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SRS BASED ABRIDGED LIFE TABLES 1976-80

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PREFACE

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 average life expectancy. It has been the practice in the country to construct life tables using age composition of the population from successive censuses. With the introduction of the Sample Registration System (SRS), an alternate source for the construction of life tables is available.

Based on SRS data life tables have already been prepared for the period 1970-75 (Census of India, Occasional Paper 1, 1984). This report contains abridged life tables for the period 1976-80 separately by rural and urban areas, by sex and by major states and the country. A brief note on the methodology used and a detailed analysis bringing out the inter-state differentials as well as rural, urban and sex-wise differentials are included.

I wish to place on record my appreciation of the efforts put in by the staff of the Analytical and Evaluation Unit of the Vital Statistics Division. In particular, I must thank Dr. M. Holla, Joint Registrar General, Shri V. S. Swamy, Deputy Registrar General and Shri T. K. Aikat, Senior Research Officer, who are associated with this report.

New Delhi,
Dated, January 2, 1986

V. S. VERMA
Registrar General, India

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CHAPTER 1

INTRODUCTION

A life table is a convenient tool for presenting and analysing the mortality data in relation to age so as to have a better comprehension of the mortality pattern by age and its probable impact on the growth and age structure of the population. A life table traces a cohort of persons from birth till death and provides measures of probability of dying before reaching certain exact age or probability of surviving to certain exact age, the number of persons expected to die or survive and above all, the average expectation of life at various ages. The age composition of the population from successive censuses provides a base for the construction of life tables. The sample registration system (SRS) provides an alternate source for the construction of the tables.

1.1 The Sample Registration System (SRS) of births and deaths has been in operation for more than a decade. Based on the mechanism of dual record system, the SRS aims at providing reliable estimates of fertility and mortality indicators at state and national level for rural and urban areas separately. The estimated infant mortality rates and age specific

death rates from SRS provide the necessary data base for undertaking construction of abridged life tables. An attempt was made earlier to construct set of abridged life tables on the basis of SRS age specific death rates for the period 1970-75 for India and major states separately by sex, rural and urban areas. These are presented in the report on SRS Based Abridged Life Tables, 1970-75. An attempt has now been made to construct similar abridged life tables for the period 1976-80 on the basis of SRS age specific death rates for the corresponding period. The method followed in constructing these life tables is briefly described in the succeeding paragraphs. This is followed by brief analytical notes highlighting the average expected life span from birth till death for India and different states, the inter-state variations, as well as, rural-urban and male-female differentials and changes in the average expected life spans as compared to the period 1970-75. Similarly, the average life expectancy at age 1 year has been compared for different states to bring out the inter-state variations. A set of charts is also included.

CHAPTER 2

METHODOLOGY

The life table parameters are usually denoted by n^q_x , n^d_x , l_x , n^L_x , T_x and e^o_x . The parameter n^q_x represents the probability of dying between exact ages x and $x+n$ years; n^d_x indicates number of persons expected to die between exact ages x and $x+n$ years, L_x stands for expected number of persons surviving to attain exact age x , n^L_x represents the expected number of person-years lived between ages x and $x+n$ years. T_x indicates the expected total number of person-years lived after attaining exact age x and finally e^o_x stands for the average expectation of life at exact age x . Given the n^q_x values and initial birth cohort l_0 , it would be possible to obtain the values of all the life table parameters at different ages. There are various methods for estimating n^q_x values from observed age specific death rates, n^m_x . Greville's method has been followed in the present case.

2.1 According to Greville's method

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

where c is a constant. The value of c is obtained on the basis of the assumption that n^m_x values follow an exponential curve. Empirically, the value of c is found to lie between 1.08 and 1.10. Therefore, the value of $\log_e c$ has been taken as 0.09.

2.2 After calculating the values of n^q_x , the values of n^d_x are obtained by multiplying n^q_x by l_x . To start with l_0 is taken as 100,000. The corresponding value of n^d_x is then subtracted from l_x to obtain l_{x+n} and the process is repeated.

2.3 The values of n^L_x have been obtained as follows.

$$l^L_0 = 0.276 l_0 + 0.724 l_1$$

$$n^L_x = r^d_x / n^m_x$$

and $\infty^L_{70} = \infty^d_{70} / \infty^m_{70}$

2.4 From the calculated values of n^L_x , T_x and e^o_x values are obtained as follows :

$$T_x = n^L_x + \dots + \infty^L_{70}$$

$$e^o_x = \frac{T_x}{l_x}$$

CHAPTER 3

RESULTS

Statement 1 shows the expectation of life at birth for India by sex and by rural-urban for 1976-80 alongwith the corresponding figures for 1970-75. It is observed that the expectation of life at birth for person during 1976-80 is 50.6 for rural areas, 60.1 for urban areas and 52.3 for rural and urban combined. For rural areas the female expectation of life at birth (50.3) is found to be lower than the male expectation of life at birth (51.0); while for urban areas, the male expectation of life at birth (59.6) is found to be lower than the female expectation of life at birth (60.8). The urban expectations of life at birth are higher than the corresponding rural figures in respect of both males and females. The extent of rural-urban difference is more in case of females than males. Between 1970-75 and 1976-80, the expectation of life at birth has improved, in respect of both rural & urban areas, as well as, both males and females. The margin of increase in the expectation of life at birth is more in case of rural areas.

STATEMENT 1

Expectation of life at birth by sex and by rural/urban, India,
1970-75 and 1976-80

Sector	Period	Male	Female	Person
Rural	1970-75	48.9	47.1	48.0
	1976-80	51.0	50.3	50.6
Urban	1970-75	58.8	59.2	58.9
	1976-80	59.6	60.8	60.1
Total	1970-75	50.5	49.0	49.7
	1976-80	52.5	52.1	52.3

(CHART 1)

3.1 Statement 2 shows expectation of life at age 1 year by sex and by rural/urban for India for 1976-80 alongwith the corresponding figures for 1970-75. The average expected life for a person after surviving through the first year of life is found to be 57.4 years for rural areas, 64.0 for urban areas and 58.6 years for rural and urban areas combined for the period 1976-80. The male expectation of life at age 1 year (57.6) is slightly higher than the female expectation (57.3) in respect of rural areas. In contrast, the female expectation of life at age 1 year (64.7) is found to be higher than the male expectation (63.4) in respect of urban areas. The urban expectations of life at age 1 year are higher than the corresponding rural figures. The margin of difference between the rural and urban figures is higher in case of females than in the case of males. Between 1970-75 and 1976-80 there has been improvement in the average expectation of life at age

1 year, in respect of both rural and urban areas, as well as, in respect of males and females. The margin of increase in the average expectation of life at age 1 year is more in case of rural areas than in the case of urban areas and also more in the case of females than in the case of males. A comparison of figures in statement 2 with those given in statement 1 indicates that the average expected life span improves considerably after surviving through the initial year of life. This is because the infant mortality rate is still very high but mortality thereafter comes down very sharply.

STATEMENT 2

Expectation of life at age 1 year by sex and by rural/urban, India,
1970-75 and 1976-80

Sector	Period	Male	Female	Person
Rural	1970-75	55.8	54.1	54.9
	1976-80	57.6	57.3	57.4
Urban	1970-75	63.1	63.5	63.3
	1976-80	63.4	64.7	64.0
Total	1970-75	57.0	55.6	56.2
	1976-80	58.6	58.6	58.6

(CHART 2)

3.2 The variation in the average expectation of life for person with age for India and for rural and urban areas separately is shown in statement 3. The figures given in the statement include the average expectation of life at birth at age 1 year, at age 5 years and thereafter at ages 10 years apart for both the periods 1970-75 and 1976-80. In the rural areas, it is observed that the average expectation of life increases from birth to age 1 year, and increases further to age 5 years before it starts declining slowly but later on steeply during the older ages. The highest average expectation of life in this case, for the period 1976-80, is 58.7 years. In the urban areas, the expectation of life increases from birth to age 1 year and thereafter it starts declining. In this case the highest value is 64.0. This type of rural-urban difference in the pattern of variation in the expectation of life in relation to age mainly arises due to mortality differential. The level of mortality during infancy is very high in rural areas than in the urban areas. The level of mortality comes down sharply thereafter in both the areas. However, in the rural areas, the level of mortality continues to decline further beyond age 1 year. Because of relatively higher level of mortality in rural areas than in urban areas, the expectation of life at all ages are lower in rural areas than in urban areas. However,

Chart-1

EXPECTATION OF LIFE AT BIRTH BY SEX AND BY RURAL/URBAN/COMBINED,
INDIA, 1970-75 AND 1976-80.

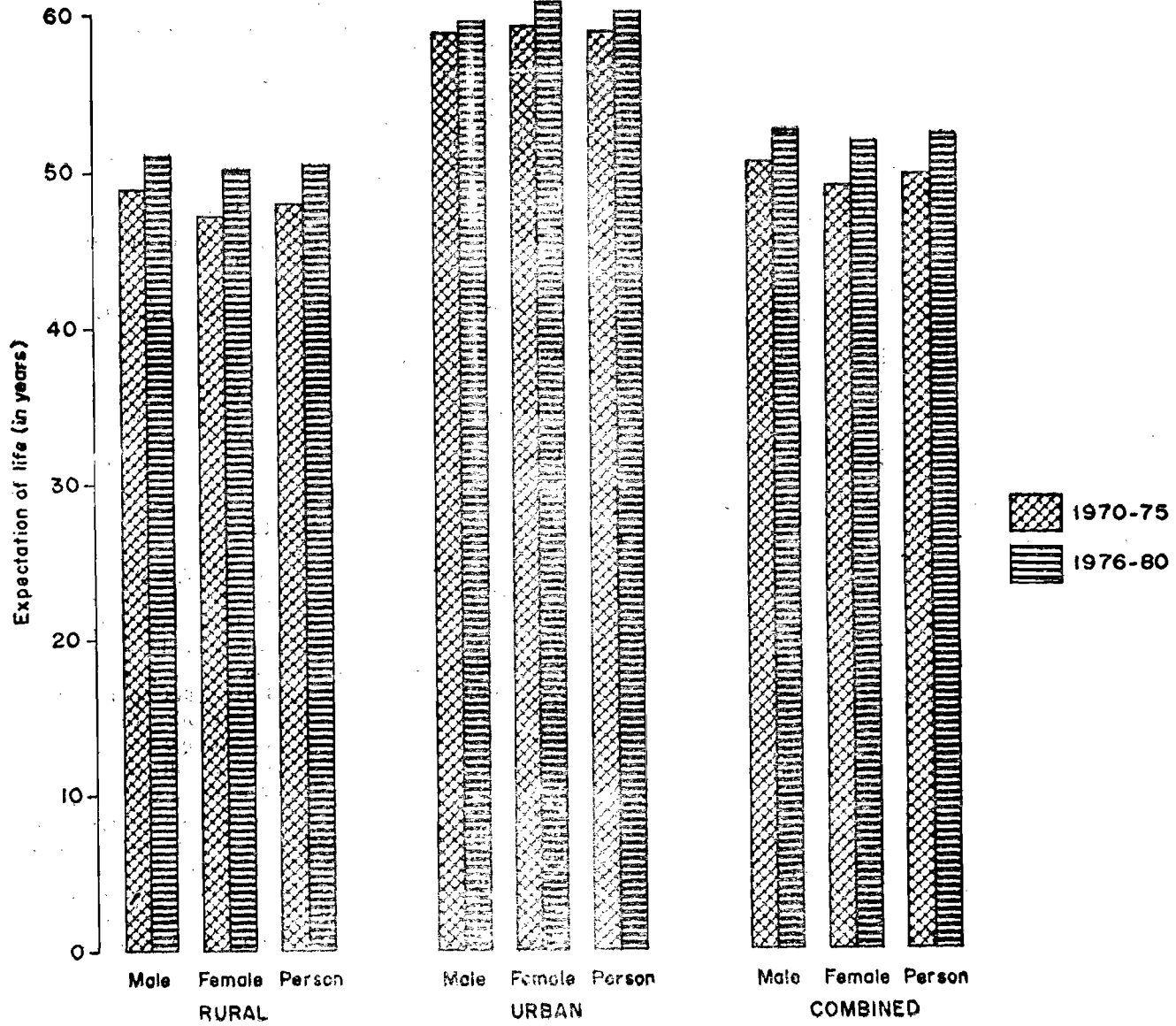
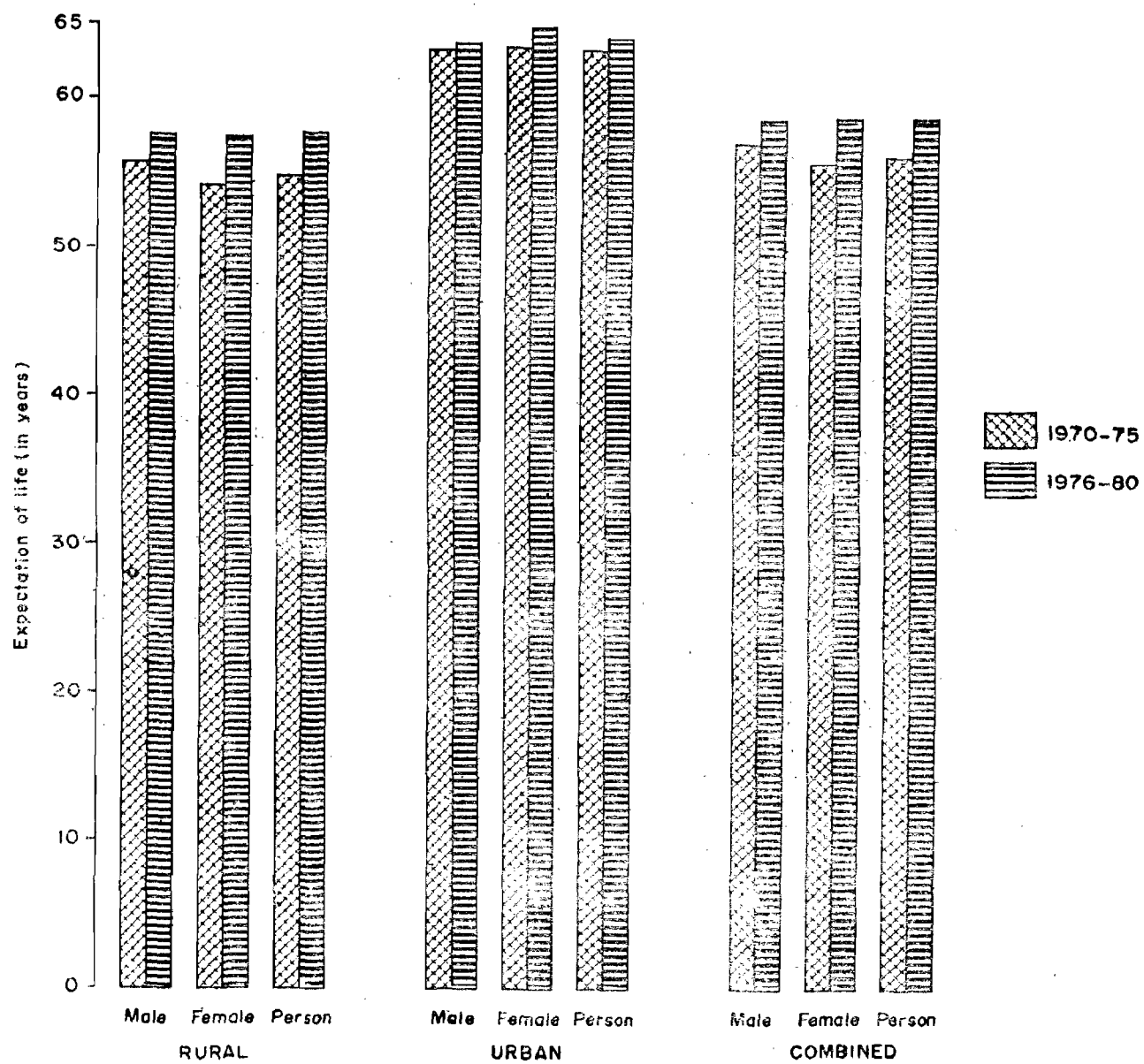


Chart-2

EXPECTATION OF LIFE AT AGE 1 YEAR BY SEX AND BY RURAL / URBAN / COMBINED,
INDIA, 1970-75 AND 1976-80.



as the difference in the mortality levels for rural and urban areas reduces with increase in age, the gap between the rural and urban expectations of life narrows down with increase in age. A comparison of the expectations of life for the periods 1970-75

and 1976-80 shows increase in the average expectations of life in respect of all ages for both rural as well as urban areas. The margin of increase is more in respect of rural areas than in respect of urban areas.

STATEMENT 3

Average expectation of life of a person at different ages by rural/urban, India, 1970-75 and 1976-80

Sector	Period	Age in year									
		0 (birth)	1	5	10	20	30	40	50	60	70
Rural	1970-75	48.0	54.9	56.7	53.2	44.5	36.2	28.0	20.2	13.5	8.6
	1976-80	50.6	57.4	58.7	55.0	46.2	37.8	29.3	21.4	14.7	10.1
Urban	1970-75	58.9	63.3	61.7	57.5	48.3	39.3	30.7	22.6	15.7	10.8
	1976-80	60.1	64.0	62.7	58.3	49.0	40.0	31.2	23.0	16.2	11.0
Total	1970-75	49.7	56.2	57.5	53.9	45.1	36.6	28.3	20.4	13.8	8.9
	1976-80	52.3	58.6	59.4	55.6	46.8	38.2	29.7	21.7	15.0	10.2

(CHART 3)

3.3 State-wise comparison of expectations of life at birth in rural areas is provided in statement 4. Figures for both the periods 1970-75 and 1976-80 have been shown in order to indicate changes in the expectation of life at birth in different states between the two periods. It is observed that Kerala has the highest expectations of life at birth for person in rural areas during 1970-75 as well as 1976-80. There is an increase of about 4 years during this period in the average expectation of life at birth from 61.7 years during 1970-75 to 65.5 years during 1976-80. The lowest expectation of life at birth is observed for Uttar Pradesh for both the periods. The figures are 42.0 and 45.2 respectively for 1970-75 and 1976-80 indicating an increase of 3.2 years in the average life span between the two periods. Excluding Kerala and Uttar Pradesh which have the highest and lowest average expected life spans respectively, most of the remaining states have values lying between 50 and 60 years. Madhya Pradesh and Orissa are the exceptions in this regard with average expected life of a person around 48 years during 1976-80. A comparison with the corresponding figures for India given in statement 1 shows that there are five states for which the expectations of life at birth for both the periods are lower than the corresponding figures for India. These states are Assam, Madhya Pradesh, Orissa, Rajasthan and Uttar Pradesh. Besides these five states, Andhra Pradesh, Gujarat and Tamil Nadu have also lower expectations of life at birth in rural areas for 1970-75 as compared to the national average. For all the states except Haryana, there has been improvement in the average expected life span of a person between 1970-75 and 1976-80. The exception observed in case of Haryana may be due to variations in the field work which would have resulted in a higher estimated death rate for the latter period as compared to the earlier period. Sex-wise comparison of the expectations of life at birth indicates higher figures for females in the states of Andhra Pradesh, Gujarat, Kerala, Maharashtra and Rajasthan during the period 1976-80. For the period 1970-75 also, these states except Rajasthan have higher female expectations of

life at birth. All the remaining states have lower female expectation of life at birth than the corresponding figures for males.

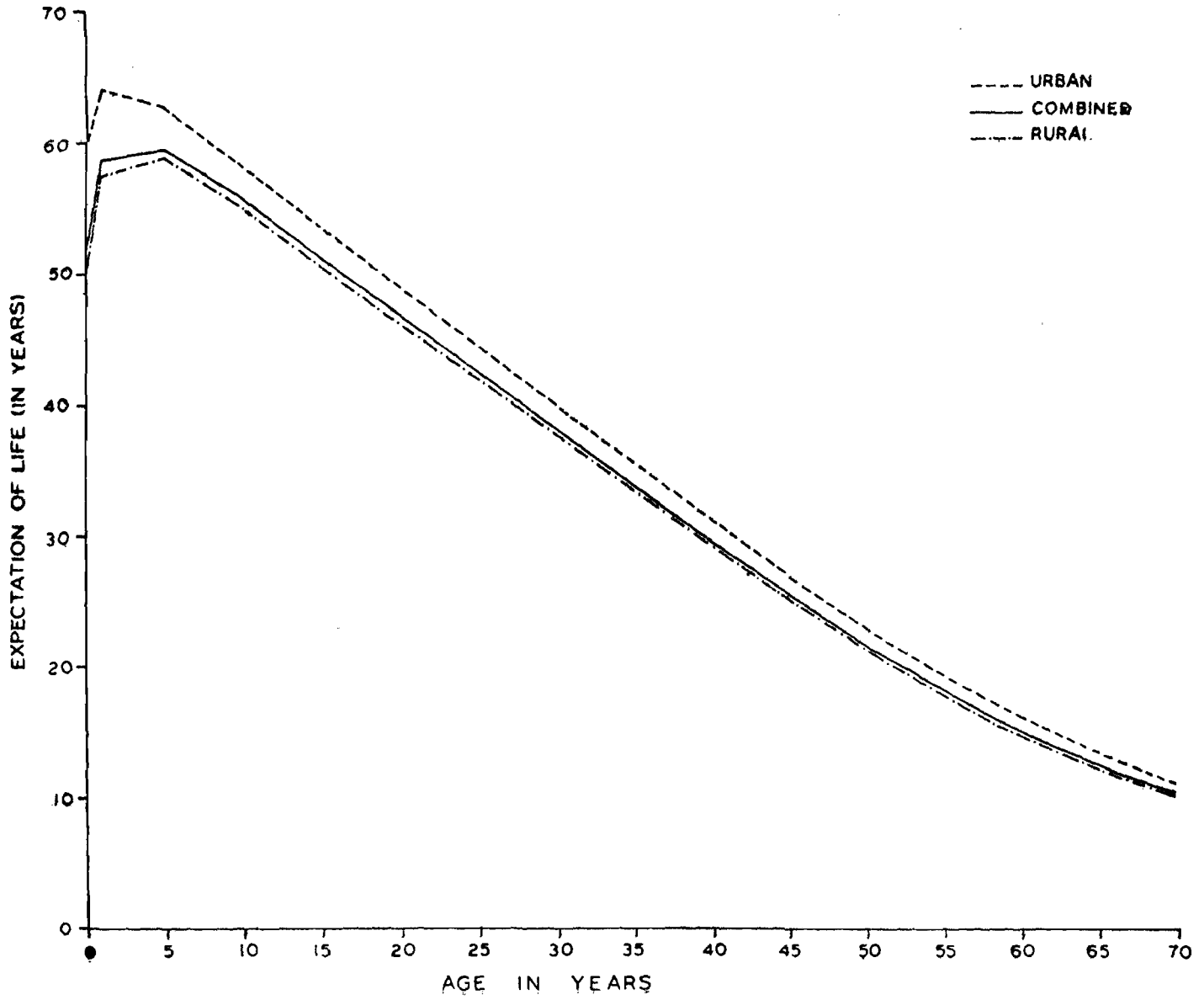
STATEMENT 4

Expectation of life at birth by sex for rural areas of major states 1970-75 and 1976-80

States	Period	Male	Female	Person
Andhra Pradesh	1970-75	47.0	47.6	47.3
	1976-80	50.7	52.6	51.7
Assam	1970-75	45.5	44.4	44.9
	1976-80	51.1	49.5	50.4
Gujarat	1970-75	47.4	47.4	47.4
	1976-80	50.2	51.8	51.0
Haryana	1970-75	58.4	54.7	56.4
	1976-80	56.0	50.8	53.6
Himachal Pradesh	1970-75	53.6	50.5	52.0
	1976-80	57.9	54.4	56.2
Jammu & Kashmir	1970-75	56.0	53.7	54.7
	1976-80	57.2	53.5	55.4
Karnataka	1970-75	52.9	52.4	52.6
	1976-80	54.0	53.9	53.9
Kerala	1970-75	60.7	62.9	61.7
	1976-80	63.8	67.6	65.5
Madhya Pradesh	1970-75	46.6	44.8	45.7
	1976-80	48.1	47.1	47.6
Maharashtra	1970-75	51.1	52.8	51.9
	1976-80	53.4	54.7	54.0
Orissa	1970-75	45.6	44.6	45.1
	1976-80	49.4	47.7	48.5
Punjab	1970-75	58.5	55.7	57.1
	1976-80	60.3	59.1	59.8
Rajasthan	1970-75	47.5	45.6	46.6
	1976-80	49.6	51.6	50.3
Tamil Nadu	1970-75	46.6	45.9	46.2
	1976-80	51.2	50.9	51.0
Uttar Pradesh	1970-75	44.6	39.2	42.0
	1976-80	47.6	42.6	45.2

Chart-3

VARIATION IN THE EXPECTATION OF LIFE FOR PERSON WITH INCREASE IN AGE BY RURAL/URBAN/COMBINED, INDIA, 1976-80



3.4 Statement 5 shows distribution of states according to average expectation of life at birth for person for the period 1970-75 and 1976-80. It is observed that the expectation of life at birth for Assam has moved up from the range 40-45 for 1970-75 to 50-55 for 1976-80. The average expected life span in respect of Uttar Pradesh has also moved up from 40-45 to 45-50. The average life spans for Andhra Pradesh, Gujarat, Rajasthan and Tamil Nadu have also moved up from 45-50 to 50-55. Similarly the expected life spans in respect of Himachal Pradesh and Jammu & Kashmir have moved up from 50-55 to 55-60. The states which do not show any movement from one range of values to another range of values are Madhya Pradesh and Orissa (45-50 for both the periods). Karnataka and Maharashtra (50-55 for both the periods) and Punjab (55-60 for both the periods). However, all these states had improvement in the expectation of life between the two periods.

STATEMENT 5

Distribution of states according to average expectation of life at birth in rural areas for the period 1970-75 and 1976-80

1970-75	1976-80				
	45-50	50-55	55-60	60-65	65-70
40-45	Uttar Pradesh	Assam	—	—	—
45-50	Madhya Pradesh and Orissa	Andhra Pradesh, Gujarat, Rajasthan and Tamil Nadu	—	—	—
50-55	—	Karnataka and Maharashtra	Himachal Pradesh and Jammu & Kashmir	—	—
55-60	—	Haryana	Punjab	—	—
60-65	—	—	—	—	Kerala

3.5 A comparison of State-wise average expectations of life at birth in urban areas is shown in statement 6. For indicating the changes in the average expectation of life at birth in different states between 1970-75 and 1976-80, the figures for both the periods have been shown in the statement. The average expectations of life at birth of a person during 1976-80 are relatively very high. These are in the range of 55 to 66. States like Haryana, Himachal Pradesh, Jammu & Kashmir, Karnataka, Kerala, Maharashtra and Punjab have very high values in the range of 62 to 66. On the other extreme, Uttar Pradesh is found to have the lowest value (55). Gujarat has also relatively lower value (57). Madhya Pradesh and Orissa have values around 58. As compared to the national average (60.1), the average expected life spans in five states, viz., Gujarat, Madhya Pradesh, Orissa, Tamil Nadu and

Uttar Pradesh are lower. Between 1970-75 and 1976-80, the expectation of life at birth has gone up. However, in respect of Haryana, Karnataka and Tamil Nadu the values for both the periods are the same. Sex-wise comparison indicates that the female expectation of life at birth is higher than the corresponding male expectation of life at birth during both the periods in respect of most of the states. However, in respect of Haryana, Himachal Pradesh and Rajasthan the female life expectancy is found to be lower than the male life expectancy during 1970-75, but the pattern is reversed for the period 1976-80. For Uttar Pradesh, the female life expectancy is lower than the male life expectancy during both the periods.

STATEMENT 6

Average expectation of life at birth by sex for urban areas of major states, 1970-75 and 1976-80

States	Period	Male	Female	Person
Andhra Pradesh	1970-75	55.3	59.1	57.2
	1976-80	59.1	62.6	60.6
Assam	1970-75	55.3	56.2	55.7
	1976-80	59.3	64.6	60.8
Gujarat	1970-75	54.7	55.2	55.0
	1976-80	56.3	57.8	57.1
Haryana	1970-75	62.8	62.2	62.4
	1976-80	61.7	63.2	62.4
Himachal Pradesh	1970-75	63.4	60.6	62.1
	1976-80	64.4	67.5	65.9
Jammu & Kashmir	1970-75	63.4	64.2	63.7
	1976-80	63.4	66.1	64.4
Karnataka	1970-75	62.7	66.1	64.2
	1976-80	62.9	64.9	64.0
Kerala	1970-75	61.0	66.3	63.5
	1976-80	63.4	68.0	65.7
Madhya Pradesh	1970-75	56.3	57.1	56.6
	1976-80	57.8	58.9	58.3
Maharashtra	1970-75	58.8	58.8	58.8
	1976-80	60.9	63.7	62.2
Orissa	1970-75	54.6	56.3	55.4
	1976-80	57.7	58.9	58.2
Punjab	1970-75	61.1	61.2	61.1
	1976-80	62.3	63.7	63.0
Rajasthan	1970-75	59.8	59.3	59.6
	1976-80	59.8	61.1	60.3
Tamil Nadu	1970-75	58.6	60.7	59.7
	1976-80	59.2	59.9	59.7
Uttar Pradesh	1970-75	52.6	50.4	51.5
	1976-80	55.7	54.3	54.9

3.6 Statement 7 shows distribution of states according to life expectancy at birth in urban areas for 1970-75 and 1976-80. This shows that only one state, viz., Uttar Pradesh has life expectancy in the size class 50-55 for both the periods. The life expectancy in Gujarat, Madhya Pradesh, Orissa and Tamil Nadu remained in the size class 55-60 during

both the periods. The life expectancy in Andhra Pradesh, Assam, Maharashtra and Rajasthan moved up from size class 55-60 during 1970-75 to the size class 60-65 during 1976-80. The life expectancy in Haryana, Jammu & Kashmir, Karnataka and Punjab remained in the size class 60-65 during both the periods, while life expectancy in Himachal Pradesh and Kerala moved up from the size class 60-65 to the size class 65-70.

STATEMENT 7

Distribution of states according to average expectation of life at birth in urban areas for 1970-75 and 1976-80

1970-75	1976-80			
	50-55	55-60	60-65	65-70
50-55	Uttar Pradesh	—	—	—
55-60	—	Gujarat, Madhya Pradesh, Orissa and Tamil Nadu	Andhra Pradesh, Assam, Maharashtra and Rajasthan.	—
60-65	—	—	Haryana, Jammu & Kashmir, Karnataka and Punjab.	Himachal Pradesh and Kerala.

3.7 Statement 8 provides a comparison of rural and urban expectations of life at birth of a person in different states for both the periods 1970-75 and 1976-80. The ratios of urban expectations of life at birth to the corresponding rural values have been worked out. Obviously, the ratios are greater than 1, as the urban expectations of life are higher than the corresponding rural values. The lowest ratio is observed for Kerala for both the periods. It is 1.03 for 1970-75 and 1.00 for 1976-80. Thus, there is virtually no difference between the rural and urban expectations of life at birth in respect of Kerala. For Punjab also, the ratios are very small for the two periods. For the remaining states, the ratios are in the range of 1.11 to 1.29 for the period 1970-75 and in the range of 1.12 to 1.22 for 1976-80. The states having higher ratios for 1970-75 as compared to corresponding figure for India (1.23) are Assam, Madhya Pradesh, Rajasthan and Tamil Nadu. For 1976-80 also, these states (except Tamil Nadu) have higher ratios than that for India (1.19). Besides Orissa and Uttar Pradesh have also higher ratios as compared to that of India for 1976-80. The gap between the rural and urban expectations of life at birth has reduced between the two periods as indicated by the decline in the ratios in respect of almost all the states.

STATEMENT 8

Ratios of urban expectations of life at birth to rural expectations of life at birth of a person, India and major states, 1970-75 and 1976-80

India/States	1970-75			1976-80		
	Rural	Urban	Urban-Rural Ratio	Rural	Urban	Urban-Rural Ratio
India	48.0	58.9	1.23	50.6	60.1	1.19
Andhra Pradesh	47.3	57.2	1.21	51.7	60.6	1.17
Assam	44.9	55.7	1.24	50.4	60.8	1.21
Gujarat	47.4	55.0	1.16	51.0	57.1	1.12
Haryana	56.4	62.4	1.11	53.6	62.4	1.16
Himachal Pradesh	52.0	62.1	1.19	56.2	65.9	1.17
Jammu & Kashmir	54.7	63.7	1.16	55.4	64.4	1.16
Karnataka	52.6	64.2	1.22	53.9	64.0	1.19
Kerala	61.7	63.5	1.03	65.5	65.7	1.00
Madhya Pradesh	45.7	56.6	1.24	47.6	58.3	1.22
Maharashtra	51.9	58.8	1.13	54.0	62.2	1.15
Orissa	45.1	55.4	1.23	48.5	58.2	1.20
Punjab	57.1	61.1	1.07	59.8	63.0	1.05
Rajasthan	46.6	59.6	1.28	50.3	60.3	1.20
Tamil Nadu	46.2	59.7	1.29	51.0	59.7	1.17
Uttar Pradesh	42.0	51.5	1.23	45.2	54.9	1.21

3.8 For rural and urban areas combined, the expectation of life at birth of a person is highest, 62.0 during 1970-75 and 65.5 during 1976-80 for Kerala. On the other extreme, Uttar Pradesh has the lowest expectation of life at birth of a person which is 43.0 during 1970-75 and 46.2 during 1976-80 (Statement 9). The expectation of life at birth

for person for India as given in Statement 1 is 49.7 during 1970-75 and 52.3 during 1976-80. As compared to these figures Assam, Madhya Pradesh, Orissa, Rajasthan and Uttar Pradesh are found to have lower figures for both the periods. Andhra Pradesh, Gujarat and Tamil Nadu are found to have lower figures for the period 1970-75 only. Between

1970-75 and 1976-80, there has been improvement in the expectation of life at birth. The exception in this regard is Haryana. This is due to variation in the field work resulting in higher estimated death rates for the latter period as compared to the earlier period. Sex-wise comparison shows higher figures for females as compared to males in respect of Andhra Pradesh, Gujarat, Kerala and Maharashtra. In respect of Tamil Nadu, the figures for males and females are almost the same. In respect of the remaining states, higher figures for males are observed in most cases for both the periods and in a few cases for the earlier period only.

STATEMENT 9

Expectation of life at birth by sex for all areas (rural and urban combined), major states, 1970-75 and 1976-80

States	Period	Male	Female	Person
1	2	3	4	5
Andhra Pradesh	1970-75	48.4	49.3	48.8
	1976-80	52.2	54.2	53.1
Assam	1970-75	46.2	44.8	45.5
	1976-80	51.6	50.4	51.1
Gujarat	1970-75	48.8	48.8	48.8
	1976-80	51.6	53.2	52.4
Haryana	1970-75	59.0	55.6	57.5
	1976-80	56.7	52.5	54.8
Himachal Pradesh	1970-75	54.8	50.9	52.6
	1976-80	58.1	54.9	56.6
Jammu & Kashmir	1970-75	56.9	55.2	56.1
	1976-80	58.1	55.2	56.8
Karnataka	1970-75	55.4	55.1	55.2
	1976-80	56.2	56.6	56.3
Kerala	1970-75	60.8	63.3	62.0
	1976-80	63.5	67.6	65.5
Madhya Pradesh	1970-75	47.6	46.3	47.2
	1976-80	49.4	48.7	49.0
Maharashtra	1970-75	53.3	54.5	53.8
	1976-80	55.6	57.1	56.3

STATEMENT 9—Concl'd.

1	2	3	4	5
Orissa	1970-75	46.0	45.3	45.7
	1976-80	50.0	48.4	49.1
Punjab	1970-75	59.0	56.8	57.9
	1976-80	60.9	60.2	60.5
Rajasthan	1970-75	49.2	47.5	48.4
	1976-80	51.0	53.0	51.9
Tamil Nadu	1970-75	49.6	49.5	49.6
	1976-80	53.5	53.4	53.4
Uttar Pradesh	1970-75	45.4	40.5	43.0
	1976-80	48.5	43.8	46.2

(CHART 4)

3.9 A two-way classification of states according to 1970-75 and 1976-80 expectations of life at birth of a person is attempted in statement 10. It is observed that 15 states fall into 8 classes. The groups of states falling in different classes are listed as follows:

1. Uttar Pradesh.
2. Madhya Pradesh and Orissa.
3. Andhra Pradesh, Assam, Gujarat, Rajasthan & Tamil Nadu.
4. Haryana.
5. Himachal Pradesh and Maharashtra.
6. Jammu & Kashmir and Karnataka.
7. Punjab.
8. Kerala.

Thus as earlier observed Uttar Pradesh and Kerala are on the two extremes with lowest and highest average expectations of life at birth of a person during both the periods. In between Punjab is found to be closer to Kerala. In the same way Madhya Pradesh and Orissa are closer to Uttar Pradesh on the other extreme. Statement 10 shows that during 1970-75 only 7 out of 15 states have average life expectancy higher than 50, as against 12 states during 1976-80.

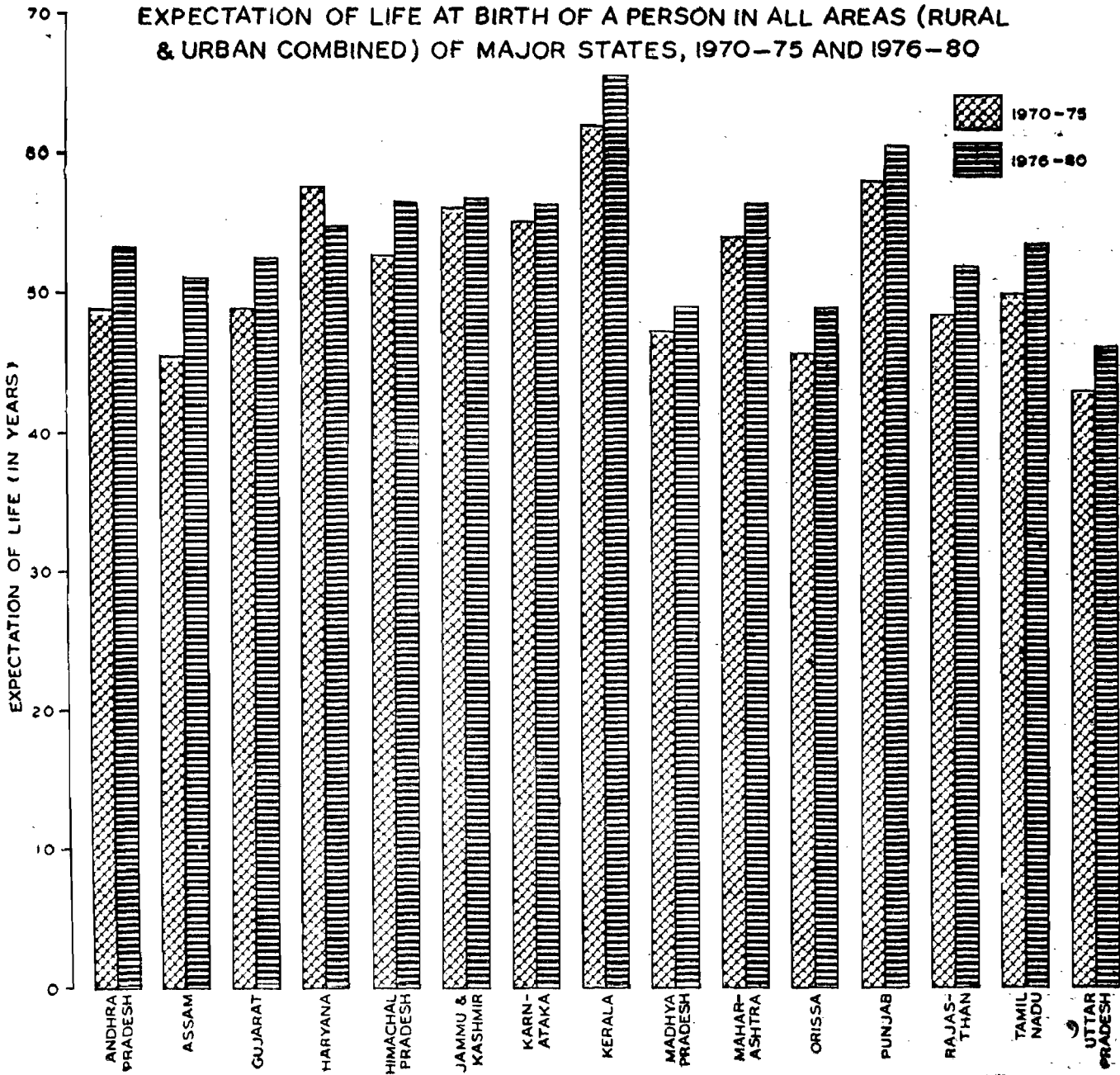
STATEMENT 10

Classification of states according to expectations of life at birth of a person for all areas (rural and urban combined) for 1970-75 and 1976-80

1970-75	1976-80					
	40-45	45-50	50-55	55-60	60-65	65-70
40-45	—	Uttar Pradesh,	—	—	—	—
45-50	—	Madhya Pradesh & Orissa.	Andhra Pradesh, Assam, Gujarat, Rajasthan & Tamil Nadu.	—	—	—
50-55	—	—	—	Himachal Pradesh & Maharashtra	—	—
55-60	—	—	Haryana	Jammu & Kashmir and Karnataka	Punjab	—
60-65	—	—	—	—	—	Kerala

Chart-4

EXPECTATION OF LIFE AT BIRTH OF A PERSON IN ALL AREAS (RURAL & URBAN COMBINED) OF MAJOR STATES, 1970-75 AND 1976-80



3.10 Since the mortality during infancy is very high, there is considerable improvement in the average expected life span once a person survives through the initial year of life. The extent of improvement in the average expected life span would be more in cases where the level of infant mortality is very high and there is a sharp fall in the mortality thereafter. Statement 11 shows average expectation of life at age 1 by sex for different states for the periods 1970-75 and 1976-80. The highest value is observed for Kerala which is 64.6 for 1970-75 and 67.8 for 1976-80. The lowest value is 50.6 for 1970-75 and 53.7 for 1976-80 for Uttar Pradesh. If these values are compared with the corresponding figures for expectation of life at birth given in statement 4, it is observed that the extent of increase in the life expectancy from birth to age 1 is much smaller in respect of Kerala than that in respect of Uttar Pradesh. For Kerala, the increase in the life expectancy from birth to age 1 is 2.9 years for 1970-75 (from 61.7 to 64.6) and 2.3 years for 1976-80 (from 65.5 to 67.8). In comparison, the increase in life expectancy from birth to age 1 year for Uttar Pradesh is 8.6 years for 1970-75 (from 42.0 to 50.6) and 8.5 years for 1976-80 (from 45.2 to 53.7). This is because, the level of mortality during infancy is much higher in Uttar Pradesh than that in Kerala and the fall in the mortality thereafter is much steeper in case of Uttar Pradesh than in case of Kerala. A comparison of figures given in statement 11 with those given in statement 4 show higher expectations of life at age 1 than at birth in respect of all states. The extent of increase in different states is roughly summarised as follows.

Extent of increase	States
2-3	Kerala
3-4	Jammu & Kashmir
4-5	Karnataka, Maharashtra
5-6	Andhra Pradesh, Assam, Haryana, Himachal Pradesh and Tamil Nadu
6-7	Orissa, Punjab, Rajasthan
7-8	Gujarat and Madhya Pradesh
8-9	Uttar Pradesh

3.11 The expectation of life at age 1 of a person in rural areas varies in the range of 50.6 to 64.6 during 1970-75 and in the range of 53.7 to 67.8 during 1976-80. Punjab has almost equally high values as Kerala. On the other extreme, Assam, Madhya Pradesh and Orissa have very low values. Also the figures for Rajasthan and Tamil Nadu are low. All these states, besides Uttar Pradesh have lower value as compared to the figures for India. Between 1970-75 and 1976-80, the average life expectancy at age 1 has gone up. The exception in this regard may be due to variation in the field work. Sex-wise comparison indicates higher life expectancy at age 1 for females in respect of Andhra Pradesh, Gujarat and Rajasthan for 1976-80 only and for Kerala and Maharashtra for both the periods. In rest of the cases male life expectancy at age 1 is higher than the female life expectancy.

STATEMENT 11

Expectation of life at age 1 year by sex for rural areas of major states, 1970-75 and 1976-80

States	Period	Male	Female	Person
Andhra Pradesh	1970-75	53.0	52.7	52.8
	1976-80	57.2	58.3	57.8
Assam	1970-75	52.5	50.0	51.2
	1976-80	56.8	54.8	55.9
Gujarat	1970-75	55.0	54.7	54.9
	1976-80	57.0	59.2	58.0
Haryana	1970-75	63.5	60.0	61.6
	1976-80	61.9	56.7	59.5
Himachal Pradesh	1970-75	59.8	55.9	57.8
	1976-80	62.7	60.5	61.6
Jammu & Kashmir	1970-75	59.6	56.7	58.1
	1976-80	61.3	56.4	58.9
Karnataka	1970-75	58.2	56.4	57.3
	1976-80	58.6	58.0	58.2
Kerala	1970-75	63.6	65.7	64.6
	1976-80	66.3	69.6	67.8
Madhya Pradesh	1970-75	53.8	52.0	52.9
	1976-80	55.6	54.5	55.0
Maharashtra	1970-75	56.8	57.7	57.2
	1976-80	58.2	59.6	58.8
Orissa	1970-75	52.1	51.2	51.6
	1976-80	56.3	55.1	55.6
Punjab	1970-75	64.4	62.4	63.5
	1976-80	66.3	65.7	66.0
Rajasthan	1970-75	54.2	52.9	53.5
	1976-80	56.4	59.0	57.3
Tamil Nadu	1970-75	52.7	51.2	51.9
	1976-80	57.1	56.1	56.6
Uttar Pradesh	1970-75	53.2	47.5	50.6
	1976-80	55.7	51.7	53.7

3.12 Statement 12 shows distribution of states according to average life expectancy at age 1 in rural areas for 1970-75 and 1976-80. The life expectancy during 1970-75 is found to be higher than 55 in 7 out of 15 states. In comparison, the life expectancy during 1976-80 is found to be higher than 55 in 13 states. There is clustering of states with Uttar Pradesh and Madhya Pradesh forming one cluster, Andhra Pradesh, Assam, Gujarat, Orissa, Rajasthan and Tamil Nadu forming another cluster; Jammu & Kashmir, Karnataka and Maharashtra forming yet another cluster, Kerala and Punjab are also found to be in one cluster.

STATEMENT 12

Distribution of states according to average expectation of life at age 1 of a person in rural areas for 1970-75 and 1976-80

		1976-80			
1970-75	50-55	55-60	60-65	65-70	
50-55	Uttar Pradesh, Madhya Pradesh	Andhra Pradesh, Assam, Gujarat, Orissa, Rajasthan and Tamil Nadu.	—	—	
55-60	—	Jammu & Kashmir, Karnataka and Maharashtra	Himachal Pradesh	—	
60-65	—	Haryana	—	Kerala and Punjab	

3.13 Statement 13 shows expectation of life at age 1 year in urban areas of different states. The expectation of life of a person ranges from 57.5 to 67.3 for 1970-75 and from 60.7 to 68.8 for 1976-80.

Haryana, Himachal Pradesh, Jammu & Kashmir, Karnataka, Kerala and Punjab have very high expectations of life (more than 65 years) for both the periods. Sex-wise comparison indicates higher female expectations of life in most of the cases. In respect of Uttar Pradesh, the male expectation of life is higher for both the periods.

3.14 A comparison with the data on average expectation of life at birth in urban areas given in statement 6 indicates improvement in average expected life of a person after surviving through the initial year of life. The increase in the average expectation of life from birth to age 1 is found to be lowest in respect of Kerala (around 1.5) and highest in respect of Uttar Pradesh (around 6.0). It may be mentioned that infant mortality rate is lowest in Kerala and highest in Uttar Pradesh. This may be the reason for a bigger margin of increase in the expectation of life from birth to age 1 in respect of Uttar Pradesh than in respect of Kerala.

STATEMENT 13

Expectation of life at age 1 year by sex for urban areas of major states, 1970-75 and 1976-80

States	Period	Male	Female	Person
1	2	3	4	5
Andhra Pradesh	1970-75	58.9	62.1	60.5
	1976-80	62.8	65.0	63.9
Assam	1970-75	60.4	60.0	60.2
	1976-80	64.0	68.7	65.1

STATEMENT 13—Concl'd.

1	2	3	4	5
Gujarat	1970-75	60.0	61.4	60.6
	1976-80	61.4	63.3	62.3
Haryana	1970-75	65.7	65.8	65.7
	1976-80	64.5	66.1	65.3
Himachal Pradesh	1970-75	66.4	63.9	65.3
	1976-80	67.8	70.0	68.8
Jammu & Kashmir	1970-75	65.1	65.7	65.7
	1976-80	64.8	67.9	66.0
Karnataka	1970-75	65.7	69.4	67.3
	1976-80	65.5	67.9	66.8
Kerala	1970-75	63.2	67.9	65.4
	1976-80	64.6	69.7	67.1
Madhya Pradesh	1970-75	61.0	62.3	61.5
	1976-80	62.1	63.2	62.7
Maharashtra	1970-75	62.8	63.0	62.8
	1976-80	63.6	67.0	65.2
Orissa	1970-75	58.8	60.5	59.6
	1976-80	61.8	62.6	62.2
Punjab	1970-75	64.9	65.0	65.0
	1976-80	66.0	68.0	67.0
Rajasthan	1970-75	63.7	63.7	63.7
	1976-80	62.6	64.6	63.6
Tamil Nadu	1970-75	63.1	64.0	63.5
	1976-80	62.8	63.2	63.2
Uttar Pradesh	1970-75	58.6	56.4	57.5
	1976-80	61.4	60.2	60.7

3.15 For rural and urban combined, the expectation of life of a person at age 1 year varies from 51.2 to 64.7 for 1970-75 and from 54.6 to 67.6 for 1976-80 (Statement 14). While Kerala has the highest expectations of life, Uttar Pradesh has the lowest expectations of life for both the periods. Punjab has almost equally high life expectancy at age 1 as in Kerala. On the other extreme, Assam, Madhya Pradesh have very low values closer to Uttar Pradesh. As compared to 1970-75, the life expectancy during 1976-80 is generally high. Among the two sexes, females have higher life expectancy in respect of Andhra Pradesh, Gujarat, Kerala, Maharashtra and Rajasthan (1976-80).

3.16 A comparison with the data on expectation of life at birth given in statement 9 indicates improvement in the average expected life span after surviving through the initial year of life. The margin of improvement is highest (around 8.5) in Uttar Pradesh and lowest (around 2.5) in respect of Kerala.

STATEMENT 14

Expectation of life at age 1 by sex for all areas (rural and urban combined) of major states, 1970-75 and 1976-80

States	Period	Male	Female	Person
Andhra Pradesh	1970-75	53.9	54.1	54.0
	1976-80	58.2	59.4	58.8
Assam	1970-75	53.1	50.2	51.6
	1976-80	57.3	55.6	56.6
Gujarat	1970-75	55.8	55.8	55.8
	1976-80	58.0	60.2	59.1
Haryana	1970-75	63.8	60.7	62.4
	1976-80	62.2	58.2	60.4
Himachal Pradesh	1970-75	60.0	56.2	58.1
	1976-80	62.9	60.8	61.9
Jammu & Kashmir	1970-75	60.3	58.2	59.3
	1976-80	62.0	58.0	60.0
Karnataka	1970-75	60.2	59.1	59.6
	1976-80	60.3	60.4	60.3
Kerala	1970-75	63.8	66.0	64.7
	1976-80	65.8	69.6	67.6
Madhya Pradesh	1970-75	54.4	53.3	54.1
	1976-80	56.5	55.8	56.2
Maharashtra	1970-75	58.5	59.2	58.8
	1976-80	59.8	61.5	60.6
Orissa	1970-75	52.4	51.7	52.0
	1976-80	56.7	55.6	56.0
Punjab	1970-75	64.5	62.9	63.7
	1976-80	66.5	66.3	66.3
Rajasthan	1970-75	55.6	54.5	55.0
	1976-80	57.4	59.8	58.4
Tamil Nadu	1970-75	55.4	54.4	54.9
	1976-80	58.8	58.1	58.5
Uttar Pradesh	1970-75	53.8	48.7	51.2
	1976-80	56.3	52.6	54.6

(CHART 5)

3.17 A two-way classification of states has been attempted on the basis of expectations of life of a person at age 1 year for 1970-75 and 1976-80. For 1970-75, 10 out of 15 states are found to have expectations of life at age 1 year higher than 55 years as against 14 states for 1976-80 (Statement 15). For Uttar Pradesh, the expectations of life during both the periods remain in the same size class 50-55 years. Similarly for Gujarat, Orissa and Rajasthan, the figures for both the periods remain in the size class 55-60 years. For Haryana, the figures for both the periods are found to be in the size class 60-65. For rest of the states, the values have moved up to the next higher size class. For Andhra Pradesh, Assam, Madhya Pradesh and Tamil Nadu, the values have moved up from size class 50-55 to 55-60. Similarly for Kerala and Punjab, the values have moved up

from size class 60-65 to 65-70. The statement shows 6 groups of states which can be listed as under indicating broadly the levels of expectations of life at age 1 during the two periods :

- (i) Uttar Pradesh.
- (ii) Andhra Pradesh, Assam, Madhya Pradesh and Tamil Nadu.
- (iii) Gujarat, Orissa and Rajasthan.
- (iv) Himachal Pradesh, Jammu & Kashmir, Karnataka and Maharashtra.
- (v) Haryana.
- (vi) Kerala and Punjab.

STATEMENT 15

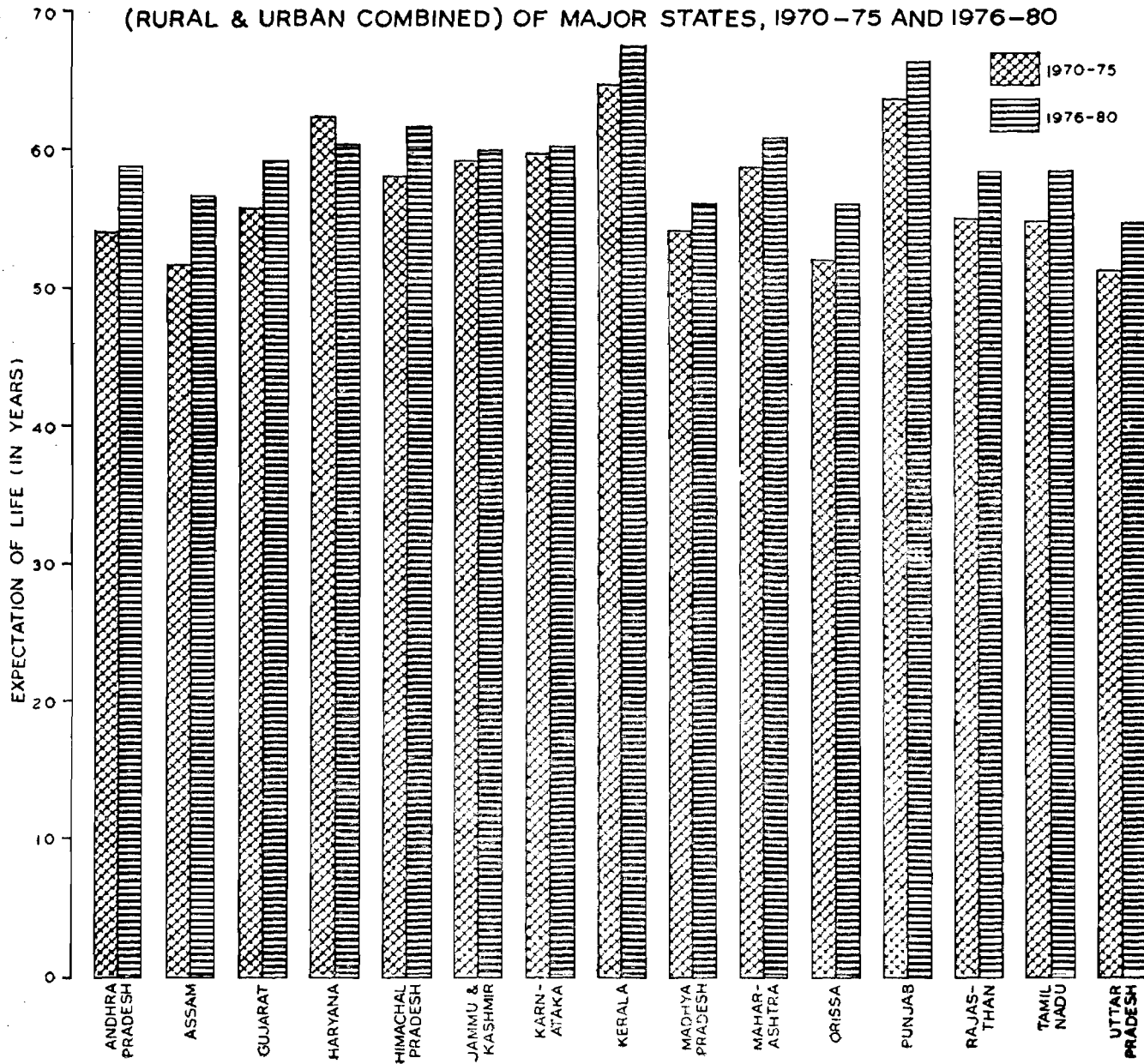
Classification of states according to expectations of life of a person (all areas—rural, and urban combined) for 1970-75 and 1976-80

1970-75	1976-80			
	50-55	55-60	60-65	65-70
50-55	Uttar Pradesh	Andhra Pradesh, Assam, Madhya Pradesh and Tamil Nadu	—	—
55-60	—	Gujarat, Orissa and Rajasthan	Himachal Pradesh, Jammu & Kashmir, Karnataka & Maharashtra	—
60-65	—	—	Haryana	Kerala & Punjab

3.18 The pattern of variation in the expectation of life of a person with increase in age in the rural areas of different states is shown in statement 16. Because of a very high mortality during infancy and a sharp decline in mortality thereafter, the expectation of life is found to be higher at age 1 than at birth. In most of these states, there is a further increase in the expectation of life as mortality continues to decline further before it starts increasing with increase in age. In these states, the expectations of life is found to be highest at age 5. There are a few exceptions in this regard. In states like Assam, Himachal Pradesh, Kerala and Punjab the expectation of life at age 1 year is found to be highest. Whether the expectation of life is highest at age 1 or at age 5, there is very little difference between the two values. After attaining the peak, the expectation of life declines gradually with increase in age and at the age of 70 years, the expectation of life is found to be around 10 years in most of the states. The range of variation in the expectation of life in different states narrows down with increase in age and at age 70, there is very little variation in the expectation of life for different states.

Chart-5

EXPECTATION OF LIFE AT AGE 1 YEAR OF A PERSON IN ALL AREAS
(RURAL & URBAN COMBINED) OF MAJOR STATES, 1970-75 AND 1976-80



STATEMENT 16

Expectation of life of a person at different ages in rural areas of major states, 1976—80

States	Age in years									
	0	1	5	10	20	30	40	50	60	70
Andhra Pradesh	51.7	57.8	58.2	54.4	45.6	37.2	28.8	20.9	14.1	9.5
Assam	50.4	55.9	55.1	51.2	42.4	34.0	25.9	18.8	12.9	9.1
Gujarat	51.0	58.0	59.8	55.9	47.1	38.8	30.5	22.5	16.0	11.0
Haryana	53.6	59.5	60.7	56.9	43.0	33.1	30.9	22.8	15.0	9.0
Himachal Pradesh	56.2	61.6	60.9	56.6	47.7	38.9	30.3	22.3	15.5	10.4
Jammu & Kashmir	55.4	58.9	59.9	55.9	45.6	37.9	28.5	21.1	14.9	10.5
Karnataka	53.9	58.2	58.9	55.3	45.5	33.9	23.5	21.5	14.8	10.0
Kerala	65.5	67.8	65.5	61.1	51.6	42.3	33.2	24.6	17.0	10.9
Madhya Pradesh	47.6	55.0	57.7	54.2	43.7	37.5	29.2	21.2	14.4	10.0
Maharashtra	54.0	58.8	59.2	55.3	45.5	38.0	29.4	21.2	14.1	8.8
Orissa	48.5	55.6	55.8	52.2	43.8	35.4	27.1	19.4	13.3	8.9
Punjab	59.8	65.0	65.9	61.6	52.4	43.6	35.0	25.4	18.1	11.2
Rajasthan	50.3	57.3	59.0	55.6	47.0	38.7	30.5	22.4	15.7	11.2
Tamil Nadu	51.0	56.6	57.8	54.0	45.3	36.9	28.5	20.6	14.0	9.6
Uttar Pradesh	45.2	53.7	58.2	54.8	46.1	37.8	29.5	21.7	15.3	11.1

3.19 In the urban areas, the expectation of life of a person is found to be highest at age 1 in most of the states (Statement 17). In respect of Uttar Pradesh, the expectations of life at ages 1 and 5 years are almost the same. After attaining the peak, the expectation of life declines with increase in age. The margin of decline between age 1 and age 5 is small. The margin of decline between ages 5 and 10 is relatively higher. However, with increase in age,

the margin of decline comes down from about 9 years between ages 10 and 20 to about 5 years between ages 60 and 70 years. The ranges of variation in the expectations of life at different ages for different states are relatively lower in urban areas than in the rural areas. Also the rural-urban difference in the expectation of life narrows down with increase in age.

STATEMENT 17

Expectation of life of a person at different ages in urban areas of different states, 1976—80

States	Age in years									
	0	1	5	10	20	30	40	50	60	70
Andhra Pradesh	60.6	63.9	62.0	57.6	48.4	39.4	30.6	22.4	15.6	11.1
Assam	60.8	65.1	63.6	59.3	49.8	40.7	31.9	24.0	17.0	12.5
Gujarat	57.1	62.3	61.7	57.5	48.3	39.5	30.8	22.6	16.4	11.9
Haryana	62.4	65.3	63.6	59.3	49.9	40.8	31.9	23.3	16.1	10.6
Himachal Pradesh	65.9	68.8	66.0	61.2	51.6	42.2	33.2	24.7	18.2	12.9
Jammu & Kashmir	64.4	66.0	64.0	59.6	50.0	40.5	31.4	22.9	16.2	11.4
Karnataka	64.0	66.8	64.9	60.6	51.3	42.2	33.5	25.2	18.4	13.2
Kerala	65.7	67.1	64.6	59.9	50.3	41.0	32.0	23.6	16.1	10.7
Madhya Pradesh	58.3	62.7	61.8	57.3	48.0	39.1	30.4	22.1	15.2	9.8
Maharashtra	62.2	65.2	63.7	59.2	49.8	40.7	31.9	23.9	17.2	11.9
Orissa	58.2	62.2	60.7	56.5	47.4	38.5	29.8	21.7	15.4	10.6
Punjab	63.0	67.0	65.0	60.6	51.2	42.0	32.9	24.0	16.8	10.1
Rajasthan	60.3	63.6	62.8	58.7	49.6	40.7	31.8	23.4	16.5	11.8
Tamil Nadu	59.7	63.2	61.8	57.4	48.2	39.2	30.3	22.2	15.3	10.1
Uttar Pradesh	54.9	60.7	60.9	57.0	48.1	39.4	30.8	22.8	16.0	11.3

3.20 For rural and urban combined, the expectations of life at different states are given in statement 18. The pattern of variation in the expectation of life with increase in age is almost the same as indicated in case of rural areas. The highest expectation of life is observed for age 5 for most of the states. The ranges of variations in the expectations of life at birth and various ages for different states are indicated as follows :

At birth	46.2 to 65.5
At age 1 year	54.6 to 67.6
At age 5 years	55.7 to 65.9
At age 10 years	51.8 to 61.6
At age 20 years	42.9 to 52.4
At age 30 years	34.5 to 43.5
At age 40 years	26.3 to 34.7
At age 50 years	19.1 to 26.0
At age 60 years	13.2 to 17.9
At age 70 years	9.0 to 11.3

STATEMENT 18

Expectation of life of a person at different ages in respect of rural and urban areas combined, major states, 1976-80

State	Age in years										
	0	1	5	10	20	30	40	50	60	70	
Andhra Pradesh	53.1	58.8	58.9	55.0	46.1	37.6	29.1	21.2	14.3	9.8	
Assam	51.1	56.6	55.7	51.8	42.9	34.4	26.3	19.1	13.2	9.4	
Gujarat	52.4	59.1	60.4	56.4	47.4	39.0	30.6	22.5	16.0	11.2	
Haryana	54.8	60.4	61.1	57.3	48.3	39.5	31.1	22.9	15.2	9.3	
Himachal Pradesh	56.6	61.9	61.1	56.8	47.8	39.0	30.4	22.4	15.6	10.5	
Jammu & Kashmir	56.8	60.0	59.9	55.7	46.4	37.6	29.0	21.4	15.1	10.7	
Karnataka	56.3	60.3	60.3	56.6	47.6	39.0	30.5	22.3	15.6	10.8	
Kerala	65.5	67.6	65.3	60.9	51.4	42.0	33.0	24.4	16.8	10.9	
Madhya Pradesh	49.0	56.2	58.4	54.8	46.1	37.9	29.5	21.4	14.6	10.0	
Maharashtra	56.3	60.6	60.5	56.5	47.4	38.7	30.0	21.8	14.8	9.6	
Orissa	49.1	56.0	56.1	52.5	44.0	35.6	27.3	19.5	13.5	9.0	
Punjab	60.5	66.3	65.9	61.6	52.4	43.5	34.7	26.0	17.9	11.1	
Rajasthan	51.9	58.4	59.7	56.3	47.6	39.1	30.7	22.5	15.9	11.3	
Tamil Nadu	53.4	58.5	59.0	55.1	46.2	37.5	29.0	21.0	14.4	9.8	
Uttar Pradesh	46.2	54.6	58.6	55.1	46.4	38.1	29.7	21.8	15.4	11.1	

DETAILED TABLES

Abridged Life Table—INDIA—Rural, Urban and Combined—1976-80

Age-Interval	Male				Female				Person			
	$n^a x$	l_x	nL_x	$e^0 x$	$n^a x$	l_x	nL_x	$e^0 x$	$n^a x$	l_x	nL_x	$e^0 x$
Rural												
0—1	0.13060	1,00,000	90,545	51.0	0.13820	1,00,000	89,994	50.3	0.13540	1,00,000	90,197	50.6
1—5	0.07439	86,940	3,35,450	57.6	0.09943	86,180	32,8,309	57.3	0.08655	86,460	3,31,551	57.4
5—10	0.02011	80,473	3,98,597	58.1	0.02520	77,611	3,83,490	59.4	0.02256	78,977	3,90,728	58.7
10—15	0.01025	78,854	3,92,357	54.2	0.01055	75,655	3,76,492	55.9	0.01035	77,195	3,84,120	55.0
15—20	0.01124	78,046	3,88,158	49.8	0.01578	74,857	3,71,461	51.5	0.01361	76,396	3,79,472	50.5
20—25	0.01450	77,169	3,83,201	45.3	0.02168	73,676	3,64,679	47.2	0.01795	75,356	3,73,660	46.2
25—30	0.01470	76,050	3,77,680	40.9	0.02364	72,079	3,56,473	43.2	0.01903	74,004	3,66,743	42.0
30—35	0.01982	74,932	3,71,287	36.5	0.02227	70,375	3,48,276	39.2	0.02119	72,596	3,59,416	37.8
35—40	0.02637	73,447	3,62,695	32.2	0.02510	68,807	3,39,974	35.0	0.02579	71,057	3,51,066	33.5
40—45	0.04004	71,510	3,50,889	28.0	0.03066	67,080	3,30,657	30.9	0.03531	69,225	3,40,435	29.3
45—50	0.05334	68,647	3,34,700	24.0	0.03859	65,024	3,19,245	26.8	0.04561	66,780	3,26,808	25.3
50—55	0.08340	64,985	3,12,198	20.2	0.06035	62,514	3,03,764	22.7	0.07413	62,734	3,07,594	21.4
55—60	0.12406	59,565	2,80,337	16.8	0.09176	58,742	2,81,029	19.0	0.10836	59,010	2,79,961	17.9
60—65	0.18912	52,176	2,37,198	13.8	0.15169	53,352	2,47,489	15.7	0.16989	52,616	2,41,721	14.7
65—70	0.24778	42,368	1,86,669	11.5	0.21117	45,259	2,03,260	13.0	0.22936	43,677	1,94,141	12.2
70+	1.00000	31,825	2,59,445	9.4	1.00000	35,701	3,86,128	10.8	1.00000	33,659	3,39,784	10.1
Urban												
0—1	0.07400	1,00,000	94,642	59.6	0.07500	1,00,000	94,570	60.8	0.07440	1,00,000	94,613	60.1
1—5	0.03644	92,600	3,64,007	63.4	0.04754	92,500	3,61,632	64.7	0.04203	92,560	3,62,901	64.0
5—10	0.00916	89,226	4,44,189	61.7	0.01134	88,103	4,38,194	63.8	0.01025	88,670	4,41,196	62.7
10—15	0.00519	88,408	4,41,192	57.2	0.00578	87,103	4,34,016	59.5	0.00549	87,761	4,38,007	58.3
15—20	0.00747	87,950	4,37,989	52.5	0.00976	86,600	4,31,233	54.9	0.00857	87,279	4,34,874	53.6
20—25	0.00936	87,293	4,34,605	47.9	0.01351	85,755	4,25,936	50.4	0.01144	86,531	4,30,399	49.0
25—30	0.01015	86,475	4,30,258	43.3	0.01282	84,596	4,20,358	46.0	0.01154	85,541	4,25,494	44.6
30—35	0.01460	85,598	4,25,077	38.7	0.01421	83,512	4,14,931	41.6	0.01440	84,554	4,19,855	40.0
35—40	0.01883	84,348	4,17,967	34.3	0.01687	82,325	4,08,477	37.2	0.01785	83,337	4,13,210	35.6
40—45	0.03202	82,760	4,07,687	29.9	0.02246	80,936	4,00,402	32.7	0.02754	81,849	4,03,964	31.2
45—50	0.04867	80,110	3,91,460	25.8	0.03240	79,118	3,89,580	28.4	0.04119	79,595	3,90,300	27.0
50—55	0.07460	76,211	3,67,744	22.0	0.05086	76,555	3,73,664	24.3	0.06393	76,316	3,70,175	23.0
55—60	0.10466	70,526	3,35,204	18.5	0.07998	72,661	3,49,666	20.4	0.09322	71,438	3,41,508	19.4
60—65	0.15905	63,144	2,91,781	15.4	0.12335	66,850	3,14,730	17.0	0.14176	64,778	3,02,070	16.2
65—70	0.21501	53,101	2,37,959	12.8	0.17258	58,604	2,68,843	14.0	0.19364	55,595	2,52,118	13.4
70+	1.00000	41,684	4,41,380	10.6	1.00000	48,490	5,52,909	11.4	1.00000	44,830	4,93,284	11.0
Combined												
0—1	0.12100	1,00,000	91,240	52.5	0.12720	1,00,000	90,791	52.1	0.12400	1,00,000	91,022	52.3
1—5	0.06774	87,900	3,40,248	58.6	0.08992	87,280	3,34,109	58.6	0.07858	87,600	3,37,266	58.6
5—10	0.01815	81,946	4,06,370	58.8	0.02266	79,432	3,92,997	60.2	0.02040	80,716	3,99,664	59.4
10—15	0.00946	80,458	4,00,598	54.8	0.00976	77,632	3,86,575	56.6	0.00946	79,070	3,93,684	55.6
15—20	0.01055	79,697	3,96,606	50.3	0.01460	76,874	3,81,756	52.1	0.01263	78,322	3,89,450	51.1
20—25	0.01322	78,856	3,91,910	45.8	0.01972	75,752	3,75,333	47.8	0.01647	77,333	3,83,635	46.8
25—30	0.01361	77,814	3,86,514	41.4	0.02129	74,258	3,67,663	43.7	0.01736	76,059	3,77,252	42.5
30—35	0.01844	76,755	3,80,473	36.9	0.02060	72,677	3,59,891	39.6	0.01962	74,739	3,70,295	38.2
35—40	0.02471	75,340	3,72,328	32.6	0.02354	71,180	3,52,011	35.4	0.02413	73,272	3,62,307	33.9
40—45	0.03830	73,478	3,60,795	28.3	0.02871	69,504	3,42,864	31.2	0.03366	71,504	3,51,875	29.7
45—50	0.05239	70,664	3,44,699	24.3	0.03744	67,509	3,31,697	27.0	0.04465	69,097	3,38,289	25.6
50—55	0.08165	66,962	3,21,991	20.5	0.05865	64,981	3,16,016	23.0	0.07087	66,012	3,19,118	21.7
55—60	0.12051	61,494	2,89,932	17.1	0.08975	61,170	2,92,958	19.3	0.10584	61,334	2,91,363	18.2
60—65	0.18317	54,084	2,46,675	14.1	0.14687	55,680	2,58,954	15.9	0.16474	54,842	2,52,648	15.0
65—70	0.24215	44,177	1,94,925	11.7	0.20472	47,503	2,14,106	13.2	0.22297	45,808	2,04,356	12.4
70+	1.00000	33,480	3,21,116	9.6	1.00000	37,778	4,12,241	10.9	1.00000	35,594	3,64,767	10.2

Abridged Life Table—ANDHRA PRADESH—Rural, Urban and Combined—1976-80

Age-Interval	Male				Female				Person			
	n^a_x	l_x	nL_x	e^o_x	n^a_x	l_x	nL_x	e^o_x	n^a_x	l_x	nL_x	e^o_x
Rural												
0—1	0.12920	1,00,000	90,646	50.7	0.11360	1,00,000	91,775	52.6	0.12140	1,00,000	91,211	51.7
1—5	0.06756	87,080	3,37,142	57.2	0.08051	88,640	3,40,965	58.3	0.07401	87,860	3,39,026	57.8
5—10	0.02099	81,197	4,01,963	57.2	0.02227	81,504	4,03,352	59.2	0.02168	81,357	4,02,701	58.2
10—15	0.01035	79,493	3,95,552	53.4	0.00926	79,689	3,96,729	55.5	0.00985	79,594	3,95,958	54.4
15—20	0.01154	78,670	3,91,314	48.9	0.01677	78,951	3,91,716	51.0	0.01421	78,810	3,91,568	50.0
20—25	0.01598	77,762	3,85,912	44.5	0.02050	77,627	3,84,383	46.8	0.01795	77,690	3,85,230	45.6
25—30	0.01637	76,519	3,79,582	40.1	0.02188	76,035	3,76,392	42.7	0.01913	76,295	3,78,116	41.4
30—35	0.02173	75,267	3,72,562	35.8	0.02349	74,372	3,67,787	38.6	0.02261	74,836	3,70,248	37.2
35—40	0.02881	73,631	3,63,239	31.5	0.02520	72,625	3,58,851	34.5	0.02676	73,144	3,61,130	33.0
40—45	0.04062	71,510	3,50,813	27.4	0.02939	70,794	3,49,102	30.3	0.03502	71,186	3,50,133	28.8
45—50	0.06044	68,605	3,33,319	23.4	0.04119	68,714	3,36,943	26.2	0.05086	68,693	3,35,292	24.8
50—55	0.08146	64,459	3,09,965	19.7	0.06223	65,883	3,19,807	22.2	0.07199	65,200	3,15,015	20.9
55—60	0.11971	59,208	2,79,266	16.2	0.08938	61,784	2,95,939	18.5	0.10494	60,506	2,87,568	17.4
60—65	0.19405	52,120	2,36,306	13.1	0.15495	56,261	2,60,541	15.0	0.17392	54,156	2,48,257	14.1
65—70	0.29181	42,006	1,79,944	10.6	0.21637	47,544	2,12,894	12.3	0.25192	44,738	1,96,278	11.5
70+	1.00000	29,748	2,66,371	9.0	1.00000	37,257	3,70,934	10.0	1.00000	33,467	3,18,493	9.5
Urban												
0—1	0.07380	1,00,000	94,657	59.1	0.05100	1,00,000	96,308	62.6	0.06600	1,00,000	95,222	60.6
1—5	0.02483	92,620	3,66,203	62.8	0.04133	94,900	3,72,127	65.0	0.03296	93,400	3,67,797	63.9
5—10	0.00777	90,320	4,49,864	60.4	0.01134	90,978	4,52,495	63.7	0.00946	90,322	4,49,706	62.0
10—15	0.00519	89,618	4,47,231	55.8	0.00618	89,946	4,48,280	59.4	0.00578	89,467	4,45,793	57.6
15—20	0.00956	89,153	4,43,909	51.1	0.01015	89,390	4,44,760	54.8	0.00976	88,950	4,42,935	52.9
20—25	0.00971	88,301	4,39,694	46.6	0.01124	88,483	4,40,065	50.3	0.01045	88,082	4,38,312	48.4
25—30	0.00985	87,444	4,35,010	42.0	0.01243	87,488	4,34,992	45.8	0.01193	87,161	4,33,265	43.8
30—35	0.01716	86,582	4,29,408	37.4	0.01376	86,401	4,29,197	41.4	0.01593	86,122	4,27,388	39.4
35—40	0.02505	85,097	4,20,447	33.0	0.01667	85,212	4,22,763	36.9	0.02124	84,750	4,19,600	34.9
40—45	0.03647	82,965	4,07,780	28.8	0.02021	83,792	4,15,056	32.5	0.02832	82,950	4,09,256	30.6
45—50	0.05124	79,939	3,90,103	24.7	0.02432	82,098	4,05,818	28.1	0.03840	80,600	3,95,787	26.5
50—55	0.06843	75,843	3,67,040	20.9	0.04733	80,101	3,91,653	23.7	0.05817	77,505	3,76,964	22.4
55—60	0.13041	70,653	3,31,434	17.3	0.08975	76,310	3,65,467	19.8	0.10962	72,997	3,46,104	18.6
60—65	0.21709	61,439	2,75,007	14.5	0.13994	69,461	3,24,231	16.5	0.17501	64,995	2,97,769	15.6
65—70	0.21995	48,101	2,14,951	12.8	0.19504	59,741	2,70,722	13.7	0.20504	53,620	2,41,633	13.4
70+	1.00000	37,522	3,99,165	10.6	1.00000	48,089	5,49,213	11.4	1.00000	42,626	4,74,359	11.1
Combined												
0—1	0.12000	1,00,000	91,312	52.2	0.10340	1,00,000	92,514	54.2	0.11240	1,00,000	91,862	53.1
1—5	0.06000	88,000	3,41,969	58.2	0.07379	89,660	3,46,026	59.4	0.06688	88,760	3,43,733	58.8
5—10	0.01844	82,720	4,10,042	57.8	0.02040	83,044	4,11,189	60.0	0.01942	82,824	4,10,316	58.9
10—15	0.00956	81,195	4,04,282	53.9	0.00876	81,350	4,04,901	56.2	0.00905	81,215	4,04,292	55.0
15—20	0.01114	80,418	3,99,938	49.4	0.01539	80,637	4,00,325	51.7	0.01332	80,479	3,99,995	50.5
20—25	0.01490	79,523	3,94,962	44.9	0.01815	79,396	3,93,727	47.4	0.01157	79,407	3,93,947	46.1
25—30	0.01499	78,338	3,88,835	40.5	0.02031	77,955	3,86,164	43.3	0.01756	78,092	3,87,370	41.9
30—35	0.01996	77,163	3,82,179	36.1	0.02158	76,372	3,78,005	39.1	0.02080	76,720	3,79,949	37.6
35—40	0.02647	75,623	3,73,460	31.8	0.02295	74,724	3,69,593	34.9	0.02462	75,125	3,71,399	33.3
40—45	0.04023	73,621	3,61,194	27.6	0.02774	73,009	3,60,368	30.7	0.03385	73,275	3,60,624	29.1
45—50	0.05884	70,660	3,43,605	23.6	0.03840	70,984	3,48,564	26.5	0.04895	70,794	3,45,915	25.0
50—55	0.07970	66,502	3,20,061	19.9	0.05997	68,258	3,31,720	22.4	0.06984	67,328	3,25,636	21.2
55—60	0.12122	61,202	2,88,448	16.4	0.08929	64,164	3,07,363	18.7	0.10557	62,626	2,97,513	17.6
60—65	0.19708	53,783	2,43,444	13.3	0.15221	58,435	2,71,005	15.2	0.17400	55,014	2,56,757	14.3
65—70	0.28208	43,183	1,86,086	11.0	0.21285	49,541	2,22,276	12.5	0.24478	46,268	2,03,842	11.8
70+	1.00000	31,002	2,86,633	9.2	1.00000	38,996	3,97,351	10.2	1.00000	34,942	3,40,835	9.8

Abridged Life Table—ASSAM—Rural, Urban and Combined—1976-80

Age-Interval	Male				Female				Person			
	n^q_x	l_x	nL_x	e^q_x	n^q_x	l_x	nL_x	e^q_x	n^q_x	l_x	nL_x	e^q_x
Rural												
0-1	0.11640	1,00,000	91,573	51.1	0.11320	1,00,000	91,804	49.5	0.11460	1,00,000	91,703	50.4
1-5	0.04964	88,360	3,45,098	56.8	0.06166	88,680	3,44,333	54.8	0.05546	88,540	3,44,833	55.9
5-10	0.02099	83,974	4,15,710	55.6	0.02148	83,212	4,11,842	54.3	0.02129	83,630	4,14,064	55.1
10-15	0.00827	82,211	4,09,570	51.8	0.01193	81,425	4,04,748	50.4	0.01005	81,849	4,07,220	51.2
15-20	0.01005	81,531	4,05,638	47.2	0.01854	80,453	3,98,824	46.0	0.01411	81,027	4,02,565	46.7
20-25	0.01687	80,712	4,00,474	42.6	0.02148	78,962	3,90,805	41.8	0.01933	79,883	3,95,934	42.4
25-30	0.02055	79,350	3,92,927	38.3	0.03046	77,266	3,80,826	37.7	0.02344	78,339	3,87,398	38.1
30-35	0.02505	77,720	3,84,000	34.1	0.03565	74,912	3,68,360	33.8	0.02895	76,503	3,77,301	34.0
35-40	0.03046	75,773	3,73,469	29.9	0.04158	72,241	3,54,221	29.9	0.03570	74,288	3,65,301	29.0
40-45	0.04848	73,465	3,59,029	25.6	0.05000	69,238	3,38,074	26.1	0.04905	71,636	3,49,975	25.9
45-50	0.08100	69,903	3,36,233	21.9	0.07105	65,776	3,17,916	22.4	0.07683	68,122	3,28,346	22.1
50-55	0.10032	64,241	3,06,014	18.6	0.10998	61,102	2,89,657	18.9	0.10448	62,888	2,98,935	18.8
55-60	0.16084	57,796	2,66,819	15.4	0.13260	54,382	2,54,809	15.9	0.14868	56,318	2,61,667	15.6
60-65	0.21956	48,500	2,16,790	12.8	0.22842	47,171	2,09,791	12.9	0.22,297	47,944	2,13,889	12.9
65-70	0.31950	37,852	1,59,378	10.7	0.23609	36,396	1,61,156	10.9	0.28193	37,254	1,60,549	10.9
70+	1.00000	25,758	2,47,246	9.6	1.00000	27,804	2,36,989	8.5	1.00000	26,751	2,44,437	9.1
Urban												
0-1	0.08860	1,00,000	93,585	59.3	0.07340	1,00,000	94,686	64.6	0.08100	1,00,000	94,136	60.8
1-5	0.03860	91,140	3,57,884	64.0	0.03690	92,660	3,64,127	68.7	0.03768	91,900	3,61,084	65.1
5-10	0.00777	87,622	4,36,425	62.5	0.01430	89,241	4,43,106	67.3	0.01094	88,437	4,39,774	63.6
10-15	0.00559	86,941	4,33,930	58.0	0.00349	87,965	4,38,567	63.2	0.00459	87,470	4,36,398	59.3
15-20	0.00479	86,455	4,31,375	53.3	0.00658	87,658	4,36,960	58.4	0.00568	87,068	4,33,814	54.5
20-25	0.00668	86,041	4,28,921	48.5	0.01243	87,081	4,32,966	53.8	0.00946	86,574	4,31,046	49.8
25-30	0.00876	85,466	4,25,389	43.8	0.01322	85,999	4,27,406	49.4	0.01094	85,755	4,26,435	45.3
30-35	0.00956	84,718	4,21,823	39.2	0.01495	84,862	4,21,489	45.1	0.01381	84,817	4,21,337	40.7
35-40	0.01815	83,908	4,16,100	34.5	0.01687	83,593	4,14,768	40.7	0.01756	83,645	4,14,918	36.3
40-45	0.03444	82,385	4,05,333	30.1	0.02803	82,183	4,05,560	36.4	0.03172	82,176	4,04,757	31.9
45-50	0.05277	79,547	3,87,959	26.1	0.02891	79,849	3,94,079	32.3	0.04331	79,570	3,89,838	27.8
50-55	0.07441	75,350	3,63,604	22.4	0.04494	77,570	3,79,737	28.2	0.06280	76,124	3,69,441	24.0
55-60	0.10755	69,743	3,31,017	19.0	0.07255	74,084	3,57,842	24.4	0.08432	71,343	3,42,577	20.4
60-65	0.18797	62,242	2,83,147	16.0	0.12680	68,709	3,22,917	21.1	0.16007	65,327	3,01,701	17.0
65-70	0.22944	50,542	2,24,651	14.0	0.13462	59,997	2,80,833	18.8	0.18425	54,870	2,50,121	14.8
70+	1.00000	38,946	4,85,369	12.5	1.00000	51,920	8,47,812	16.3	1.00000	44,761	5,60,909	12.5
Combined												
0-1	0.11500	1,00,000	91,674	51.6	0.11120	1,00,000	91,949	50.4	0.11240	1,00,000	91,862	51.1
1-5	0.04888	88,500	3,45,794	57.3	0.05996	88,880	3,45,382	55.6	0.05425	88,760	3,45,922	56.6
5-10	0.02011	84,174	4,16,931	56.1	0.02099	83,551	4,13,616	55.0	0.02050	83,945	4,15,669	55.7
10-15	0.00807	82,481	4,10,879	52.2	0.01144	81,797	4,06,851	51.2	0.00976	82,224	4,09,441	51.8
15-20	0.00956	81,816	4,07,374	47.6	0.01756	80,861	4,01,108	46.7	0.01342	81,421	4,04,694	47.3
20-25	0.01598	81,034	4,02,148	43.1	0.02080	79,441	3,93,424	42.5	0.01844	80,329	3,98,189	42.9
25-30	0.01957	79,739	3,95,060	38.7	0.02881	77,789	3,83,750	38.3	0.02207	78,847	3,90,171	38.6
30-35	0.02390	78,178	3,86,045	34.4	0.03376	75,548	3,71,792	34.4	0.02745	77,107	3,80,683	34.4
35-40	0.02920	76,310	3,76,393	30.2	0.03946	72,997	3,58,268	30.5	0.03405	74,991	3,68,993	30.4
40-45	0.04714	74,081	3,62,262	26.0	0.04838	70,117	3,42,652	26.6	0.04762	72,437	3,54,154	26.3
45-50	0.07840	70,589	3,39,939	22.2	0.06778	66,725	3,23,043	22.9	0.07394	68,988	3,32,961	22.5
50-55	0.09823	65,055	3,10,212	18.9	0.10521	62,202	2,95,586	19.3	0.10123	63,887	3,04,199	19.1
55-60	0.15640	58,665	2,71,455	15.6	0.12680	55,658	2,61,579	16.3	0.14393	57,420	2,67,456	16.0
60-65	0.21709	49,490	2,21,519	13.0	0.21948	48,600	2,17,247	13.3	0.21781	49,155	2,19,936	13.2
65-70	0.31310	38,746	1,63,804	11.0	0.22708	37,934	1,68,835	11.3	0.27402	38,449	1,66,494	11.1
70+	1.00000	26,615	2,60,467	9.8	1.00000	29,320	2,59,649	8.9	1.00000	27,913	2,61,946	9.4

Abridged Life Table—GUJARAT—Rural, Urban and Combined—1976-80

Age-Interval	Male				Female				Person			
	n^q_x	l_x	nL_x	e^0_x	n^q_x	l_x	nL_x	e^0_x	n^q_x	l_x	nL_x	e^0_x
Rural												
0—1	0.13400	1,00,000	90,298	50.2	0.14000	1,00,000	89,864	51.8	0.13700	1,00,000	90,081	51.0
1—5	0.08637	86,600	3,32,133	57.0	0.10211	86,000	3,27,178	59.2	0.09405	86,300	3,29,672	58.0
5—10	0.01736	79,120	3,92,437	58.2	0.01982	77,219	3,82,618	61.7	0.01864	78,183	3,87,590	59.8
10—15	0.01005	77,747	3,86,810	54.2	0.01025	75,688	3,76,603	57.9	0.01015	76,726	3,81,750	55.9
15—20	0.01075	76,965	3,83,046	49.7	0.01430	74,912	3,71,960	53.4	0.01243	75,947	3,77,610	51.5
20—25	0.01371	76,138	3,78,208	45.2	0.02315	73,841	3,65,261	49.2	0.01834	75,003	3,71,773	47.1
25—30	0.01746	75,094	3,72,485	40.8	0.02374	72,132	3,56,751	45.3	0.02040	73,628	3,64,565	42.9
30—35	0.02237	73,783	3,65,161	36.4	0.02520	70,419	3,47,954	41.3	0.02383	72,126	3,56,589	38.8
35—40	0.02891	72,133	3,55,862	32.2	0.02520	68,645	3,39,185	37.3	0.02706	70,407	3,47,667	34.6
40—45	0.04532	70,047	3,42,823	28.1	0.02584	66,915	3,30,608	33.2	0.03618	68,502	3,36,739	30.5
45—50	0.04819	66,873	3,26,835	24.3	0.02647	65,186	3,21,915	29.0	0.03744	65,023	3,24,399	26.6
50—55	0.09029	63,650	3,04,717	20.4	0.05571	63,460	3,09,036	24.7	0.07292	63,551	3,05,899	22.5
55—60	0.12636	57,903	2,72,196	17.2	0.08100	59,925	2,88,237	21.0	0.10349	58,917	2,80,209	19.0
60—65	0.17635	50,586	2,31,592	14.3	0.12362	55,071	2,59,249	17.6	0.14885	52,820	2,45,389	16.0
65—70	0.24192	41,666	1,83,874	11.8	0.17191	48,263	2,21,487	14.8	0.20285	44,958	2,02,840	13.3
70+	1.00000	31,586	3,06,303	9.7	1.00000	39,966	4,90,744	12.3	1.00000	35,838	3,94,084	11.0
Urban												
0—1	0.09780	1,00,000	92,919	56.3	0.10100	1,00,000	92,688	57.8	0.09840	1,00,000	92,876	57.1
1—5	0.04540	90,220	3,53,102	61.4	0.05977	89,900	3,49,371	63.3	0.05246	90,160	3,51,658	62.3
5—10	0.01351	86,124	4,27,770	60.2	0.01430	84,527	4,19,698	63.2	0.01391	85,430	4,24,405	61.7
10—15	0.00539	84,960	4,24,016	56.0	0.00777	83,318	4,14,987	59.1	0.00648	84,242	4,19,913	57.5
15—20	0.00708	84,503	4,21,323	51.3	0.01213	82,671	4,10,981	54.5	0.00926	83,696	4,16,680	52.8
20—25	0.01243	83,904	4,17,172	46.6	0.01322	81,668	4,05,883	50.2	0.01282	82,921	4,12,034	48.3
25—30	0.01253	82,861	4,12,005	42.2	0.01578	80,588	3,99,900	45.8	0.01391	81,858	4,05,658	43.9
30—35	0.01608	81,823	4,06,085	37.7	0.01721	79,316	3,93,382	41.5	0.01667	80,719	4,00,473	39.5
35—40	0.02109	80,507	3,98,568	33.2	0.01874	77,951	3,86,458	37.2	0.01991	79,374	3,93,117	35.1
40—45	0.04052	78,809	3,86,605	28.9	0.02006	76,491	3,78,865	32.8	0.03269	77,793	3,82,992	30.8
45—50	0.05846	75,616	3,67,764	25.0	0.02148	74,956	3,70,981	28.4	0.03628	75,250	3,69,930	26.7
50—55	0.09696	71,196	3,39,721	21.4	0.04743	73,346	3,58,640	24.0	0.07320	72,520	3,50,164	22.6
55—60	0.13584	64,292	3,00,740	18.4	0.09277	69,867	3,34,103	20.1	0.11508	67,212	3,17,778	19.2
60—65	0.18731	55,559	2,52,837	15.9	0.11365	63,386	2,99,908	16.8	0.15040	59,477	2,76,091	16.4
65—70	0.22099	45,152	2,01,661	14.0	0.21525	56,182	2,51,731	13.7	0.21836	50,532	2,26,016	13.8
70+	1.00000	35,174	4,29,056	12.2	1.00000	44,089	5,16,262	11.7	1.00000	39,498	4,71,556	11.9
Combined												
0—1	0.12600	1,00,000	90,878	51.6	0.13140	1,00,000	90,487	53.2	0.12840	1,00,000	90,704	52.4
1—5	0.07688	87,400	3,36,808	58.0	0.09299	86,860	3,31,982	60.2	0.08471	87,160	3,34,541	59.1
5—10	0.01657	80,681	4,00,263	58.7	0.01854	78,783	3,90,544	62.2	0.01756	79,777	3,95,728	60.4
10—15	0.00896	79,344	3,94,956	54.6	0.00976	77,322	3,85,033	58.3	0.00936	78,376	3,90,211	56.4
15—20	0.00985	78,633	3,91,179	50.1	0.01371	76,568	3,80,341	53.8	0.01174	77,642	3,86,237	51.9
20—25	0.01342	77,858	3,86,985	45.5	0.02031	75,518	3,74,090	49.6	0.01677	76,731	3,80,702	47.4
25—30	0.01588	76,813	3,81,187	41.1	0.02139	73,984	3,66,324	45.5	0.01854	75,444	3,73,992	43.2
30—35	0.02070	75,594	3,74,352	36.8	0.02217	72,402	3,58,291	41.5	0.02129	74,045	3,66,610	39.0
35—40	0.02686	74,029	3,65,518	32.5	0.02334	70,796	3,50,082	37.3	0.02520	72,469	3,58,081	34.8
40—45	0.04408	72,040	3,52,838	28.3	0.02339	69,144	3,41,919	33.2	0.03531	70,643	3,47,408	30.6
45—50	0.05048	68,865	3,36,199	24.5	0.02344	67,527	3,33,930	28.9	0.03618	68,148	3,35,000	26.6
50—55	0.09203	65,389	3,12,771	20.6	0.05410	65,944	3,21,402	24.5	0.07301	65,683	3,17,162	22.5
55—60	0.12891	59,371	2,78,715	17.4	0.08386	62,376	2,99,592	20.8	0.10538	60,887	2,89,159	19.1
60—65	0.17968	51,717	2,36,332	14.6	0.12220	57,145	2,59,205	17.4	0.14071	54,410	2,52,658	16.0
65—70	0.23109	42,425	1,83,393	12.3	0.13342	53,152	2,23,761	14.5	0.20555	45,254	2,08,300	13.4
70+	1.00000	32,621	3,32,662	10.2	1.00000	40,962	4,98,679	12.2	1.00000	36,703	4,11,748	11.2

Abridged Life Table—HARYANA—Rural, Urban and Combined—1976-80

Age-Interval	Male				Female				Person			
	n^q_x	l_x	nL_x	e^o_x	n^q_x	l_x	nL_x	e^o_x	n^q_x	l_x	nL_x	e^o_x
Rural												
0—1 . . .	0·11000	1,00,000	92,036	56·0	0·12060	1,00,000	91,269	50·8	0·11540	1,00,000	91,645	53·6
1—5 . . .	0·05474	89,000	3,46,752	61·9	0·11110	87,940	3,32,997	56·7	0·08287	88,460	3,39,855	59·5
5—10 . . .	0·01637	84,128	4,17,327	61·4	0·02413	7,8170	3,86,524	59·5	0·02011	81,129	4,01,850	60·7
10—15 . . .	0·00807	82,751	4,12,222	57·4	0·01193	76,284	3,79,193	56·0	0·00976	79,498	3,95,867	66·9
15—20 . . .	0·00812	82,083	4,08,905	52·8	0·01815	75,374	3,73,779	51·6	0·01174	78,722	3,91,698	52·4
20—25 . . .	0·00817	81,417	4,05,594	48·2	0·02070	74,006	3,66,487	47·5	0·01411	77,798	3,86,523	48·0
25—30 . . .	0·01015	80,751	4,01,778	43·6	0·02139	72,474	3,58,845	43·4	0·01549	76,703	3,80,796	43·5
30—35 . . .	0·01824	79,932	3,96,184	39·0	0·02295	70,923	3,50,796	39·3	0·01982	75,512	3,74,161	39·1
35—40 . . .	0·02949	78,474	3,86,989	34·7	0·02462	69,296	3,42,582	35·2	0·02696	74,015	3,65,467	35·0
40—45 . . .	0·03763	76,160	3,74,137	30·7	0·03027	67,590	3,33,215	31·0	0·03177	72,020	3,54,739	30·9
45—50 . . .	0·03801	73,294	3,59,935	26·8	0·03715	65,544	3,22,083	26·9	0·03744	69,732	3,42,619	26·8
50—55 . . .	0·04465	70,508	3,45,195	22·7	0·05429	63,109	3,07,556	22·8	0·04905	67,121	3,27,917	22·8
55—60 . . .	0·06590	67,360	3,26,398	18·7	0·06628	59,683	2,89,164	19·0	0·06581	63,829	3,09,320	18·8
60—65 . . .	0·13785	62,921	2,94,021	14·8	0·11454	55,727	2,63,541	15·2	0·12750	59,628	2,80,125	15·0
65—70 . . .	0·21541	54,247	2,43,040	11·8	0·17384	49,344	2,26,211	11·8	0·19634	52,026	2,35,579	11·8
70+ . . .	1·00000	42,562	3,94,236	9·3	1·00000	40,766	3,54,610	8·7	1·00000	41,811	3,77,014	9·0
Urban												
0—1 . . .	0·05840	1,00,000	95,772	61·7	0·05860	1,00,000	95,757	63·2	0·05850	1,00,000	95,765	62·4
1—5 . . .	0·02744	94,160	3,71,763	64·5	0·04452	94,140	3,68,612	66·1	0·03551	94,150	3,70,240	65·3
5—10 . . .	0·00797	91,576	4,56,164	62·3	0·01312	89,949	4,47,019	65·1	0·00995	90,807	4,51,763	63·6
10—15 . . .	0·00568	90,846	4,52,638	57·8	0·00549	88,769	4,43,037	60·9	0·00559	89,903	4,48,713	59·3
15—20 . . .	0·00663	90,330	4,50,294	53·1	0·00847	88,281	4,39,849	56·2	0·00718	89,401	4,45,762	54·6
20—25 . . .	0·00777	89,731	4,46,932	48·4	0·01045	87,534	4,35,584	51·7	0·00916	88,759	4,41,864	49·9
25—30 . . .	0·00921	89,034	4,43,246	43·8	0·01174	86,619	4,30,893	47·2	0·01045	87,946	4,37,635	45·4
30—35 . . .	0·01094	88,214	4,38,666	39·2	0·01312	85,602	4,25,416	42·8	0·01193	87,027	4,32,595	40·8
35—40 . . .	0·01844	87,249	4,32,493	34·6	0·01608	84,479	4,19,266	38·3	0·01736	85,988	4,26,503	36·3
40—45 . . .	0·02647	85,640	4,22,929	30·2	0·01839	83,121	4,12,018	33·9	0·02001	84,496	4,18,505	31·9
45—50 . . .	0·04340	83,373	4,08,398	25·9	0·02099	81,592	4,03,919	29·4	0·03231	82,805	4,07,840	27·5
50—55 . . .	0·05855	79,755	3,87,845	22·0	0·04110	79,879	3,91,771	25·0	0·05010	80,130	3,91,276	23·3
55—60 . . .	0·11123	75,085	3,55,696	18·2	0·06881	76,596	3,70,646	21·0	0·09267	76,115	3,63,962	19·4
60—65 . . .	0·14661	66,734	3,10,400	15·1	0·10132	71,326	3,39,601	17·3	0·12671	69,061	3,24,584	16·1
65—70 . . .	0·23132	56,950	2,52,853	12·3	0·15785	64,099	2,96,369	14·0	0·19610	60,311	2,73,139	13·1
70+ . . .	1·00000	43,776	4,47,061	10·2	1·00000	53,981	6,00,322	11·1	1·00000	48,484	5,15,127	10·6
Combined												
0—1 . . .	0·10340	1,00,000	92,514	56·7	0·11220	1,00,000	91,877	52·5	0·10740	1,00,000	92,224	54·8
1—5 . . .	0·05219	89,660	3,49,728	62·2	0·10164	88,780	3,37,836	58·2	0·07599	89,260	3,44,133	60·4
5—10 . . .	0·01519	84,981	4,21,848	61·6	0·02256	79,756	3,94,584	60·5	0·01874	82,477	4,03,895	61·1
10—15 . . .	0·00767	83,690	4,16,819	57·5	0·01085	77,957	3,87,997	56·8	0·00926	80,932	4,02,917	57·3
15—20 . . .	0·00782	83,048	4,13,653	52·9	0·01637	77,111	3,82,519	52·4	0·01099	80,182	3,93,734	52·8
20—25 . . .	0·00797	82,398	4,10,447	48·3	0·01903	75,849	3,75,887	48·2	0·01302	79,301	3,94,083	48·3
25—30 . . .	0·00936	81,742	4,06,970	43·6	0·01913	74,406	3,68,751	44·1	0·01401	78,268	3,88,844	43·9
30—35 . . .	0·01746	80,977	4,01,663	39·0	0·02021	72,982	3,61,512	39·9	0·01854	77,172	3,82,558	39·5
35—40 . . .	0·02745	79,563	3,92,805	34·7	0·02295	71,507	3,53,683	35·7	0·02530	75,741	3,74,267	35·2
40—45 . . .	0·03560	77,379	3,80,481	30·6	0·02803	69,866	3,44,779	31·5	0·03041	73,825	3,63,860	31·1
45—50 . . .	0·03879	74,624	3,66,414	26·6	0·03415	67,908	3,34,157	27·3	0·03647	71,583	3,51,822	27·0
50—55 . . .	0·04714	71,729	3,50,760	22·6	0·05191	65,589	3,19,992	23·2	0·04915	68,963	3,36,952	22·9
55—60 . . .	0·07413	68,348	3,29,860	18·6	0·06665	62,184	3,01,294	19·3	0·07077	65,579	3,17,012	18·9
60—65 . . .	0·13950	63,281	2,95,441	14·8	0·11231	58,039	2,74,805	15·5	0·12724	60,938	2,85,329	15·2
65—70 . . .	0·21789	54,454	2,43,633	11·8	0·17039	51,521	2,36,622	12·1	0·19518	53,185	2,40,853	12·0
70+ . . .	1·00000	42,589	4,00,045	9·3	1·00000	42,742	3,83,143	9·1	1·00000	42,751	3,95,841	93·0

Abridged Life Table—HIMACHAL PRADESH—Rural, Urban and Combined—1976-80

Age-Interval	Male				Female				Person			
	n^q_x	l_x	nL_x	e^0_x	n^q_x	l_x	nL_x	e^0_x	n^q_x	l_x	nL_x	e^0_x
Rural												
0—1	0.09160	1,00,000	93,368	57.9	0.11520	1,00,000	91,660	54.4	0.10220	1,00,000	92,601	56.2
1—5	0.04647	90,840	3,55,331	62.7	0.05849	88,480	3,44,095	60.5	0.05197	89,780	3,50,290	61.6
5—10	0.01480	86,619	4,30,187	61.6	0.01094	83,305	4,14,252	60.1	0.01292	85,114	4,22,952	60.9
10—15	0.00409	85,337	4,25,643	57.5	0.01430	82,393	4,09,106	55.7	0.00896	84,014	4,18,205	56.6
15—20	0.00564	84,988	4,24,186	52.7	0.01554	81,215	4,03,222	51.5	0.01094	83,262	4,14,038	52.1
20—25	0.00777	84,508	4,20,917	48.0	0.01687	79,953	3,96,709	47.3	0.01272	82,351	4,09,181	47.7
25—30	0.01243	83,852	4,16,911	43.4	0.01726	78,604	3,89,859	43.0	0.01549	81,303	4,03,650	43.2
30—35	0.01982	82,809	4,10,321	38.9	0.01765	77,248	3,82,983	38.7	0.01883	80,044	3,95,639	38.9
35—40	0.02466	81,168	4,01,124	34.6	0.02070	75,884	3,75,790	34.4	0.02232	78,537	3,83,765	34.6
40—45	0.03066	79,167	3,90,233	30.4	0.02422	74,313	3,67,320	30.0	0.02764	76,744	3,78,789	30.3
45—50	0.05675	76,739	3,75,427	26.3	0.04081	72,514	3,55,682	25.7	0.04857	74,523	3,64,633	26.1
50—55	0.05902	72,384	3,51,905	22.7	0.08266	69,554	3,34,265	21.7	0.06965	70,939	3,43,437	22.3
55—60	0.10041	68,112	3,24,438	19.0	0.09103	63,805	3,05,371	18.4	0.09778	66,054	3,15,060	18.8
60—65	0.13120	61,273	2,87,313	15.8	0.16321	57,997	2,67,391	15.0	0.14454	59,595	2,77,508	15.5
65—70	0.20682	53,234	2,39,658	12.8	0.22463	48,531	2,16,300	12.4	0.20900	50,981	2,29,240	12.7
70+	1.00000	42,224	4,39,286	10.4	1.00000	37,630	3,86,976	10.3	1.00000	40,326	4,18,320	10.4
Urban												
0—1	0.06320	1,00,000	95,424	64.4	0.04960	1,00,000	96,409	67.5	0.05700	1,00,000	95,373	65.9
1—5	0.01954	93,680	3,71,300	67.8	0.01462	95,040	3,77,577	70.0	0.01710	94,300	3,74,137	68.8
5—10	0.00320	91,849	4,59,247	65.1	0.00419	93,651	4,67,138	67.0	0.00339	92,687	4,62,074	66.0
10—15	0.00150	91,556	4,57,778	60.3	0.00349	93,258	4,64,958	62.3	0.00250	92,373	4,61,866	61.2
15—20	0.00439	91,418	4,56,052	55.4	0.00389	92,933	4,63,472	57.5	0.00409	92,142	4,59,588	56.4
20—25	0.00489	91,017	4,54,156	50.6	0.00817	92,571	4,61,162	52.7	0.00638	91,765	4,57,393	51.6
25—30	0.00648	90,572	4,51,466	45.8	0.00916	91,815	4,57,078	48.1	0.00767	91,180	4,54,124	46.9
30—35	0.01104	89,985	4,47,493	41.1	0.00985	90,974	4,52,572	43.6	0.01055	90,481	4,50,269	42.2
35—40	0.01628	88,992	4,41,702	36.5	0.01322	90,078	4,47,679	39.0	0.01529	89,526	4,44,433	37.7
40—45	0.02657	87,543	4,32,344	32.1	0.01361	88,887	4,41,515	34.4	0.02148	88,157	4,36,317	33.2
45—50	0.02832	85,217	4,20,442	27.9	0.03405	87,677	4,31,417	29.9	0.03066	86,264	4,25,216	28.9
50—55	0.06205	82,803	4,02,030	23.6	0.07339	84,692	4,08,916	25.8	0.06600	83,619	4,05,201	24.7
55—60	0.11615	77,665	3,66,999	20.0	0.08860	78,476	3,76,040	22.7	0.09505	78,100	3,73,035	21.3
60—65	0.13435	68,645	3,21,338	17.3	0.10863	71,523	3,39,282	19.6	0.12300	70,677	3,32,818	18.2
65—70	0.15794	59,422	2,74,741	14.6	0.16997	63,753	2,92,870	16.7	0.16262	61,983	2,85,859	15.4
70+	1.00000	50,037	5,91,315	11.8	1.00000	52,917	7,72,065	14.6	1.00000	51,904	6,69,378	12.9
Combined												
0—1	0.09040	1,00,000	93,455	58.1	0.11260	1,00,000	91,848	54.9	0.10000	1,00,000	92,717	56.6
1—5	0.04555	90,960	3,55,947	62.9	0.05660	88,740	3,45,439	60.8	0.05060	89,940	3,51,155	61.9
5—10	0.01450	86,817	4,31,111	61.8	0.01065	83,717	4,16,631	60.4	0.01263	85,389	4,24,592	61.1
10—15	0.00399	85,558	4,26,720	57.7	0.01391	82,826	4,11,466	56.0	0.00857	84,311	4,20,099	56.8
15—20	0.00549	85,217	4,25,308	52.9	0.01504	81,674	4,05,403	51.8	0.01055	83,580	4,15,927	52.3
20—25	0.00757	84,749	4,22,071	48.2	0.01628	80,445	3,99,283	47.5	0.01223	82,698	4,11,136	47.8
25—30	0.01203	84,107	4,18,103	43.5	0.01682	79,136	3,92,643	43.2	0.01495	81,685	4,05,718	43.4
30—35	0.01913	83,095	4,11,817	39.0	0.01736	77,805	3,85,911	38.9	0.01824	80,465	3,98,828	39.0
35—40	0.02413	81,506	4,03,019	34.7	0.02026	76,454	3,78,718	34.6	0.02232	78,998	3,90,959	34.7
40—45	0.03037	79,539	3,92,143	30.5	0.02364	74,905	3,70,450	30.2	0.02725	77,234	3,81,274	30.4
45—50	0.05467	77,123	3,75,788	26.4	0.04062	73,134	3,58,781	25.9	0.04752	75,130	3,67,301	26.2
50—55	0.05874	72,907	3,54,517	22.7	0.08211	70,163	3,37,302	21.9	0.06965	71,560	3,46,119	22.4
55—60	0.10114	68,625	3,26,774	19.0	0.08993	64,402	3,08,397	18.6	0.09778	66,575	3,17,548	18.8
60—65	0.13120	61,684	2,89,239	15.8	0.16084	58,611	2,70,578	15.2	0.14358	60,066	2,79,826	15.6
65—70	0.20504	53,591	2,41,501	12.8	0.22178	49,184	2,19,564	12.6	0.21165	51,441	2,30,953	12.8
70+	1.00000	42,603	4,46,007	10.5	1.00000	38,276	3,99,538	10.4	1.00000	40,554	4,24,826	10.5

Abridged Life Table—JAMMU & KASHMIR—Rural, Urban and Combined—1976-80

Age-Interval	Male				Female				Person			
	n^q_x	l_x	nL_x	e^o_x	n^q_x	l_x	nL_x	e^o_x	n^q_x	l_x	nL_x	e^o_x
Rural												
0-1	0.08240	1,00,000	94,034	57.2	0.06800	1,00,000	95,077	53.5	0.07550	1,00,000	94,527	55.4
1-5	0.05352	91,760	3,57,684	61.3	0.08213	93,200	3,58,190	56.4	0.05741	92,440	3,57,920	58.9
5-10	0.01312	86,849	4,31,613	60.6	0.01962	85,545	4,23,839	57.2	0.01628	86,209	4,27,889	59.0
10-15	0.00559	85,710	4,27,782	56.4	0.00668	83,867	4,18,084	53.3	0.00608	84,805	4,22,635	55.0
15-20	0.00718	85,230	4,24,968	51.7	0.01015	83,307	4,14,492	48.7	0.00747	84,290	4,19,762	50.3
20-25	0.00926	84,618	4,21,273	47.0	0.02325	82,461	4,07,920	44.2	0.01578	83,660	4,15,142	45.6
25-30	0.01045	83,835	4,17,178	42.5	0.02437	80,544	3,98,146	40.1	0.01824	82,340	4,08,119	41.3
30-35	0.01272	82,959	4,12,202	37.9	0.02559	78,581	3,88,203	36.1	0.01893	80,838	4,00,592	37.0
35-40	0.01864	81,904	4,06,033	33.3	0.03395	76,570	3,76,748	32.0	0.02598	79,308	3,91,713	32.7
40-45	0.03763	80,377	3,94,854	28.9	0.05486	73,971	3,60,394	28.0	0.04570	77,247	3,77,965	28.5
45-50	0.05562	77,352	3,76,737	25.0	0.06534	69,913	3,38,879	24.5	0.05969	73,717	3,58,320	24.7
50-55	0.08118	73,050	3,51,315	21.3	0.09203	65,345	3,12,560	21.0	0.08580	69,317	3,32,628	21.1
55-60	0.11087	67,120	3,18,016	17.9	0.12149	59,331	2,79,601	17.8	0.11562	63,369	2,99,541	17.9
60-65	0.17868	59,678	2,72,858	14.8	0.15666	52,123	2,41,156	14.9	0.17022	56,043	2,57,409	14.9
65-70	0.25253	49,015	2,14,966	12.5	0.22999	43,957	1,95,319	12.2	0.24277	46,503	2,05,115	12.4
70+	1.00000	36,637	3,96,249	10.8	1.00000	33,848	3,42,378	10.1	1.00000	35,214	3,70,825	10.5
Urban												
0-1	0.03820	1,00,000	97,234	63.4	0.04100	1,00,000	97,032	66.1	0.03980	1,00,000	97,118	64.4
1-5	0.02697	96,180	3,79,791	64.8	0.03307	95,900	3,77,549	67.9	0.02985	96,020	3,78,626	65.0
5-10	0.00976	93,586	4,66,020	62.5	0.00578	92,729	4,62,044	66.2	0.00895	93,154	4,63,620	61.0
10-15	0.00140	92,673	4,63,363	58.1	0.00827	92,193	4,59,297	61.6	0.00459	92,319	4,60,592	59.5
15-20	0.00369	92,543	4,61,464	53.2	0.00379	91,430	4,55,948	57.0	0.00369	91,895	4,58,235	54.8
20-25	0.00728	92,201	4,59,744	48.4	0.00454	91,084	4,54,417	52.3	0.00464	91,556	4,56,797	50.0
25-30	0.00762	91,530	4,55,856	43.7	0.00539	90,670	4,52,511	47.5	0.00578	91,133	4,54,085	45.2
30-35	0.00797	90,833	4,52,460	39.0	0.01421	90,181	4,48,069	42.7	0.01154	90,605	4,50,680	40.5
35-40	0.01598	90,109	4,47,186	34.3	0.01450	88,900	4,41,455	38.3	0.01519	89,559	4,44,576	35.9
40-45	0.02099	88,669	4,38,953	29.8	0.02109	87,611	4,33,736	33.8	0.02099	88,190	4,36,625	31.4
45-50	0.03676	86,808	4,26,611	25.4	0.03260	85,763	4,22,338	29.5	0.03473	86,347	4,24,765	27.1
50-55	0.09769	83,617	3,98,853	21.2	0.04465	82,967	4,06,194	25.4	0.07469	83,349	4,02,152	22.9
55-60	0.11258	75,448	3,57,189	18.3	0.06035	79,263	3,85,146	21.5	0.08892	77,123	3,62,494	19.5
60-65	0.14626	66,954	3,11,473	15.2	0.15589	74,479	3,44,732	17.7	0.14963	73,265	3,25,314	15.2
65-70	0.22692	57,161	2,54,435	12.4	0.17249	62,869	2,88,410	15.5	0.20334	59,752	2,62,519	13.5
70+	1.00000	44,190	4,55,289	10.3	1.00000	52,025	6,83,454	13.1	1.00000	47,632	5,41,020	11.4
Combined												
0-1	0.07720	1,00,000	94,411	58.1	0.06440	1,00,000	95,337	55.2	0.07020	1,00,000	94,918	56.8
1-5	0.04980	92,280	3,60,435	62.0	0.07546	93,560	3,60,758	58.0	0.06219	92,980	3,60,950	60.0
5-10	0.01253	87,684	4,35,987	61.1	0.01775	86,500	4,28,876	58.6	0.01499	87,198	4,32,812	59.9
10-15	0.00479	86,586	4,32,027	56.8	0.00698	84,965	4,23,609	54.5	0.00583	85,890	4,27,997	55.7
15-20	0.00499	86,171	4,29,993	52.1	0.00886	84,372	4,19,962	50.0	0.00578	85,385	4,25,672	51.1
20-25	0.00886	85,741	4,26,778	47.3	0.01952	83,624	4,14,300	45.4	0.01391	84,807	4,21,307	46.4
25-30	0.00946	84,981	4,23,118	42.7	0.02148	81,992	4,05,802	41.2	0.01562	83,627	4,15,223	42.0
30-35	0.01164	84,177	4,18,729	38.1	0.02364	80,230	3,96,788	37.1	0.01745	82,315	4,08,300	37.9
35-40	0.01844	83,198	4,12,410	33.5	0.03065	78,334	3,86,128	32.9	0.02403	80,878	3,92,895	33.2
40-45	0.03483	81,663	4,01,743	29.1	0.04895	75,932	3,71,022	28.9	0.04139	78,934	3,87,025	29.0
45-50	0.05248	78,819	3,84,426	25.1	0.05912	72,214	3,51,095	25.2	0.05514	75,657	3,63,575	25.1
50-55	0.08395	74,683	3,58,673	21.3	0.08358	67,945	3,26,371	21.6	0.08377	71,425	3,43,412	21.4
55-60	0.11123	68,413	3,24,088	18.0	0.10971	62,265	2,95,213	18.4	0.11073	65,525	3,13,331	18.2
60-65	0.17342	60,803	2,78,809	14.9	0.15539	55,435	2,55,535	15.3	0.16535	53,210	2,53,115	15.1
65-70	0.24801	50,259	2,21,006	12.5	0.22043	46,793	2,02,052	12.5	0.23517	43,552	2,15,022	12.6
70+	1.00000	37,794	4,08,675	10.8	1.00000	36,479	3,82,777	10.5	1.00000	37,021	3,95,525	10.7

Abridged Life Table—KARNATAKA—Rural, Urban and Combined—1976-80

Age-Interval	Male				Female				Person			
	$n^a q_x$	l_x	nL_x	$e^o x$	$n^a q_x$	l_x	nL_x	$e^o x$	$n^a q_x$	l_x	nL_x	$e^o x$
Rural												
0-1	0.09440	1,00,000	93,165	54.0	0.08600	1,00,000	93,774	53.9	0.09020	1,00,000	93,470	53.9
1-5	0.00542	90,560	3,50,974	58.6	0.08930	91,400	3,50,001	58.0	0.07728	90,980	3,50,495	58.2
5-10	0.02237	84,636	4,18,871	58.6	0.02706	83,238	4,11,025	59.4	0.02481	83,949	4,14,896	58.9
10-15	0.01104	82,742	4,11,475	54.8	0.01124	80,986	4,02,778	56.0	0.01104	81,866	4,07,119	55.3
15-20	0.01253	81,829	4,06,871	50.4	0.01263	80,075	3,98,170	51.6	0.01243	80,962	4,02,545	50.9
20-25	0.01272	80,803	4,01,492	46.0	0.01962	79,064	3,91,726	47.2	0.01608	79,956	3,96,819	46.5
25-30	0.01391	79,776	3,96,314	41.6	0.02139	77,513	3,83,796	43.2	0.02070	78,670	3,89,588	42.2
30-35	0.01913	78,666	3,89,865	37.2	0.02403	75,855	3,75,059	39.0	0.02148	77,042	3,81,304	38.0
35-40	0.02256	77,161	3,81,744	32.8	0.02588	74,032	3,65,639	34.9	0.02432	75,387	3,72,645	33.8
40-45	0.03763	75,420	3,70,505	28.5	0.02900	72,116	3,55,674	30.8	0.03328	73,554	3,62,110	29.6
45-50	0.04685	72,582	3,54,956	24.5	0.03434	70,025	3,44,505	26.6	0.04081	71,106	3,48,777	25.5
50-55	0.07831	69,182	3,33,187	20.6	0.06120	67,620	3,28,440	22.5	0.07031	68,204	3,29,809	21.5
55-60	0.12176	63,764	3,00,462	17.1	0.09796	63,482	3,02,758	18.8	0.11043	63,409	3,00,524	17.9
60-65	0.19258	56,000	2,54,112	14.1	0.15845	57,263	2,64,682	15.5	0.17543	56,406	2,58,365	14.8
65-70	0.23140	45,216	2,00,747	11.9	0.18491	48,190	2,19,585	12.9	0.20827	46,511	2,09,219	12.4
70+	1.00000	34,753	3,36,687	9.7	1.00000	39,279	4,04,187	10.3	1.00000	36,824	3,67,947	10.0
Urban												
0-1	0.05360	1,00,000	96,119	62.9	0.05786	1,00,000	95,815	64.9	0.05560	1,00,000	95,975	64.0
1-5	0.03079	94,640	3,73,107	65.5	0.03377	94,220	3,70,840	67.9	0.03226	94,440	3,71,994	66.8
5-10	0.00946	91,726	4,56,699	63.5	0.01174	91,038	4,52,876	66.2	0.01055	91,393	4,54,811	64.9
10-15	0.00578	90,858	4,52,725	59.1	0.00349	89,969	4,48,562	61.9	0.00489	90,429	4,51,223	60.6
15-20	0.00593	90,333	4,50,148	54.4	0.00817	89,655	4,46,637	57.1	0.00767	89,987	4,48,182	55.9
20-25	0.00608	89,797	4,47,515	49.7	0.01361	88,923	4,41,694	52.6	0.00995	89,297	4,44,251	51.3
25-30	0.00926	89,252	4,44,338	45.0	0.01445	87,713	4,35,549	48.3	0.00995	88,408	4,39,831	46.8
30-35	0.01233	88,425	4,39,629	40.4	0.01539	86,445	4,29,159	43.9	0.01351	87,529	4,34,747	42.2
35-40	0.02129	87,335	4,32,409	35.9	0.02021	85,115	4,21,611	39.6	0.02080	86,346	4,27,619	37.8
40-45	0.02891	85,475	4,21,688	31.6	0.02158	83,395	4,12,765	35.4	0.02530	84,550	4,17,796	33.5
45-50	0.04618	83,004	4,06,053	27.5	0.02598	81,595	4,03,011	31.1	0.03318	82,411	4,05,697	29.3
50-55	0.07989	79,171	3,81,023	23.7	0.04062	79,475	3,89,889	26.8	0.06186	79,677	3,86,875	25.2
55-60	0.08947	72,846	3,48,905	20.5	0.07264	76,247	3,68,256	22.8	0.08128	74,748	3,59,497	21.7
60-65	0.12600	66,329	3,11,844	17.2	0.12494	70,708	3,32,617	19.4	0.12556	68,672	3,22,940	18.4
65-70	0.20980	57,971	2,60,548	14.3	0.12424	61,874	2,91,183	16.8	0.16533	60,050	2,76,547	15.7
70+	1.00000	45,869	5,70,614	12.5	1.00000	54,187	7,49,886	13.8	1.00000	50,122	6,63,689	13.2
Combined												
0-1	0.08440	1,00,000	93,889	56.2	0.07800	1,00,000	94,309	56.6	0.08160	1,00,000	94,092	56.3
1-5	0.05610	91,560	3,56,455	60.3	0.07465	92,140	3,55,465	60.4	0.06549	91,840	3,55,894	60.3
5-10	0.01503	86,423	4,28,291	59.8	0.02295	85,262	4,21,715	61.0	0.02109	85,825	4,24,896	60.3
10-15	0.00966	84,779	4,22,146	55.9	0.00916	83,305	4,14,714	57.4	0.00946	84,015	4,18,308	56.6
15-20	0.01025	83,560	4,17,762	51.4	0.01134	82,542	4,10,537	52.9	0.01124	83,221	4,13,893	52.1
20-25	0.01085	83,059	4,13,591	46.9	0.01785	81,606	4,04,629	48.5	0.01411	82,285	4,08,818	47.6
25-30	0.01233	82,158	4,08,668	42.4	0.01952	80,149	3,97,084	44.3	0.01716	81,124	4,02,338	43.3
30-35	0.01706	81,184	4,02,617	37.9	0.02139	78,585	3,89,103	40.2	0.01913	79,732	3,95,149	39.0
35-40	0.02237	79,799	3,94,935	33.5	0.02432	76,904	3,80,142	36.0	0.02334	78,207	3,86,726	34.7
40-45	0.03521	78,014	3,83,642	29.2	0.02715	75,033	3,70,393	31.8	0.03134	76,381	3,76,383	30.5
45-50	0.04666	75,267	3,68,131	25.2	0.03211	72,996	3,59,496	27.6	0.03975	73,988	3,63,087	26.4
50-55	0.07878	71,755	3,45,530	21.3	0.05619	70,652	3,44,017	23.5	0.06815	71,047	3,43,880	22.3
55-60	0.11285	66,102	3,12,905	17.9	0.09112	66,682	3,19,123	19.7	0.10259	66,205	3,15,025	18.8
60-65	0.17710	58,643	2,68,362	14.8	0.14954	60,606	2,81,462	16.4	0.16330	59,413	2,73,916	15.6
65-70	0.22566	48,257	2,14,956	12.5	0.16829	51,543	2,37,000	13.8	0.19683	49,711	2,25,036	13.1
70+	1.00000	37,367	3,86,826	10.4	1.00000	42,869	4,76,217	11.1	1.00000	39,926	4,29,037	10.8

Abridged Life Table—KERALA—Rural, Urban and Combined—1976-80

Age-Interval	Male				Female				Person			
	$n^a x$	l_x	nL_x	$e^o x$	$n^a x$	l_x	nL_x	$e^o x$	$n^a x$	l_x	nL_x	$e^o x$
Rural												
0—1 . . .	0.05140	1,00,000	96,279	63.8	0.04320	1,00,000	96,872	67.6	0.04760	1,00,000	96,554	65.5
1—5 . . .	0.02324	94,860	3,75,260	66.3	0.02826	95,680	3,77,642	69.6	0.02576	95,240	3,76,286	67.8
5—10 . . .	0.00817	92,646	4,61,535	63.8	0.00916	92,976	4,62,859	67.6	0.00867	92,787	4,62,333	65.5
10—15 . . .	0.00379	91,889	4,58,236	59.3	0.00509	92,124	4,59,719	63.2	0.00439	91,982	4,58,866	61.1
15—20 . . .	0.00509	91,541	4,56,866	54.5	0.00459	91,656	4,57,281	58.4	0.00489	91,578	4,56,957	56.3
20—25 . . .	0.00737	91,075	4,53,528	45.8	0.00593	91,235	4,54,641	53.7	0.00648	91,131	4,54,251	51.6
25—30 . . .	0.00956	90,404	4,50,135	45.1	0.00767	90,694	4,51,702	49.0	0.00857	90,540	4,51,121	46.9
30—35 . . .	0.01292	89,539	4,44,942	40.5	0.00822	89,998	4,48,355	44.4	0.01154	89,764	4,46,499	42.3
35—40 . . .	0.01913	88,383	4,38,020	36.0	0.00886	89,258	4,44,286	39.7	0.01371	88,728	4,40,748	37.8
40—45 . . .	0.02558	86,692	4,28,185	31.7	0.01608	89,468	4,39,061	35.1	0.02070	87,512	4,33,372	33.8
45—50 . . .	0.03608	84,440	4,15,065	27.5	0.02031	87,045	4,31,191	30.6	0.02774	85,700	4,23,012	28.2
50—55 . . .	0.05277	81,393	3,96,960	23.4	0.02988	85,277	4,20,475	26.2	0.04148	83,323	4,08,538	24.9
55—60 . . .	0.08754	77,658	3,69,614	19.5	0.05391	82,729	4,03,248	21.9	0.07087	79,867	3,86,095	20.6
60—65 . . .	0.12025	70,349	3,31,742	16.2	0.09805	78,269	3,73,263	18.0	0.10890	74,207	3,51,964	17.6
65—70 . . .	0.19217	61,889	2,80,899	13.0	0.13758	70,595	3,29,906	14.6	0.16431	66,125	3,04,685	13.0
70+ . . .	1.00000	45,556	5,24,287	10.5	1.00000	60,882	7,04,168	11.6	1.00000	55,260	6,01,703	10.7
Urban												
0—1 . . .	0.03380	1,00,000	97,553	63.4	0.03800	1,00,000	97,249	68.0	0.03540	1,00,000	97,437	65.7
1—5 . . .	0.01860	96,620	3,83,184	64.6	0.02767	96,200	3,79,722	69.7	0.02307	96,460	3,81,704	67.1
5—10 . . .	0.00588	94,823	4,75,207	61.8	0.00359	93,538	4,66,392	67.6	0.00479	94,235	4,70,192	64.5
10—15 . . .	0.00439	94,265	4,70,255	57.1	0.00300	93,202	4,66,012	62.9	0.00369	93,783	4,67,649	59.9
15—20 . . .	0.00429	93,851	4,68,166	52.4	0.00300	92,923	4,64,614	58.0	0.00359	93,437	4,65,888	55.0
20—25 . . .	0.00827	93,449	4,65,555	47.6	0.00439	92,644	4,62,167	53.2	0.00608	93,102	4,63,983	50.1
25—30 . . .	0.00916	92,676	4,61,366	43.0	0.00717	92,237	4,59,265	48.4	0.00807	92,536	4,60,965	45.3
30—35 . . .	0.01361	91,827	4,56,119	38.3	0.00817	91,576	4,56,204	43.8	0.01094	91,789	4,56,441	41.6
35—40 . . .	0.02059	90,577	4,48,314	33.8	0.01479	90,828	4,50,786	39.1	0.01745	90,785	4,50,055	36.0
40—45 . . .	0.03430	88,712	4,35,936	29.5	0.01676	89,484	4,43,716	34.6	0.02528	89,201	4,40,428	32.4
45—50 . . .	0.04611	85,670	4,18,456	25.4	0.01833	87,985	4,35,881	30.2	0.03188	86,946	4,27,751	27.0
50—55 . . .	0.06791	81,719	3,94,705	21.6	0.03091	86,372	4,25,120	25.7	0.04954	84,174	4,10,430	23.8
55—60 . . .	0.09469	76,170	3,62,803	17.9	0.05910	83,702	4,06,141	21.5	0.07720	80,004	3,84,576	19.7
60—65 . . .	0.16345	68,957	3,18,346	14.6	0.10166	78,710	3,73,775	17.7	0.13110	73,828	3,44,932	16.1
65—70 . . .	0.23189	57,624	2,54,717	11.9	0.16032	70,749	3,26,685	14.4	0.19209	64,149	2,89,937	13.2
70+ . . .	1.00000	44,262	4,30,980	9.7	1.00000	59,407	6,89,651	11.6	1.00000	51,826	5,56,077	10.7
Combined												
0—1 . . .	0.04500	1,00,000	96,452	63.5	0.04220	1,00,000	96,945	67.6	0.04560	1,00,000	96,699	65.5
1—5 . . .	0.02248	95,100	3,76,382	65.8	0.02810	95,780	3,78,008	69.6	0.02526	95,440	3,77,279	67.6
5—10 . . .	0.00777	92,962	4,63,023	63.3	0.00836	93,089	4,63,227	67.5	0.00817	93,029	4,63,444	65.3
10—15 . . .	0.00379	92,240	4,59,985	58.7	0.00479	92,310	4,60,590	63.1	0.00419	92,269	4,60,247	60.9
15—20 . . .	0.00459	91,890	4,58,532	54.0	0.00429	91,868	4,58,273	58.4	0.00469	91,883	4,58,435	56.1
20—25 . . .	0.00767	91,432	4,55,377	49.2	0.00564	91,474	4,56,561	53.6	0.00628	91,452	4,55,806	51.4
25—30 . . .	0.00936	90,730	4,51,722	44.6	0.00747	90,958	4,52,972	48.9	0.00846	90,877	4,52,248	46.7
30—35 . . .	0.01311	89,881	4,46,342	40.0	0.00857	90,279	4,49,819	44.2	0.01134	90,108	4,48,171	42.0
35—40 . . .	0.01941	88,703	4,39,215	35.5	0.00985	89,505	4,45,265	39.6	0.01430	89,087	4,42,340	37.3
40—45 . . .	0.02752	86,981	4,28,982	31.1	0.01607	88,623	4,39,561	35.0	0.02156	87,813	4,34,230	33.0
45—50 . . .	0.03797	84,587	4,14,959	26.9	0.01990	87,199	4,31,658	30.5	0.02839	85,919	4,23,481	28.7
50—55 . . .	0.05533	81,376	3,95,651	22.9	0.02994	85,464	4,20,854	26.1	0.04277	83,480	4,08,518	24.4
55—60 . . .	0.08869	76,873	3,67,342	19.1	0.05438	82,905	4,03,254	21.8	0.07192	79,910	3,85,195	20.0
60—65 . . .	0.12620	70,055	3,28,173	15.7	0.09904	78,397	3,72,573	17.9	0.11232	74,163	3,49,998	16.3
65—70 . . .	0.19812	61,214	2,75,756	12.6	0.14152	70,632	3,28,165	14.6	0.16883	65,833	3,01,370	13.6
70+ . . .	1.00000	49,086	4,95,323	10.1	1.00000	60,636	7,02,624	11.6	1.00000	54,718	5,95,021	10.9

Abridged Life Table—MADHYA PRADESH—Rural, Urban and Combined—1976-80

Age-Interval	Male				Female				Person			
	nq_x	lx	nL_x	e^o_x	nq_x	lx	nL_x	e^o_x	nq_x	lx	nL_x	e^o_x
Rural												
0—1	0.15100	1,00,000	89,068	48.1	0.15260	1,00,000	88,952	47.1	0.15160	1,00,000	89,024	47.6
1—5	0.10178	84,900	3,23,033	55.6	0.12317	84,740	3,18,825	54.5	0.11214	84,840	3,21,092	55.0
5—10	0.02667	76,259	3,76,634	57.7	0.02793	74,303	3,55,655	57.0	0.02735	75,325	3,71,871	57.7
10—15	0.01391	74,225	3,68,739	54.2	0.01253	72,227	3,59,130	54.5	0.01322	73,255	3,64,125	54.2
15—20	0.01223	73,193	3,63,880	49.9	0.01854	71,322	3,53,575	50.1	0.01529	72,297	3,53,904	49.9
20—25	0.01509	72,297	3,58,871	45.5	0.02705	69,993	3,45,522	45.0	0.02030	71,192	3,52,559	45.7
25—30	0.01824	71,206	3,52,936	41.1	0.02803	68,099	3,35,058	42.2	0.02432	69,711	3,44,583	41.6
30—35	0.02021	69,908	3,46,283	36.8	0.02900	65,190	3,25,447	33.4	0.02475	68,015	3,35,142	37.5
35—40	0.02060	68,495	3,39,181	32.6	0.02998	64,271	3,15,913	34.4	0.02520	65,332	3,27,755	33.4
40—45	0.03782	67,084	3,29,495	28.2	0.03337	62,344	3,05,345	30.4	0.03570	64,550	3,17,957	29.2
45—50	0.04408	64,547	3,16,136	24.2	0.03893	60,263	2,95,852	26.4	0.04167	62,352	3,05,670	25.2
50—55	0.09149	61,702	2,95,244	20.2	0.05978	57,914	2,81,473	22.3	0.07555	59,754	2,83,044	21.2
55—60	0.11526	56,056	2,65,015	16.9	0.08248	54,452	2,61,725	18.5	0.09973	55,179	2,52,232	17.7
60—65	0.19626	49,595	2,24,587	13.8	0.18797	49,961	2,27,279	15.0	0.19233	49,674	2,25,430	14.4
65—70	0.24013	39,862	1,76,086	11.5	0.20585	40,570	1,82,741	12.9	0.22218	40,120	1,79,055	12.2
70+	1.00000	30,290	2,83,772	9.4	1.00000	32,218	3,40,792	10.6	1.00000	31,205	3,11,313	10.0
Urban												
0—1	0.08460	1,00,000	93,875	57.8	0.08360	1,00,000	93,947	58.9	0.08440	1,00,000	93,889	58.3
1—5	0.04865	91,540	3,57,704	62.1	0.05014	91,640	3,57,853	63.2	0.04933	91,550	3,57,592	62.7
5—10	0.00638	87,087	4,34,072	61.1	0.00965	87,045	4,33,431	62.5	0.00777	87,039	4,33,520	61.3
10—15	0.00549	86,531	4,31,868	56.5	0.00598	85,204	4,29,535	58.0	0.00588	85,352	4,30,349	57.3
15—20	0.00618	86,056	4,28,892	51.8	0.00817	85,689	4,26,877	53.4	0.00713	85,355	4,23,031	52.5
20—25	0.00648	85,524	4,26,305	47.1	0.01539	84,939	4,21,923	43.3	0.01035	85,233	4,24,235	43.0
25—30	0.01025	84,970	4,22,787	42.4	0.01982	83,681	4,14,633	44.5	0.01490	84,313	4,18,757	43.5
30—35	0.01480	84,099	4,17,673	37.8	0.02153	82,022	4,05,953	40.4	0.01632	83,057	4,12,101	39.1
35—40	0.02129	82,854	4,10,225	33.3	0.02339	80,255	3,95,870	35.2	0.02153	81,650	4,04,171	34.7
40—45	0.02968	81,090	3,99,794	29.0	0.02540	78,379	3,87,321	32.0	0.02745	79,992	3,94,430	30.4
45—50	0.03908	78,684	3,86,301	24.8	0.03365	67,383	3,75,911	27.3	0.03537	77,709	3,81,923	25.2
50—55	0.08349	75,609	3,63,208	20.7	0.05305	73,817	3,59,925	23.5	0.05955	74,832	3,61,133	22.1
55—60	0.11105	69,296	3,28,299	17.4	0.06918	69,901	3,38,165	19.8	0.09185	69,557	3,33,275	18.5
60—65	0.13889	61,601	2,87,684	14.2	0.12538	65,065	3,05,997	16.1	0.13207	63,258	2,95,515	15.2
65—70	0.28831	53,045	2,27,716	11.0	0.16508	56,907	2,62,117	13.0	0.22447	54,912	2,44,750	12.0
70+	1.00000	37,752	3,58,310	9.5	1.00000	47,513	4,79,059	10.1	1.00000	42,535	4,17,019	9.3
Combined												
0—1	0.14180	1,00,000	89,734	49.4	0.14380	1,00,000	89,589	48.7	0.14280	1,00,000	89,651	49.0
1—5	0.09442	85,820	3,27,796	55.5	0.11289	85,620	3,23,915	55.3	0.10330	85,720	3,25,905	55.2
5—10	0.02422	77,717	3,84,143	58.2	0.02549	75,954	3,75,209	58.5	0.02452	76,355	3,80,004	58.4
10—15	0.01263	75,835	3,77,083	54.6	0.01154	74,013	3,68,177	55.1	0.01213	74,973	3,72,713	54.8
15—20	0.01134	74,877	3,72,413	50.2	0.01687	73,164	3,63,023	50.7	0.01381	74,053	3,67,919	50.4
20—25	0.01342	74,028	3,67,945	45.8	0.02491	71,930	3,55,510	46.5	0.01893	73,040	3,61,952	45.1
25—30	0.01667	73,034	3,62,345	41.4	0.02593	70,138	3,46,415	42.5	0.02265	71,653	3,54,534	42.0
30—35	0.01844	71,817	3,55,995	37.0	0.02696	68,319	3,37,343	38.7	0.02354	70,034	3,45,345	37.9
35—40	0.02080	70,492	3,49,105	32.7	0.02803	66,477	3,28,057	34.7	0.02442	68,335	3,33,051	33.7
40—45	0.03666	69,026	3,39,209	28.3	0.03221	64,614	3,18,230	30.6	0.03444	65,715	3,23,240	29.5
45—50	0.04350	66,496	3,25,739	24.3	0.03821	62,533	3,07,119	26.6	0.04091	64,418	3,15,937	25.4
50—55	0.09029	63,603	3,04,492	20.3	0.05874	60,144	2,92,453	22.5	0.07553	61,782	2,97,934	21.4
55—60	0.11472	57,860	2,73,609	17.0	0.08054	56,611	2,72,367	18.8	0.09851	57,115	2,72,333	18.0
60—65	0.18830	51,223	2,32,977	13.9	0.17985	52,051	2,37,841	15.2	0.17718	51,490	2,35,612	14.5
65—70	0.24647	41,577	1,82,993	11.5	0.20034	42,690	1,92,884	12.9	0.22249	42,357	1,89,052	12.2
70+	1.00000	31,330	2,95,064	9.4	1.00000	34,137	3,58,887	10.5	1.00000	32,940	3,23,419	10.0

Abridged Life Table—MAHARASHTRA—Rural, Urban and Combined—1976-80

Age-Interval	Male				Female				Person			
	n^q_x	l_x	nL_x	e^o_x	n^q_x	l_x	nL_x	e^o_x	n^q_x	l_x	nL_x	e^o_x
Rural												
0—1	0.09800	1,00,000	92,905	53.4	0.09700	1,00,000	92,977	54.7	0.09720	1,00,000	92,963	54.0
1—5	0.06456	90,200	3,49,748	58.2	0.07851	90,300	3,47,693	59.6	0.07137	90,280	3,48,851	58.8
5—10	0.01785	84,377	4,18,368	58.1	0.02109	83,211	4,11,951	60.5	0.01952	83,837	4,15,353	59.2
10—15	0.01035	82,871	4,12,361	54.1	0.00966	81,456	4,05,599	56.7	0.01005	82,200	4,08,966	55.3
15—20	0.01179	82,013	4,07,988	49.6	0.01366	80,669	4,00,704	52.2	0.01287	81,374	4,04,357	50.9
20—25	0.01342	81,046	4,02,828	45.2	0.01923	79,567	3,94,348	47.9	0.01647	80,327	3,93,489	45.5
25—30	0.01657	79,958	3,96,679	40.8	0.02011	78,037	3,86,532	43.8	0.01834	79,091	3,91,693	42.2
30—35	0.02045	78,633	3,89,359	36.4	0.02021	76,467	3,78,776	39.7	0.02040	77,553	3,84,010	38.0
35—40	0.02520	77,025	3,80,596	32.1	0.02031	74,922	3,71,138	35.4	0.02265	75,973	3,75,893	33.7
40—45	0.03425	75,084	3,69,488	27.9	0.02315	73,400	3,63,081	31.1	0.02852	74,251	3,65,375	29.4
45—50	0.05010	72,513	3,54,082	23.8	0.03337	71,701	3,52,901	26.8	0.04195	72,134	3,53,589	25.2
50—55	0.08137	68,880	3,31,250	19.9	0.05172	69,308	3,38,173	22.6	0.06693	69,107	3,31,683	21.2
55—60	0.10737	63,275	3,00,347	16.4	0.08312	65,724	3,15,778	18.7	0.09557	64,482	3,07,899	17.5
60—65	0.17827	56,481	2,58,309	13.1	0.14055	60,261	2,81,197	15.2	0.15917	58,324	2,62,431	14.1
65—70	0.25809	46,412	2,02,889	10.3	0.20009	51,791	2,34,031	12.2	0.22747	49,023	2,18,138	11.3
70+	1.00000	34,434	2,76,754	8.0	1.00000	41,428	3,97,508	9.6	1.00000	37,872	3,34,259	8.8
Urban												
0—1	0.05700	1,00,000	95,873	60.9	0.06300	1,00,000	95,439	63.7	0.05960	1,00,000	95,685	62.2
1—5	0.03288	94,300	3,71,327	63.6	0.04421	93,700	3,66,916	67.0	0.03845	94,040	3,69,340	65.2
5—10	0.00916	91,199	4,54,014	61.7	0.00817	89,558	4,46,149	66.0	0.00867	90,424	4,53,562	63.7
10—15	0.00489	90,364	4,50,898	57.2	0.00270	88,826	4,44,129	61.5	0.00379	89,640	4,47,021	59.2
15—20	0.00946	89,922	4,47,718	52.5	0.00564	88,586	4,42,146	56.6	0.00633	89,300	4,45,096	54.4
20—25	0.00981	89,071	4,43,549	48.0	0.01174	88,086	4,38,192	52.0	0.01060	88,735	4,41,593	49.8
25—30	0.01015	88,198	4,38,827	43.4	0.01183	87,052	4,32,701	47.5	0.01085	87,795	4,36,959	45.3
30—35	0.01588	87,302	4,33,239	38.8	0.01253	86,022	4,27,723	43.1	0.01440	86,842	4,31,216	40.7
35—40	0.01913	85,916	4,25,797	34.4	0.01726	84,945	4,21,305	38.6	0.01824	85,591	4,24,236	35.3
40—45	0.03192	84,273	4,15,120	30.0	0.01991	83,478	4,13,447	34.2	0.02618	84,030	4,15,078	31.9
45—50	0.05143	81,583	3,98,083	26.0	0.03657	81,816	4,02,154	29.9	0.04465	81,830	4,00,628	27.7
50—55	0.08146	77,387	3,72,133	22.2	0.03994	78,824	3,86,762	25.9	0.06327	78,177	3,79,313	23.9
55—60	0.10791	71,083	3,37,315	19.0	0.08358	75,676	3,63,506	21.9	0.09651	73,230	3,49,529	20.3
60—65	0.14626	63,412	2,94,996	15.9	0.10980	69,351	3,28,789	18.6	0.12821	65,163	3,10,724	17.2
65—70	0.20326	54,138	2,44,208	13.2	0.15973	61,736	2,85,169	15.6	0.18209	57,680	2,63,233	14.3
70+	1.00000	43,134	4,70,685	10.9	1.00000	51,875	6,76,515	13.0	1.00000	47,177	5,62,974	11.9
Combined												
0—1	0.08600	1,00,000	93,774	55.6	0.08740	1,00,000	93,672	57.1	0.08660	1,00,000	93,730	56.3
1—5	0.05569	91,400	3,55,949	59.8	0.06902	91,260	3,53,070	61.5	0.06222	91,340	3,54,534	60.6
5—10	0.01549	86,310	4,28,507	59.2	0.01775	84,961	4,21,246	61.9	0.01667	85,657	4,24,970	60.5
10—15	0.00886	84,973	4,22,955	55.1	0.00777	83,453	4,15,661	58.0	0.00827	84,229	4,19,622	56.5
15—20	0.00990	84,220	4,18,985	50.6	0.01144	82,805	4,11,864	53.4	0.01015	83,532	4,15,614	52.0
20—25	0.01104	83,386	4,14,678	46.1	0.01667	81,857	4,06,120	49.0	0.01371	82,684	4,10,726	47.4
25—30	0.01411	82,466	4,09,715	41.5	0.01667	80,493	3,99,350	44.8	0.01544	81,551	4,04,870	43.1
30—35	0.01805	81,302	4,03,161	37.1	0.01667	79,151	3,92,693	40.5	0.01736	80,292	3,98,247	38.7
35—40	0.02276	79,835	3,95,008	32.7	0.01952	77,832	3,85,602	36.2	0.02119	78,898	3,90,618	34.3
40—45	0.03337	78,018	3,83,989	28.4	0.02217	76,312	3,77,644	31.8	0.02774	77,226	3,81,183	30.0
45—50	0.05039	75,414	3,68,229	24.3	0.03425	74,621	3,67,206	27.5	0.04264	75,084	3,67,997	25.8
50—55	0.08137	71,614	3,44,399	20.5	0.04857	72,065	3,52,131	23.4	0.06581	71,882	3,48,343	21.8
55—60	0.10764	65,787	3,12,226	17.0	0.08322	68,565	3,29,442	19.4	0.09569	67,152	3,20,646	18.2
60—65	0.16938	58,706	2,69,765	13.8	0.13207	62,859	2,94,597	16.0	0.15092	60,726	2,81,819	14.8
65—70	0.24261	48,762	2,15,094	11.1	0.18921	54,557	2,43,023	13.0	0.21493	51,551	2,31,058	12.0
70+	1.00000	36,932	3,24,134	8.8	1.00000	44,234	4,59,910	10.4	1.00000	40,479	3,87,954	9.6

Abridged Life Table—ORISSA—Rural, Urban and Combined—1976-80

Age-Interval	Male				Female				Person			
	n^a_x	l_x	nL_x	e^o_x	n^a_x	l_x	nL_x	e^o_x	n^a_x	L_x	nL_x	e^o_x
Rural												
0—1	0.13820	1,00,000	89,994	49.4	0.15080	1,00,000	89,032	47.7	0.14440	1,00,000	89,545	48.5
1—5	0.07088	86,180	3,33,066	56.3	0.07442	84,920	3,27,618	55.1	0.07260	85,560	3,30,407	55.6
5—10	0.02080	80,072	3,96,545	56.5	0.03269	78,600	3,86,954	55.4	0.02557	79,348	3,91,893	55.8
10—15	0.01302	78,406	3,89,636	52.6	0.01342	76,031	3,77,901	52.1	0.01302	77,232	3,83,802	52.2
15—20	0.01421	77,385	3,84,491	48.3	0.01893	75,010	3,71,714	47.8	0.01883	76,227	3,77,723	47.9
20—25	0.01539	76,286	3,78,721	43.9	0.02530	73,591	3,63,641	43.7	0.02340	74,791	3,70,325	43.8
25—30	0.01637	75,112	3,72,599	39.6	0.02647	71,729	3,54,227	39.8	0.02173	73,255	3,62,656	39.6
30—35	0.01854	73,882	3,66,249	35.2	0.02774	69,830	3,44,677	35.8	0.02325	71,673	3,54,555	35.4
35—40	0.02998	72,512	3,57,552	30.8	0.02910	67,893	3,34,862	31.7	0.02939	70,007	3,45,219	31.2
40—45	0.04436	70,338	3,44,394	26.7	0.03994	65,917	3,23,432	27.6	0.04148	67,950	3,33,161	27.1
45—50	0.06336	67,218	3,26,105	22.8	0.04790	63,285	3,09,319	23.6	0.05609	65,131	3,17,118	23.2
50—55	0.10475	62,959	2,99,227	19.1	0.08165	60,253	2,89,733	19.7	0.09423	61,478	2,93,765	19.4
55—60	0.15049	56,364	2,61,636	16.1	0.13313	55,334	2,59,203	16.2	0.14220	55,585	2,59,619	16.1
60—65	0.19085	47,882	2,17,474	13.4	0.17877	47,967	2,19,311	13.2	0.18466	47,766	2,17,683	13.3
65—70	0.26834	38,744	1,68,337	11.0	0.28370	39,392	1,69,582	10.6	0.27602	39,946	1,68,440	10.8
70+	1.00000	28,347	2,57,936	9.1	1.00000	28,216	2,46,906	8.8	1.00000	28,196	2,51,570	8.9
Urban												
0—1	0.08300	1,00,000	93,991	57.7	0.07440	1,00,000	94,613	58.9	0.07880	1,00,000	94,295	58.2
1—5	0.03431	91,700	3,60,806	61.8	0.04617	92,560	3,62,161	62.6	0.04003	92,120	3,61,526	62.2
5—10	0.00916	88,554	4,40,844	60.0	0.01903	88,287	4,37,524	61.6	0.01391	88,432	4,39,320	60.7
10—15	0.00817	87,743	4,37,108	55.5	0.00708	86,606	4,31,812	57.7	0.00757	87,202	4,34,291	56.5
15—20	0.00628	87,026	4,33,747	50.9	0.01253	85,993	4,27,577	53.1	0.00926	86,542	4,30,850	51.9
20—25	0.01381	86,479	4,29,597	46.2	0.01253	84,916	4,22,220	48.8	0.01312	85,741	4,26,106	47.4
25—30	0.01440	85,285	4,23,484	41.9	0.01282	83,852	4,16,659	44.3	0.01361	84,616	4,20,300	43.0
30—35	0.01846	84,057	4,17,121	37.4	0.01361	82,777	4,11,165	39.9	0.01731	83,464	4,13,973	38.5
35—40	0.02364	82,505	4,08,038	33.1	0.01795	81,650	4,04,868	35.4	0.02099	82,020	4,06,035	34.2
40—45	0.03386	80,555	3,96,451	28.8	0.02696	80,185	3,95,930	31.0	0.03056	80,298	3,95,791	29.8
45—50	0.04388	77,827	3,81,145	24.7	0.04042	78,023	3,82,728	26.8	0.04331	77,844	3,81,383	25.7
50—55	0.09532	74,412	3,55,359	20.8	0.05950	74,869	3,63,947	22.8	0.07961	74,473	3,58,450	21.7
55—60	0.12891	67,319	3,16,027	17.6	0.09048	70,414	3,37,095	19.1	0.11141	68,544	3,24,680	18.4
60—65	0.17977	58,641	2,67,969	14.9	0.14644	64,043	2,97,919	15.7	0.16262	60,907	2,80,906	15.4
65—70	0.23520	48,099	2,15,895	12.6	0.19184	54,665	2,48,152	12.9	0.20940	51,003	2,29,282	12.8
70+	1.00000	36,786	3,88,450	10.6	1.00000	44,178	4,59,134	10.4	1.00000	40,323	4,25,258	10.6
Combined												
0—1	0.13420	1,00,000	90,284	50.0	0.14540	1,00,000	89,473	48.4	0.13980	1,00,000	89,878	49.1
1—5	0.06834	86,580	3,35,044	56.7	0.07249	85,460	3,30,048	55.6	0.07032	86,020	3,32,541	56.0
5—10	0.01991	80,663	3,99,503	56.7	0.03172	79,265	3,90,417	55.8	0.02579	79,971	3,95,106	56.1
10—15	0.01253	79,057	3,93,090	52.8	0.01282	76,751	3,81,374	52.5	0.01263	77,909	3,87,396	52.5
15—20	0.01391	78,067	3,87,823	48.4	0.01864	75,767	3,75,610	48.1	0.01815	76,925	3,81,471	48.2
20—25	0.01539	76,981	3,82,172	44.1	0.02452	74,354	3,67,575	44.0	0.01982	75,528	3,74,243	44.0
25—30	0.01618	75,796	3,76,189	39.7	0.02564	72,531	3,58,324	40.0	0.02114	74,031	3,66,516	39.8
30—35	0.01849	74,570	3,69,649	35.2	0.02676	70,672	3,48,925	36.0	0.02246	72,466	3,58,501	35.6
35—40	0.02939	73,191	3,60,919	30.9	0.02822	68,780	3,39,333	31.9	0.02891	70,839	3,49,480	31.4
40—45	0.04331	71,040	3,48,046	26.8	0.03801	66,839	3,28,239	27.8	0.04062	68,791	3,37,474	27.3
45—50	0.06195	67,963	3,29,961	22.9	0.04752	64,299	3,14,350	23.8	0.05524	65,997	3,21,486	23.3
50—55	0.10421	63,753	3,03,087	19.2	0.08044	61,243	2,94,642	19.8	0.09331	62,351	2,98,052	19.5
55—60	0.14911	57,109	2,65,281	16.2	0.13120	56,317	2,64,074	16.3	0.14037	56,533	2,63,814	16.2
60—65	0.19028	48,593	2,20,782	13.5	0.17668	48,928	2,23,954	13.4	0.18334	48,597	2,21,638	13.5
65—70	0.26632	39,347	1,71,168	11.1	0.27713	40,234	1,74,103	10.7	0.27193	39,688	1,72,070	10.9
70+	1.00000	28,868	2,65,332	9.2	1.00000	29,120	2,57,788	8.8	1.00000	28,895	2,60,365	9.0

Abridged Life Table—PUNJAB—Rural, Urban and Combined—1976-80

Age-Interval	Male				Female				Person			
	$n^a x$	l_x	nL_x	$e^o x$	$n^a x$	l_x	nL_x	$e^o x$	$n^a x$	l_x	nL_x	$e^o x$
Rural												
0—1 . . .	0.10420	1,00,000	92,456	60.3	0.11360	1,00,000	91,775	59.1	0.10820	1,00,000	92,166	59.8
1—5 . . .	0.04153	89,580	3,51,299	66.3	0.07688	88,640	3,41,586	65.7	0.05830	89,180	3,46,844	66.0
5—10 . . .	0.00867	85,860	4,27,818	65.1	0.01608	81,825	4,06,096	67.0	0.01134	83,981	4,17,694	65.9
10—15 . . .	0.00339	85,115	4,24,325	60.6	0.00916	80,510	4,00,798	63.0	0.00608	83,028	4,13,781	61.6
15—20 . . .	0.00867	84,827	4,22,671	55.8	0.00747	79,772	3,97,265	58.6	0.00807	82,524	4,11,090	57.0
20—25 . . .	0.01134	84,091	4,18,244	51.3	0.01055	79,176	3,94,014	54.0	0.01075	81,858	4,07,394	52.4
25—30 . . .	0.01371	83,138	4,12,978	46.8	0.01490	78,341	3,89,093	49.6	0.01430	80,978	4,02,077	48.0
30—35 . . .	0.01598	81,998	4,06,934	42.4	0.01583	77,174	3,82,965	45.3	0.01588	79,820	3,96,105	43.6
35—40 . . .	0.01864	80,688	4,00,005	38.1	0.01677	75,952	3,76,839	41.0	0.01765	78,552	3,89,451	39.3
40—45 . . .	0.02413	79,184	3,91,537	33.8	0.01731	74,678	3,70,396	36.6	0.02390	77,166	3,82,172	35.0
45—50 . . .	0.03114	77,273	3,80,740	29.5	0.01785	73,386	3,63,870	32.2	0.02471	75,553	3,73,383	30.7
50—55 . . .	0.04014	74,867	3,67,377	25.4	0.03231	72,076	3,54,995	27.7	0.03647	73,686	3,52,174	26.4
55—60 . . .	0.04924	71,861	3,51,038	21.4	0.03337	69,747	3,43,282	23.5	0.04216	70,999	3,48,059	22.3
60—65 . . .	0.10376	68,323	3,24,894	17.3	0.08026	67,419	3,24,405	19.3	0.09760	68,005	3,24,405	18.1
65—70 . . .	0.12821	61,234	2,87,575	14.0	0.09011	62,008	2,96,895	15.8	0.10555	61,353	2,91,415	14.8
70+ . . .	1.00000	53,383	5,70,819	10.7	1.00000	56,421	6,79,769	12.0	1.00000	54,829	6,17,024	11.2
Urban												
0—1 . . .	0.07120	1,00,000	94,845	62.3	0.07720	1,00,000	94,411	63.7	0.07420	1,00,000	94,628	63.0
1—5 . . .	0.02623	92,880	3,66,904	66.0	0.03575	92,280	3,62,927	68.0	0.03082	92,580	3,64,874	67.0
5—10 . . .	0.00718	90,444	4,50,963	63.8	0.00916	88,981	4,42,971	66.4	0.00807	89,727	4,46,972	65.0
10—15 . . .	0.00568	89,794	4,47,397	59.2	0.00409	88,166	4,39,754	62.0	0.00489	89,003	4,44,105	60.6
15—20 . . .	0.00817	89,284	4,44,788	54.5	0.00359	87,805	4,37,807	57.2	0.00588	88,567	4,41,336	55.8
20—25 . . .	0.01015	88,555	4,40,604	50.0	0.00598	87,490	4,35,992	52.4	0.00718	88,047	4,39,010	51.2
25—30 . . .	0.01114	87,656	4,35,932	45.4	0.00995	86,967	4,32,660	47.7	0.01055	87,414	4,35,010	46.5
30—35 . . .	0.01223	86,680	4,30,931	40.9	0.01045	86,102	4,28,458	43.2	0.01144	86,492	4,30,205	42.0
35—40 . . .	0.01322	85,619	4,25,522	36.4	0.01183	85,202	4,23,503	38.6	0.01263	85,503	4,25,157	37.4
40—45 . . .	0.01844	84,488	4,18,804	31.9	0.01736	84,194	4,17,602	34.2	0.01756	84,423	4,18,775	32.9
45—50 . . .	0.02569	82,930	4,09,704	27.4	0.02295	82,732	4,09,204	29.6	0.02432	82,940	4,09,982	28.4
50—55 . . .	0.06233	80,799	3,92,228	23.1	0.04666	80,834	3,95,356	25.2	0.05476	80,923	3,94,249	24.0
55—60 . . .	0.08690	75,763	3,63,344	19.4	0.06768	77,062	3,73,072	21.4	0.07947	76,492	3,68,199	20.3
60—65 . . .	0.12211	69,179	3,25,905	16.0	0.09823	71,846	3,42,595	17.7	0.11060	70,413	3,33,663	16.8
65—70 . . .	0.14046	60,732	2,83,401	12.9	0.10962	64,789	3,07,187	14.4	0.12547	62,625	2,94,513	13.6
70+ . . .	1.00000	52,201	4,98,199	9.5	1.00000	57,687	6,22,429	10.8	1.00000	54,763	5,55,342	10.1
Combined												
0—1 . . .	0.09780	1,00,000	92,919	60.9	0.10660	1,00,000	92,282	60.2	0.10220	1,00,000	92,601	60.5
1—5 . . .	0.03841	90,220	3,54,330	66.5	0.06816	89,340	3,45,793	66.3	0.05261	89,780	3,50,135	66.3
5—10 . . .	0.00837	86,755	4,32,224	65.0	0.01460	83,251	4,13,421	67.0	0.01144	85,057	4,23,065	65.9
10—15 . . .	0.00399	86,029	4,29,067	60.6	0.00817	82,035	4,08,675	62.9	0.00583	84,034	4,18,993	61.6
15—20 . . .	0.00857	85,685	4,26,932	55.8	0.00658	81,365	4,05,592	58.4	0.00767	83,589	4,16,318	57.0
20—25 . . .	0.01094	84,951	4,22,438	51.2	0.00956	80,830	4,02,464	53.8	0.00971	82,948	4,13,039	52.4
25—30 . . .	0.01233	84,022	4,17,736	46.8	0.01381	80,057	3,97,692	49.3	0.01223	82,143	4,08,376	47.9
30—35 . . .	0.01470	82,986	4,12,124	42.3	0.01495	78,951	3,92,133	45.0	0.01485	81,138	4,02,977	43.5
35—40 . . .	0.01756	81,766	4,05,595	37.9	0.01618	77,771	3,85,992	40.6	0.01657	79,933	3,96,555	39.1
40—45 . . .	0.01991	80,330	3,97,853	33.6	0.01746	76,513	3,79,520	36.2	0.01933	78,609	3,89,617	34.7
45—50 . . .	0.02978	78,731	3,88,178	29.2	0.01883	75,177	3,72,520	31.8	0.02471	77,089	3,80,975	30.3
50—55 . . .	0.04455	76,386	3,73,955	25.0	0.03395	73,761	3,62,926	27.4	0.04014	75,184	3,68,936	26.0
55—60 . . .	0.05486	72,983	3,55,581	21.0	0.03531	71,257	3,50,429	23.2	0.04523	72,166	3,53,256	22.0
60—65 . . .	0.10701	68,979	3,27,482	17.1	0.08598	68,741	3,29,818	19.0	0.10005	68,902	3,28,270	17.9
65—70 . . .	0.13005	61,598	2,88,989	13.8	0.09149	62,830	3,00,646	15.5	0.10989	62,009	2,93,966	14.6
70+ . . .	1.00000	53,587	5,63,835	10.5	1.00000	57,082	6,75,049	11.8	1.00000	55,194	6,11,506	11.1

Abridged Life Table—RAJASTHAN—Rural, Urban and Combined—1976-80

Age-Interval	Male				Female				Person			
	n^q_x	l_x	nL_x	e^o_x	n^q_x	l_x	nL_x	e^o_x	n^q_x	l_x	eL_x	e^o_x
Rural												
0-1	0.13620	1,00,000	90,139	49.6	0.13960	1,00,000	89,893	51.6	0.13760	1,00,000	90,038	50.3
1-5	0.10026	86,380	3,28,920	56.4	0.08589	86,040	3,30,057	59.0	0.09347	86,240	3,29,552	57.3
5-10	0.02364	77,720	3,84,370	58.4	0.03366	78,650	3,87,041	60.3	0.02832	78,179	3,85,720	59.0
10-15	0.01124	75,882	3,77,397	54.8	0.01094	76,003	3,77,941	57.3	0.01114	75,965	3,77,791	55.6
15-20	0.01124	75,029	3,73,155	50.4	0.02207	75,171	3,71,979	52.9	0.01628	75,119	3,72,846	51.2
20-25	0.01218	74,186	3,68,810	45.9	0.02383	73,512	3,63,443	49.0	0.01849	73,896	3,66,310	47.0
25-30	0.01322	73,282	3,64,208	41.4	0.02501	71,760	3,54,689	45.2	0.02099	72,530	3,59,056	42.8
30-35	0.01430	72,314	3,59,057	37.0	0.02628	69,966	3,45,620	41.3	0.02378	71,007	3,51,050	38.7
35-40	0.02549	71,280	3,52,115	32.5	0.02759	68,127	3,36,247	37.3	0.02696	69,319	3,42,277	34.6
40-45	0.03221	69,463	3,42,109	28.2	0.02900	66,247	3,26,730	33.3	0.03056	67,450	3,32,462	30.5
45-50	0.05020	67,225	3,28,279	24.1	0.03114	64,326	3,16,949	29.2	0.04129	65,389	3,20,652	26.3
50-55	0.09322	63,851	3,05,238	20.2	0.05846	62,323	3,03,112	25.0	0.07673	62,689	3,02,142	22.4
55-60	0.12680	57,898	2,72,110	17.0	0.06205	58,680	2,84,904	21.4	0.09641	57,879	2,76,241	19.0
60-65	0.17425	50,557	2,31,708	14.1	0.14228	55,039	2,56,582	17.7	0.15896	52,298	2,41,668	15.7
65-70	0.24091	41,747	1,84,336	11.6	0.19928	47,208	2,13,420	15.2	0.21980	43,985	1,96,583	13.2
70+	1.00000	31,690	2,98,343	9.4	1.00000	37,800	5,03,197	13.3	1.00000	34,317	3,84,636	11.2
Urban												
0-1	0.06600	1,00,000	95,222	59.8	0.06920	1,00,000	94,990	61.1	0.06720	1,00,000	95,135	60.3
1-5	0.04398	93,400	3,65,782	62.6	0.05599	93,080	3,62,416	64.6	0.04983	93,280	3,64,274	63.6
5-10	0.01292	89,292	4,43,714	61.4	0.01697	87,868	4,26,002	64.3	0.01490	88,632	4,40,205	62.8
10-15	0.00618	88,139	4,39,271	57.2	0.00827	86,377	4,30,326	60.4	0.00708	87,311	4,35,326	58.7
15-20	0.00807	87,594	4,36,347	52.6	0.01154	85,663	4,26,099	55.9	0.00966	86,693	4,31,678	54.1
20-25	0.00946	86,887	4,32,606	48.0	0.01223	84,674	4,20,963	51.5	0.01045	85,856	4,27,234	49.6
25-30	0.01104	86,065	4,27,999	43.4	0.01297	83,639	4,15,631	47.1	0.01233	84,958	4,22,394	45.1
30-35	0.01421	85,115	4,22,896	38.8	0.01460	82,554	4,09,962	42.7	0.01450	83,911	4,16,681	40.7
35-40	0.01824	83,905	4,15,879	34.4	0.01647	81,349	4,03,559	38.3	0.01706	82,694	4,10,105	36.2
40-45	0.02774	82,375	4,06,598	30.0	0.01854	80,009	3,96,622	33.9	0.02334	81,283	4,01,940	31.8
45-50	0.04264	80,090	3,92,533	25.7	0.02618	78,526	3,87,887	29.4	0.03463	79,386	3,90,504	27.5
50-55	0.06506	76,675	3,71,719	21.8	0.04972	76,470	3,73,485	25.2	0.05780	76,637	3,72,864	23.4
55-60	0.11302	71,686	3,39,280	18.1	0.07785	72,668	3,50,073	21.4	0.09660	72,207	3,44,627	19.7
60-65	0.17400	63,584	2,91,457	15.0	0.09832	67,011	3,19,519	17.9	0.13697	65,232	3,04,944	16.5
65-70	0.24114	52,521	2,31,872	12.7	0.19683	60,422	2,73,525	14.6	0.21685	56,297	2,52,025	13.7
70+	1.00000	39,856	4,33,499	10.9	1.00000	48,529	6,07,983	12.5	1.00000	44,089	5,17,845	11.8
Combined												
0-1	0.12580	1,00,000	90,892	51.0	0.12960	1,00,000	90,617	53.0	0.12740	1,00,000	90,776	51.9
1-5	0.09164	87,420	3,34,356	57.4	0.08106	87,040	3,34,699	59.8	0.08662	87,260	3,34,593	58.4
5-10	0.02178	79,409	3,93,074	58.9	0.03085	79,985	3,94,173	60.9	0.02618	79,702	3,93,696	59.7
10-15	0.01035	77,679	3,86,529	55.2	0.01055	77,517	3,85,757	57.8	0.01035	77,615	3,86,209	56.3
15-20	0.01075	76,875	3,82,597	50.7	0.02021	76,699	3,79,924	53.4	0.01509	76,812	3,81,279	51.8
20-25	0.01149	76,049	3,78,269	46.3	0.02148	75,149	3,71,936	49.4	0.01746	75,653	3,75,254	47.6
25-30	0.01233	75,175	3,73,754	41.8	0.02344	73,535	3,63,641	45.4	0.01756	74,332	3,66,647	43.4
30-35	0.01426	74,248	3,68,913	37.2	0.02466	71,811	3,54,883	41.4	0.01947	73,026	3,61,787	39.1
35-40	0.02432	73,189	3,61,782	32.8	0.02598	70,040	3,45,941	37.4	0.02457	71,605	3,53,989	34.9
40-45	0.03153	71,409	3,51,803	28.5	0.02735	68,221	3,36,794	33.4	0.02949	69,845	3,44,434	30.7
45-50	0.04905	69,158	3,37,868	24.3	0.03056	66,355	3,27,065	29.2	0.04023	67,786	3,32,562	26.5
50-55	0.08874	65,766	3,15,122	20.5	0.05723	64,327	3,13,048	25.1	0.07357	65,058	3,14,065	22.5
55-60	0.12477	59,930	2,81,954	17.2	0.06477	60,646	2,94,013	21.4	0.09641	60,272	2,87,665	19.1
60-65	0.17375	52,452	2,40,464	14.3	0.13558	56,718	2,65,348	17.7	0.15521	54,461	2,52,176	15.9
65-70	0.24107	43,339	1,91,349	11.7	0.19895	49,028	2,21,684	15.1	0.21932	46,008	2,05,678	13.3
70+	1.00000	32,891	3,16,381	9.6	1.00000	39,274	5,17,714	13.2	1.00000	35,918	4,05,668	11.3

Abridged life Table—TAMIL NADU—Rural, Urban and Combined—1976-80

Age-Interval	Male				Female				Person			
	n^q_x	l_x	nL_x	e^0_x	n^q_x	l_x	nL_x	e^0_x	n^q_x	l_x	nL_x	e^0_x
Rural												
0—1 . . .	0·11980	1,00,000	91,326	51·2	0·10880	1,00,000	92,123	50·9	0·11440	1,00,000	91,717	51·0
1—5 . . .	0·07977	88,020	3,38,705	57·1	0·09463	89,120	3,40,332	56·1	0·08717	88,560	3,39,480	56·6
5—10 . . .	0·02139	80,999	4,01,056	57·8	0·02295	80,687	3,99,086	57·7	0·02207	80,840	4,00,032	57·8
10—15 . . .	0·00976	79,266	3,94,713	54·0	0·00896	78,835	3,92,422	54·0	0·00936	79,056	3,93,598	54·0
15—20 . . .	0·01539	78,492	3,89,677	49·6	0·01746	78,128	3,87,535	49·5	0·01637	78,316	3,88,495	49·5
20—25 . . .	0·01677	77,284	3,83,450	45·3	0·01913	76,764	3,80,441	45·3	0·01795	77,034	3,81,978	45·3
25—30 . . .	0·01824	75,988	3,76,638	41·0	0·02099	75,295	3,72,750	41·2	0·01972	75,651	3,74,835	41·1
30—35 . . .	0·02168	74,602	3,69,265	36·7	0·02168	73,715	3,64,874	37·0	0·02168	74,159	3,67,072	36·9
35—40 . . .	0·02900	72,985	3,59,960	32·5	0·02647	72,117	3,56,146	32·8	0·02754	72,552	3,58,078	32·6
40—45 . . .	0·03589	70,868	3,48,420	28·4	0·03318	70,208	3,45,625	28·6	0·03454	70,554	3,47,140	28·5
45—50 . . .	0·05666	68,325	3,32,585	24·3	0·04810	67,879	3,31,806	24·5	0·05239	68,117	3,32,275	24·4
50—55 . . .	0·07720	64,454	3,10,601	20·6	0·07283	64,614	3,12,057	20·6	0·07506	64,548	3,11,374	20·6
55—60 . . .	0·12078	59,478	2,80,396	17·1	0·12326	59,908	2,82,057	17·0	0·12202	59,703	2,81,273	17·0
60—65 . . .	0·17727	52,294	2,39,292	14·1	0·18093	52,524	2,39,857	14·0	0·17910	52,418	2,39,614	14·0
65—70 . . .	0·24878	43,024	1,89,108	11·6	0·25573	43,021	1,88,320	11·5	0·25207	43,030	1,88,768	11·6
70+ . . .	1·00000	32,320	3,10,415	9·6	1·00000	32,019	3,06,050	9·6	1·00000	32,183	3,08,330	9·6
Urban												
0—1 . . .	0·07280	1,00,000	94,729	59·2	0·06680	1,00,000	95,164	59·9	0·07000	1,00,000	94,932	59·7
1—5 . . .	0·03586	92,720	3,64,577	62·8	0·04877	93,320	3,64,681	63·2	0·04057	93,000	3,64,895	63·2
5—10 . . .	0·00946	89,395	4,45,093	61·1	0·01154	88,769	4,41,548	62·4	0·01045	89,227	4,44,010	61·8
10—15 . . .	0·00598	88,549	4,41,271	56·7	0·00718	87,744	4,37,503	58·0	0·00558	88,295	4,40,135	57·4
15—20 . . .	0·00946	88,020	4,38,246	52·0	0·00966	87,114	4,33,776	53·4	0·00956	87,714	4,36,741	52·7
20—25 . . .	0·01183	87,187	4,33,372	47·5	0·01050	86,273	4,29,320	48·9	0·01081	86,875	4,32,774	48·2
25—30 . . .	0·01480	86,156	4,27,888	43·0	0·01144	85,367	4,24,608	44·4	0·01223	85,936	4,27,234	43·7
30—35 . . .	0·01499	84,881	4,21,312	38·6	0·01243	84,390	4,19,589	39·9	0·01381	84,885	4,21,677	39·2
35—40 . . .	0·01756	83,608	4,14,735	34·2	0·01539	83,341	4,13,750	35·4	0·01647	83,713	4,15,285	34·7
40—45 . . .	0·03444	82,140	4,04,129	29·7	0·02998	82,059	4,04,625	30·9	0·03240	82,334	4,05,413	30·3
45—50 . . .	0·04408	79,311	3,88,449	25·7	0·03560	79,599	3,91,397	26·8	0·04004	79,666	3,90,912	26·2
50—55 . . .	0·06750	75,815	3,67,111	21·7	0·06703	76,765	3,71,789	22·6	0·06722	76,476	3,70,371	22·2
55—60 . . .	0·09851	70,698	3,37,097	18·1	0·09139	71,619	3,42,686	19·1	0·09532	71,336	3,40,667	18·6
60—65 . . .	0·15990	63,733	2,94,366	14·8	0·14011	65,074	3,03,715	15·7	0·15006	64,536	2,99,637	15·3
65—70 . . .	0·22431	53,542	2,38,674	12·1	0·19528	55,957	2,53,531	12·9	0·21004	54,852	2,46,492	12·5
70+ . . .	1·00000	41,532	4,11,047	9·9	1·00000	45,029	4,67,013	10·4	1·00000	43,331	4,38,303	10·1
Combined												
0—1 . . .	0·10640	1,00,000	92,297	53·5	0·09720	1,00,000	92,963	53·4	0·10220	1,00,000	92,601	53·4
1—5 . . .	0·06756	89,360	3,45,969	58·8	0·08202	90,280	3,46,990	58·1	0·07476	89,780	3,46,334	58·5
5—10 . . .	0·01785	83,323	4,13,142	58·9	0·01962	82,875	4,10,609	59·1	0·01864	83,068	4,11,805	59·0
10—15 . . .	0·00867	81,836	4,07,767	54·9	0·00857	81,249	4,04,829	55·2	0·00857	81,520	4,06,176	55·1
15—20 . . .	0·01351	81,126	4,02,946	50·4	0·01509	80,553	3,99,850	50·7	0·01421	80,821	4,01,562	50·5
20—25 . . .	0·01430	80,030	3,97,371	46·0	0·01593	79,337	3,93,721	46·4	0·01504	79,673	3,95,470	46·2
25—30 . . .	0·01509	78,886	3,91,573	41·7	0·01677	78,074	3,87,365	42·1	0·01588	78,474	3,89,429	41·9
30—35 . . .	0·01942	77,695	3,84,908	37·3	0·01893	76,764	3,80,405	37·8	0·01923	77,228	3,82,757	37·5
35—40 . . .	0·02520	76,186	3,76,450	33·0	0·02325	75,311	3,72,550	33·5	0·02422	75,743	3,74,387	33·2
40—45 . . .	0·03550	74,266	3,65,161	28·8	0·03240	73,560	3,62,211	29·2	0·03395	73,909	3,63,651	29·0
45—50 . . .	0·05296	71,630	3,49,312	24·7	0·04475	71,177	3,48,486	25·1	0·04896	71,399	3,48,873	24·9
50—55 . . .	0·07422	67,836	3,27,362	20·9	0·07115	67,992	3,28,641	21·1	0·07283	67,904	3,27,946	21·0
55—60 . . .	0·11446	62,802	2,97,036	17·4	0·11454	63,154	2,98,665	17·6	0·11443	62,958	2,97,699	17·5
60—65 . . .	0·17233	55,613	2,55,161	14·3	0·16879	55,920	2,57,048	14·5	0·17039	55,754	2,56,052	14·4
65—70 . . .	0·24168	46,030	2,03,149	11·8	0·23936	46,482	2,05,425	11·9	0·24052	46,254	2,04,279	11·8
70+ . . .	1·00000	34,905	3,37,900	9·7	1·00000	35,356	3,47,169	9·8	1·00000	35,129	3,42,856	9·8

Abridged Life Table—UTTAR PRADESH—Rural, Urban and Combined—1976-80

Age-Interval	Male				Female				Person			
	n^q_x	l_x	nL_x	e^0_x	n^q_x	l_x	nL_x	e^0_x	n^q_x	l_x	nL_x	e^0_x
Rural												
0—1 . . .	0.16040	1,00,000	88,387	47.6	0.19160	1,00,000	86,128	42.6	0.17540	1,00,000	87,301	45.2
1—5 . . .	0.10942	83,960	3,18,216	55.7	0.17401	80,840	2,96,022	51.7	0.14005	82,460	3,07,551	53.7
5—10 . . .	0.02374	74,773	3,69,815	58.2	0.03366	66,773	3,28,594	58.1	0.02842	70,911	3,49,879	58.2
10—15 . . .	0.01114	72,998	3,63,035	54.6	0.01183	64,525	3,20,729	55.1	0.01144	68,896	3,42,684	54.8
15—20 . . .	0.01203	72,185	3,58,836	50.2	0.02188	63,762	3,15,637	50.7	0.01470	68,108	3,38,239	50.4
20—25 . . .	0.01302	71,316	3,54,404	45.8	0.02462	62,367	3,08,328	46.8	0.02070	67,107	3,32,323	46.1
25—30 . . .	0.01421	70,388	3,49,724	41.3	0.02764	60,832	3,00,247	42.9	0.02080	65,718	3,25,459	42.0
30—35 . . .	0.01628	69,388	3,44,400	36.9	0.02764	59,150	2,91,948	39.0	0.02227	64,351	3,18,465	37.8
35—40 . . .	0.02432	68,258	3,37,406	32.4	0.02764	57,515	2,83,879	35.0	0.02598	62,918	3,10,761	33.6
40—45 . . .	0.04446	66,598	3,26,095	28.2	0.03695	55,926	2,74,794	31.0	0.04110	61,283	3,00,565	29.5
45—50 . . .	0.04867	63,637	3,10,965	24.4	0.03724	53,859	2,64,606	27.2	0.04302	58,764	2,87,932	25.6
50—55 . . .	0.08007	60,540	2,91,312	20.5	0.06430	51,853	2,51,446	23.0	0.07264	56,236	2,71,609	21.7
55—60 . . .	0.14877	55,692	2,58,756	17.0	0.09203	48,519	2,32,080	19.4	0.12220	52,151	2,45,678	18.2
60—65 . . .	0.17802	47,407	2,16,840	14.6	0.15264	44,054	2,04,265	16.1	0.16575	45,778	2,10,771	15.3
65—70 . . .	0.23812	38,968	1,72,344	12.2	0.24254	37,330	1,64,676	13.5	0.23982	38,191	1,68,734	12.8
70+ . . .	1.00000	29,689	3,01,530	10.2	1.00000	28,276	3,40,179	12.0	1.00000	29,032	3,21,148	11.1
Urban												
0—1 . . .	0.10800	1,00,000	92,181	55.7	0.11280	1,00,000	91,833	54.3	0.11140	1,00,000	91,935	54.9
1—5 . . .	0.05599	89,200	3,47,309	61.4	0.07777	88,720	3,41,741	60.2	0.06654	88,860	3,44,164	60.7
5—10 . . .	0.01588	84,206	4,17,871	61.0	0.02227	81,820	4,04,919	61.0	0.01883	82,947	4,11,025	60.9
10—15 . . .	0.00718	82,869	4,1,3192	56.9	0.01183	79,998	3,97,638	57.4	0.00936	81,385	4,05,195	57.0
15—20 . . .	0.00886	82,274	4,09,019	52.3	0.01578	79,052	3,92,276	53.0	0.01213	80,624	4,00,805	52.5
20—25 . . .	0.00926	81,545	4,05,969	47.7	0.01672	77,804	3,86,020	48.8	0.01430	79,646	3,95,463	48.1
25—30 . . .	0.01213	80,789	4,01,630	43.2	0.01775	76,503	3,79,312	44.6	0.01470	78,507	3,89,881	43.8
30—35 . . .	0.01815	79,809	3,95,777	38.7	0.01982	75,145	3,72,346	40.4	0.01883	77,353	3,83,303	39.4
35—40 . . .	0.01864	78,361	3,88,470	34.3	0.02119	73,656	3,64,666	36.2	0.02090	75,896	3,75,884	35.1
40—45 . . .	0.04014	76,900	3,77,357	29.9	0.02403	72,095	3,56,471	31.9	0.03260	74,310	3,65,937	30.8
45—50 . . .	0.04624	73,814	3,60,573	26.1	0.03492	70,363	3,46,066	27.6	0.04292	71,887	3,52,215	26.8
50—55 . . .	0.07180	70,179	3,39,088	22.3	0.05267	67,906	3,31,166	23.5	0.06318	68,802	3,33,864	22.8
55—60 . . .	0.10548	65,140	3,09,503	18.8	0.09231	64,329	3,07,680	19.6	0.09951	64,455	3,07,180	19.2
60—65 . . .	0.15298	58,269	2,70,121	15.7	0.15272	58,391	2,70,719	16.4	0.15264	58,041	2,69,119	16.0
65—70 . . .	0.20204	49,355	2,22,782	13.0	0.21501	49,473	2,21,703	13.9	0.20795	49,182	2,21,275	13.4
70+ . . .	1.00000	39,383	4,21,393	10.7	1.00000	38,836	4,64,215	12.0	1.00000	38,954	4,40,063	11.3
Combined												
0—1 . . .	0.15420	1,00,000	88,836	48.5	0.18340	1,00,000	86,722	43.8	0.16880	1,00,000	87,779	46.2
1—5 . . .	0.10373	84,580	3,21,491	56.3	0.16362	81,660	3,00,725	52.6	0.13217	83,120	3,11,305	54.6
5—10 . . .	0.02276	75,807	3,75,077	58.6	0.03231	68,299	3,36,392	58.5	0.02725	72,134	3,56,096	58.6
10—15 . . .	0.01085	74,081	3,68,707	54.9	0.01174	66,092	3,28,780	55.3	0.01114	70,168	3,48,962	55.1
15—20 . . .	0.01164	73,277	3,64,508	50.4	0.02109	65,316	3,23,361	51.0	0.01440	69,387	3,44,541	50.7
20—25 . . .	0.01253	72,424	3,60,110	46.0	0.02349	63,939	3,16,193	47.0	0.01962	68,388	3,38,829	46.4
25—30 . . .	0.01391	71,517	3,55,286	41.6	0.02618	62,437	3,08,414	43.1	0.01982	67,046	3,32,212	42.3
30—35 . . .	0.01657	70,522	3,49,866	37.1	0.02725	60,802	3,00,155	39.2	0.02168	65,717	3,25,284	38.1
35—40 . . .	0.02344	69,354	3,42,964	32.7	0.02725	59,145	2,91,976	35.2	0.02520	64,292	3,17,679	33.9
40—45 . . .	0.04388	67,728	3,31,686	28.4	0.03579	57,534	2,82,847	31.1	0.03869	62,672	3,07,713	29.7
45—50 . . .	0.04876	64,756	3,16,383	24.6	0.03676	55,474	2,72,626	27.1	0.04292	60,247	2,95,184	25.8
50—55 . . .	0.07905	61,599	2,96,551	20.7	0.06242	53,435	2,59,364	23.1	0.07152	57,661	2,78,645	21.8
55—60 . . .	0.14306	56,729	2,64,354	17.3	0.09194	50,100	2,39,655	19.4	0.11954	53,537	2,52,560	18.3
60—65 . . .	0.17484	48,614	2,22,735	14.7	0.15281	45,494	2,10,919	16.1	0.16423	47,138	2,17,211	15.4
65—70 . . .	0.23398	40,114	1,77,830	12.3	0.23959	38,542	1,70,310	13.6	0.23625	39,396	1,74,426	12.9
70+ . . .	1.00000	30,728	3,14,643	10.2	1.00000	29,308	3,52,423	12.0	1.00000	30,089	3,33,949	11.1

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