.5	54.2	69.5	69.8	60.6	70.4
70 & over	84.5	111.4	83.3	102.8	110.0	73.9	70 & over	129.4	122.8	129.3	108.0	118.3	120.3
All ages	9.9	9.7	9.2	8.4	9.2	9.3	All ages	15.3	14.9	14.8	14.1	14.0	15.0
FEMALE							FEMALE						
0-4	26.5	23.6	26.6	24.6	21.2	22.7	0-4	46.7	39.7	45.5	39.4	39.7	40.1
5-9	3.3	3.2	1.4	2.1	2.6	1.3	5-9	5.2	4.6	4.8	4.1	4.2	4.2
10-14	2.9	1.0	1.3	1.4	0.7	2.0	10-14	3.0	1.9	2.5	2.0	1.7	2.0
15-19	2.7	2.7	1.8	1.3	2.5	..	15-19	4.3	4.0	3.8	2.7	3.5	3.5
20-24	2.6	2.4	3.1	2.7	1.4	0.7	20-24	3.8	3.6	4.3	4.4	3.1	3.8
25-29	5.7	2.7	1.2	1.5	2.8	1.6	25-29	4.9	5.4	4.3	4.2	3.9	5.0
30-34	3.1	1.8	2.5	2.2	2.6	4.3	30-34	6.9	5.2	5.3	4.9	5.3	6.3
35-39	5.7	6.8	2.2	5.2	3.5	6.9	35-39	7.3	5.9	5.2	6.5	6.0	7.5
40-44	4.2	5.7	5.7	3.2	3.9	5.0	40-44	8.5	6.1	7.6	7.0	6.0	8.1
45-49	5.2	7.3	8.2	9.5	10.4	11.6	45-49	9.7	9.4	12.7	12.3	11.1	13.6
50-54	4.6	14.5	14.4	6.9	17.8	11.1	50-54	19.2	17.3	22.9	15.4	19.9	17.3
55-59	13.1	20.2	13.8	12.7	9.5	28.6	55-59	27.7	25.4	22.5	31.4	26.7	32.6
60-64	19.0	26.9	24.0	37.4	38.7	35.5	60-64	41.1	42.4	44.1	48.0	46.6	40.4
65-69	36.3	30.9	57.3	52.9	30.3	40.7	65-69	54.7	49.3	77.6	65.4	53.0	72.7
70 & over	92.7	97.3	89.6	94.4	82.9	68.8	70 & over	141.3	109.2	117.5	121.9	113.6	129.9
All ages	9.0	9.0	8.5	8.4	8.2	8.6	All ages	15.8	13.9	15.3	14.2	13.8	15.1
PERSON							PERSON						
0-4	28.3	22.9	27.3	22.9	24.1	26.8	0-4	49.9	40.7	44.8	40.4	40.6	41.5
5-9	2.9	2.2	1.5	1.7	2.6	1.7	5-9	5.5	4.6	4.7	4.1	4.1	3.9
10-14	2.6	1.5	1.1	1.0	1.8	1.4	10-14	2.8	2.0	2.2	2.0	2.1	2.2
15-19	2.4	1.6	1.7	1.5	1.7	0.8	15-19	3.7	3.3	3.3	2.8	2.7	3.3
20-24	2.9	2.7	2.2	2.2	1.6	1.2	20-24	4.1	3.6	3.9	4.4	3.2	3.6
25-29	5.2	3.4	1.9	1.7	2.3	1.8	25-29	4.8	5.3	4.2	3.8	3.9	4.3
30-34	2.7	2.7	3.1	1.7	3.1	2.9	30-34	5.4	5.1	5.0	4.3	4.9	5.2
35-39	4.7	5.9	2.7	3.3	4.0	4.7	35-39	5.8	6.0	5.0	6.1	6.1	7.3
40-44	5.7	7.4	5.8	4.7	3.8	5.0	40-44	8.9	7.4	8.1	8.1	7.1	8.7
45-49	7.3	8.5	10.3	11.4	11.8	11.5	45-49	10.8	10.6	10.7	12.2	12.6	13.6
50-54	7.8	14.9	13.3	9.5	17.2	14.5	50-54	19.7	18.7	19.8	16.7	18.0	18.1
55-59	17.0	18.1	20.6	17.1	17.2	26.3	55-59	23.9	25.6	26.8	29.3	29.0	31.2
60-64	26.8	36.8	32.6	37.6	28.2	36.8	60-64	41.2	46.2	45.5	45.2	42.1	42.1
65-69	38.7	41.6	53.7	66.6	35.6	39.8	65-69	56.2	51.8	73.5	67.6	56.7	71.5
70 & over	88.8	103.8	86.6	98.3	95.3	71.0	70 & over	135.4	115.8	123.2	115.2	115.9	125.3
All ages	9.4	9.3	8.9	8.4	8.7	9.0	All ages	15.6	14.4	15.1	14.1	13.9	15.0

TABLE 5

Per cent distribution of sample births by type of medical attention at birth, 1970-75

Year	Type of medical attention at birth			
	I	T	U	O
RURAL				
1970	13.7	17.8	34.3	34.2
1971	13.8	15.6	35.6	35.4
1972	13.1	15.5	35.6	35.8
1973	13.3	18.2	31.6	36.9
1974	14.8	20.1	29.7	35.4
1975	14.5	19.9	28.9	36.7
URBAN				
1970	42.5	19.9	12.7	24.9
1971	46.0	27.3	11.9	14.8
1972	53.5	24.8	11.1	10.6
1973	57.5	22.7	10.3	9.5
1974	53.4	15.7	9.3	11.6
1975	54.6	22.6	8.8	14.0
COMBINED				
1970	18.9	18.2	30.4	32.5
1971	20.3	18.0	30.5	31.2
1972	20.5	17.3	31.1	31.1
1973	21.9	19.0	27.5	31.6
1974	22.1	21.2	25.8	30.9
1975	22.4	20.4	24.9	32.3

TABLE 6

Percent distribution of sample deaths by type of medical attention at death, 1970-75

Year	Type of medical attention at death			
	I	M	U	N
RURAL				
1970	8.9	10.2	28.2	52.7
1971	8.7	10.6	17.5	63.2
1972	7.3	10.4	20.5	61.8
1973	6.3	10.4	22.1	61.2
1974	9.5	11.6	19.0	59.9
1975	9.1	11.0	22.0	57.9
URBAN				
1970	23.9	26.5	10.5	39.1
1971	24.2	37.5	17.0	21.3
1972	18.4	33.6	12.9	35.1
1973	24.0	31.9	14.3	29.8
1974	25.7	38.2	10.8	25.3
1975	26.7	29.2	12.9	31.2
COMBINED				
1970	11.0	12.4	25.7	50.9
1971	10.9	14.4	17.4	57.3
1972	8.8	13.5	19.5	58.2
1973	8.6	13.2	21.1	57.1
1974	11.8	15.3	17.9	55.0
1975	11.4	13.4	20.8	54.4

I : Institutions like hospitals, maternity/nursing homes, health centres, etc.

T : Delivery conducted in the home by doctor, trained dai, trained mid-wife, trained nurse, etc.

U : Delivery conducted in the home by untrained village dai or other untrained professional functionary.

O : Delivery conducted in the home by relation and others excluding the above.

I : If the death occurred in a hospital, dispensary, health centre, other medical institution, etc.

M : If the death occurred at home but was attended by a qualified practitioner.

U : If the death occurred at home and was attended by an unqualified practitioner.

N : No professional doctor/hakim/vaidya attended.

UTTAR PRADESH

TABLE 1

Per cent distribution of estimated population by age-groups and sex, 1970-75

RURAL						
Age-groups	1970	1971	1972	1973	1974	1975
MALE						
0-4	16.52	14.88	15.36	15.35	15.57	15.16
5-9	14.43	14.35	14.02	13.96	13.64	13.31
10-14	12.22	13.03	13.17	12.96	13.00	13.01
15-19	8.69	9.11	9.47	9.86	10.52	10.71
20-24	6.95	7.48	7.42	7.74	7.57	7.98
25-29	7.17	7.04	6.23	6.29	6.45	6.03
30-34	6.50	6.71	6.74	6.42	6.25	6.33
35-39	5.77	5.72	5.44	5.56	5.70	5.55
40-44	5.32	5.41	5.25	5.14	5.03	5.16
45-49	4.17	4.15	4.32	4.41	4.37	4.46
50-54	4.14	3.98	4.00	3.78	3.61	3.57
55-59	2.40	2.46	2.78	2.89	2.75	3.09
60-64	2.56	2.51	2.33	2.19	2.17	2.09
65-69	1.24	1.20	1.51	1.61	1.61	1.76
70 & over	2.00	1.89	1.96	1.84	1.76	1.79
All ages	100.00	100.00	100.00	100.00	100.00	100.00
FEMALE						
0-4	16.08	14.81	15.22	15.25	15.20	15.13
5-9	14.04	14.16	13.89	13.71	13.34	12.61
10-14	11.42	11.90	12.26	12.07	12.38	12.40
15-19	8.04	8.32	8.29	8.87	9.32	9.68
20-24	8.17	8.11	7.79	7.80	7.65	7.59
25-29	7.46	7.44	6.99	7.03	7.15	7.05
30-34	7.11	7.16	7.10	6.93	6.79	6.67
35-39	5.88	6.02	5.81	5.94	6.16	6.15
40-44	5.28	5.45	5.61	5.52	5.09	5.27
45-49	4.19	4.17	4.19	4.34	4.54	4.41
50-54	3.75	3.74	3.63	3.57	3.51	3.52
55-59	2.43	2.51	2.84	2.89	2.96	3.02
60-64	2.69	2.78	2.43	2.27	2.20	2.26
65-69	1.36	1.42	1.84	1.84	1.77	1.93
70 & over	2.10	2.01	2.11	1.97	1.94	2.01
All ages	100.00	100.00	100.00	100.00	100.00	100.00
PERSON						
0-4	16.31	14.85	15.29	15.30	15.39	15.15
5-9	14.21	14.30	13.96	13.84	13.50	12.98
10-14	11.84	12.50	12.74	12.54	12.71	12.73
15-19	8.38	8.74	8.91	9.40	9.96	10.22
20-24	7.53	7.78	7.60	7.77	7.61	7.80
25-29	7.31	7.23	6.59	6.64	6.78	6.51
30-34	6.79	6.92	6.91	6.66	6.50	6.49
35-39	5.82	5.87	6.62	5.74	5.92	5.83
40-44	5.24	5.43	5.42	5.32	5.06	5.22
45-49	4.18	4.16	4.26	4.38	4.46	4.58
50-54	3.95	3.86	3.82	3.68	3.56	3.55
55-59	2.42	2.48	2.81	2.89	2.85	3.05
60-64	2.62	2.64	2.38	2.22	2.18	2.16
65-69	1.30	1.30	1.65	1.72	1.69	1.84
70 & over	2.05	1.94	2.04	1.90	1.84	1.89
All ages	100.00	100.00	100.00	100.00	100.00	100.00

TABLE 1—Contd.

URBAN						
Age-groups	1970	1971	1972	1973	1974	1975
MALE						
0-4	13.81	11.67	12.72	12.97	12.69	12.45
5-9	13.90	13.40	12.99	12.28	12.11	11.93
10-14	13.05	12.64	13.07	12.69	12.82	12.56
15-19	10.41	11.76	11.35	11.75	11.58	12.07
20-24	8.14	8.75	9.16	9.17	9.59	9.40
25-29	7.95	7.87	7.76	7.46	7.53	8.27
30-34	6.41	6.86	6.72	6.64	6.97	6.52
35-39	6.01	6.44	6.10	5.74	5.62	6.02
40-44	5.44	5.52	5.64	5.41	5.41	5.21
45-49	4.09	4.31	4.18	4.49	4.45	4.74
50-54	3.87	3.89	3.76	3.60	3.58	3.41
55-59	2.01	2.13	2.03	2.74	2.74	2.88
60-64	2.15	2.14	2.07	1.86	1.87	1.64
65-69	1.08	1.02	0.98	1.50	1.39	1.44
70 & over	1.68	1.60	1.47	1.70	1.65	1.46
All ages	100.00	100.00	100.00	100.00	100.00	100.00
FEMALE						
0-4	14.49	12.47	13.34	13.61	13.19	13.08
5-9	14.50	13.98	13.71	12.88	12.69	12.61
10-14	13.07	13.24	13.37	13.07	13.02	12.71
15-19	10.37	11.76	11.16	11.53	11.94	12.26
20-24	8.57	8.82	9.27	9.03	9.41	9.42
25-29	7.79	8.17	7.92	7.55	7.44	7.99
30-34	6.90	7.00	7.04	6.61	6.86	6.16
35-39	5.80	6.17	5.88	5.88	5.80	6.34
40-44	4.88	5.04	5.22	5.01	5.02	4.83
45-49	3.61	3.60	3.64	4.03	4.06	4.39
50-54	3.26	3.27	3.14	3.26	3.14	2.96
55-59	1.81	1.90	1.91	2.56	2.53	2.50
60-64	2.15	2.04	1.93	1.67	1.62	1.60
65-69	1.16	1.05	1.06	1.55	1.52	1.49
70 & over	1.64	1.49	1.41	1.76	1.76	1.66
All ages	100.00	100.00	100.00	100.00	100.00	100.00
PERSON						
0-4	14.12	12.04	13.00	12.62	12.92	12.75
5-9	14.18	13.67	12.32	13.98	12.38	12.25
10-14	13.06	12.92	13.21	13.56	12.91	12.63
15-19	10.40	11.76	11.26	11.08	11.75	12.16
20-24	8.34	8.79	9.21	9.35	9.50	9.41
25-29	7.87	8.01	7.83	7.90	7.49	8.14
30-34	6.64	6.92	6.86	7.17	6.92	6.35
35-39	5.91	6.31	6.00	5.80	5.70	6.17
40-44	5.18	5.30	5.45	5.26	5.23	5.03
45-49	3.87	3.98	3.94	3.54	4.27	4.58
50-54	3.59	3.60	3.47	3.34	3.38	3.20
55-59	1.91	2.02	1.97	2.03	2.64	2.70
60-64	2.15	2.09	2.01	1.93	1.76	1.62
65-69	1.12	1.04	1.02	1.07	1.45	1.46
70 & over	1.66	1.55	1.44	1.37	1.70	1.55
All ages	100.00	100.00	100.00	100.00	100.00	100.00

TABLE 1—*Concl'd.*

COMBINED

Age-groups	1970	1971	1972	1973	1974	1975
MALE						
0-4	16.18	14.48	15.02	15.04	15.20	14.81
5-9	14.30	14.30	13.89	13.74	13.44	13.14
10-14	12.32	12.98	13.15	12.92	12.98	12.97
15-19	8.91	9.44	9.70	10.10	10.66	10.88
20-24	7.10	7.64	7.64	7.93	7.83	8.17
25-29	7.27	7.14	6.42	6.44	6.59	6.31
30-34	6.49	6.73	6.73	6.45	6.34	6.36
35-39	5.80	5.81	5.52	5.58	5.69	5.61
40-44	5.32	5.43	5.30	5.18	5.08	5.16
45-49	4.16	4.17	4.30	4.42	4.38	4.49
50-54	4.11	3.97	3.96	3.76	3.61	3.55
55-59	2.35	2.42	2.68	2.87	2.75	3.06
60-64	2.51	2.46	2.30	2.15	2.13	2.02
65-69	1.22	1.18	1.40	1.60	1.58	1.72
70 & over	1.96	1.85	1.99	1.82	1.75	1.75
All ages	100.00	100.00	100.00	100.00	100.00	100.00
FEMALE						
0-4	15.89	14.53	14.99	15.04	14.95	14.88
5-9	14.10	14.14	13.87	13.60	13.26	12.61
10-14	11.62	12.06	12.39	12.19	12.46	12.44
15-19	8.32	8.74	8.64	9.20	9.65	10.00
20-24	8.22	8.20	7.97	7.96	7.87	7.82
25-29	7.50	7.52	7.10	7.10	7.19	7.17
30-34	7.08	7.14	7.09	6.88	6.80	6.61
35-39	5.86	6.04	5.82	5.94	6.11	6.17
40-44	5.22	5.44	5.57	5.46	5.08	5.21
45-49	4.12	4.10	4.12	4.30	4.48	4.67
50-54	3.69	3.68	3.57	3.53	3.46	3.45
55-59	2.36	2.43	2.73	2.85	2.90	2.95
60-64	2.63	2.69	2.37	2.20	2.13	2.17
65-69	1.35	1.38	1.75	1.80	1.74	1.88
70 & over	2.05	1.95	2.03	1.95	1.92	1.97
All ages	100.00	100.00	100.00	100.00	100.00	100.00
PERSON						
0-4	16.04	14.50	15.01	15.04	15.08	14.84
5-9	14.20	14.23	13.88	13.68	13.36	12.89
10-14	11.99	12.55	12.80	12.58	12.74	12.72
15-19	8.63	9.11	9.20	9.68	10.19	10.47
20-24	7.63	7.90	7.80	7.94	7.85	8.00
25-29	7.38	7.32	6.74	6.75	6.87	6.71
30-34	6.77	6.92	6.90	6.65	6.55	6.48
35-39	5.83	5.92	5.66	5.75	5.89	5.87
40-44	5.28	5.41	5.43	5.31	5.08	5.19
45-49	4.14	4.14	4.22	4.36	4.43	4.58
50-54	3.91	3.83	3.78	3.65	3.54	3.50
55-59	2.36	2.44	2.71	2.86	2.82	3.01
60-64	2.56	2.57	2.34	2.17	2.13	2.09
65-69	1.28	1.27	1.58	1.70	1.64	1.80
70 & over	2.00	1.90	1.96	1.88	1.83	1.85
All ages	100.00	100.00	100.00	100.00	100.00	100.00

TABLE 2

Estimated age-specific fertility rates and other fertility indicators, 1970-75

Age-groups	1970	1971	1972	1973	1974	1975
RURAL						
15-19	120.2	126.7	130.3	119.1	134.7	127.2
20-24	300.1	299.8	307.2	293.9	309.2	307.6
25-29	314.9	315.4	305.4	297.6	289.6	323.9
30-34	284.8	268.9	275.3	248.0	261.2	270.8
35-39	212.6	212.6	193.1	196.1	180.2	192.2
40-44	122.4	112.9	110.9	105.8	103.0	101.2
45-49	52.7	47.5	55.3	50.2	45.3	53.9
Crude birth rate	46.9	46.3	44.4	43.0	43.5	44.5
General fertility rate	225.8	231.3	228.8	216.0	219.7	225.8
Total fertility rate	7.0	6.9	6.9	6.6	6.6	6.9
Gross reproduction rate	3.4	3.2	3.3	3.1	3.2	3.3
URBAN						
15-19	68.6	61.8	76.1	71.5	60.8	66.2
20-24	254.6	247.4	222.7	229.4	213.1	227.5
25-29	238.8	245.7	253.7	250.8	244.6	244.0
30-34	214.4	204.3	197.1	189.9	182.8	203.9
35-39	136.9	143.5	124.9	127.3	116.2	118.6
40-44	75.2	55.5	51.9	64.2	65.8	66.9
45-49	24.6	34.7	30.2	27.1	34.1	23.2
Crude birth rate	34.7	34.7	34.2	32.9	32.0	33.9
General fertility rate	168.4	150.6	159.2	157.9	149.3	155.9
Total fertility rate	5.0	4.9	4.8	4.8	4.9	4.8
Gross reproduction rate	2.4	2.3	2.2	2.3	2.2	2.3
COMBINED						
15-19	98.8	98.8	107.1	98.9	103.6	101.9
20-24	83.4	280.1	273.4	268.3	269.3	274.3
25-29	287.3	289.6	285.6	279.9	272.7	292.6
30-34	260.5	246.6	248.0	227.9	322.7	247.4
35-39	186.4	187.9	168.9	171.7	158.2	165.6
40-44	106.5	93.9	91.0	91.8	89.9	89.6
45-49	43.7	43.4	47.2	42.3	41.5	43.3
Crude birth rate	45.4	44.9	43.2	41.7	42.1	43.1
General fertility rate	218.7	221.4	219.8	208.6	210.8	217.0
Total fertility rate	6.8	6.6	6.6	6.4	6.4	6.6
Gross reproduction rate	3.3	3.2	3.2	3.0	3.1	3.2

TABLE 3
Mortality indicators, 1970-75

Year	Gross death rate	Infant mortality rate	Neonatal mortality rate	Post-natal mortality rate	Peri-natal mortality rate	Still birth rate
RURAL						
1970	22.7	165	91.6	73.4	69.0	13.6
1971	21.1	173	103.2	69.8	72.6	14.1
1972	27.1	213	100.4	112.6	73.9	14.2
1973	20.4	182	96.7	85.3	74.8	13.6
1974	20.8	179	99.1	79.9	79.9	13.2
1975	23.7	205	105.8	99.2	85.6	16.6
URBAN						
1970	13.7	110	57.8	52.2	50.4	10.8
1971	13.1	119	63.3	55.7	47.3	7.7
1972	14.8	120	54.6	65.4	49.5	13.7
1973	12.6	132	66.6	65.4	51.6	11.9
1974	12.0	110	57.6	52.4	46.7	10.0
1975	14.8	128	63.9	64.1	55.3	10.1
COMBINED						
1970	21.6	154	87.4	66.6	66.7	13.2
1971	20.1	167	99.2	67.8	69.4	13.3
1972	25.6	202	94.5	107.5	70.8	14.2
1973	19.4	176	92.9	83.1	71.9	13.4
1974	19.7	172	93.8	78.2	75.5	12.8
1975	22.6	198	100.5	97.5	81.8	15.8

TABLE 4
Estimated age-specific death rates by sex, 1970-75

Age-groups	RURAL					
	1970	1971	1972	1973	1974	1975
MALE						
0-4	70.5	74.9	88.8	70.9	71.7	83.5
5-9	6.5	5.2	7.2	5.3	5.3	7.3
10-14	1.4	1.9	1.8	2.2	2.3	2.7
15-19	3.5	1.8	2.6	2.6	2.0	2.2
20-24	2.3	3.3	2.7	2.1	2.7	2.5
25-29	3.6	2.3	2.7	2.8	3.8	3.5
30-34	3.8	3.6	3.7	5.2	3.9	3.3
35-39	3.9	6.1	4.7	3.8	4.2	8.4
40-44	8.2	7.7	9.1	8.7	7.0	7.9
45-49	16.1	10.8	13.8	12.0	10.6	12.7
50-54	18.7	22.4	23.1	17.3	17.7	17.6
55-59	25.8	24.2	28.8	21.1	28.6	26.5
60-64	47.6	36.3	50.8	44.6	41.4	35.4
65-69	58.2	58.9	67.6	46.0	54.5	62.7
70 & over	119.8	99.4	129.6	93.7	99.1	127.3
All ages	20.2	19.3	23.0	18.6	18.7	21.3
FEMALE						
0-4	94.8	99.8	114.5	93.3	93.0	104.5
5-9	7.7	6.5	8.7	7.7	7.2	9.1
10-14	2.9	3.1	3.6	2.7	2.1	3.0
15-19	4.6	3.7	5.1	3.5	3.4	5.3
20-24	5.4	5.6	8.6	7.4	6.1	7.3
25-29	6.2	5.8	6.1	6.4	6.3	6.4
30-34	5.5	4.8	6.9	7.0	3.7	6.9
35-39	6.1	6.2	7.4	4.7	5.8	5.9
40-44	6.9	4.7	10.2	7.3	5.7	7.3
45-49	7.9	8.2	8.5	9.1	12.5	9.2
50-54	14.8	13.9	18.8	14.2	12.6	17.3
55-59	21.8	15.2	26.2	18.5	22.0	28.6
60-64	35.7	34.3	51.0	28.3	35.7	40.0
65-69	42.4	42.4	62.6	51.7	55.8	51.5
70 & over	101.2	100.6	148.5	75.3	86.0	95.9
All ages	23.9	22.6	29.7	22.7	23.3	26.1
PERSON						
0-4	81.8	86.7	100.9	81.5	81.6	93.4
5-9	7.1	6.0	7.9	6.4	6.1	8.1
10-14	2.1	2.4	2.6	2.4	2.2	2.8
15-19	4.0	2.7	3.7	3.0	2.6	3.6
20-24	3.9	4.4	5.5	4.6	4.2	4.6
25-29	4.8	4.0	4.4	4.6	5.0	5.0
30-34	4.6	4.2	5.3	6.0	3.8	5.1
35-39	4.9	6.1	6.0	4.2	5.0	7.1
40-44	7.6	6.3	9.7	8.0	6.4	7.6
45-49	12.3	9.8	11.3	10.7	11.5	11.0
50-54	17.0	18.5	21.2	15.9	15.3	17.5
55-59	23.9	19.9	27.6	19.9	25.4	27.5
60-64	41.9	35.3	50.9	36.7	38.7	37.6
65-69	50.3	50.5	65.1	48.8	55.1	57.4
70 & over	110.9	99.9	138.8	85.7	92.6	111.7
All ages	22.7	21.1	27.1	20.4	20.8	23.7

TABLE 4—Contd.

URBAN						
Age-groups	1970	1971	1972	1973	1974	1975
MALE						
0—4	39.8	55.1	47.3	44.8	37.7	50.6
5—9	3.8	2.8	5.0	4.1	3.4	4.4
10—14	1.4	1.6	1.3	1.4	1.2	1.3
15—19	2.0	1.7	1.6	2.2	1.8	2.2
20—24	2.3	2.2	2.6	2.9	2.2	2.9
25—29	2.4	2.4	1.7	2.4	0.7	3.3
30—34	3.6	2.5	3.4	3.8	3.6	4.0
35—39	3.6	2.7	6.1	3.4	7.2	6.1
40—44	6.0	6.0	3.0	6.3	6.2	7.0
45—49	9.9	11.5	18.6	8.4	9.2	14.3
50—54	13.5	20.3	29.4	11.9	18.0	14.7
55—59	24.4	16.8	31.3	20.3	26.8	25.1
60—64	44.6	34.5	50.7	34.7	33.8	41.8
65—69	76.1	49.1	59.4	38.0	64.6	70.9
70 & over	112.1	79.6	127.3	70.1	107.2	129.2
All ages	12.7	12.4	14.3	11.9	12.0	14.4
FEMALE						
0—4	46.8	60.3	57.9	53.1	47.8	61.3
5—9	6.1	5.9	4.8	6.5	5.0	4.5
10—14	2.0	2.6	2.1	2.2	1.1	3.2
15—19	3.2	2.4	5.1	2.5	3.9	3.5
20—24	6.4	4.2	4.4	3.7	3.6	4.8
25—29	6.0	4.4	4.1	3.6	3.5	2.7
30—34	6.2	5.4	6.1	7.2	3.8	3.8
35—39	5.0	3.0	1.5	4.6	4.9	6.3
40—44	6.3	4.8	7.8	4.5	4.0	4.9
45—49	6.8	7.9	8.3	9.7	8.9	11.1
50—54	19.4	12.5	18.1	12.8	10.2	10.6
55—59	19.2	15.8	27.9	14.5	18.2	29.5
60—64	44.4	45.9	52.1	35.1	24.3	34.8
65—69	40.6	35.8	58.7	34.5	44.4	52.4
70 & over	114.9	84.2	95.6	76.3	75.9	108.3
All ages	14.8	14.2	15.2	13.9	12.5	15.6
PERSON						
0—4	43.1	57.6	48.8	92.6	42.5	55.7
5—9	4.8	4.3	4.9	5.3	4.2	4.5
10—14	1.7	2.1	1.6	1.8	1.1	2.2
15—19	2.0	2.1	3.2	2.3	2.8	2.8
20—24	4.3	3.1	3.5	3.3	2.8	3.8
25—29	4.1	3.3	2.8	3.0	2.0	3.1
30—34	4.8	3.9	4.7	5.4	3.7	3.9
35—39	4.2	2.6	4.0	4.0	6.1	6.2
40—44	6.1	5.4	5.1	5.5	5.2	6.0
45—49	8.5	9.4	14.1	9.0	9.0	12.9
50—54	16.0	17.0	24.6	12.3	14.6	12.9
55—59	22.1	16.4	29.3	17.7	23.0	27.0
60—64	44.5	39.7	51.3	34.9	29.7	38.5
65—69	58.9	42.7	59.1	36.3	54.7	62.1
70 & over	113.3	81.6	113.2	73.0	92.3	118.4
All ages	13.7	13.1	14.8	12.6	12.0	14.8

TABLE 4—Contd.

COMBINED						
Age-groups	1970	1971	1972	1973	1974	1975
MALE						
0—4	67.2	72.9	84.4	68.0	68.1	79.9
5—9	5.5	4.6	6.5	4.9	4.6	6.3
10—14	1.4	1.8	1.6	1.9	1.9	2.2
15—19	2.9	1.8	2.2	2.4	1.9	2.2
20—24	2.3	2.8	2.7	2.4	2.4	2.6
25—29	3.1	2.4	2.3	2.6	2.6	3.4
30—34	3.7	3.2	3.6	4.7	3.8	3.6
35—39	3.8	4.8	5.2	3.7	5.2	7.5
40—44	7.4	7.1	6.9	7.8	6.7	7.6
45—49	13.9	10.9	15.4	10.7	10.1	13.3
50—54	16.9	21.6	25.3	15.4	17.8	16.5
55—59	25.4	21.8	29.6	20.8	28.0	26.0
60—64	19.6	35.7	50.8	41.3	38.9	37.4
65—69	64.2	55.7	65.4	43.2	57.8	65.3
70 & over	117.2	92.7	128.9	85.2	102.1	127.9
All ages	17.5	16.8	19.8	16.4	16.3	18.8
FEMALE						
0—4	89.5	95.7	108.4	88.8	88.0	98.5
5—9	7.1	6.3	7.3	7.3	6.4	7.5
10—14	2.6	2.9	3.0	2.5	1.7	3.1
15—19	4.0	3.2	5.1	3.1	3.6	4.6
20—24	5.8	5.1	6.9	6.0	5.0	6.2
25—29	6.1	5.2	5.3	5.3	5.3	5.0
30—34	5.7	5.0	6.6	7.1	3.7	5.8
35—39	5.7	4.9	5.3	4.6	5.5	6.0
40—44	6.7	4.7	9.4	6.3	5.1	6.5
45—49	7.5	8.4	8.4	9.3	11.3	9.9
50—54	16.3	13.5	18.6	13.7	11.7	15.1
55—59	21.1	15.4	26.7	17.2	20.7	28.9
60—64	38.4	37.7	51.3	30.3	32.3	38.4
65—69	41.8	40.5	61.6	46.1	52.0	51.8
70 & over	105.5	95.7	133.8	75.6	82.5	99.5
All ages	20.6	19.6	24.5	19.6	19.5	22.9
PERSON						
0—4	77.6	83.7	95.7	77.8	77.4	89.3
5—9	6.3	5.4	6.9	6.0	5.5	6.9
10—14	1.9	2.3	2.3	2.2	1.8	2.6
15—19	3.4	2.4	3.5	2.7	2.7	3.3
20—24	4.0	3.9	4.7	4.1	3.7	4.2
25—29	4.5	3.7	3.8	3.9	3.9	4.2
30—34	4.7	4.1	5.1	5.8	3.8	4.7
35—39	4.7	4.8	5.3	4.1	5.4	6.8
40—44	7.1	6.0	8.1	7.1	6.0	7.1
45—49	10.9	9.8	12.3	10.1	10.6	11.7
50—54	16.6	17.9	20.3	14.6	15.1	15.4
55—59	23.4	18.7	28.2	19.2	24.6	27.3
60—64	42.7	36.7	51.0	36.1	36.2	37.9
65—69	53.3	48.1	63.5	44.6	55.0	58.9
70 & over	111.7	94.1	131.2	80.6	92.5	113.8
All ages	19.0	18.1	22.0	17.7	17.7	20.4

TABLE 5

Per cent distribution of sample births by type of medical attention at birth, 1970-75

Year	Type of medical attention at birth			
	I	T	U	O
RURAL				
1970	0.5	1.2	95.0	0.3
1971	0.4	4.2	94.8	0.6
1972	0.6	6.0	92.5	0.9
1973	0.5	6.0	93.1	0.4
1974	0.3	5.2	93.5	1.0
1975	0.4	6.6	92.2	0.8
URBAN				
1970	9.7	30.6	59.0	0.7
1971	11.7	34.8	53.0	0.5
1972	11.1	35.7	52.8	0.4
1973	9.2	40.3	49.9	0.6
1974	10.9	39.6	49.3	0.2
1975	11.0	38.8	50.0	0.2
COMBINED				
1970	3.2	11.9	84.5	0.4
1971	3.8	13.3	82.4	0.5
1972	3.8	14.9	80.6	0.7
1973	3.2	16.5	79.8	0.5
1974	3.5	15.4	80.3	0.8
1975	3.6	16.3	79.5	0.6

I: Institutions like hospitals, maternity nursing homes, health centres, etc.

T: Delivery conducted in the home by doctor, trained dai, trained mid-wife, trained nurse, etc.

U: Delivery conducted in the home by untrained village dai or other untrained professional functionary.

O: Delivery conducted in the home by relation and others excluding the above.

TABLE 6

Per cent distribution of sample deaths by type of medical attention at death, 1970-75

Year	Type of medical attention at death			
	I	M	U	N
RURAL				
1970	0.8	33.9	32.9	32.4
1971	0.5	36.3	36.2	27.0
1972	0.7	39.9	32.7	26.7
1973	0.8	41.7	32.4	25.1
1974	0.8	44.9	30.1	24.2
1975	0.7	40.4	36.4	22.5
URBAN				
1970	6.1	60.7	16.8	16.4
1971	2.2	75.0	10.1	12.7
1972	2.6	75.6	10.1	11.7
1973	2.4	74.9	9.1	13.6
1974	3.0	81.8	6.8	8.4
1975	2.9	82.7	5.4	9.0
COMBINED				
1970	2.2	40.8	28.7	28.3
1971	1.0	46.3	29.4	23.3
1972	1.2	43.4	27.3	23.1
1973	1.2	50.4	26.3	22.1
1974	1.3	54.2	24.3	20.2
1975	1.3	51.6	28.2	18.9

I: If the death occurred in a hospital, dispensary, health centre, other medical institution, etc.

M: If the death occurred at home but was attended by a qualified practitioner.

U: If the death occurred at home and was attended by an unqualified practitioner.

N: No professional doctor/hakim/ vaidya attended.

APPENDIX

**SAMPLE REGISTRATION SCHEME
FORM NO. 3 - LIST OF BIRTH**

Village/Town

Fehsil/Taluk

District

Sample Code

Reference period (Months covered)	
From.....	To.....
Survey Period (Dates of field survey)	
From.....	To.....

Sl. No.	House No. and Household No.		Name of Head of household	Particulars of Mother		Particulars of children born			Matching Remarks	Re-verification	Remarks
	Existing	Census		Name	Status (URP, URA/V)	Sex M/F	Date of birth	Live birth / Still birth (LB/SB.)			
1	2	2A	3	4	5	6	7	8	9	10	11

Note:--The Status in Col. 5 refer to the status at the time of occurrence of the event and not to the status at the time of the H.Y.S.

Signature & Designation

**SAMPLE REGISTRATION SCHEME
FORM NO. 4 -LIST OF BIRTH**

Village/Town
 Tehsil/Taluk
 District
 Sample Code

Reference Period (Months Covered)	
From	To
Survey Period (Dates of Field Survey)	
From	To

Sl. No.	House No. & Household No.		Name of Head of household	Particulars of Deceased					Matching Remarks	Re-verification	Remarks
	Existing	Census		Name	Status URP UR.VV	Sex M/F	Date of Death	Age at Death			
1	2	2A	3	4	5	6	7	8	9	10	11

Note--The status in Col. 5 refers to the status at the time of occurrence of the event and not to the status at the time of the H.Y.S.

Signature & Designation

**SAMPLE REGISTRATION SCHEME
FORM NO. 10 MONTHLY REPORT**

To be despatched by Enumerator by 1st of every month

Report for the month of

District Tehsil/Taluk Village/Town Ward Sample Code

Sl. No.	Particulars of newly born child						House No. & Household No.		Name of the Head	Information about mother who delivered the child					Type of attention at delivery	First information source	Date of death	Age at death	
	Place of birth (in/out of unit)	Date of Birth	Date of enumeration	Type of Birth (Live Birth Still Birth (L/SB))	Type of Birth (Single Multiple (S/M))	Sex (M/F)	Existing	Census ()		Name of Mother	Mother's relation to Head	Status (URP/UR/V)	Present age in years	Religion					
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	

(Form No. 10 - Concl.)

B - Death

Sl. No.	Place at death (in/out of unit)	Date of Death	Date of enumeration	Name of deceased	Name of father/mother/husband of deceased	House No. & Household No.		Name of the Head	Relation of deceased to Head	Deceased's Status (URP/UR/V)	Sex (M/F)	Age at death			Marital Status (M/UM/W/D/S)	Religion	Medical attention before death	First information source	
						Existing	Census ()					Below 1 month (in days)	Below 12 months (in months)	One year and above (in comp- etc years)					
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	

C - Information System* Information

Name	Vocation	1st week		2nd week		3rd week		4th week	
		B	D	B	D	B	D	B	D

1. Any special efforts made to meet births and deaths.
2. Any difficulties experienced or problems e.g. payment of T.A. Bills, honorarium etc.

Applicable only in Rural Areas.

Name of Enumerator and Signature with date.

**SAMPLE REGISTRATION SCHEME
FORM NO. 11 : RESULTS OF HALF-YEARLY SURVEY**

State:

Reference period: From.....to.....
Survey period : From.....to.....

Sample Unit	LIVE BIRTHS												DEATHS											
	Recorded by En. & Listed by Sup.			Recorded by En. and missed by Sup.			Missed by En. & listed by Sup.			Correct events missed by En. and Sup. but discovered later on			Recorded by En. and listed by Sup.			Recorded by En. and missed by Sup.			Missed by En. and listed by Sup.			Correct events missed by En. and Sup. but discovered later on		
	URP	URA	V	URP	URA	V	URP	URA	V	URP	URA	V	URP	UR	V	URP	URA	V	URP	URA	V	URP	URA	V
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25

SAMPLE REGISTRATION SCHEME
FORM NO. 12 - POPULATION OF USUAL RESIDENT BY AGE AND SEX

AS ON _____ 19 _____ State _____

Unit Code Taluk District

Age-groups (Years)	Population		
	Males	Females	Total
1	2	3	4
Below 1			
1—4			
5—9			
10—14			
15—19			
20—24			
25—29			
30—34			
35—39			
40—44			
45—49			
50—54			
55—59			
60—64			
65—69			
70+			
Age not specified			
All ages			

SAMPLE REGISTRATION SCHEME
FORM NO. 14 - DAILY DIARY FOR ENUMERATORS (URBAN AREAS)

Month.....Name of the Enumerator.....

Year.....Name of Town/Block.....

A. Enumerator's House visits :

Date of visit	House No. and Household No. covered in the visit	No. of vital events recorded		Remarks (Difficulties like house locked etc.)
		Births	Deaths	
1	2	3	4	5

B. Date of despatch of

- (i) Form 10
- (ii) Forms 5 & 6 (At the end of 6 months only)

C. For Supervisors :

- (i) Date of visit
- (ii) Name of the Supervisor/Supervisory Officer etc.
- (iii) Designation
- (iv) Remarks

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Registrar General, India

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Joint Registrar General (VS)

V.S. SWAMY
Assistant Registrar General (VS)

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