



# **Life Tables for Sri Lanka and Districts, 2000 - 2002**

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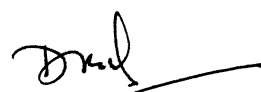
## Preface

Life table is an important analytical tool in understanding the mortality situation of a population. It answers many questions that cannot answer with simple measures of rates and ratios. Implications from life table measures have immense practical importance in many disciplines such as health, education, insurance and actuarial sciences.

This report presents life tables for Sri Lanka as well as for the districts with some analysis. Data needed for computations are drawn from the last Census of Population and Housing conducted in 2001 and the registered births and deaths for the period 2000 to 2002. But due to non availability of realistic bench mark data on age distribution for each district in Northern Province, life tables have produced for Northern Province as a whole and not by its districts.

This study was planned and the report has been prepared by Mr. H.R. Gunasekera, Director of the Department of Census and Statistics.

I earnestly hope that the information presented in this report on life tables for Sri Lanka and its districts would promote active efforts in improving the understanding of the mortality situation of Sri Lanka.



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## **Abstract**

This report presents complete and abridged life tables for Sri Lanka for the period 2000-2002. This period is selected since it centers the year of the last Population Census conducted in 2001. It also gives abridged life tables for districts. But due to the non availability of realistic age distribution for each district in Northern Province, life tables have computed for the Northern Province as a whole and not by its districts. Calculation of life table was done using the software package Mortpak-lite developed by United Nations.

Life expectancy at birth for Sri Lanka which is interpreted as the average length of life of a person is 68.8 years for males and 77.2 years for females. These figures exceed substantially with corresponding figures for less developed countries as well as for South-Central Asia region. The levels more resemble with that of Europe rather than Asia. The female advantage in life expectancy at birth for Sri Lanka is 8.4 years which is unusually high for a developing country. Precise explanations of this significant gender difference need further research because of the apparent complex interplay of biological, social, behavioural and health conditions. The life expectancy at age 60 years has risen over time and a female aged 60 in 2001 is expected to live further 22 years. However the pace of increase is low for males. Higher level of survival chances at old ages coupled with the fertility declines will result increasing population of the elderly, commonly known as population ageing. It is expected that the level of life expectancy at birth will reach 71.1 years for males and 80.8 years for females in 2016.

Examination of district variation reveals that the life expectancy at birth is highest for Hambantota district followed by Moneragala district. This is true for both males and females. Interestingly, these two districts are considered as more remote and less urbanized areas in Sri Lanka. One salient feature in the district pattern of mortality is the very low value of male life expectancy for Northern Province (59.9 years). This could most probably due to the deaths occur as a result of civil war prevailing in Northern Province. Colombo district too records low level of life expectancy at birth for both males and females. This is mainly due to the higher occurrence of deaths in Colombo as a result of the presence of strong network of hospitals and health facilities run by both government and private sectors.

## 1. Introduction

Life table is simply an elegant and convenient way of analysing age-specific death rates. The technique is now used in several other areas, where it is often called “survival analysis”. Life tables answer many questions that can not answer with simple measures of rates and ratios. For example it provides solution to questions like “Out of 1000 persons who were 40 years old in 2001, how many are likely to live to age 70?” or “Immediately after birth in 2001, how many years could a child expect to live” or “Among young men and women entering the labour force at ages 20-24, what proportion can be expected to be alive at age 60 (time of retirement)?” Of those who do begin to collect pension at age 60 how many can be expected to survive for 10 more years? Questions of this nature have immense practical importance in many disciplines, such as education, health, insurance and actuarial science. Life tables provide summary measures of the level of mortality independent of the age composition which can therefore be used for comparing the mortality levels of different populations.

Sri Lanka has a long history in preparing life tables. The first one was published in 1888. Life tables have been usually prepared for Census years since 1901, taking 3 year periods around each of the Census years. The exceptions were 1931 and 1953. The last published official life table for Sri Lanka is for the period 1980 -1982.

This report presents the abridged and complete life tables for Sri Lanka as well as abridged life tables for the districts. It is organized into several sections following this introduction. Section 2 describes the data sources of the construction of the life tables with limitations and section 3 explains the methodology. Some analysis of life tables and district patterns of mortality are discussed in section 4. Section 5 presents the life tables for Sri Lanka and for the districts.

## 2. Data Sources and Limitations

The basic inputs for construction of life tables are age-specific mortality rates. The data required to obtain such rates are,

- i) the distribution of population by age and sex
- ii) the distribution of deaths by age and sex  
for Sri Lanka and for each of the districts.

The age-sex distribution is obtained from the Census of Population and Housing 2001. The deaths registered by age and sex are taken from the Civil Registration System for a three year period, rather than a single year, in order to eliminate irregularities and annual fluctuations. The period 2000-2002 is selected since it centres the year of the last population Census, 2001.

Obviously, the accuracy of the age-specific mortality rates is affected by the accuracy of the age-sex distribution of population and deaths. Errors in age-sex distribution of population can arise due to coverage and content errors. As the Census 2001 could not be conducted island wide, age-sex distribution for Sri Lanka and certain regions/districts needs to be estimated. The procedure is outlined in section 3.1 below.

A common form of content error is the misreporting of age-sex data. The quality of such data has been found to be very high. Compared to some of the countries in SAARC region as well as some other developing Asian countries, Sri Lanka records the highest accurate age-sex data (Gunasekera, 2005). Most of the districts show high accuracies in age sex data. However 6 districts viz. Hambantota, Ampara, Moneragala, Polonnaruwa, Puttalam and Matale should receive additional measures to achieve greater accuracy in future. U.N. Age-sex accuracy index for districts are shown in Table A in Appendix C.

Unfortunately no recent reliable evidence is available to assess the completeness of deaths registration in Sri Lanka. However, a survey carried out in 1982 reported that



the completeness of the death registration in the country is 94 percent. (Department of Census and Statistics, 1984)

### 3. Methodology

Life tables can be classified in two ways according to the length of the age interval in which data are presented. A complete life table contains data for every single year of age. An abridged life table, on the other hand, typically contains data by 5-year age intervals. In this study both abridged and complete life tables are constructed, but the latter is limited to Sri Lanka only.

The basic input to the construction of the life table is the set of age specific mortality rates from which all other columns are derived. The notation used here for different columns of the life table is given below.

$x$	: exact age
$(x, x + n)$	: age group with initial age $x$ with the length of interval $n$
${}_n m_x$	: age-specific death rate for age interval $(x, x + n)$
${}_n q_x$	: probability of an individual age $x$ dying before the end of the age interval $(x, x + n)$
$l_x$	: number of survivors at age $x$ in a life table with radix (starting population) of 100,000 persons
${}_n d_x$	: number of deaths in age interval $(x, x + n)$
${}_n L_x$	: number of person-years lived in age interval $(x, x + n)$
${}_n S_x$	: the proportion of the life table population in age group $(x, x + n)$ who are alive $n$ years later.
$T_x$	: number of person-years lived at ages $x$ and older.
$e_x$	: expectation of life at age $x$
${}_n a_x$	: average number of years lived in the age interval $(x, x + n)$ by those dying during that age interval

age-specific death rates are defined as;

$${}_n m_x = \frac{\text{number of deaths in the age group ( } x, x + n \text{)}}{\text{population of the age group at mid period}}$$

Two commonly used software packages available for computation of life tables are PAS, and Mortpak-Lite developed by U.S. Census Bureau and United Nations respectively. Considering the efficiency of smoothing procedures and the wide usage, Mortpak-Lite is selected to construct the life tables.

### **3.1 Age-Sex Distribution**

Census of Population 2001 was able to carry out successfully in 18 districts of Sri Lanka; among the districts in North and East only Ampara in Eastern province was covered completely. Substantial proportion of the rest of the two districts in Eastern province i.e. Trincomalee and Batticaloa, have been enumerated. On the other hand, out of the five districts in Northern province, Jaffna, Mullaitivu and Killinochchi could not be enumerated at all. Hence the age distribution for the districts in Northern and Eastern province, invariably, have to be estimated using simple demographic techniques. Due to the severity of coverage of the districts in Northern province, it is decided to estimate age distribution only for the Northern province as a whole and not by districts.

Calculation of age distribution for Northern province is done as follows.

- (a) Using the population estimates for Northern districts from Registrar Generals Department, total for the province is obtained.
- (b) Enumerated population in Northern province is tabulated by age and sex; total population is distributed by age groups using the estimated age composition.

(c) Overall sex ratio obtained from step (b) is used to estimate the total males and females; age distribution for each sex is obtained by decomposing the total figure by age specific sex ratios.

Same procedure is applied to estimate the age distribution by sex for Batticaloa and Trincomalee districts in Eastern province. These estimated age distributions are added to the corresponding values of the 18 districts to obtain the total age distribution for Sri Lanka, as at Census date i.e. 17 July 2001.

The age distribution at mid 2001 is estimated in two stages. Firstly, the total population enumerated at the Census taken on 17 July 2001 is brought back to mid year by applying the growth rate for that year. Then, assuming the age composition remains unchanged during that 17 day period (i.e. 1 July –17 July), mid year age distribution is derived by distributing the total population according to the proportions by age groups obtained from the Census. Age distribution by sex is derived using the sex ratios. This procedure is applied to obtain mid year age distribution for Sri Lanka as well as for districts.

### 3.2 Age Specific Death Rates and Probabilities of Dying

The age specific death rates are obtained by dividing the average number of deaths for the 3 year period 2000-2002 by the population corresponding to each age group as at mid 2001.

Probabilities of dying ( ${}_nq_x$ ) is calculated from age specific death rates ( ${}_nm_x$ ) using the following formula.

$${}_nq_x = \frac{n \cdot {}_nm_x}{1 + (n - {}_na_x) {}_nm_x} \quad \text{with the notation given under section 3.}$$

For derivation of the formula see C.L. Chiang(1968).

${}_na_x$  values defined as the average number of years lived in the age interval (x, x+n) by those dying during that age interval are usually referred as separation factors.

Generally, the separation factors for ages 5 years and over are approximately half of the age interval. Separation factors for ages under 1 year and from 1 to 4 years are smaller than half of the age interval. This is due to the fact that mortality is high during the first year of life and declines rapidly up to the fifth year. Hence, the number of deaths is greater at the beginning of the age intervals (0-1) and (1-4) than at the end, and the time lived by those dying during an age interval is less than half of the age interval.

### 3.2.1 Estimation of Separation Factors

Separation factors for ages under 1 year and 1-4 years can be estimated by making use of detailed information on deceased infants/children. Infant deaths should be obtained by single days of age during the first week of life, by weeks of age during the first month of life and by months thereafter. On the other hand child deaths need to be available only by years. Separation factors, then, are a weighted average of the fraction of the year lived by those dying, weighted by number of infants/children dying at each age.

So,

$${}_1a_0 = \frac{\sum D_i t_i}{D} \quad i = \begin{cases} 1, \dots, 6 \text{ days} \\ 1, 2, 3 \text{ weeks} \\ 1, \dots, 11 \text{ months} \end{cases}$$

where  $D_i$  - the number of infants dying within age  $i$

$t_i$  - time lived from birth until the infant dies, expressed as a fraction of a year

$D$  - total number of infant deaths during the first year of life

Similarly

$${}_4a_1 = \frac{\sum D_i t_i}{D} \quad i = 1, \dots, 4 \text{ years}$$

The description for  $D_i$ ,  $t_i$  and  $D$  are the same as for  ${}_1a_0$  except the term infants is replaced by children. The separation factors for other age groups (5 and above) are obtained from the Mortpak-Lite package.

### 3.3 Smoothing of Age-Specific Probabilities of Dying and Construction of Life Tables

Age-specific mortality rates of males and females for Sri Lanka and districts have been converted to age-specific probabilities of dying using LIFTB routine of Mortpak - Lite. In the case of Sri Lanka,  ${}_1q_0$  and  ${}_4q_1$  are obtained using the separation factors computed as described in 3.2.1 for both males and females. The age pattern of  ${}_nq_x$  values for Sri Lanka and for each of the districts are shown in Figure A in Appendix A. The  ${}_nq_x$  values are to a very large extent free of gross irregularities and show quite a smooth pattern with age. It is very low at younger ages and gradually increases thereafter and sharply rises at the older ages. The pattern for males in Northern Province is an exception. The  ${}_nq_x$  values started to increase around age 10, further rise till around 20 years, reach a plateau till 25 years then gradually decline till 35 years and again reach the normal pattern. This deviation from normal pattern is very slightly seen for females too. This could most probably due to the deaths occur as a result of civil war prevailing in Northern Province. This abnormal pattern for males is only very marginally seen in Trincomalee and Batticaloa districts in Eastern Province. Minor deviations are found at the older ages. Kurunegala, Anuradhapura, Polonnaruwa and Trincomalee are examples as seen in Figure A in Appendix A.

Because of the minor irregularities at advance ages it was decided to smooth the age specific probabilities of dying. The smoothing was carried out using the UNABR routine of Mortpak-Lite which graduates a set of age specific probabilities of dying,  ${}_nq_x$ , for the standard set of five year age groups into a set of single year probabilities of dying. The graduation is carried and using the eight-parameter formula for the age curve of mortality known as Heligman and Pollard model ( Heligman and Pollard, 1980);

$${}_1q_x = A^{(x+B)^c} + De^{-E(\ln x - \ln F)^2} + \frac{GH^x}{1+GH^x}$$

where  ${}_1q_x$  = probability of a person age x dying before age ( x+1 )

A, B,.....H : parameters estimated by least-square criteria

The least square fitting criteria produces a smoothed set of  ${}_nq_x$  values and single year  ${}_1q_x$  values which aggregate to the smoothed  ${}_nq_x$  values. The fitted values of  ${}_nq_x$  for Sri Lanka and districts together with the observed values are shown in Figure A in Appendix A. These smoothed  ${}_nq_x$  values are taken as inputs for LIFTB routine of Mortpak-Lite to produce abridged life tables for Sri Lanka and districts. Complete life tables for Sri Lanka are also obtained.

#### 4. Some Analysis of Life Tables

Life expectancy at a given age is a very important measure derived from life tables. It can be interpreted as the average number of years a person expected to live subject to the prevalence of mortality conditions of a specified period throughout the life span. Hence, the life expectancy at birth is the average length of life of a person. Similarly, the life expectancy at age x is the average number of remaining years a persons who survive to age x has to live.

##### 4.1 Levels and Trends in Life Expectancy at Birth

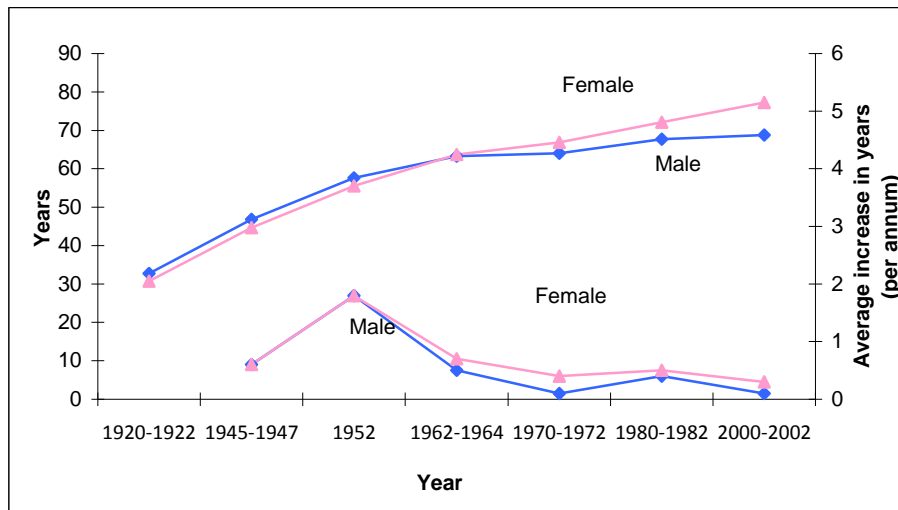
Table 1 shows the life expectancy at birth for Sri Lanka by sex for different years.

**Table 1 : Life expectancy at birth, Sri Lanka by sex, 1921-2001**

Year	Male	Female	Average increase in years per annum		Difference Male-Female
			Male	Female	
1920-1922	32.7	30.7			-2.0
1945-1947	46.8	44.7	0.6	0.6	-2.1
1952	57.6	55.5	1.8	1.8	-2.1
1962-1964	63.3	63.7	0.5	0.7	0.4
1970-1972	64.0	66.9	0.1	0.4	2.9
1980-1982	67.7	72.1	0.4	0.5	4.4
2000-2002	68.8	77.2	0.1	0.3	8.4

Source : Data for years prior to 2000-2002 are from Department of Census and Statistics (1991)

**Figure 1 : Life expectancy at birth, Sri Lanka by sex, 1921 - 2001**



Life expectancy at birth in Sri Lanka is 68.8 years for males and 77.2 years for females during 2000-2002 period. It has increased by 22 years for males and 32.5 years for females between 1946 and 2001. This indicates significant improvements in mortality patterns during the last few decades which is well known for Sri Lanka. As shown in Table 1, the most rapid improvement resulting to an average increase of 1.8 years per annum for both males and females was recorded in latter half of 1940's. The dramatic mortality decline during this period in Sri Lanka is well documented.

As expected the tempo of gains in life expectancy gradually retarded over time. It is to be noted that the average annual increases are lowest during 1981-2001 period. Particularly for males, life expectancy has increased by only 1.1 years (average increase per annum is 0.1 years) while for females the improvement is 5.1 years (average increase per annum is 0.3 years). The progress of male life expectancy therefore appears to have been almost stalled.

Gender differences exist in Sri Lanka's life expectancy at birth. Up to 1952 female are at a disadvantage that their life expectancy is less than that of males by about 2 years. One prominent feature is the change in the direction around early 1960's (Figure 1) due to improvements in female mortality. It also appeared that this female advantage is gradually increasing. For example, female life expectancy at birth is

higher than that of males by 2.9 years in 1971, 4.4 years in 1981 and the female advantage has risen to unprecedented 8.4 years in 2001.

#### 4.2 Comparisons of Life Expectancy at Birth with Other Countries

Life expectancy at birth for the world and for different regions are shown in Table 2 and Figure 2. Sri Lanka's figures for both males (68.8 years) and females (77.2 years) exceed substantially with corresponding figures for less developed countries as well as for South-Central Asia region. Comparison with regions shows that the levels more resemble with that of Europe rather than Asia.

**Table 2 : Life expectancy at birth by region, 2000-2005**

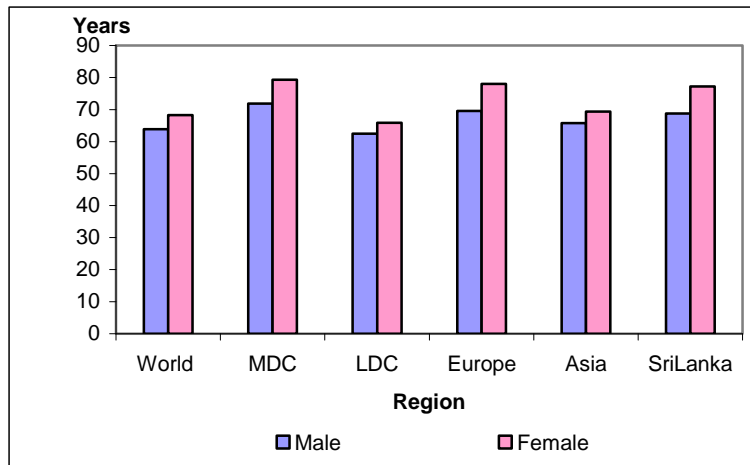
Region	Male	Female	Difference Female - Male
<b>World</b>	<b>63.9</b>	<b>68.3</b>	<b>4.4</b>
More Developed Countries	71.9	79.3	7.4
Less Developed Countries	62.5	65.9	3.4
Africa	50.3	52.8	2.5
Northern America	74.9	80.3	5.4
South America	68.1	75.2	7.1
<b>Asia</b>	<b>65.8</b>	<b>69.4</b>	<b>3.6</b>
Eastern Asia	71.3	75.2	3.9
South-Central Asia	61.5	64.1	2.6
South-Eastern Asia	66.0	71.0	5.0
Western Asia	66.1	70.6	4.5
Europe	69.6	78.0	8.4
Oceania	71.6	77.3	5.7

Source : World Population Prospects, 2006 Revision

Note : More Developed countries comprise of all nations in Europe, North America plus Japan, Australia and New Zealand. The remaining nations of the world are considered to be Less Developed countries (United Nations)



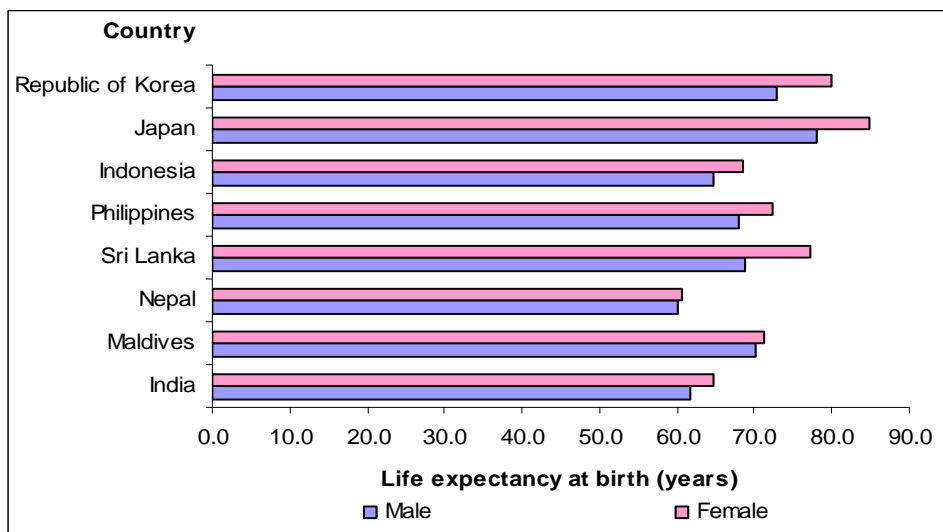
**Figure 2 : Life expectancy at birth by region 2000-2005**



MDC : More Developed Countries  
 LDC : Less Developed Countries

Life expectancies at birth by different selected countries are shown in Table 3 and Figure 3. Among the countries in SAARC region Sri Lanka has the highest female life expectancy at birth (77.2 years). Maldives recorded the highest values for males (70.1 years). While other Asian countries such as Philippines, Thailand and Indonesia have levels below Sri Lanka. Japan, Republic of Korea and Singapore enjoy higher longevity for both males and females. One salient feature is relatively higher value of female life expectancy and only three countries in Asia viz Japan, Republic of Korea and Singapore are ahead of Sri Lanka.

**Figure 3 : Life expectancy at birth by selected Asian countries**



**Table 3 : Life expectancy at birth by country**

Country	Year	Male	Female	Difference Female - Male
Sri Lanka	2000-2002	68.8	77.2	8.4
Afganistan**	2001	43.0	43.0	0.0
Bangladesh	2000-2005	61.8	63.4	1.6
Bhutan	2000-2005	61.5	63.9	2.4
India	2000-2005	61.7	64.7	3.0
Maldives**	2002	70.1	71.2	1.1
Nepal	2001	60.1	60.7	0.6
Pakistan*	2001	64.5	66.1	1.6
Japan*	2001	78.1	84.9	6.8
Republic of Korea*	2001	72.8	80.0	7.2
China**	2000	69.6	73.3	3.7
Malaysia**	2001	70.0	73.9	3.9
Singapore*	2001	76.4	80.3	3.9
Philippines	2000-2005	68.1	72.4	4.3
Thailand	2000-2005	66.0	73.7	7.7
Indonesia	2000-2005	64.6	68.6	4.0
France **	2001	75.5	82.9	7.4
Germany**	2002	75.9	81.5	5.6
Poland*	2000	69.7	77.9	8.2
Russian Federation	2004	58.9	72.3	13.4
Czech Republic*	2001	72.1	78.5	6.4
South Africa**	2001	51.8	56.7	4.9
U.S.A.*	2001	74.4	79.8	5.4
Brazil	2002	67.3	74.9	7.6

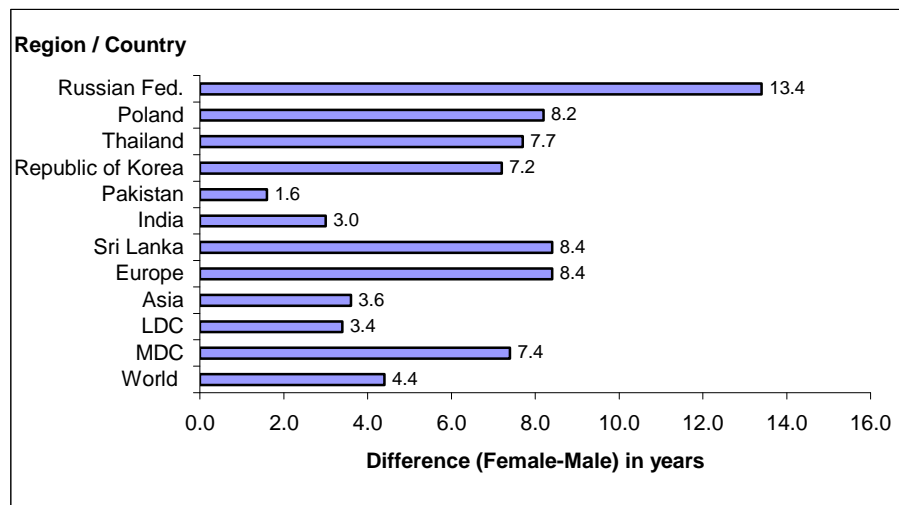
source : United Nations World Mortality Report 2005 and

\* Demographic Yearbook 2002

\*\* Demographic Yearbook 2003

With a handful of national exceptions, life expectancy at birth worldwide is higher for females than for their male counterparts. The average gap between the sexes is 7.4 years in more developed countries and 3.4 years in less developed countries (Table 2 and Figure 4). The female advantage is small in less developed countries due at least in part to high levels of maternal mortality. In some nations however the gap has widened with time and expected to see further widening in future.

**Figure 4 : Female advantage in life expectancy at birth, 2000-2005**



The female advantage in life expectancy at birth for Sri Lanka is 8.4 years which is unusually high for a developing country. This is even higher than the average gap that exists for more developed countries and exactly coincides with that of Europe. The gender gap exists in Sri Lanka is second to only few countries in the world such as Russian Federation (difference of 13.4 years). Precise explanations of the significant gender differences in life expectancy at birth need further research because of the apparent complex interplay of biological, social, behavioural and health conditions.

### 4.3 Life Expectancy at Older Ages

As infant and child mortality reach lower levels, improvements in average life expectancy are achieved primarily by declines in mortality among older segments of the population. An emerging feature in Sri Lanka is the extended length of life available at older ages.

**Table 4 : Life expectancy at age 60 years by sex, 1921-2001**

Year	Male	Female
1920-1922	11.5	10.6
1945-1947	14.3	14.5
1952	16.0	14.9
1962-1964	16.6	17.0
1970-1972	16.6	17.8
1980-1982	18.0	20.0
2000-2002	17.7	21.6

Source : See Table 1

As shown in Table 4, the life expectancy at age 60 years has risen over the time. In the 1920's a female reaching the age 60 could expect to live around 11 more years. On the other hand, female aged 60 in 2001 is expected live further 22 years. The pace of increase is low for males. The additional years beyond aged 60 for males seem to have stabilized around 18 years during the last 2 decades.

Higher level of survival chances at old ages coupled with the fertility declines will result increasing population of the elderly, commonly known as population ageing. The population above age 60 years is 9.2 percent in 2001 and Sri Lanka is among fastest ageing countries in Asia. This proportion is projected to reach 22.0 percent by 2030 (United Nations 2006)

#### 4.4 Projected Life Expectancies at Birth

Life expectancy at birth can be projected using the past estimates. A logistic function can be fitted since this function approximates the expected changes in life expectancy. It increases rather slowly when mortality is very high, accelerates at middle levels and increases again rather slowly at low levels of mortality. The logistic function has a similar pattern. The procedure uses logits and the least squares technique based on observed values of life expectancies. The results are presented in Table 5.

**Table 5 : Projected life expectancy at birth, 2006-2026**

Year	Male	Female
2006	69.9	78.7
2011	70.5	79.8
2016	71.1	80.8
2021	71.7	81.7
2026	72.3	82.5

Under the logistic model, the most likely level to reach in 2016 is about 71 years for males and 81 years for females.

#### 4.5 Variation of Life Expectancy at Birth by Districts

Life expectancies at birth of males and females by districts for the period 2000-2002 are given in Table 6 together with the values for 1980-1982 for comparison.

**Table 6 : Life expectancy at birth by district and sex, 1980-1982 and 2000-2002**

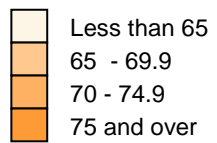
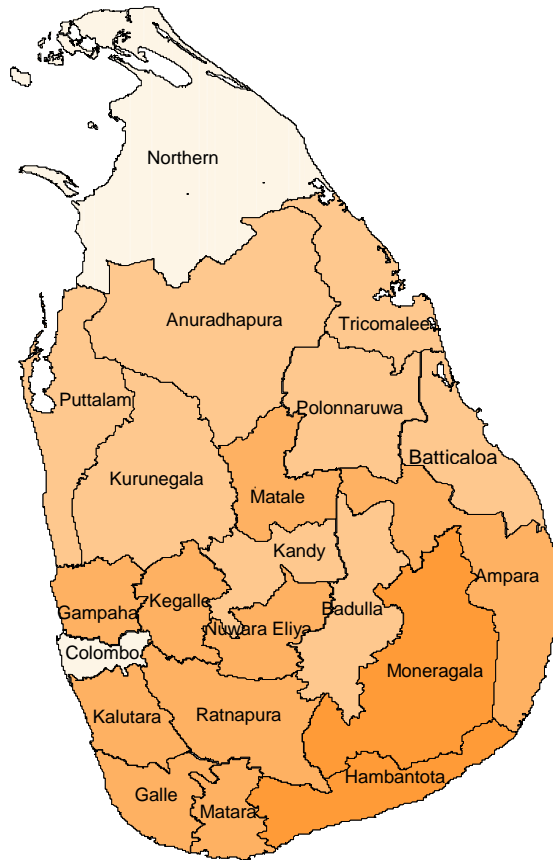
District	Male		Absolute change	Female		Absolute change
	1980-1982	2000-2002		1980-1982	2000-2002	
Colombo	60.1	61.9	1.8	66.0	71.9	5.9
Gampaha	71.6	71.5	-0.1	76.2	80.4	4.2
Kalutara	71.0	72.7	1.7	74.5	80.2	5.7
Kandy	62.7	67.3	4.6	67.9	75.0	7.1
Matale	68.2	70.7	2.5	71.9	77.5	5.6
Nuwara Eliya	68.0	70.8	2.8	69.1	74.7	5.6
Galle	69.3	70.5	1.2	73.5	78.4	4.9
Matara	70.2	73.5	3.3	75.5	80.4	4.9
Hambantota	73.2	76.9	3.7	76.8	82.3	5.5
Batticaloa	65.9	66.8	0.9	68.8	73.8	5.0
Ampara	69.9	70.3	0.4	72.9	75.9	3.0
Trincomalee	69.7	68.5	-1.2	72.6	74.2	1.6
Kurunegala	68.4	68.9	0.5	73.6	78.0	4.4
Puttalam	68.7	69.1	0.4	73.9	78.9	5.0
Anuradhapura	69.8	66.5	-3.3	73.5	76.1	2.6
Polonnaruwa	72.0	69.6	-2.4	77.8	77.6	-0.2
Badulla	65.7	68.9	3.2	68.7	75.4	6.7
Monaragala	74.7	75.2	0.5	75.5	80.5	5.0
Ratnapura	68.4	72.0	3.6	70.4	78.4	8.0
Kegalle	70.1	72.5	2.4	74.6	80.0	5.4
Northern Province	70.2*	59.9	-10.3	73.9*	73.8	-0.1
Sri Lanka	67.7	68.8	1.1	72.1	77.2	5.1

\* Average of districts in Northern Province

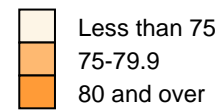
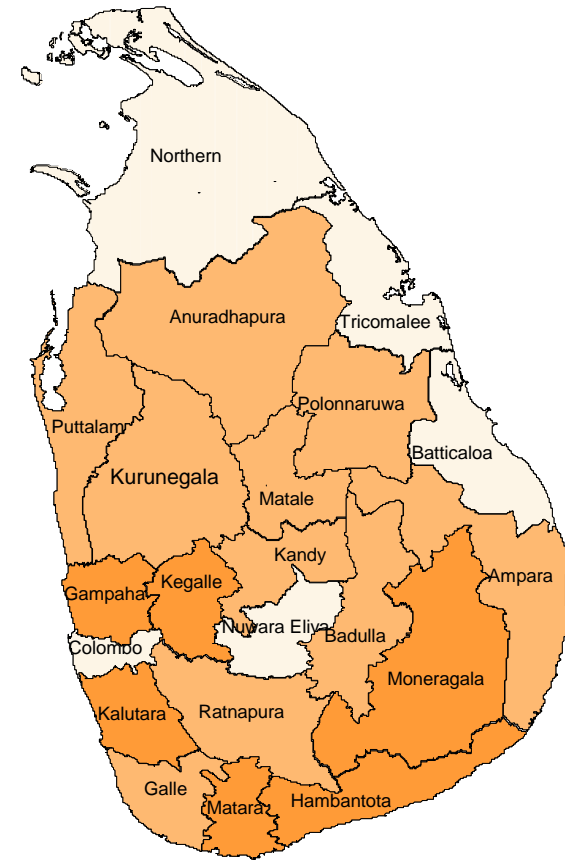
The district pattern for the period 2000-2002 is illustrated in Map 1.

**Map 1 : Life expectancy at birth by districts, 2000-2002**

Male



Female



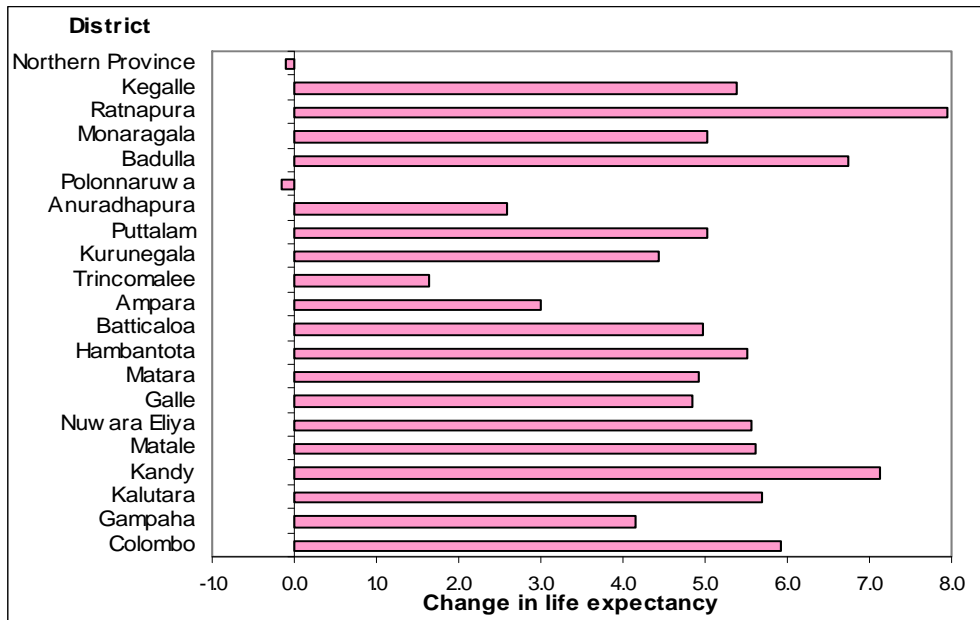
Female life expectancy at birth for all districts are above 70 years. In fact, 11 districts have values between 75 and 80 years. This intermediate pattern is surrounded by relatively high mortality (life expectancy at birth below 75 years) areas and few districts with low mortality (life expectancy at birth 80 years and over). High mortality areas stretch from eastern coast (Batticaloa and Trincomalee) to Northern Province. Colombo in Western coast and Nuwara Eliya in hill country are the two other relatively high a mortality districts. Low mortality area runs along Western and Southern coastal districts (except Colombo and Galle) and extends upwards to Moneragala. Kegalle also belongs to this group. In fact the highest life expectancy at birth for females (82.3 years) is reported from Hambantota district followed by Moneragala (80.5 years). Interestingly, these two districts are considered as more remote and less urbanized areas in Sri Lanka.

Life expectancy at birth for males is always lower than females across all the districts. As shown in Table 6 and Map 1, it is lowest for Northern Province (59.9 years). Colombo district too has a low value (61.9 years). Most of the dry zone districts such as Anuradhapura, Polonnaruwa, Trincomalee, Batticaloa and Puttalam fall into the range of 65-69.9 years while some districts along the Western and Southern coastal belt and in hills belong to the category of 70-74.9 years. As in the case of females, Hambantota has the highest male life expectancy at birth (76.9 years) followed by Moneragla (75.2 years).

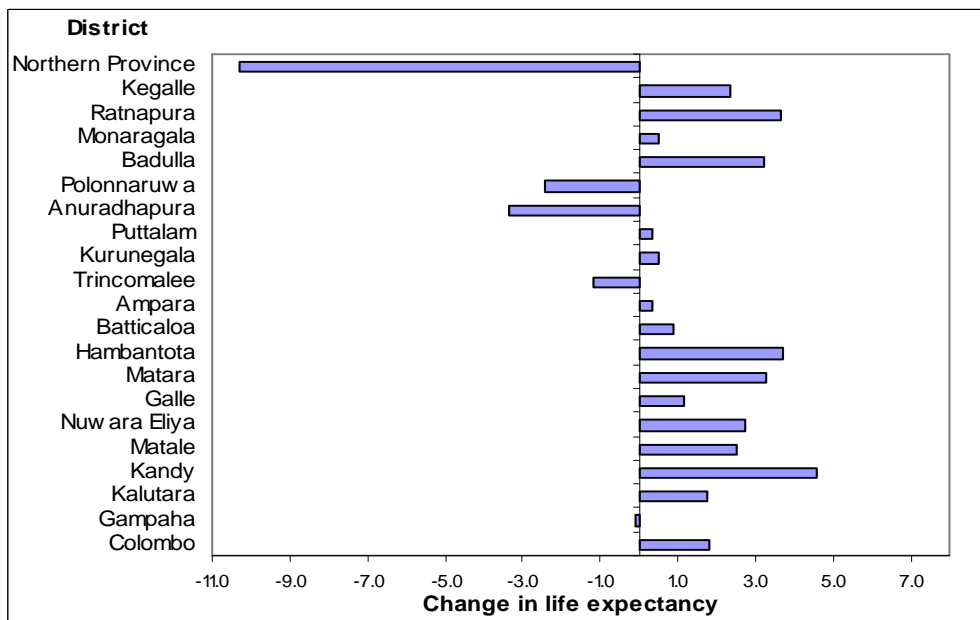
A salient feature in the district pattern of mortality is the very low level of life expectancy in Colombo district for both males and females. One major contributory factor for this is the higher occurrence of deaths in Colombo due to the presence of strong network of hospitals and health facilities run by both government and private sectors. Another possible cause for higher mortality is the existence of extreme poverty in slum areas of the capital city. In contrast to Colombo, some of the most disadvantaged districts such as Hambantota and Moneragala have reached the highest levels in life expectancy.

The changes in life expectancy in each district is shown in Table 6, Figure 5A and Figure 5B.

**Figure 5A : Change in life expectancy at birth for females by district, 1980-1982 to 2000-2002**



**Figure 5B : Change in life expectancy at birth for males by district, 1980-1982 to 2000-2002**



Improvements in life expectancy for females is highest for Ratnapura district (8.0 years) followed by Kandy (7.1 years) and Badulla (6.7 years). Other districts that



show gains higher than the national increase of 5.1 years are Colombo (5.9 years), Kalutara (5.7 years), Matale and Nuwara Eliya (5.6 years), Hambantota (5.5 years) and Kegalle (5.4 years). The smaller gains have been in Trincomalee (1.6 years) and Ampara (3.0 years), both in eastern province and in Anuradhapura (2.6 years). Very marginal deterioration in life expectancies for females is visible for Polonnaruwa (0.2 years) and Northern Province (0.2 years).

As expected, gains in male life expectancy is lower than females in all districts which experience improvements. Increase in life expectancy for males is highest for Kandy district (4.6 years) followed by Hambantota (3.7 years) and Ratnapura (3.6 years). Marginal increases of less than one year recorded for Batticaloa, Ampara, Kurunegala and Moneragla districts. One prominent feature in Figure 5B is very large decline of 10.3 years in the life expectancy of males in Northern Province during the two decades prior to 2001. As discussed in section 3.3 most probable reason for such unexpected decrease is the civil war prevailing in Northern Province. Such a pattern, although to a lesser extent, is also seen for Trincomalee district. Surprisingly a decrease in life expectancy of males in the magnitude of 2-3 years is reported for Anuradhapura and Polonnaruwa districts. Identification of exact causes behind such declines is beyond the scope of this report and further research is needed for that purpose.

## **5. Life tables for Sri Lanka and Districts**

**Table 7 : Complete life tables for Sri Lanka, 2000 - 2002**

**Male**

Age	$n m_x$	$n q_x$	$l_x$	$e_x$	Age	$n m_x$	$n q_x$	$l_x$	$e_x$	Age	$n m_x$	$n q_x$	$l_x$	$e_x$
0	0.01480	0.01465	100000	68.8	31	0.00320	0.00320	94125	41.1	62	0.02276	0.02251	72450	16.3
1	0.00123	0.00123	98535	68.8	32	0.00321	0.00321	93824	40.2	63	0.02461	0.02432	70819	15.7
2	0.00073	0.00073	98414	67.9	33	0.00325	0.00324	93523	39.3	64	0.02661	0.02626	69097	15.1
3	0.00056	0.00056	98342	66.9	34	0.00330	0.00330	93220	38.5	65	0.02877	0.02837	67283	14.5
4	0.00048	0.00048	98287	66.0	35	0.00339	0.00338	92912	37.6	66	0.03111	0.03063	65374	13.9
5	0.00045	0.00045	98240	65.0	36	0.00350	0.00349	92598	36.7	67	0.03363	0.03307	63372	13.3
6	0.00043	0.00043	98196	64.0	37	0.00365	0.00364	92275	35.8	68	0.03634	0.03570	61276	12.7
7	0.00042	0.00042	98154	63.1	38	0.00383	0.00382	91939	35.0	69	0.03928	0.03852	59089	12.2
8	0.00043	0.00043	98112	62.1	39	0.00404	0.00403	91588	34.1	70	0.04245	0.04156	56812	11.6
9	0.00044	0.00044	98070	61.1	40	0.00429	0.00428	91219	33.2	71	0.04586	0.04483	54451	11.1
10	0.00046	0.00046	98027	60.2	41	0.00457	0.00456	90829	32.4	72	0.04954	0.04835	52010	10.6
11	0.00048	0.00048	97982	59.2	42	0.00489	0.00487	90415	31.5	73	0.05352	0.05212	49495	10.1
12	0.00052	0.00052	97935	58.2	43	0.00524	0.00523	89974	30.7	74	0.05780	0.05617	46916	9.7
13	0.00057	0.00057	97884	57.2	44	0.00563	0.00562	89504	29.8	75	0.06241	0.06052	44280	9.2
14	0.00066	0.00066	97828	56.3	45	0.00607	0.00605	89001	29.0	76	0.06738	0.06518	41600	8.8
15	0.00078	0.00078	97764	55.3	46	0.00654	0.00652	88463	28.2	77	0.07272	0.07017	38889	8.3
16	0.00095	0.00095	97688	54.3	47	0.00706	0.00703	87886	27.3	78	0.07848	0.07552	36160	7.9
17	0.00118	0.00118	97595	53.4	48	0.00762	0.00759	87268	26.5	79	0.08467	0.08123	33429	7.5
18	0.00144	0.00144	97480	52.5	49	0.00823	0.00820	86606	25.7	80	0.09133	0.08734	30714	7.2
19	0.00174	0.00173	97340	51.5	50	0.00890	0.00886	85896	24.9	81	0.09848	0.09386	28031	6.8
20	0.00204	0.00204	97171	50.6	51	0.00962	0.00957	85135	24.2	82	0.10616	0.10081	25400	6.4
21	0.00233	0.00233	96973	49.7	52	0.01040	0.01034	84320	23.4	83	0.11440	0.10821	22840	6.1
22	0.00259	0.00259	96747	48.8	53	0.01124	0.01118	83448	22.6	84	0.12325	0.11609	20368	5.8
23	0.00281	0.00280	96497	48.0	54	0.01216	0.01209	82515	21.9	85	0.13272	0.12446	18004	5.5
24	0.00298	0.00297	96226	47.1	55	0.01315	0.01307	81518	21.1	86	0.14287	0.13335	15763	5.2
25	0.00310	0.00309	95940	46.2	56	0.01423	0.01413	80452	20.4	87	0.15374	0.14276	13661	4.9
26	0.00317	0.00316	95644	45.4	57	0.01539	0.01527	79316	19.7	88	0.16536	0.15273	11711	4.7
27	0.00321	0.00320	95341	44.5	58	0.01664	0.01650	78105	19.0	89	0.17777	0.16326	9922	4.4
28	0.00322	0.00321	95036	43.7	59	0.01800	0.01784	76816	18.3	90	0.19101	0.17436	8302	4.2
29	0.00321	0.00321	94731	42.8	60	0.01946	0.01928	75446	17.6	91	0.20513	0.18605	6855	3.9
30	0.00320	0.00320	94427	41.9	61	0.02105	0.02083	73991	17.0	92	0.22017	0.19833	5579	3.7

**Female**

Age	$n m_x$	$n q_x$	$l_x$	$e_x$	Age	$n m_x$	$n q_x$	$l_x$	$e_x$	Age	$n m_x$	$n q_x$	$l_x$	$e_x$
0	0.01165	0.01156	100000	77.2	31	0.00090	0.00090	96882	48.2	62	0.01046	0.01040	87995	19.8
1	0.00098	0.00098	98844	77.1	32	0.00091	0.00091	96794	47.2	63	0.01160	0.01154	87080	19.0
2	0.00069	0.00069	98747	76.0	33	0.00092	0.00092	96706	46.2	64	0.01288	0.01280	86075	18.2
3	0.00056	0.00056	98678	75.1	34	0.00094	0.00094	96617	45.3	65	0.01429	0.01419	84974	17.5
4	0.00049	0.00049	98623	74.1	35	0.00097	0.00097	96526	44.3	66	0.01586	0.01574	83768	16.7
5	0.00043	0.00043	98575	73.3	36	0.00101	0.00101	96433	43.4	67	0.01760	0.01745	82450	16.0
6	0.00040	0.00040	98532	72.2	37	0.00105	0.00105	96336	42.4	68	0.01954	0.01935	81011	15.3
7	0.00037	0.00037	98493	71.2	38	0.00111	0.00111	96234	41.5	69	0.02168	0.02145	79444	14.5
8	0.00035	0.00035	98456	70.2	39	0.00118	0.00118	96127	40.5	70	0.02406	0.02378	77739	13.9
9	0.00034	0.00034	98422	69.3	40	0.00126	0.00126	96014	39.5	71	0.02670	0.02635	75891	13.2
10	0.00034	0.00034	98389	68.4	41	0.00136	0.00136	95893	38.6	72	0.02962	0.02919	73892	12.5
11	0.00036	0.00036	98355	67.3	42	0.00147	0.00147	95763	37.6	73	0.03286	0.03233	71735	11.9
12	0.00039	0.00039	98320	66.3	43	0.00159	0.00159	95622	36.7	74	0.03645	0.03580	69416	11.3
13	0.00043	0.00043	98282	65.4	44	0.00174	0.00173	95470	35.8	75	0.04042	0.03962	66931	10.7
14	0.00049	0.00049	98240	64.4	45	0.00190	0.00190	95304	34.8	76	0.04482	0.04384	64279	10.1
15	0.00055	0.00055	98192	63.5	46	0.00208	0.00208	95124	33.9	77	0.04968	0.04848	61461	9.5
16	0.00062	0.00062	98138	62.4	47	0.00228	0.00228	94926	33.0	78	0.05506	0.05359	58482	9.0
17	0.00069	0.00069	98077	61.5	48	0.00251	0.00251	94710	32.0	79	0.06100	0.05920	55348	8.5
18	0.00075	0.00075	98009	60.5	49	0.00277	0.00277	94472	31.1	80	0.06757	0.06536	52071	8.0
19	0.00081	0.00081	97935	59.6	50	0.00306	0.00305	94211	30.2	81	0.07481	0.07211	48668	7.5
20	0.00085	0.00085	97856	58.6	51	0.00338	0.00337	93923	29.3	82	0.08280	0.07951	45158	7.0
21	0.00089	0.00089	97773	57.7	52	0.00373	0.00373	93607	28.4	83	0.09160	0.08759	41568	6.6
22	0.00091	0.00091	97686	56.7	53	0.00413	0.00412	93258	27.5	84	0.10129	0.09641	37927	6.2
23	0.00093	0.00093	97597	55.8	54	0.00457	0.00456	92873	26.6	85	0.11194	0.10601	34270	5.8
24	0.00093	0.00093	97507	54.8	55	0.00507	0.00505	92449	25.7	86	0.12365	0.11645	30637	5.4
25	0.00093	0.00093	97416	53.9	56	0.00561	0.00560	91982	24.8	87	0.13648	0.12776	27070	5.0
26	0.00093	0.00093	97325	52.9	57	0.00622	0.00621	91467	24.0	88	0.15055	0.14001	23611	4.7
27	0.00092	0.00092	97235	52.0	58	0.00690	0.00688	90900	23.1	89	0.16593	0.15322	20306	4.4
28	0.00091	0.00091	97146	51.0	59	0.00766	0.00763	90274	22.3	90	0.18274	0.16744	17194	4.1
29	0.00091	0.00091	97057	50.1	60	0.00849	0.00846	89586	21.5	91	0.20106	0.18269	14315	3.8
30	0.00090	0.00090	96969	49.1	61	0.00942	0.00938	88828	20.6	92	0.22099	0.19900	11700	3.5

**Table 8 : Abridged life tables for Sri Lanka, 2000 - 2002**

**Male**

Age	$n m_x$	$n q_x$	$l_x$	$n d_x$	$n L_x$	$n S_x$	$T_x$	$e_x$
0	0.01485	0.01465	100000	1465	98700	0.98436 (1)	6882161	68.8
1	0.00075	0.00300	98535	296	393479	0.99693 (2)	6783461	68.8
5	0.00043	0.00216	98239	212	490666	0.99758	6389982	65.0
10	0.00054	0.00268	98027	263	489479	0.99602	5899315	60.2
15	0.00122	0.00607	97764	593	487530	0.99075	5409836	55.3
20	0.00255	0.01266	97171	1230	483019	0.98544	4922306	50.7
25	0.00318	0.01578	95941	1514	475985	0.98403	4439287	46.3
30	0.00323	0.01604	94427	1515	468384	0.98309	3963302	42.0
35	0.00368	0.01823	92912	1694	460462	0.97908	3494918	37.6
40	0.00492	0.02432	91219	2218	450827	0.97083	3034456	33.3
45	0.00709	0.03489	89000	3105	437678	0.95765	2583629	29.0
50	0.01045	0.05097	85895	4378	419143	0.93810	2145950	25.0
55	0.01544	0.07449	81517	6072	393197	0.90985	1726807	21.2
60	0.02282	0.10820	75445	8163	357752	0.86983	1333610	17.7
65	0.03365	0.15562	67282	10470	311185	0.81441	975858	14.5
70	0.04945	0.22059	56811	12532	253433	0.74010	664674	11.7
75	0.07233	0.30638	44279	13566	187565	0.64513	411241	9.3
80	0.10503	0.41382	30713	12710	121004	0.45902 (3)	223675	7.3
85	0.17606	...	18003	18003	102258	...	102671	5.7

**Female**

Age	$n m_x$	$n q_x$	$l_x$	$n d_x$	$n L_x$	$n S_x$	$T_x$	$e_x$
0	0.01168	0.01156	100000	1156	98989	0.98752 (1)	7715049	77.2
1	0.00068	0.00273	98844	270	394772	0.99725 (2)	7616060	77.1
5	0.00038	0.00189	98574	186	492405	0.99806	7221288	73.3
10	0.00040	0.00200	98388	197	491447	0.99741	6728883	68.4
15	0.00069	0.00342	98191	336	490172	0.99598	6237436	63.5
20	0.00090	0.00450	97855	440	488202	0.99540	5747264	58.7
25	0.00092	0.00459	97415	447	485957	0.99544	5259062	54.0
30	0.00092	0.00457	96968	443	483744	0.99514	4773105	49.2
35	0.00106	0.00531	96525	513	481392	0.99378	4289361	44.4
40	0.00148	0.00739	96012	710	478399	0.99077	3807969	39.7
45	0.00231	0.01148	95303	1094	473985	0.98525	3329570	34.9
50	0.00377	0.01869	94208	1761	466994	0.97572	2855585	30.3
55	0.00628	0.03097	92448	2863	455657	0.95969	2388591	25.8
60	0.01055	0.05148	89585	4612	437289	0.93319	1932934	21.6
65	0.01773	0.08514	84973	7235	408073	0.89033	1495645	17.6
70	0.02975	0.13904	77738	10809	363320	0.82326	1087572	14.0
75	0.04968	0.22201	66930	14859	299108	0.72406	724252	10.8
80	0.08219	0.34185	52070	17800	216572	0.49059 (3)	425144	8.2
85	0.16489	...	34270	34270	207839	...	208572	6.1

(1) Value given is for survivorship of 5 cohorts of birth to age group 0-4 =  ${}_5L_0/500000$

(2) Value given is for  ${}_5S_0 = {}_5L_5/{}_5L_0$

(3) Value given is  ${}_5S_{80+} = T_{85}/T_{80}$

**Table 9 : Life tables for districts, 2000 - 2002**

**Colombo District - Male**

Age	$n m_x$	$n q_x$	$l_x$	$n d_x$	$n L_x$	$n S_x$	$T_x$	$e_x$
0	0.03563	0.03457	100000	3457	97034	0.96304 (1)	6192477	61.9
1	0.00179	0.00713	96543	688	384485	0.99281 (2)	6095444	63.1
5	0.00102	0.00508	95855	487	478056	0.99444	5710959	59.6
10	0.00121	0.00604	95368	576	475398	0.99285	5232903	54.9
15	0.00176	0.00877	94792	831	471997	0.98964	4757505	50.2
20	0.00242	0.01204	93960	1131	467107	0.98619	4285508	45.6
25	0.00318	0.01580	92829	1467	460657	0.98124	3818400	41.1
30	0.00448	0.02218	91362	2026	452016	0.97361	3357743	36.8
35	0.00632	0.03113	89336	2781	440088	0.96300	2905727	32.5
40	0.00891	0.04362	86555	3776	423806	0.94824	2465638	28.5
45	0.01256	0.06096	82779	5046	401870	0.92786	2041833	24.7
50	0.01768	0.08482	77733	6593	372878	0.89998	1639962	21.1
55	0.02487	0.11732	71140	8346	335585	0.86236	1267084	17.8
60	0.03492	0.16093	62794	10105	289393	0.81249	931499	14.8
65	0.04890	0.21823	52688	11498	235130	0.74806	642106	12.2
70	0.06824	0.29140	41190	12003	175892	0.66759	406976	9.9
75	0.09478	0.38130	29187	11129	117424	0.57180	231084	7.9
80	0.13074	0.48611	18058	8778	67143	0.40926 (3)	113660	6.3
85	0.19950	...	9280	9280	46517	...	46517	5.0

**Colombo District - Female**

Age	$n m_x$	$n q_x$	$l_x$	$n d_x$	$n L_x$	$n S_x$	$T_x$	$e_x$
0	0.02621	0.02562	100000	2562	97763	0.97225 (1)	7192443	71.9
1	0.00142	0.00566	97438	551	388364	0.99431 (2)	7094680	72.8
5	0.00089	0.00443	96887	429	483359	0.99579	6706317	69.2
10	0.00080	0.00399	96457	385	481324	0.99554	6222957	64.5
15	0.00103	0.00513	96072	493	479175	0.99427	5741633	59.8
20	0.00126	0.00627	95580	599	476429	0.99356	5262458	55.1
25	0.00132	0.00657	94980	624	473360	0.99311	4786028	50.4
30	0.00148	0.00735	94356	694	470100	0.99168	4312668	45.7
35	0.00192	0.00957	93663	896	466187	0.98853	3842568	41.0
40	0.00277	0.01377	92766	1277	460838	0.98303	3376381	36.4
45	0.00419	0.02075	91489	1898	453019	0.97410	2915542	31.9
50	0.00649	0.03196	89591	2863	441284	0.95991	2462524	27.5
55	0.01016	0.04963	86727	4304	423595	0.93772	2021239	23.3
60	0.01601	0.07715	82423	6359	397212	0.90353	1597645	19.4
65	0.02527	0.11922	76064	9068	358894	0.85210	1200432	15.8
70	0.03983	0.18183	66996	12182	305813	0.77738	841538	12.6
75	0.06253	0.27122	54814	14867	237734	0.67482	535725	9.8
80	0.09736	0.39100	39947	15619	160428	0.46164 (3)	297991	7.5
85	0.17685	...	24328	24328	137563	...	137563	5.7

(1) Value given is for survivorship of 5 cohorts of birth to age group 0-4 =  ${}_5L_0/500000$

(2) Value given is for  ${}_5S_0 = {}_5L_5/{}_5L_0$

(3) Value given is  ${}_5S_{80+} = T_{85}/T_{80}$

**Gampaha District - Male**

Age	$n m_x$	$n q_x$	$l_x$	$n d_x$	$n L_x$	$n S_x$	$T_x$	$e_x$
0	0.02301	0.02255	100000	2255	97987	0.97573 (1)	7153273	71.5
1	0.00117	0.00467	97745	456	389878	0.99608 (2)	7055286	72.2
5	0.00040	0.00202	97289	197	485951	0.99804	6665408	68.5
10	0.00038	0.00189	97092	184	485001	0.99777	6179457	63.6
15	0.00055	0.00277	96909	268	483919	0.99645	5694456	58.8
20	0.00090	0.00448	96640	433	482202	0.99430	5210536	53.9
25	0.00142	0.00710	96207	683	479452	0.99115	4728334	49.1
30	0.00217	0.01080	95524	1032	475210	0.98679	4248882	44.5
35	0.00320	0.01588	94492	1501	468935	0.98087	3773672	39.9
40	0.00460	0.02273	92992	2114	459967	0.97289	3304737	35.5
45	0.00650	0.03199	90878	2907	447499	0.96206	2844770	31.3
50	0.00912	0.04463	87971	3926	430520	0.94717	2397272	27.3
55	0.01281	0.06215	84045	5223	407775	0.92632	1966752	23.4
60	0.01814	0.08693	78821	6852	377731	0.89663	1558977	19.8
65	0.02603	0.12250	71969	8816	338686	0.85389	1181247	16.4
70	0.03799	0.17396	63153	10986	289202	0.79241	842560	13.3
75	0.05642	0.24784	52167	12929	229166	0.70546	553359	10.6
80	0.08510	0.35063	39238	13758	161668	0.50132 (3)	324193	8.3
85	0.15678	...	25480	25480	162526	...	162526	6.4

**Gampaha District - Female**

Age	$n m_x$	$n q_x$	$l_x$	$n d_x$	$n L_x$	$n S_x$	$T_x$	$e_x$
0	0.00418	0.00416	100000	416	99610	0.99524 (1)	8036025	80.4
1	0.00033	0.00132	99584	131	398010	0.99888 (2)	7936415	79.7
5	0.00016	0.00080	99453	80	497064	0.99910	7538406	75.8
10	0.00020	0.00101	99373	100	496614	0.99892	7041342	70.9
15	0.00024	0.00118	99273	117	496078	0.99872	6544728	65.9
20	0.00028	0.00139	99155	138	495443	0.99847	6048650	61.0
25	0.00034	0.00169	99018	167	494686	0.99808	5553207	56.1
30	0.00044	0.00219	98850	216	493737	0.99742	5058521	51.2
35	0.00061	0.00305	98634	301	492463	0.99626	4564784	46.3
40	0.00092	0.00458	98333	450	490621	0.99417	4072321	41.4
45	0.00147	0.00735	97883	719	487761	0.99040	3581700	36.6
50	0.00248	0.01234	97163	1199	483080	0.98362	3093939	31.8
55	0.00431	0.02132	95964	2046	475166	0.97143	2610859	27.2
60	0.00761	0.03742	93918	3514	461591	0.94975	2135694	22.7
65	0.01359	0.06590	90404	5958	438398	0.91191	1674103	18.5
70	0.02433	0.11517	84446	9726	399779	0.84793	1235704	14.6
75	0.04344	0.19707	74721	14725	338985	0.74615	835926	11.2
80	0.07684	0.32394	59995	19435	252935	0.49102 (3)	496941	8.3
85	0.16623	...	40560	40560	244005	...	244005	6.0

(1) Value given is for survivorship of 5 cohorts of birth to age group 0-4 =  ${}_5L_0/500000$

(2) Value given is for  ${}_5S_0 = {}_5L_5/{}_5L_0$

(3) Value given is  ${}_5S_{80+} = T_{85}/T_{80}$

**Kalutara District - Male**

Age	$n m_x$	$n q_x$	$l_x$	$n d_x$	$n L_x$	$n S_x$	$T_x$	$e_x$
0	0.00482	0.00480	100000	480	99547	0.99451 (1)	7274741	72.7
1	0.00040	0.00159	99520	158	397706	0.99848 (2)	7175194	72.1
5	0.00025	0.00125	99362	124	496498	0.99854	6777488	68.2
10	0.00034	0.00168	99238	167	495771	0.99766	6280990	63.3
15	0.00067	0.00336	99071	333	494610	0.99538	5785219	58.4
20	0.00120	0.00599	98738	591	492327	0.99267	5290609	53.6
25	0.00174	0.00865	98147	849	488718	0.99009	4798282	48.9
30	0.00225	0.01119	97298	1089	483874	0.98737	4309564	44.3
35	0.00286	0.01422	96209	1368	477765	0.98367	3825690	39.8
40	0.00379	0.01880	94841	1783	469962	0.97778	3347926	35.3
45	0.00532	0.02625	93058	2443	459521	0.96824	2877964	30.9
50	0.00779	0.03826	90615	3467	444924	0.95303	2418443	26.7
55	0.01176	0.05720	87148	4985	424025	0.92940	1973519	22.6
60	0.01799	0.08631	82163	7092	394087	0.89361	1549494	18.9
65	0.02770	0.12994	75072	9755	352162	0.84094	1155406	15.4
70	0.04265	0.19338	65317	12631	296146	0.76622	803244	12.3
75	0.06543	0.28180	52686	14847	226912	0.66591	507098	9.6
80	0.09961	0.39777	37839	15051	151103	0.46070 (3)	280186	7.4
85	0.17654	...	22788	22788	129083	...	129083	5.7

**Kalutara District - Female**

Age	$n m_x$	$n q_x$	$l_x$	$n d_x$	$n L_x$	$n S_x$	$T_x$	$e_x$
0	0.00377	0.00376	100000	376	99647	0.99587 (1)	8019120	80.2
1	0.00021	0.00084	99624	84	398288	0.99909 (2)	7919473	79.5
5	0.00018	0.00088	99540	88	497483	0.99908	7521184	75.6
10	0.00019	0.00096	99453	95	497025	0.99883	7023702	70.6
15	0.00030	0.00148	99357	147	496443	0.99819	6526677	65.7
20	0.00043	0.00215	99210	213	495542	0.99761	6030234	60.8
25	0.00052	0.00259	98997	256	494359	0.99727	5534691	55.9
30	0.00058	0.00288	98740	284	493007	0.99691	5040332	51.0
35	0.00068	0.00337	98456	332	491482	0.99613	4547326	46.2
40	0.00090	0.00451	98124	443	489581	0.99442	4055844	41.3
45	0.00139	0.00693	97682	677	486849	0.99096	3566263	36.5
50	0.00234	0.01165	97005	1130	482450	0.98440	3079414	31.7
55	0.00413	0.02047	95875	1963	474923	0.97229	2596964	27.1
60	0.00744	0.03660	93912	3437	461763	0.95040	2122041	22.6
65	0.01351	0.06554	90475	5930	438858	0.91169	1660278	18.4
70	0.02455	0.11617	84545	9822	400104	0.84566	1221420	14.4
75	0.04439	0.20101	74724	15020	338351	0.74005	821316	11.0
80	0.07938	0.33293	59703	19877	250397	0.48154 (3)	482965	8.1
85	0.17125	...	39826	39826	232567	...	232567	5.8

(1) Value given is for survivorship of 5 cohorts of birth to age group 0-4 =  ${}_5L_0/500000$

(2) Value given is for  ${}_5S_0 = {}_5L_5/{}_5L_0$

(3) Value given is  ${}_5S_{80+} = T_{85}/T_{80}$

**Kandy District - Male**

Age	$n m_x$	$n q_x$	$l_x$	$n d_x$	$n L_x$	$n S_x$	$T_x$	$e_x$
0	0.02430	0.02379	100000	2379	97885	0.97499 (1)	6728232	67.3
1	0.00093	0.00371	97621	362	389608	0.99599 (2)	6630348	67.9
5	0.00062	0.00310	97259	302	485540	0.99678	6240740	64.2
10	0.00067	0.00335	96957	325	483975	0.99590	5755199	59.4
15	0.00106	0.00529	96633	511	481991	0.99285	5271225	54.5
20	0.00184	0.00917	96121	881	478545	0.98950	4789234	49.8
25	0.00234	0.01161	95240	1106	473521	0.98745	4310689	45.3
30	0.00274	0.01361	94134	1281	467578	0.98445	3837168	40.8
35	0.00362	0.01797	92853	1669	460305	0.97845	3369590	36.3
40	0.00522	0.02580	91184	2353	450387	0.96855	2909284	31.9
45	0.00774	0.03800	88832	3376	436223	0.95356	2458898	27.7
50	0.01154	0.05618	85456	4801	415964	0.93148	2022674	23.7
55	0.01723	0.08277	80655	6676	387461	0.89949	1606710	19.9
60	0.02570	0.12106	73979	8956	348516	0.85400	1219249	16.5
65	0.03824	0.17505	65024	11382	297632	0.79102	870734	13.4
70	0.05670	0.24886	53641	13349	235431	0.70709	573102	10.7
75	0.08360	0.34540	40292	13917	166470	0.60149	337671	8.4
80	0.12220	0.46390	26375	12235	100130	0.41513 (3)	171201	6.5
85	0.19895	...	14140	14140	71071	...	71071	5.0

**Kandy District - Female**

Age	$n m_x$	$n q_x$	$l_x$	$n d_x$	$n L_x$	$n S_x$	$T_x$	$e_x$
0	0.01932	0.01899	100000	1899	98304	0.97976 (1)	7503912	75.0
1	0.00084	0.00336	98101	330	391578	0.99674 (2)	7405608	75.5
5	0.00047	0.00235	97771	230	488282	0.99762	7014030	71.7
10	0.00048	0.00241	97542	235	487120	0.99703	6525747	66.9
15	0.00076	0.00377	97307	367	485673	0.99553	6038627	62.1
20	0.00103	0.00512	96940	496	483500	0.99452	5552954	57.3
25	0.00115	0.00575	96443	555	480852	0.99402	5069454	52.6
30	0.00125	0.00624	95889	598	477979	0.99325	4588602	47.9
35	0.00149	0.00743	95290	708	474751	0.99140	4110623	43.1
40	0.00202	0.01006	94582	951	470669	0.98772	3635872	38.4
45	0.00302	0.01499	93631	1404	464887	0.98113	3165203	33.8
50	0.00476	0.02352	92227	2169	456114	0.97001	2700316	29.3
55	0.00767	0.03768	90058	3393	442436	0.95180	2244202	24.9
60	0.01249	0.06068	86665	5259	421111	0.92258	1801766	20.8
65	0.02039	0.09730	81406	7921	388507	0.87677	1380654	17.0
70	0.03324	0.15408	73485	11323	340631	0.80739	992147	13.5
75	0.05395	0.23867	62163	14836	275021	0.70797	651516	10.5
80	0.08679	0.35707	47326	16899	194708	0.48284 (3)	376495	8.0
85	0.16738	...	30427	30427	181787	...	181787	6.0

(1) Value given is for survivorship of 5 cohorts of birth to age group 0-4 =  ${}_5L_0/500000$

(2) Value given is for  ${}_5S_0 = {}_5L_5/{}_5L_0$

(3) Value given is  ${}_5S_{80+} = T_{85}/T_{80}$



**Matale District - Male**

Age	$n m_x$	$n q_x$	$l_x$	$n d_x$	$n L_x$	$n S_x$	$T_x$	$e_x$
0	0.01068	0.01058	100000	1058	99019	0.98848 (1)	7072743	70.7
1	0.00058	0.00232	98942	230	395222	0.99772 (2)	6973724	70.5
5	0.00036	0.00182	98712	180	493113	0.99809	6578502	66.6
10	0.00040	0.00201	98533	198	492169	0.99738	6085389	61.8
15	0.00072	0.00360	98335	354	490880	0.99487	5593220	56.9
20	0.00139	0.00692	97981	678	488360	0.99124	5102341	52.1
25	0.00213	0.01059	97303	1030	484080	0.98783	4613981	47.4
30	0.00276	0.01369	96272	1318	478187	0.98479	4129901	42.9
35	0.00339	0.01683	94954	1598	470916	0.98104	3651714	38.5
40	0.00434	0.02147	93356	2004	461987	0.97495	3180798	34.1
45	0.00595	0.02933	91352	2679	450414	0.96468	2718812	29.8
50	0.00866	0.04244	88673	3763	434504	0.94794	2268398	25.6
55	0.01307	0.06341	84909	5384	411882	0.92170	1833894	21.6
60	0.02007	0.09579	79525	7618	379633	0.88193	1422012	17.9
65	0.03099	0.14427	71907	10374	334810	0.82361	1042380	14.5
70	0.04783	0.21433	61533	13188	275754	0.74166	707570	11.5
75	0.07348	0.31084	48345	15028	204516	0.63341	431816	8.9
80	0.11188	0.43500	33317	14493	129542	0.43008 (3)	227300	6.8
85	0.19256	...	18824	18824	97758	...	97758	5.2

**Matale District - Female**

Age	$n m_x$	$n q_x$	$l_x$	$n d_x$	$n L_x$	$n S_x$	$T_x$	$e_x$
0	0.00776	0.00770	100000	770	99286	0.99123 (1)	7750992	77.5
1	0.00060	0.00239	99230	237	396330	0.99780 (2)	7651705	77.1
5	0.00035	0.00177	98993	175	494526	0.99787	7255375	73.3
10	0.00050	0.00249	98818	246	493473	0.99717	6760849	68.4
15	0.00066	0.00328	98572	323	492075	0.99650	6267376	63.6
20	0.00074	0.00367	98248	361	490351	0.99624	5775301	58.8
25	0.00077	0.00384	97888	376	488507	0.99605	5284950	54.0
30	0.00082	0.00410	97512	400	486578	0.99560	4796443	49.2
35	0.00096	0.00481	97112	467	484435	0.99448	4309866	44.4
40	0.00129	0.00643	96645	621	481760	0.99212	3825430	39.6
45	0.00194	0.00968	96023	930	477965	0.98757	3343670	34.8
50	0.00319	0.01581	95094	1503	472025	0.97917	2865706	30.1
55	0.00546	0.02697	93591	2524	462192	0.96408	2393681	25.6
60	0.00957	0.04684	91066	4266	445589	0.93753	1931489	21.2
65	0.01693	0.08149	86801	7073	417753	0.89205	1485900	17.1
70	0.02998	0.14012	79727	11171	372658	0.81726	1068147	13.4
75	0.05281	0.23459	68556	16083	304558	0.70272	695489	10.1
80	0.09190	0.37484	52473	19669	214019	0.45254 (3)	390931	7.5
85	0.18543	...	32804	32804	176912	...	176912	5.4

(1) Value given is for survivorship of 5 cohorts of birth to age group 0-4 =  ${}_5L_0/500000$

(2) Value given is for  ${}_5S_0 = {}_5L_5/{}_5L_0$

(3) Value given is  ${}_5S_{80+} = T_{85}/T_{80}$

**Nuwara Eliya District - Male**

Age	$n m_x$	$n q_x$	$l_x$	$n d_x$	$n L_x$	$n S_x$	$T_x$	$e_x$
0	0.01601	0.01578	100000	1578	98561	0.98307 (1)	7075207	70.8
1	0.00076	0.00302	98422	297	392976	0.99726 (2)	6976647	70.9
5	0.00035	0.00177	98125	174	490190	0.99816	6583670	67.1
10	0.00038	0.00191	97951	187	489288	0.99723	6093481	62.2
15	0.00081	0.00402	97764	393	487934	0.99482	5604193	57.3
20	0.00125	0.00622	97371	606	485407	0.99340	5116260	52.5
25	0.00137	0.00684	96765	662	482201	0.99278	4630853	47.9
30	0.00156	0.00776	96103	746	478719	0.99101	4148652	43.2
35	0.00213	0.01058	95358	1009	474416	0.98694	3669934	38.5
40	0.00324	0.01607	94349	1516	468220	0.97974	3195518	33.9
45	0.00511	0.02523	92833	2342	458732	0.96804	2727298	29.4
50	0.00813	0.03988	90490	3609	444069	0.94955	2268566	25.1
55	0.01295	0.06286	86882	5461	421667	0.92083	1824497	21.0
60	0.02062	0.09835	81420	8008	388286	0.87709	1402830	17.2
65	0.03275	0.15191	73413	11152	340560	0.81240	1014544	13.8
70	0.05175	0.22998	62261	14319	276671	0.72099	673984	10.8
75	0.08120	0.33784	47942	16197	199477	0.60080	397313	8.3
80	0.12588	0.47524	31745	15087	119847	0.39421 (3)	197836	6.2
85	0.21360	...	16659	16659	77990	...	77990	4.7

**Nuwara Eliya District - Female**

Age	$n m_x$	$n q_x$	$l_x$	$n d_x$	$n L_x$	$n S_x$	$T_x$	$e_x$
0	0.01260	0.01246	100000	1246	98863	0.98634 (1)	7467321	74.7
1	0.00072	0.00288	98754	284	394306	0.99754 (2)	7368458	74.6
5	0.00032	0.00160	98470	158	491954	0.99833	6974152	70.8
10	0.00035	0.00174	98312	171	491133	0.99739	6482198	65.9
15	0.00076	0.00380	98141	373	489849	0.99562	5991065	61.0
20	0.00094	0.00467	97768	457	487705	0.99560	5501216	56.3
25	0.00082	0.00408	97311	397	485558	0.99589	5013512	51.5
30	0.00087	0.00432	96914	419	483560	0.99493	4527954	46.7
35	0.00122	0.00608	96496	587	481109	0.99233	4044395	41.9
40	0.00193	0.00962	95909	923	477418	0.98762	3563286	37.2
45	0.00316	0.01567	94986	1488	471508	0.97974	3085868	32.5
50	0.00521	0.02572	93498	2405	461954	0.96676	2614359	28.0
55	0.00860	0.04216	91093	3840	446600	0.94567	2152405	23.6
60	0.01421	0.06879	87253	6002	422335	0.91188	1705806	19.6
65	0.02344	0.11111	81251	9028	385118	0.85909	1283471	15.8
70	0.03852	0.17646	72223	12744	330851	0.77976	898353	12.4
75	0.06289	0.27277	59478	16224	257983	0.66808	567503	9.5
80	0.10154	0.40460	43254	17501	172352	0.44316 (3)	309520	7.2
85	0.18775	...	25754	25754	137167	...	137167	5.3

(1) Value given is for survivorship of 5 cohorts of birth to age group 0-4 =  ${}_5L_0/500000$

(2) Value given is for  ${}_5S_0 = {}_5L_5/{}_5L_0$

(3) Value given is  ${}_5S_{80+} = T_{85}/T_{80}$

**Galle District - Male**

Age	$n m_x$	$n q_x$	$l_x$	$n d_x$	$n L_x$	$n S_x$	$T_x$	$e_x$
0	0.01514	0.01493	100000	1493	98635	0.98399 (1)	7047802	70.5
1	0.00071	0.00283	98507	279	393361	0.99720 (2)	6949167	70.5
5	0.00043	0.00213	98228	209	490618	0.99754	6555806	66.7
10	0.00056	0.00280	98019	274	489409	0.99641	6065188	61.9
15	0.00096	0.00477	97745	466	487651	0.99394	5575779	57.0
20	0.00150	0.00745	97278	725	484696	0.99110	5088128	52.3
25	0.00209	0.01040	96554	1004	480381	0.98800	4603432	47.7
30	0.00276	0.01369	95549	1308	474617	0.98434	4123051	43.2
35	0.00360	0.01784	94241	1681	467185	0.97941	3648434	38.7
40	0.00480	0.02373	92560	2196	457566	0.97218	3181248	34.4
45	0.00661	0.03254	90364	2940	444837	0.96128	2723683	30.1
50	0.00938	0.04588	87423	4011	427614	0.94483	2278846	26.1
55	0.01362	0.06596	83412	5502	404022	0.92027	1851232	22.2
60	0.02006	0.09574	77910	7459	371809	0.88428	1447210	18.6
65	0.02979	0.13902	70451	9794	328782	0.83282	1075401	15.3
70	0.04435	0.20020	60657	12144	273815	0.76168	746620	12.3
75	0.06593	0.28345	48514	13751	208558	0.66802	472805	9.7
80	0.09750	0.39078	34762	13584	139321	0.47276 (3)	264247	7.6
85	0.16952	...	21178	21178	124926	...	124926	5.9

**Galle District - Female**

Age	$n m_x$	$n q_x$	$l_x$	$n d_x$	$n L_x$	$n S_x$	$T_x$	$e_x$
0	0.01194	0.01181	100000	1181	98920	0.98739 (1)	7835089	78.4
1	0.00051	0.00204	98819	202	394773	0.99795 (2)	7736169	78.3
5	0.00033	0.00164	98617	162	492683	0.99825	7341396	74.4
10	0.00037	0.00187	98456	184	491818	0.99797	6848713	69.6
15	0.00045	0.00226	98272	222	490820	0.99752	6356895	64.7
20	0.00054	0.00271	98049	266	489603	0.99703	5866076	59.8
25	0.00065	0.00324	97784	317	488151	0.99643	5376473	55.0
30	0.00079	0.00394	97467	384	486408	0.99558	4888322	50.2
35	0.00100	0.00497	97083	483	484260	0.99426	4401914	45.3
40	0.00133	0.00665	96600	642	481482	0.99204	3917653	40.6
45	0.00192	0.00954	95958	915	477650	0.98814	3436172	35.8
50	0.00296	0.01469	95043	1396	471984	0.98114	2958522	31.1
55	0.00485	0.02396	93646	2244	463082	0.96852	2486538	26.6
60	0.00829	0.04069	91403	3719	448505	0.94588	2023456	22.1
65	0.01459	0.07058	87683	6189	424233	0.90595	1574951	18.0
70	0.02604	0.12281	81495	10008	384334	0.83790	1150718	14.1
75	0.04667	0.21022	71486	15028	322034	0.72925	766384	10.7
80	0.08310	0.34565	56459	19515	234845	0.47149 (3)	444350	7.9
85	0.17634	...	36944	36944	209505	...	209505	5.7

(1) Value given is for survivorship of 5 cohorts of birth to age group 0-4 =  ${}_5L_0/500000$

(2) Value given is for  ${}_5S_0 = {}_5L_5/{}_5L_0$

(3) Value given is  ${}_5S_{80+} = T_{85}/T_{80}$

**Matara District - Male**

Age	$n m_x$	$n q_x$	$l_x$	$n d_x$	$n L_x$	$n S_x$	$T_x$	$e_x$
0	0.01246	0.01232	100000	1232	98864	0.98709 (1)	7347166	73.5
1	0.00042	0.00166	98768	164	394681	0.99840 (2)	7248302	73.4
5	0.00021	0.00107	98604	106	492756	0.99862	6853621	69.5
10	0.00034	0.00169	98499	166	492077	0.99741	6360865	64.6
15	0.00080	0.00397	98332	390	490800	0.99451	5868788	59.7
20	0.00142	0.00706	97942	691	488107	0.99155	5377988	54.9
25	0.00196	0.00974	97250	947	483982	0.98918	4889880	50.3
30	0.00238	0.01185	96303	1141	478744	0.98709	4405898	45.8
35	0.00283	0.01407	95162	1339	472562	0.98439	3927154	41.3
40	0.00351	0.01742	93823	1634	465188	0.97997	3454592	36.8
45	0.00468	0.02315	92188	2134	455871	0.97243	2989404	32.4
50	0.00667	0.03283	90054	2956	443304	0.95994	2533533	28.1
55	0.00995	0.04862	87098	4235	425544	0.93993	2090229	24.0
60	0.01524	0.07357	82863	6096	399980	0.90882	1664685	20.1
65	0.02363	0.11191	76767	8591	363511	0.86189	1264705	16.5
70	0.03678	0.16904	68176	11524	313306	0.79356	901194	13.2
75	0.05716	0.25086	56651	14212	248627	0.69913	587888	10.4
80	0.08826	0.36148	42440	15341	173823	0.48764 (3)	339261	8.0
85	0.16380	...	27099	27099	165438	...	165438	6.1

**Matara District - Female**

Age	$n m_x$	$n q_x$	$l_x$	$n d_x$	$n L_x$	$n S_x$	$T_x$	$e_x$
0	0.00932	0.00924	100000	924	99148	0.99028 (1)	8035853	80.4
1	0.00032	0.00126	99076	125	395993	0.99866 (2)	7936706	80.1
5	0.00023	0.00113	98951	112	494476	0.99862	7540713	76.2
10	0.00033	0.00163	98839	161	493794	0.99786	7046236	71.3
15	0.00057	0.00284	98678	280	492738	0.99668	6552442	66.4
20	0.00074	0.00370	98398	364	491103	0.99616	6059704	61.6
25	0.00078	0.00390	98034	382	489217	0.99611	5568601	56.8
30	0.00078	0.00389	97652	380	487313	0.99601	5079384	52.0
35	0.00084	0.00418	97272	407	485367	0.99537	4592071	47.2
40	0.00105	0.00523	96865	507	483121	0.99372	4106704	42.4
45	0.00153	0.00761	96359	733	480087	0.99033	3623583	37.6
50	0.00246	0.01221	95625	1168	475445	0.98402	3143495	32.9
55	0.00415	0.02057	94458	1943	467848	0.97276	2668051	28.2
60	0.00718	0.03533	92515	3269	455105	0.95311	2200203	23.8
65	0.01253	0.06089	89246	5434	433765	0.91953	1745098	19.6
70	0.02189	0.10417	83812	8731	398859	0.86381	1311333	15.6
75	0.03812	0.17495	75081	13135	344539	0.77590	912474	12.2
80	0.06588	0.28429	61946	17611	267328	0.52930 (3)	567934	9.2
85	0.14749	...	44335	44335	300607	...	300607	6.8

(1) Value given is for survivorship of 5 cohorts of birth to age group 0-4 =  ${}_5L_0/500000$

(2) Value given is for  ${}_5S_0 = {}_5L_5/{}_5L_0$

(3) Value given is  ${}_5S_{80+} = T_{85}/T_{80}$

**Hambantota District - Male**

Age	$n m_x$	$n q_x$	$l_x$	$n d_x$	$n L_x$	$n S_x$	$T_x$	$e_x$
0	0.00395	0.00394	100000	394	99627	0.99531 (1)	7689159	76.9
1	0.00042	0.00168	99606	167	398029	0.99839 (2)	7589532	76.2
5	0.00027	0.00136	99439	135	496855	0.99857	7191503	72.3
10	0.00030	0.00151	99303	150	496142	0.99775	6694648	67.4
15	0.00069	0.00342	99153	339	495027	0.99492	6198506	62.5
20	0.00139	0.00692	98814	684	492510	0.99155	5703479	57.7
25	0.00196	0.00975	98131	957	488349	0.98954	5210969	53.1
30	0.00220	0.01093	97174	1062	483243	0.98885	4722620	48.6
35	0.00228	0.01136	96112	1092	477854	0.98819	4239377	44.1
40	0.00251	0.01246	95020	1184	472211	0.98621	3761523	39.6
45	0.00313	0.01553	93836	1457	465700	0.98160	3289313	35.1
50	0.00444	0.02196	92379	2029	457132	0.97280	2823612	30.6
55	0.00681	0.03354	90350	3030	444697	0.95757	2366480	26.2
60	0.01088	0.05307	87320	4634	425827	0.93247	1921783	22.0
65	0.01765	0.08475	82686	7008	397069	0.89251	1495956	18.1
70	0.02873	0.13456	75678	10183	354386	0.83107	1098887	14.5
75	0.04669	0.20996	65495	13751	294520	0.74126	744501	11.4
80	0.07534	0.31789	51743	16449	218317	0.51483 (3)	449981	8.7
85	0.15235	...	35295	35295	231664	...	231664	6.6

**Hambantota District - Female**

Age	$n m_x$	$n q_x$	$l_x$	$n d_x$	$n L_x$	$n S_x$	$T_x$	$e_x$
0	0.00303	0.00302	100000	302	99716	0.99620 (1)	8231429	82.3
1	0.00041	0.00164	99698	164	398386	0.99863 (2)	8131713	81.6
5	0.00020	0.00101	99534	101	497421	0.99904	7733326	77.7
10	0.00018	0.00090	99434	89	496946	0.99889	7235905	72.8
15	0.00028	0.00141	99344	140	496396	0.99827	6738959	67.8
20	0.00041	0.00203	99204	201	495538	0.99782	6242563	62.9
25	0.00045	0.00227	99003	225	494460	0.99769	5747025	58.0
30	0.00047	0.00235	98778	232	493319	0.99753	5252565	53.2
35	0.00053	0.00266	98546	262	492099	0.99693	4759247	48.3
40	0.00073	0.00362	98284	356	490587	0.99546	4267148	43.4
45	0.00115	0.00571	97928	559	488357	0.99249	3776561	38.6
50	0.00195	0.00972	97369	946	484692	0.98698	3288204	33.8
55	0.00344	0.01705	96423	1644	478383	0.97703	2803512	29.1
60	0.00612	0.03018	94779	2860	467395	0.95937	2325129	24.5
65	0.01093	0.05334	91918	4903	448407	0.92857	1857734	20.2
70	0.01953	0.09343	87015	8130	416378	0.87626	1409327	16.2
75	0.03472	0.16060	78885	12669	364855	0.79162	992948	12.6
80	0.06123	0.26706	66216	17684	288828	0.54015 (3)	628094	9.5
85	0.14305	...	48533	48533	339266	...	339266	7.0

(1) Value given is for survivorship of 5 cohorts of birth to age group 0-4 =  ${}_5L_0/500000$

(2) Value given is for  ${}_5S_0 = {}_5L_5/{}_5L_0$

(3) Value given is  ${}_5S_{80+} = T_{85}/T_{80}$

**Batticaloa District - Male**

Age	$n m_x$	$n q_x$	$l_x$	$n d_x$	$n L_x$	$n S_x$	$T_x$	$e_x$
0	0.02111	0.02072	100000	2072	98139	0.97572 (1)	6679349	66.8
1	0.00212	0.00845	97928	827	389718	0.99249 (2)	6581209	67.2
5	0.00108	0.00539	97101	523	484194	0.99488	6191491	63.8
10	0.00097	0.00484	96577	467	481717	0.99351	5707297	59.1
15	0.00182	0.00905	96110	870	478589	0.98747	5225580	54.4
20	0.00324	0.01607	95240	1531	472592	0.98232	4746991	49.8
25	0.00373	0.01847	93709	1731	464239	0.98190	4274399	45.6
30	0.00354	0.01756	91979	1615	455838	0.98234	3810160	41.4
35	0.00367	0.01818	90363	1643	447787	0.97988	3354322	37.1
40	0.00461	0.02278	88721	2021	438777	0.97292	2906534	32.8
45	0.00657	0.03235	86700	2805	426893	0.96035	2467758	28.5
50	0.00988	0.04827	83895	4050	409969	0.94038	2040864	24.3
55	0.01510	0.07290	79845	5821	385526	0.91005	1630896	20.4
60	0.02318	0.10987	74025	8133	350849	0.86527	1245370	16.8
65	0.03557	0.16390	65891	10800	303578	0.80112	894520	13.6
70	0.05442	0.24022	55092	13234	243201	0.71307	590943	10.7
75	0.08274	0.34280	41858	14349	173418	0.59985	347742	8.3
80	0.12456	0.47102	27509	12957	104024	0.40327 (3)	174323	6.3
85	0.20700	...	14552	14552	70299	...	70299	4.8

**Batticaloa District - Female**

Age	$n m_x$	$n q_x$	$l_x$	$n d_x$	$n L_x$	$n S_x$	$T_x$	$e_x$
0	0.01525	0.01504	100000	1504	98639	0.98201 (1)	7376215	73.8
1	0.00165	0.00658	98496	648	392363	0.99414 (2)	7277576	73.9
5	0.00091	0.00455	97848	445	488126	0.99567	6885212	70.4
10	0.00082	0.00410	97403	399	486015	0.99550	6397086	65.7
15	0.00102	0.00509	97003	494	483826	0.99430	5911071	60.9
20	0.00127	0.00631	96510	609	481067	0.99324	5427245	56.2
25	0.00144	0.00716	95901	687	477816	0.99250	4946178	51.6
30	0.00158	0.00785	95214	747	474233	0.99167	4468362	46.9
35	0.00179	0.00893	94467	844	470283	0.99008	3994129	42.3
40	0.00224	0.01116	93623	1045	465619	0.98689	3523846	37.6
45	0.00313	0.01553	92578	1438	459512	0.98085	3058227	33.0
50	0.00476	0.02356	91140	2147	450713	0.97006	2598715	28.5
55	0.00767	0.03766	88993	3351	437218	0.95143	2148001	24.1
60	0.01271	0.06172	85642	5286	415981	0.92015	1710783	20.0
65	0.02134	0.10166	80356	8169	382764	0.86924	1294802	16.1
70	0.03597	0.16577	72187	11966	332715	0.78990	912038	12.6
75	0.06040	0.26361	60220	15875	262813	0.67467	579322	9.6
80	0.10039	0.40140	44346	17800	177311	0.43979 (3)	316510	7.1
85	0.19070	...	26545	26545	139198	...	139198	5.2

(1) Value given is for survivorship of 5 cohorts of birth to age group 0-4 =  ${}_5L_0/500000$

(2) Value given is for  ${}_5S_0 = {}_5L_5/{}_5L_0$

(3) Value given is  ${}_5S_{80+} = T_{85}/T_{80}$

**Ampara District - Male**

Age	$n m_x$	$n q_x$	$l_x$	$n d_x$	$n L_x$	$n S_x$	$T_x$	$e_x$
0	0.00784	0.00778	100000	778	99272	0.99043 (1)	7028504	70.3
1	0.00101	0.00402	99222	399	395942	0.99649 (2)	6929231	69.8
5	0.00052	0.00259	98823	256	493476	0.99746	6533289	66.1
10	0.00050	0.00248	98567	244	492225	0.99661	6039813	61.3
15	0.00096	0.00480	98323	472	490556	0.99332	5547588	56.4
20	0.00174	0.00864	97851	845	487277	0.99022	5057032	51.7
25	0.00213	0.01059	97005	1027	482510	0.98909	4569755	47.1
30	0.00225	0.01120	95978	1075	477243	0.98807	4087245	42.6
35	0.00261	0.01296	94903	1230	471551	0.98500	3610002	38.0
40	0.00355	0.01760	93673	1649	464478	0.97842	3138451	33.5
45	0.00535	0.02640	92025	2429	454457	0.96687	2673973	29.1
50	0.00839	0.04113	89595	3685	439399	0.94810	2219516	24.8
55	0.01332	0.06461	85910	5551	416593	0.91865	1780116	20.7
60	0.02123	0.10109	80359	8124	382702	0.87363	1363523	17.0
65	0.03376	0.15625	72236	11287	334340	0.80702	980821	13.6
70	0.05346	0.23665	60949	14424	269820	0.71303	646481	10.6
75	0.08402	0.34744	46525	16165	192390	0.59002	376661	8.1
80	0.13044	0.48770	30361	14807	113514	0.38399 (3)	184271	6.1
85	0.21982	...	15554	15554	70757	...	70757	4.5

**Ampara District - Female**

Age	$n m_x$	$n q_x$	$l_x$	$n d_x$	$n L_x$	$n S_x$	$T_x$	$e_x$
0	0.00521	0.00518	100000	518	99516	0.99284 (1)	7589083	75.9
1	0.00104	0.00415	99482	413	396902	0.99674 (2)	7489567	75.3
5	0.00044	0.00220	99069	218	494801	0.99792	7092664	71.6
10	0.00039	0.00196	98851	194	493772	0.99771	6597864	66.7
15	0.00054	0.00272	98657	268	492642	0.99704	6104092	61.9
20	0.00063	0.00313	98389	308	491184	0.99687	5611450	57.0
25	0.00062	0.00310	98081	304	489648	0.99686	5120266	52.2
30	0.00065	0.00325	97777	318	488110	0.99637	4630618	47.4
35	0.00083	0.00416	97459	405	486339	0.99488	4142508	42.5
40	0.00127	0.00635	97054	616	483848	0.99172	3656169	37.7
45	0.00214	0.01067	96438	1029	479843	0.98575	3172321	32.9
50	0.00376	0.01864	95409	1778	473005	0.97491	2692478	28.2
55	0.00669	0.03296	93630	3086	461137	0.95565	2219473	23.7
60	0.01196	0.05821	90544	5271	440688	0.92212	1758337	19.4
65	0.02137	0.10182	85274	8683	406366	0.86539	1317649	15.5
70	0.03801	0.17451	76591	13366	351665	0.77410	911283	11.9
75	0.06701	0.28850	63225	18240	272224	0.63974	559618	8.9
80	0.11618	0.44979	44985	20234	174152	0.39403 (3)	287394	6.4
85	0.21857	...	24751	24751	113242	...	113242	4.6

(1) Value given is for survivorship of 5 cohorts of birth to age group 0-4 =  ${}_5L_0/500000$

(2) Value given is for  ${}_5S_0 = {}_5L_5/{}_5L_0$

(3) Value given is  ${}_5S_{80+} = T_{85}/T_{80}$

**Tricomalee District - Male**

Age	$n m_x$	$n q_x$	$l_x$	$n d_x$	$n L_x$	$n S_x$	$T_x$	$e_x$
0	0.00422	0.00420	100000	420	99603	0.99416 (1)	6852855	68.5
1	0.00090	0.00359	99580	357	397476	0.99671 (2)	6753252	67.8
5	0.00054	0.00269	99223	267	495445	0.99717	6355776	64.1
10	0.00059	0.00297	98956	294	494043	0.99530	5860330	59.2
15	0.00150	0.00750	98662	740	491721	0.98825	5366287	54.4
20	0.00330	0.01640	97922	1606	485941	0.98049	4874566	49.8
25	0.00438	0.02169	96316	2089	476461	0.97802	4388626	45.6
30	0.00439	0.02171	94227	2046	465991	0.97866	3912165	41.5
35	0.00428	0.02118	92181	1952	456047	0.97776	3446174	37.4
40	0.00485	0.02396	90229	2162	445904	0.97255	2990127	33.1
45	0.00648	0.03191	88067	2810	433664	0.96149	2544223	28.9
50	0.00950	0.04645	85257	3960	416964	0.94285	2110559	24.8
55	0.01442	0.06974	81296	5670	393136	0.91397	1693595	20.8
60	0.02212	0.10511	75627	7949	359314	0.87096	1300459	17.2
65	0.03398	0.15711	67678	10633	312948	0.80904	941145	13.9
70	0.05203	0.23092	57045	13173	253187	0.72358	628197	11.0
75	0.07920	0.33074	43872	14510	183202	0.61286	375010	8.5
80	0.11941	0.45661	29362	13407	112277	0.41464 (3)	191808	6.5
85	0.20061	...	15955	15955	79531	...	79531	5.0

**Trincomalee District - Female**

Age	$n m_x$	$n q_x$	$l_x$	$n d_x$	$n L_x$	$n S_x$	$T_x$	$e_x$
0	0.00281	0.00280	100000	280	99736	0.99532 (1)	7422991	74.2
1	0.00097	0.00387	99720	386	397923	0.99656 (2)	7323255	73.4
5	0.00058	0.00291	99334	289	495948	0.99714	6925332	69.7
10	0.00056	0.00281	99045	278	494529	0.99695	6429385	64.9
15	0.00068	0.00339	98767	335	493023	0.99625	5934855	60.1
20	0.00083	0.00412	98432	406	491175	0.99551	5441832	55.3
25	0.00097	0.00486	98026	476	488972	0.99474	4950657	50.5
30	0.00115	0.00571	97550	557	486398	0.99371	4461685	45.7
35	0.00140	0.00699	96993	678	483337	0.99197	3975287	41.0
40	0.00187	0.00931	96315	897	479456	0.98873	3491950	36.3
45	0.00276	0.01369	95418	1306	474053	0.98261	3012494	31.6
50	0.00444	0.02196	94112	2067	465811	0.97113	2538441	27.0
55	0.00761	0.03740	92045	3442	452366	0.94995	2072630	22.5
60	0.01354	0.06566	88603	5818	429723	0.91179	1620264	18.3
65	0.02450	0.11597	82785	9601	391815	0.84561	1190541	14.4
70	0.04453	0.20158	73185	14753	331321	0.73831	798726	10.9
75	0.08031	0.33622	58432	19646	244617	0.58661	467404	8.0
80	0.13627	0.50415	38786	19554	143496	0.35591 (3)	222787	5.7
85	0.24255	...	19232	19232	79292	...	79292	4.1

(1) Value given is for survivorship of 5 cohorts of birth to age group 0-4 =  ${}_5L_0/500000$

(2) Value given is for  ${}_5S_0 = {}_5L_5/5L_0$

(3) Value given is  ${}_5S_{80+} = T_{85}/T_{80}$



**Kurunegala District - Male**

Age	$n m_x$	$n q_x$	$l_x$	$n d_x$	$n L_x$	$n S_x$	$T_x$	$e_x$
0	0.01566	0.01544	100000	1544	98590	0.98383 (1)	6893270	68.9
1	0.00053	0.00211	98456	208	393327	0.99770 (2)	6794680	69.0
5	0.00037	0.00185	98248	182	490787	0.99797	6401353	65.2
10	0.00044	0.00222	98066	218	489788	0.99703	5910566	60.3
15	0.00083	0.00416	97849	407	488333	0.99414	5420778	55.4
20	0.00158	0.00785	97442	765	485473	0.98977	4932445	50.6
25	0.00257	0.01278	96677	1236	480508	0.98449	4446972	46.0
30	0.00370	0.01833	95441	1749	473056	0.97874	3966464	41.6
35	0.00492	0.02430	93692	2277	462997	0.97244	3493408	37.3
40	0.00630	0.03105	91415	2838	450235	0.96491	3030411	33.1
45	0.00807	0.03959	88577	3507	434437	0.95479	2580175	29.1
50	0.01060	0.05168	85070	4396	414797	0.93989	2145738	25.2
55	0.01449	0.07002	80674	5649	389863	0.91690	1730941	21.5
60	0.02070	0.09863	75025	7400	357464	0.88112	1341078	17.9
65	0.03071	0.14303	67625	9672	314969	0.82644	983614	14.5
70	0.04679	0.21015	57953	12179	260303	0.74604	668645	11.5
75	0.07233	0.30686	45774	14046	194196	0.63512	408342	8.9
80	0.11217	0.43606	31728	13835	123338	0.42405 (3)	214146	6.7
85	0.19704	...	17893	17893	90808	...	90808	5.1

**Kurunegala District - Female**

Age	$n m_x$	$n q_x$	$l_x$	$n d_x$	$n L_x$	$n S_x$	$T_x$	$e_x$
0	0.01123	0.01112	100000	1112	98981	0.98834 (1)	7800294	78.0
1	0.00037	0.00148	98888	146	395187	0.99855 (2)	7701314	77.9
5	0.00021	0.00105	98742	104	493449	0.99867	7306127	74.0
10	0.00032	0.00161	98638	159	492793	0.99805	6812678	69.1
15	0.00049	0.00243	98479	239	491831	0.99719	6319885	64.2
20	0.00064	0.00318	98240	312	490447	0.99650	5828053	59.3
25	0.00076	0.00381	97927	373	488729	0.99590	5337606	54.5
30	0.00088	0.00440	97554	429	486725	0.99524	4848877	49.7
35	0.00104	0.00517	97125	502	484410	0.99424	4362152	44.9
40	0.00130	0.00647	96623	625	481621	0.99245	3877742	40.1
45	0.00178	0.00888	95998	852	477987	0.98904	3396121	35.4
50	0.00273	0.01354	95145	1288	472750	0.98248	2918135	30.7
55	0.00454	0.02248	93857	2110	464466	0.96995	2445385	26.1
60	0.00804	0.03946	91747	3620	450510	0.94642	1980919	21.6
65	0.01470	0.07110	88127	6266	426373	0.90332	1530409	17.4
70	0.02728	0.12835	81861	10507	385152	0.82768	1104036	13.5
75	0.05072	0.22658	71354	16167	318784	0.70523	718883	10.1
80	0.09326	0.37990	55187	20965	224816	0.43810 (3)	400099	7.2
85	0.19523	...	34221	34221	175283	...	175283	5.1

(1) Value given is for survivorship of 5 cohorts of birth to age group 0-4 =  ${}_5L_0/500000$

(2) Value given is for  ${}_5S_0 = {}_5L_5/{}_5L_0$

(3) Value given is  ${}_5S_{80+} = T_{85}/T_{80}$

**Puttalam District - Male**

Age	$n m_x$	$n q_x$	$l_x$	$n d_x$	$n L_x$	$n S_x$	$T_x$	$e_x$
0	0.00795	0.00789	100000	789	99262	0.99128 (1)	6905721	69.1
1	0.00049	0.00197	99211	195	396379	0.99816 (2)	6806459	68.6
5	0.00028	0.00141	99015	140	494727	0.99822	6410080	64.7
10	0.00043	0.00216	98876	213	493845	0.99740	5915353	59.8
15	0.00066	0.00328	98662	323	492561	0.99591	5421508	55.0
20	0.00102	0.00507	98339	498	490547	0.99342	4928947	50.1
25	0.00169	0.00843	97841	825	487319	0.98890	4438400	45.4
30	0.00289	0.01437	97016	1394	481912	0.98035	3951081	40.7
35	0.00515	0.02542	95623	2431	472444	0.97039	3469169	36.3
40	0.00683	0.03362	93191	3133	458457	0.96104	2996725	32.2
45	0.00917	0.04488	90058	4042	440593	0.94848	2538268	28.2
50	0.01214	0.05899	86016	5074	417892	0.93151	2097675	24.4
55	0.01656	0.07966	80942	6448	389270	0.90521	1679783	20.8
60	0.02375	0.11236	74494	8370	352373	0.86789	1290512	17.3
65	0.03374	0.15602	66124	10317	305821	0.80732	938139	14.2
70	0.05277	0.23346	55808	13029	246895	0.74203	632319	11.3
75	0.06697	0.28680	42779	12269	183204	0.66308	385424	9.0
80	0.10237	0.40759	30510	12436	121480	0.39927 (3)	202219	6.6
85	0.22386	...	18074	18074	80739	...	80739	4.5

**Puttalam District - Female**

Age	$n m_x$	$n q_x$	$l_x$	$n d_x$	$n L_x$	$n S_x$	$T_x$	$e_x$
0	0.00752	0.00747	100000	747	99307	0.99156 (1)	7892535	78.9
1	0.00055	0.00218	99253	216	396474	0.99811 (2)	7793227	78.5
5	0.00028	0.00138	99037	137	494841	0.99875	7396754	74.7
10	0.00022	0.00111	98900	110	494225	0.99851	6901912	69.8
15	0.00040	0.00199	98790	197	493487	0.99786	6407687	64.9
20	0.00043	0.00217	98594	214	492430	0.99800	5914200	60.0
25	0.00038	0.00188	98380	185	491445	0.99777	5421770	55.1
30	0.00055	0.00274	98195	269	490346	0.99657	4930325	50.2
35	0.00085	0.00426	97926	417	488664	0.99457	4439979	45.3
40	0.00137	0.00682	97508	665	486011	0.99122	3951315	40.5
45	0.00223	0.01110	96843	1075	481746	0.98566	3465304	35.8
50	0.00367	0.01818	95768	1741	474838	0.97649	2983558	31.2
55	0.00605	0.02983	94027	2805	463676	0.96146	2508720	26.7
60	0.01000	0.04888	91223	4459	445806	0.93709	2045044	22.4
65	0.01653	0.07959	86764	6906	417759	0.89827	1599237	18.4
70	0.02726	0.12808	79858	10228	375261	0.83818	1181479	14.8
75	0.04475	0.20213	69630	14074	314536	0.74947	806218	11.6
80	0.07289	0.30928	55556	17182	235734	0.52055 (3)	491682	8.9
85	0.14993	...	38373	38373	255947	...	255947	6.7

(1) Value given is for survivorship of 5 cohorts of birth to age group 0-4 =  ${}_5L_0/500000$

(2) Value given is for  ${}_5S_0 = {}_5L_5/{}_5L_0$

(3) Value given is  ${}_5S_{80+} = T_{85}/T_{80}$

**Anuradhapura District - Male**

Age	$n m_x$	$n q_x$	$l_x$	$n d_x$	$n L_x$	$n S_x$	$T_x$	$e_x$
0	0.02153	0.02112	100000	2112	98106	0.97746 (1)	6646284	66.5
1	0.00099	0.00394	97888	386	390622	0.99633 (2)	6548178	66.9
5	0.00047	0.00236	97502	230	486936	0.99742	6157556	63.2
10	0.00056	0.00280	97272	272	485680	0.99626	5670619	58.3
15	0.00104	0.00520	97000	504	483864	0.99286	5184939	53.5
20	0.00188	0.00934	96495	901	480409	0.98830	4701075	48.7
25	0.00284	0.01412	95594	1350	474789	0.98348	4220666	44.2
30	0.00383	0.01896	94244	1787	466945	0.97844	3745877	39.7
35	0.00493	0.02435	92458	2251	456878	0.97227	3278932	35.5
40	0.00641	0.03157	90206	2848	444208	0.96342	2822054	31.3
45	0.00866	0.04240	87358	3704	427960	0.94989	2377846	27.2
50	0.01217	0.05914	83654	4947	406513	0.92906	1949887	23.3
55	0.01766	0.08476	78707	6671	377675	0.89761	1543373	19.6
60	0.02615	0.12304	72036	8863	339005	0.85143	1165699	16.2
65	0.03908	0.17856	63173	11280	288639	0.78596	826694	13.1
70	0.05856	0.25601	51892	13285	226860	0.69736	538055	10.4
75	0.08750	0.35853	38607	13842	158202	0.58510	311195	8.1
80	0.12968	0.48468	24766	12003	92564	0.39498 (3)	152993	6.2
85	0.21119	...	12762	12762	60429	...	60429	4.7

**Anuradhapura District - Female**

Age	$n m_x$	$n q_x$	$l_x$	$n d_x$	$n L_x$	$n S_x$	$T_x$	$e_x$
0	0.01780	0.01752	100000	1752	98428	0.98125 (1)	7608088	76.1
1	0.00081	0.00323	98248	317	392197	0.99690 (2)	7509660	76.4
5	0.00045	0.00225	97931	220	489102	0.99776	7117463	72.7
10	0.00045	0.00223	97710	218	488007	0.99731	6628361	67.8
15	0.00067	0.00334	97492	326	486692	0.99615	6140354	63.0
20	0.00086	0.00429	97167	417	484819	0.99553	5653662	58.2
25	0.00092	0.00458	96750	443	482651	0.99535	5168843	53.4
30	0.00095	0.00476	96307	458	480406	0.99491	4686192	48.7
35	0.00111	0.00555	95848	532	477963	0.99356	4205787	43.9
40	0.00152	0.00758	95316	722	474885	0.99061	3727824	39.1
45	0.00234	0.01162	94594	1099	470427	0.98508	3252939	34.4
50	0.00382	0.01893	93495	1770	463407	0.97533	2782512	29.8
55	0.00641	0.03159	91725	2898	451974	0.95864	2319104	25.3
60	0.01089	0.05310	88827	4717	433281	0.93065	1867130	21.0
65	0.01854	0.08888	84111	7476	403231	0.88482	1433849	17.0
70	0.03153	0.14681	76635	11251	356786	0.81251	1030617	13.4
75	0.05335	0.23654	65384	15466	289891	0.70540	673832	10.3
80	0.08932	0.36591	49918	18266	204490	0.46739 (3)	383940	7.7
85	0.17639	...	31653	31653	179450	...	179450	5.7

(1) Value given is for survivorship of 5 cohorts of birth to age group 0-4 =  ${}_5L_0/500000$

(2) Value given is for  ${}_5S_0 = {}_5L_5/{}_5L_0$

(3) Value given is  ${}_5S_{80+} = T_{85}/T_{80}$

**Polonnaruwa District - Male**

Age	$n m_x$	$n q_x$	$l_x$	$n d_x$	$n L_x$	$n S_x$	$T_x$	$e_x$
0	0.01419	0.01401	100000	1401	98715	0.98484 (1)	6959776	69.6
1	0.00074	0.00294	98599	290	393703	0.99740 (2)	6861061	69.6
5	0.00033	0.00166	98309	163	491138	0.99817	6467358	65.8
10	0.00040	0.00200	98146	196	490239	0.99701	5976220	60.9
15	0.00092	0.00457	97950	448	488771	0.99324	5485981	56.0
20	0.00185	0.00919	97502	896	485466	0.98867	4997210	51.3
25	0.00267	0.01327	96606	1282	479965	0.98534	4511744	46.7
30	0.00320	0.01589	95324	1515	472927	0.98291	4031779	42.3
35	0.00372	0.01842	93809	1728	464845	0.97960	3558852	37.9
40	0.00462	0.02283	92081	2102	455361	0.97349	3094007	33.6
45	0.00629	0.03098	89979	2788	443288	0.96270	2638646	29.3
50	0.00916	0.04482	87192	3908	426754	0.94506	2195358	25.2
55	0.01381	0.06686	83284	5568	403307	0.91762	1768604	21.2
60	0.02112	0.10058	77715	7817	370082	0.87645	1365297	17.6
65	0.03243	0.15050	69899	10520	324360	0.81677	995216	14.2
70	0.04973	0.22186	59379	13174	264927	0.73379	670856	11.3
75	0.07584	0.31909	46205	14744	194402	0.62536	405929	8.8
80	0.11461	0.44287	31462	13933	121571	0.42527 (3)	211527	6.7
85	0.19485	...	17528	17528	89956	...	89956	5.1

**Polonnaruwa District - Female**

Age	$n m_x$	$n q_x$	$l_x$	$n d_x$	$n L_x$	$n S_x$	$T_x$	$e_x$
0	0.01170	0.01158	100000	1158	98940	0.98778 (1)	7762041	77.6
1	0.00042	0.00169	98842	167	394951	0.99813 (2)	7663101	77.5
5	0.00033	0.00165	98675	163	492968	0.99821	7268150	73.7
10	0.00039	0.00193	98512	190	492085	0.99761	6775182	68.8
15	0.00061	0.00303	98322	298	490907	0.99654	6283097	63.9
20	0.00076	0.00381	98024	373	489207	0.99609	5792190	59.1
25	0.00079	0.00395	97651	386	487293	0.99602	5302983	54.3
30	0.00081	0.00405	97265	394	485355	0.99565	4815690	49.5
35	0.00096	0.00478	96871	463	483244	0.99441	4330335	44.7
40	0.00133	0.00662	96408	638	480544	0.99175	3847091	39.9
45	0.00206	0.01026	95770	983	476580	0.98677	3366547	35.2
50	0.00339	0.01683	94787	1595	470276	0.97798	2889967	30.5
55	0.00573	0.02829	93192	2636	459920	0.96279	2419691	26.0
60	0.00981	0.04796	90555	4343	442807	0.93700	1959771	21.6
65	0.01686	0.08112	86212	6994	414910	0.89416	1516964	17.6
70	0.02896	0.13564	79219	10745	370997	0.82544	1102054	13.9
75	0.04955	0.22158	68474	15172	306234	0.72169	731057	10.7
80	0.08392	0.34798	53301	18548	221005	0.47977 (3)	424823	8.0
85	0.17051	...	34753	34753	203818	...	203818	5.9

(1) Value given is for survivorship of 5 cohorts of birth to age group 0-4 =  ${}_5L_0/500000$

(2) Value given is for  ${}_5S_0 = {}_5L_5/{}_5L_0$

(3) Value given is  ${}_5S_{80+} = T_{85}/T_{80}$

**Badulla District - Male**

Age	$n m_x$	$n q_x$	$l_x$	$n d_x$	$n L_x$	$n S_x$	$T_x$	$e_x$
0	0.02631	0.02571	100000	2571	97728	0.97343 (1)	6889612	68.9
1	0.00077	0.00309	97429	301	388986	0.99686 (2)	6791884	69.7
5	0.00037	0.00186	97128	181	485188	0.99793	6402898	65.9
10	0.00046	0.00229	96947	222	484181	0.99664	5917710	61.0
15	0.00099	0.00495	96725	479	482557	0.99337	5433528	56.2
20	0.00166	0.00826	96246	795	479357	0.99084	4950972	51.4
25	0.00198	0.00985	95451	940	474964	0.98951	4471615	46.8
30	0.00226	0.01125	94511	1063	469980	0.98730	3996651	42.3
35	0.00293	0.01454	93448	1359	464011	0.98261	3526671	37.7
40	0.00421	0.02083	92089	1918	455942	0.97442	3062660	33.3
45	0.00632	0.03115	90171	2809	444281	0.96149	2606719	28.9
50	0.00963	0.04708	87362	4113	427170	0.94182	2162438	24.8
55	0.01471	0.07108	83249	5917	402315	0.91252	1735268	20.8
60	0.02245	0.10657	77332	8241	367119	0.86973	1332953	17.2
65	0.03418	0.15797	69091	10914	319293	0.80888	965834	14.0
70	0.05184	0.23014	58176	13389	258271	0.72566	646541	11.1
75	0.07815	0.32701	44788	14646	187415	0.61835	388270	8.7
80	0.11672	0.44878	30142	13527	115889	0.42302 (3)	200855	6.7
85	0.19554	...	16615	16615	84966	...	84966	5.1

**Badulla District - Female**

Age	$n m_x$	$n q_x$	$l_x$	$n d_x$	$n L_x$	$n S_x$	$T_x$	$e_x$
0	0.02058	0.02021	100000	2021	98203	0.97867 (1)	7543991	75.4
1	0.00080	0.00319	97979	313	391132	0.99699 (2)	7445789	76.0
5	0.00039	0.00193	97666	188	487861	0.99798	7054657	72.2
10	0.00042	0.00212	97478	207	486873	0.99706	6566796	67.4
15	0.00081	0.00405	97271	394	485444	0.99529	6079923	62.5
20	0.00103	0.00514	96877	498	483159	0.99497	5594479	57.7
25	0.00096	0.00481	96379	464	480727	0.99532	5111320	53.0
30	0.00093	0.00465	95916	446	478478	0.99496	4630593	48.3
35	0.00113	0.00564	95470	538	476066	0.99321	4152115	43.5
40	0.00166	0.00825	94931	783	472834	0.98955	3676049	38.7
45	0.00264	0.01311	94148	1234	467895	0.98311	3203215	34.0
50	0.00433	0.02142	92914	1990	459990	0.97227	2735319	29.4
55	0.00717	0.03525	90924	3205	447234	0.95439	2275329	25.0
60	0.01191	0.05795	87719	5083	426834	0.92535	1828095	20.8
65	0.01978	0.09455	82635	7813	394969	0.87922	1401261	17.0
70	0.03277	0.15210	74822	11380	347263	0.80841	1006292	13.4
75	0.05400	0.23894	63442	15159	280730	0.70586	659028	10.4
80	0.08811	0.36162	48283	17460	198157	0.47619 (3)	378298	7.8
85	0.17110	...	30823	30823	180141	...	180141	5.8

(1) Value given is for survivorship of 5 cohorts of birth to age group 0-4 =  ${}_5L_0/500000$

(2) Value given is for  ${}_5S_0 = {}_5L_5/{}_5L_0$

(3) Value given is  ${}_5S_{80+} = T_{85}/T_{80}$

**Moneragala District - Male**

Age	$n m_x$	$n q_x$	$l_x$	$n d_x$	$n L_x$	$n S_x$	$T_x$	$e_x$
0	0.00249	0.00248	100000	248	99764	0.99657 (1)	7522450	75.2
1	0.00052	0.00208	99752	207	398519	0.99819 (2)	7422686	74.4
5	0.00027	0.00137	99545	136	497382	0.99816	7024166	70.6
10	0.00046	0.00232	99408	231	496464	0.99698	6526785	65.7
15	0.00081	0.00404	99178	401	494963	0.99503	6030321	60.8
20	0.00118	0.00590	98777	583	492505	0.99319	5535357	56.0
25	0.00155	0.00772	98194	758	489150	0.99136	5042853	51.4
30	0.00192	0.00958	97436	933	484925	0.98936	4553703	46.7
35	0.00237	0.01179	96503	1138	479768	0.98677	4068778	42.2
40	0.00300	0.01488	95365	1419	473421	0.98290	3589010	37.6
45	0.00398	0.01971	93946	1852	465326	0.97666	3115589	33.2
50	0.00561	0.02767	92094	2548	454464	0.96628	2650264	28.8
55	0.00835	0.04095	89546	3667	439140	0.94899	2195800	24.5
60	0.01299	0.06306	85879	5416	416741	0.92046	1756660	20.5
65	0.02083	0.09932	80463	7992	383591	0.87437	1339919	16.7
70	0.03398	0.15725	72472	11396	335399	0.80261	956327	13.2
75	0.05577	0.24579	61076	15012	269194	0.69748	620928	10.2
80	0.09125	0.37193	46064	17133	187757	0.46620 (3)	351734	7.6
85	0.17644	...	28931	28931	163977	...	163977	5.7

**Moneragala District - Female**

Age	$n m_x$	$n q_x$	$l_x$	$n d_x$	$n L_x$	$n S_x$	$T_x$	$e_x$
0	0.00288	0.00287	100000	287	99730	0.99634 (1)	8053217	80.5
1	0.00042	0.00166	99713	166	398441	0.99851 (2)	7953488	79.8
5	0.00025	0.00123	99547	122	497431	0.99874	7555046	75.9
10	0.00026	0.00129	99425	128	496805	0.99820	7057615	71.0
15	0.00050	0.00251	99297	249	495910	0.99700	6560810	66.1
20	0.00067	0.00334	99048	331	494422	0.99679	6064900	61.2
25	0.00059	0.00297	98717	293	492834	0.99726	5570479	56.4
30	0.00051	0.00257	98424	253	491484	0.99733	5077644	51.6
35	0.00058	0.00289	98171	284	490173	0.99654	4586161	46.7
40	0.00084	0.00421	97887	412	488479	0.99458	4095988	41.8
45	0.00139	0.00693	97475	676	485830	0.99082	3607510	37.0
50	0.00240	0.01194	96799	1156	481368	0.98402	3121679	32.2
55	0.00422	0.02089	95643	1998	473677	0.97197	2640311	27.6
60	0.00746	0.03670	93645	3437	460401	0.95085	2166634	23.1
65	0.01324	0.06426	90209	5797	437774	0.91452	1706233	18.9
70	0.02346	0.11125	84412	9391	400352	0.85388	1268459	15.0
75	0.04136	0.18847	75021	14139	341852	0.75817	868107	11.6
80	0.07223	0.30747	60882	18719	259180	0.50750 (3)	526255	8.6
85	0.15787	...	42163	42163	267075	...	267075	6.3

(1) Value given is for survivorship of 5 cohorts of birth to age group 0-4 =  ${}_5L_0/500000$

(2) Value given is for  ${}_5S_0 = {}_5L_5/{}_5L_0$

(3) Value given is  ${}_5S_{80+} = T_{85}/T_{80}$

**Ratnapura District - Male**

Age	$n m_x$	$n q_x$	$l_x$	$n d_x$	$n L_x$	$n S_x$	$T_x$	$e_x$
0	0.01685	0.01660	100000	1660	98490	0.98263 (1)	7203878	72.0
1	0.00057	0.00226	98340	222	392827	0.99791 (2)	7105389	72.3
5	0.00024	0.00122	98118	120	490289	0.99847	6712561	68.4
10	0.00037	0.00185	97998	181	489537	0.99709	6222272	63.5
15	0.00091	0.00453	97817	443	488112	0.99370	5732735	58.6
20	0.00163	0.00810	97374	789	485038	0.99042	5244623	53.9
25	0.00219	0.01089	96585	1052	480391	0.98811	4759585	49.3
30	0.00258	0.01281	95533	1224	474679	0.98624	4279193	44.8
35	0.00299	0.01483	94309	1399	468145	0.98362	3804515	40.3
40	0.00368	0.01826	92911	1697	460478	0.97892	3336369	35.9
45	0.00496	0.02449	91214	2234	450772	0.97063	2875891	31.5
50	0.00716	0.03520	88980	3132	437533	0.95679	2425119	27.3
55	0.01080	0.05268	85848	4522	418629	0.93470	1987586	23.2
60	0.01666	0.08016	81326	6519	391293	0.90058	1568957	19.3
65	0.02592	0.12210	74807	9134	352390	0.84948	1177663	15.7
70	0.04038	0.18408	65673	12089	299349	0.77586	825273	12.6
75	0.06271	0.27180	53584	14564	232253	0.67557	525924	9.8
80	0.09662	0.38851	39020	15160	156903	0.46572 (3)	293671	7.5
85	0.17446	...	23860	23860	136768	...	136768	5.7

**Ratnapura District - Female**

Age	$n m_x$	$n q_x$	$l_x$	$n d_x$	$n L_x$	$n S_x$	$T_x$	$e_x$
0	0.01403	0.01385	100000	1385	98742	0.98541 (1)	7835603	78.4
1	0.00050	0.00201	98615	198	393965	0.99806 (2)	7736861	78.5
5	0.00027	0.00135	98417	133	491752	0.99866	7342896	74.6
10	0.00027	0.00133	98284	131	491093	0.99823	6851144	69.7
15	0.00048	0.00242	98153	238	490221	0.99697	6360052	64.8
20	0.00072	0.00359	97916	352	488734	0.99619	5869831	59.9
25	0.00078	0.00391	97564	381	486873	0.99610	5381096	55.2
30	0.00078	0.00390	97183	379	484974	0.99593	4894223	50.4
35	0.00087	0.00436	96804	422	482999	0.99498	4409249	45.5
40	0.00118	0.00590	96382	569	480573	0.99264	3926250	40.7
45	0.00184	0.00918	95813	880	477037	0.98810	3445677	36.0
50	0.00306	0.01521	94933	1444	471361	0.98000	2968640	31.3
55	0.00522	0.02579	93489	2411	461933	0.96597	2497279	26.7
60	0.00897	0.04395	91078	4003	446215	0.94214	2035346	22.3
65	0.01545	0.07460	87075	6496	420398	0.90249	1589131	18.3
70	0.02657	0.12510	80580	10081	379405	0.83861	1168733	14.5
75	0.04546	0.20518	70499	14465	318172	0.74128	789328	11.2
80	0.07705	0.32431	56034	18172	235853	0.49942 (3)	471157	8.4
85	0.16091	...	37862	37862	235303	...	235303	6.2

(1) Value given is for survivorship of 5 cohorts of birth to age group 0-4 =  ${}_5L_0/500000$

(2) Value given is for  ${}_5S_0 = {}_5L_5/{}_5L_0$

(3) Value given is  ${}_5S_{80+} = T_{85}/T_{80}$

**Kegalle District - Male**

Age	$n m_x$	$n q_x$	$l_x$	$n d_x$	$n L_x$	$n S_x$	$T_x$	$e_x$
0	0.01006	0.00997	100000	997	99074	0.98938 (1)	7246093	72.5
1	0.00042	0.00169	99003	167	395614	0.99836 (2)	7147019	72.2
5	0.00025	0.00123	98836	122	493875	0.99857	6751405	68.3
10	0.00033	0.00163	98714	161	493168	0.99784	6257530	63.4
15	0.00059	0.00297	98553	293	492103	0.99603	5764362	58.5
20	0.00102	0.00509	98261	500	490152	0.99361	5272258	53.7
25	0.00156	0.00778	97760	761	487021	0.99066	4782107	48.9
30	0.00221	0.01101	97000	1068	482470	0.98710	4295086	44.3
35	0.00301	0.01494	95932	1433	476247	0.98264	3812616	39.7
40	0.00405	0.02004	94499	1894	467982	0.97660	3336369	35.3
45	0.00552	0.02723	92605	2522	457032	0.96780	2868387	31.0
50	0.00774	0.03799	90083	3422	442313	0.95429	2411355	26.8
55	0.01125	0.05480	86661	4749	422096	0.93303	1969042	22.7
60	0.01693	0.08142	81912	6669	393827	0.89941	1546946	18.9
65	0.02623	0.12346	75243	9289	354212	0.84703	1153119	15.3
70	0.04140	0.18833	65953	12421	300030	0.76826	798907	12.1
75	0.06598	0.28412	53532	15210	230501	0.65687	498877	9.3
80	0.10517	0.41551	38323	15923	151409	0.43583 (3)	268376	7.0
85	0.19150	...	22399	22399	116968	...	116968	5.2

**Kegalle District - Female**

Age	$n m_x$	$n q_x$	$l_x$	$n d_x$	$n L_x$	$n S_x$	$T_x$	$e_x$
0	0.00627	0.00623	100000	623	99420	0.99314 (1)	7997527	80.0
1	0.00036	0.00145	99377	144	397150	0.99875 (2)	7898107	79.5
5	0.00017	0.00086	99233	85	495951	0.99917	7500958	75.6
10	0.00016	0.00080	99148	79	495540	0.99903	7005006	70.7
15	0.00024	0.00121	99068	120	495061	0.99853	6509467	65.7
20	0.00035	0.00174	98948	172	494332	0.99805	6014406	60.8
25	0.00043	0.00213	98776	210	493370	0.99771	5520074	55.9
30	0.00049	0.00246	98566	242	492240	0.99731	5026704	51.0
35	0.00060	0.00298	98323	293	490915	0.99654	4534465	46.1
40	0.00082	0.00407	98030	399	489216	0.99493	4043550	41.2
45	0.00127	0.00634	97631	619	486734	0.99167	3554334	36.4
50	0.00217	0.01082	97012	1050	482679	0.98536	3067600	31.6
55	0.00391	0.01938	95963	1860	475612	0.97346	2584921	26.9
60	0.00719	0.03539	94103	3330	462990	0.95147	2109309	22.4
65	0.01334	0.06473	90773	5876	440523	0.91182	1646318	18.1
70	0.02473	0.11703	84897	9935	401679	0.84301	1205796	14.2
75	0.04562	0.20606	74961	15447	338620	0.73170	804117	10.7
80	0.08304	0.34571	59515	20575	247769	0.46773 (3)	465496	7.8
85	0.17885	...	38940	38940	217727	...	217727	5.6

(1) Value given is for survivorship of 5 cohorts of birth to age group 0-4 =  ${}_5L_0/500000$

(2) Value given is for  ${}_5S_0 = {}_5L_5/{}_5L_0$

(3) Value given is  ${}_5S_{80+} = T_{85}/T_{80}$



**Northern Province - Male**

Age	$n m_x$	$n q_x$	$l_x$	$n d_x$	$n L_x$	$n S_x$	$T_x$	$e_x$
0	0.00849	0.00842	100000	842	99214	0.98990 (1)	5992274	59.9
1	0.00095	0.00381	99158	378	395736	0.99645 (2)	5893060	59.4
5	0.00057	0.00286	98780	283	493195	0.99703	5497324	55.7
10	0.00062	0.00309	98498	304	491728	0.98983	5004129	50.8
15	0.00484	0.02400	98193	2357	486728	0.94462	4512402	46.0
20	0.01881	0.09024	95837	8648	459773	0.90019	4025674	42.0
25	0.01993	0.09462	87188	8250	413882	0.92759	3565901	40.9
30	0.00996	0.04842	78939	3822	383914	0.96603	3152019	39.9
35	0.00474	0.02338	75116	1756	370873	0.97853	2768105	36.9
40	0.00437	0.02163	73360	1587	362909	0.97465	2397232	32.7
45	0.00621	0.03058	71773	2195	353710	0.96203	2034323	28.3
50	0.00957	0.04682	69579	3258	340279	0.94154	1680613	24.2
55	0.01492	0.07210	66321	4782	320387	0.91030	1340334	20.2
60	0.02328	0.11032	61539	6789	291648	0.86378	1019947	16.6
65	0.03623	0.16670	54750	9127	251919	0.79657	728299	13.3
70	0.05614	0.24695	45623	11267	200672	0.70384	476380	10.4
75	0.08640	0.35520	34357	12203	141241	0.58465	275708	8.0
80	0.13147	0.49005	22153	10856	82576	0.38590 (3)	134467	6.1
85	0.21771	...	11297	11297	51890	...	51890	4.6

**Northern Province - Female**

Age	$n m_x$	$n q_x$	$l_x$	$n d_x$	$n L_x$	$n S_x$	$T_x$	$e_x$
0	0.00795	0.00789	100000	789	99269	0.99048 (1)	7377892	73.8
1	0.00088	0.00353	99211	350	395972	0.99704 (2)	7278623	73.4
5	0.00043	0.00214	98861	212	493775	0.99763	6882651	69.6
10	0.00052	0.00260	98649	256	492605	0.99402	6388876	64.8
15	0.00224	0.01115	98393	1097	489660	0.98463	5896271	59.9
20	0.00364	0.01802	97296	1753	482133	0.98400	5406611	55.6
25	0.00258	0.01279	95542	1222	474418	0.99023	4924478	51.5
30	0.00146	0.00727	94320	686	469783	0.99349	4450060	47.2
35	0.00126	0.00628	93635	588	466723	0.99279	3980276	42.5
40	0.00173	0.00863	93047	803	463356	0.98905	3513554	37.8
45	0.00278	0.01383	92244	1276	458282	0.98207	3050198	33.1
50	0.00462	0.02286	90968	2080	450064	0.97024	2591916	28.5
55	0.00774	0.03801	88888	3379	436669	0.95058	2141852	24.1
60	0.01299	0.06305	85510	5391	415087	0.91845	1705183	19.9
65	0.02178	0.10366	80118	8305	381236	0.86721	1290096	16.1
70	0.03642	0.16768	71813	12042	330612	0.78862	908860	12.7
75	0.06051	0.26395	59772	15777	260727	0.67589	578248	9.7
80	0.09939	0.39812	43995	17515	176223	0.44500 (3)	317521	7.2
85	0.18740	...	26480	26480	141298	...	141298	5.3

(1) Value given is for survivorship of 5 cohorts of birth to age group 0-4 =  ${}_5L_0/500000$

(2) Value given is for  ${}_5S_0 = {}_5L_5/{}_5L_0$

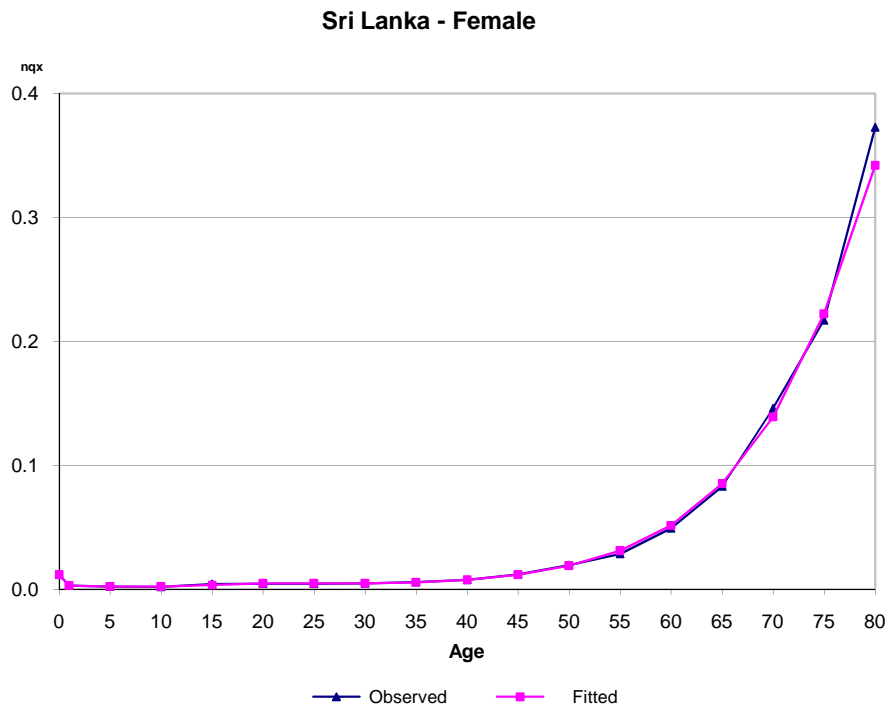
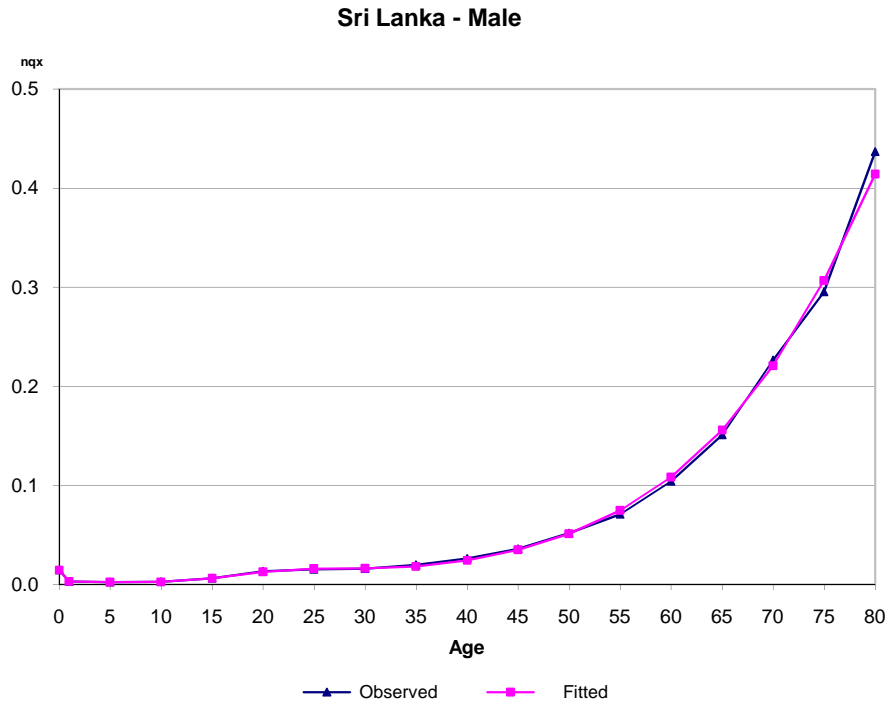
(3) Value given is  ${}_5S_{80+} = T_{85}/T_{80}$

## References

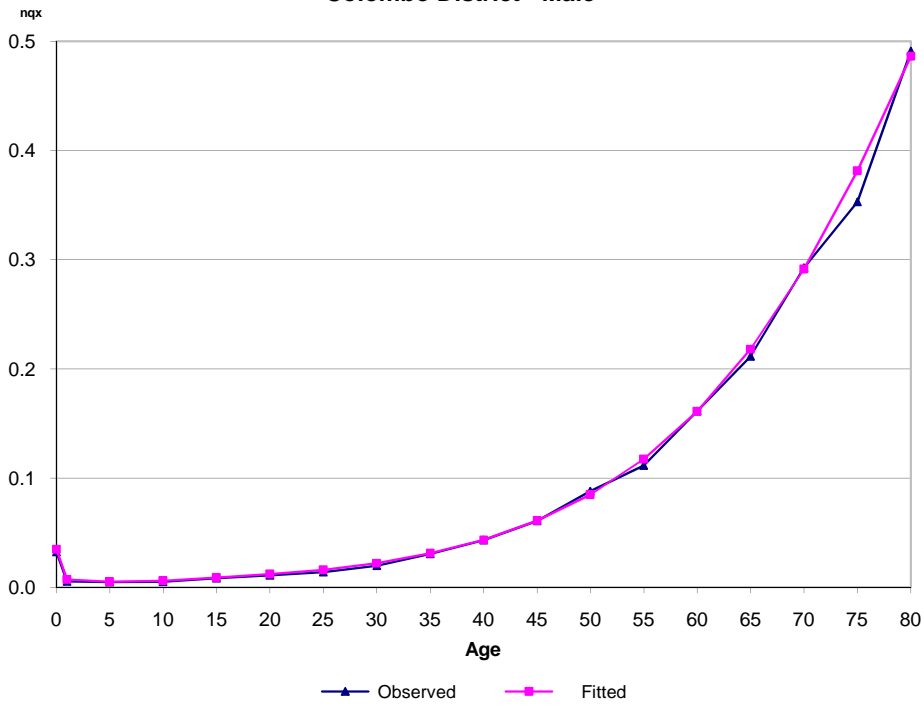
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## Appendix A

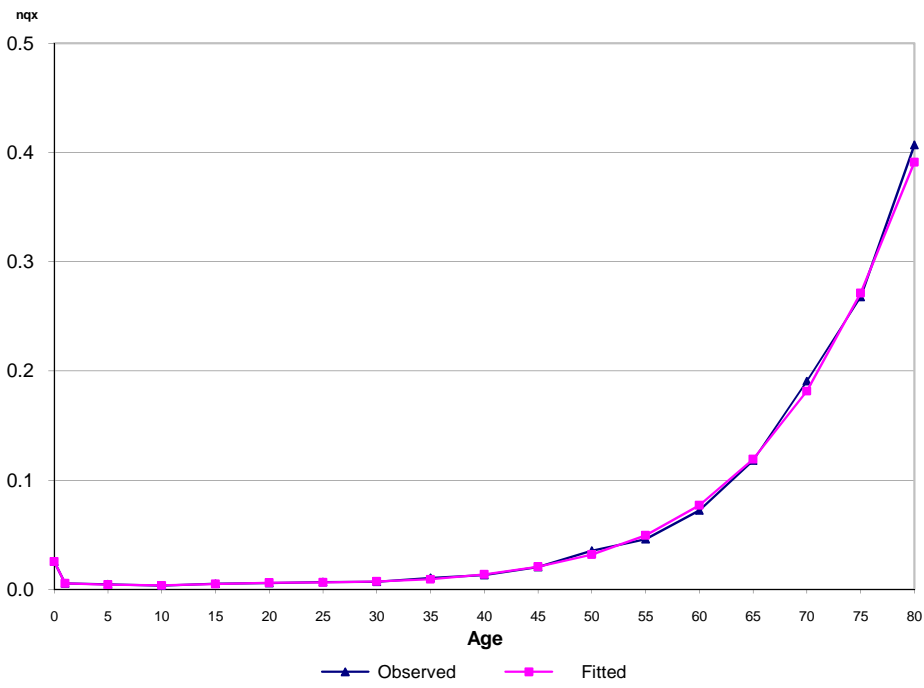
Figure A : Observed and fitted  ${}_nq_x$  by age and sex - Sri Lanka and districts, 2000 - 2002

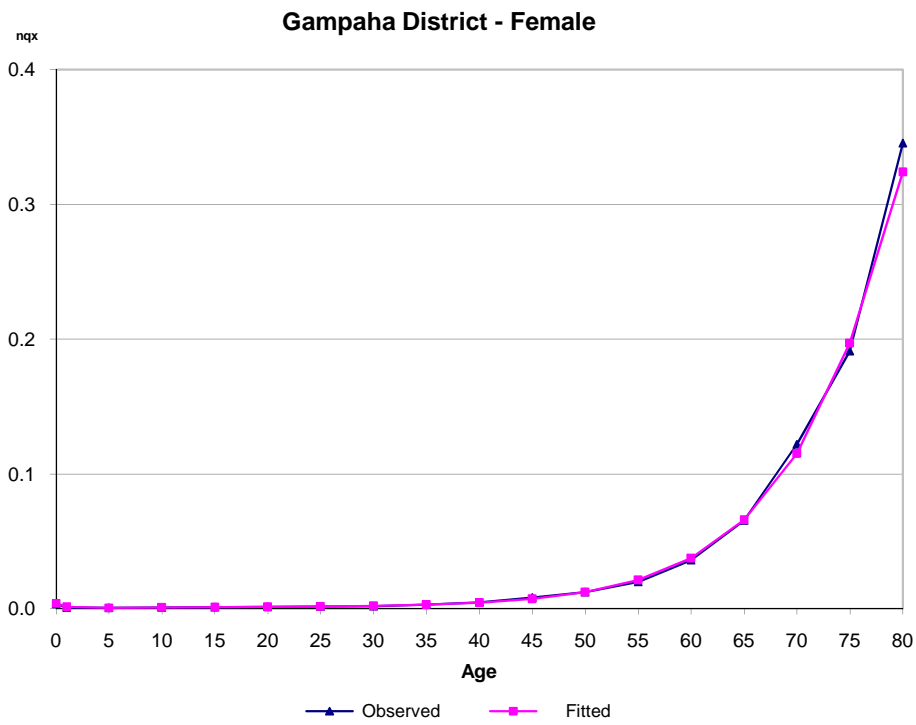
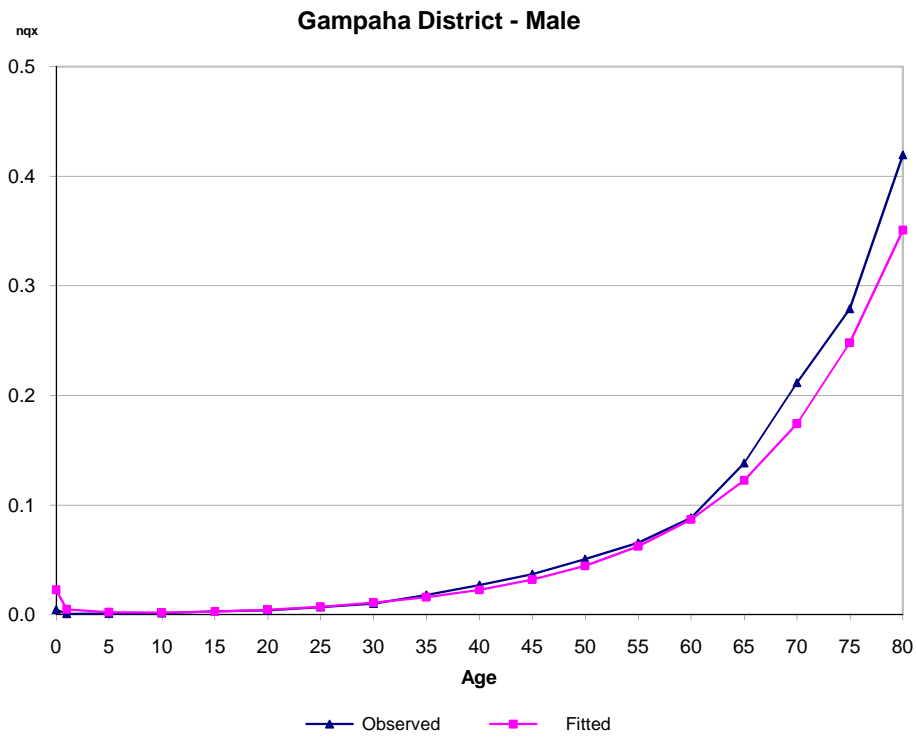


Colombo District - Male

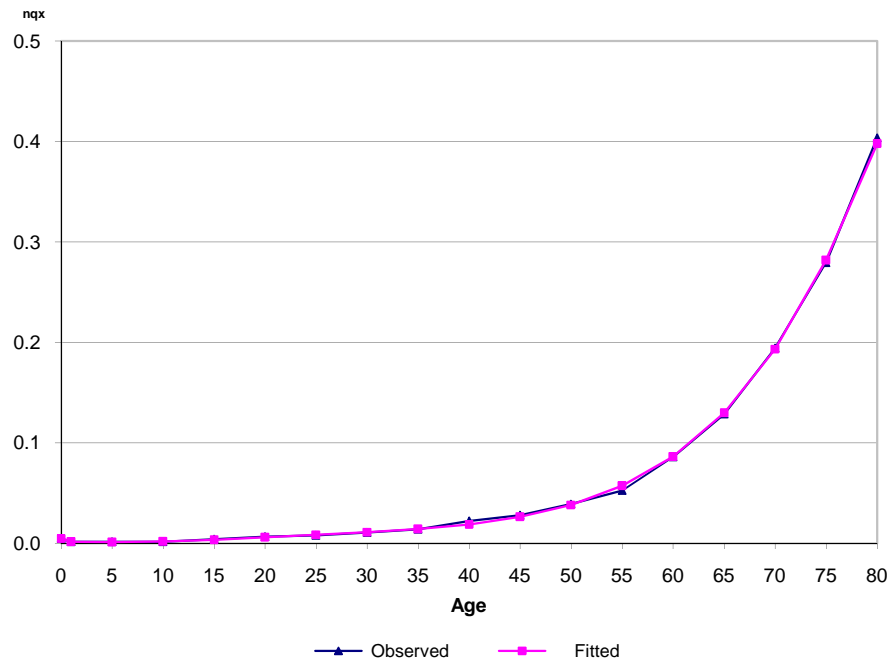


Colombo District - Female

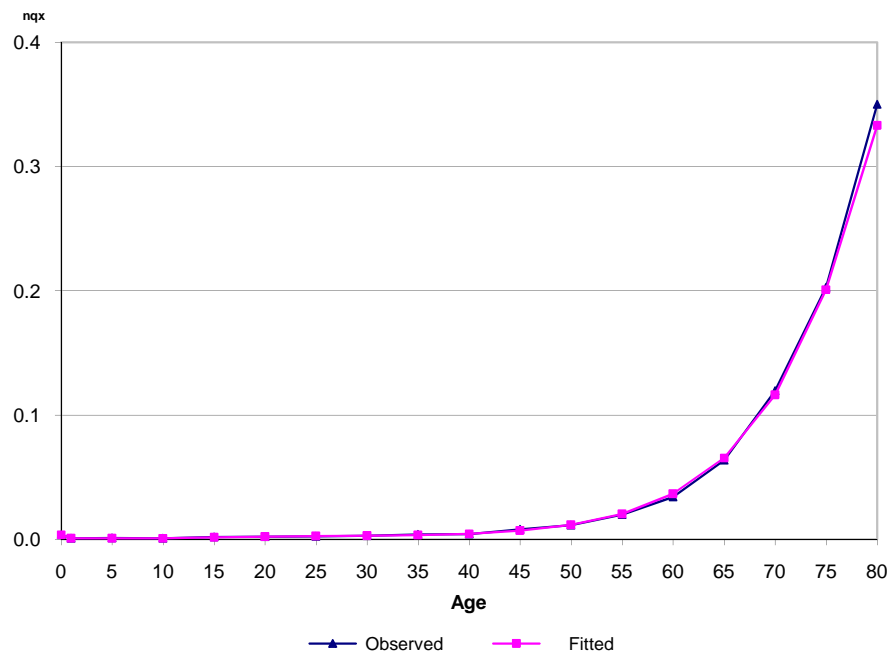




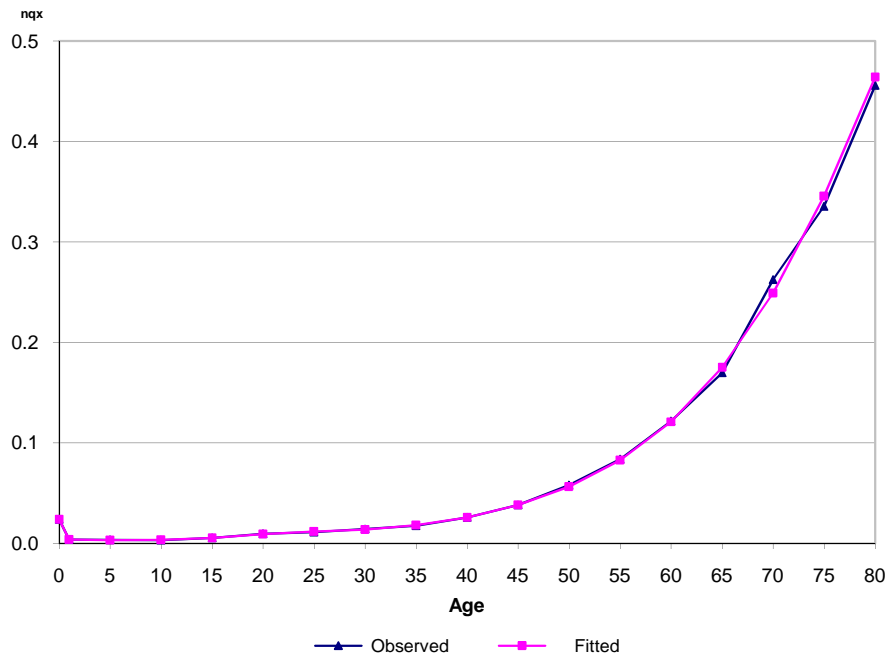
Kalutara District - Male



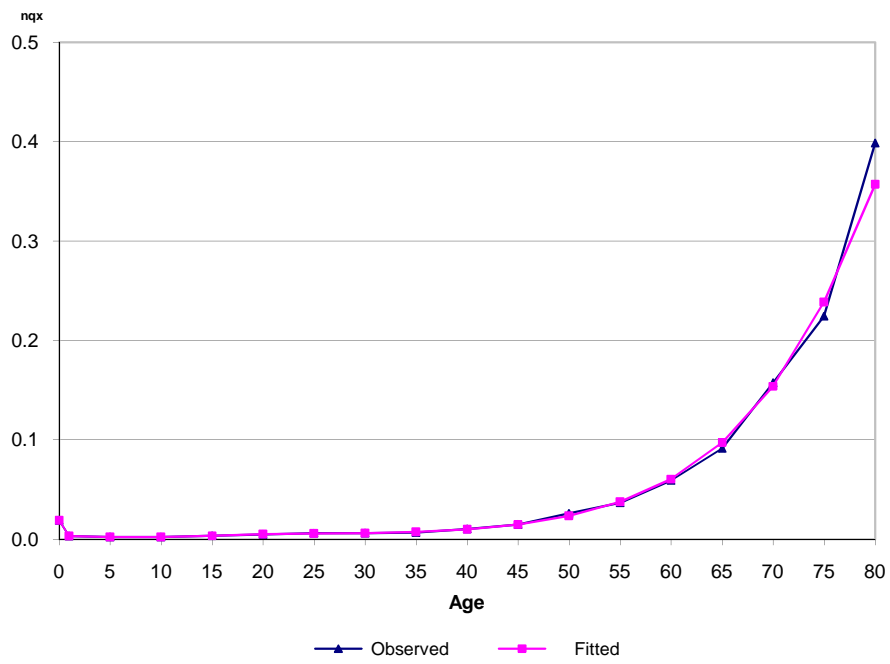
Kalutara District - Female



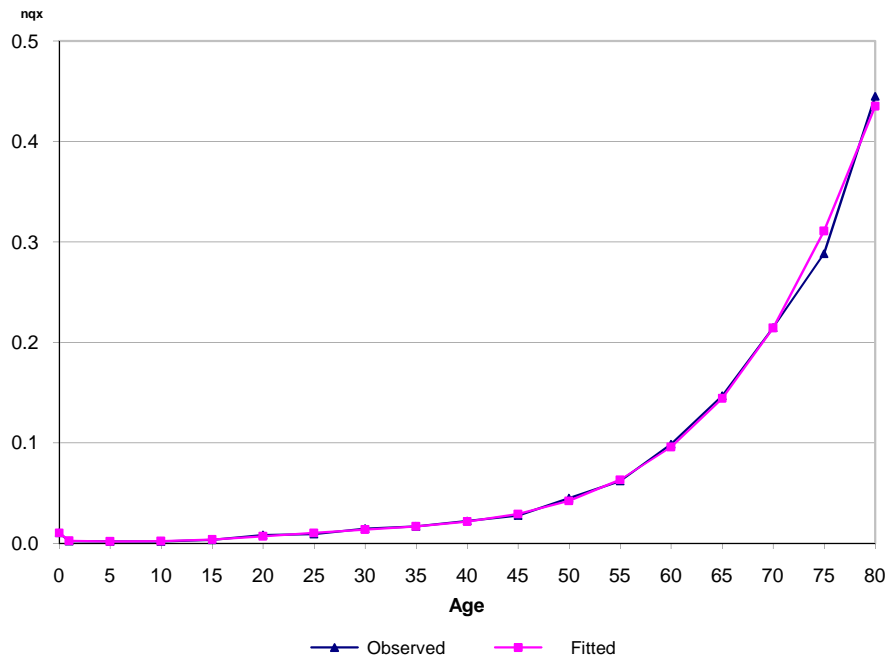
**Kandy District - Male**



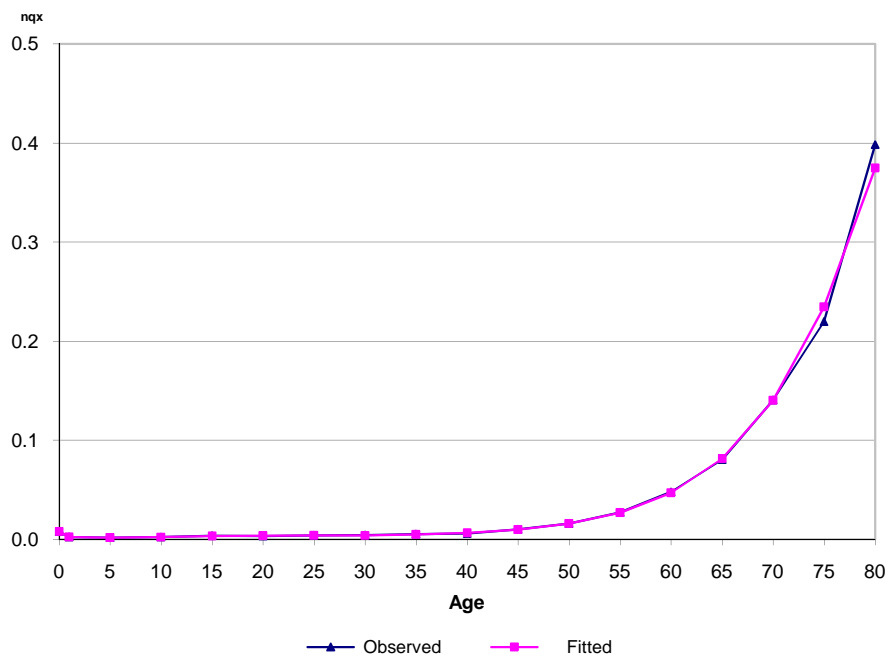
**Kandy District - Female**



**Matale District - Male**

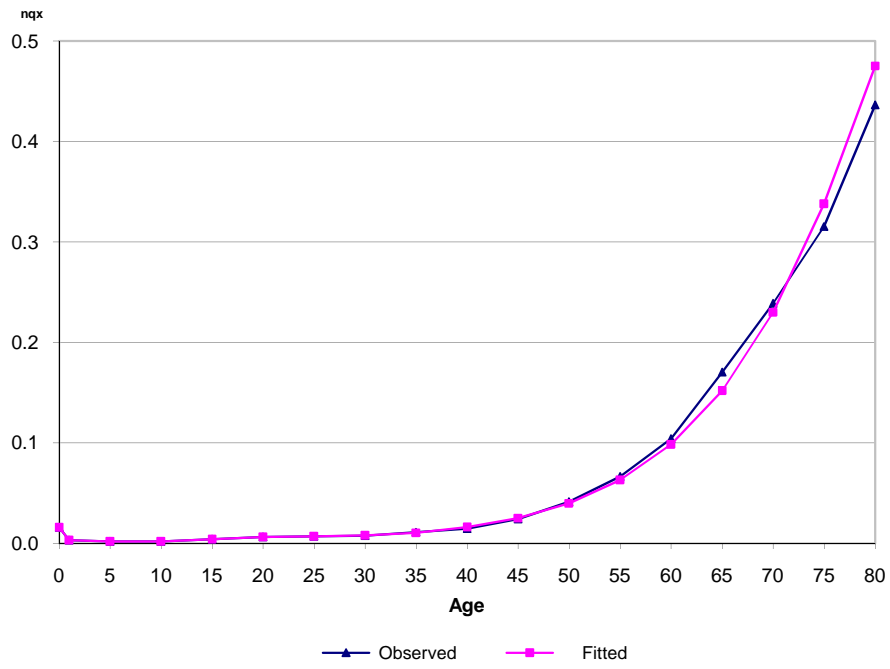


**Matale District - Female**

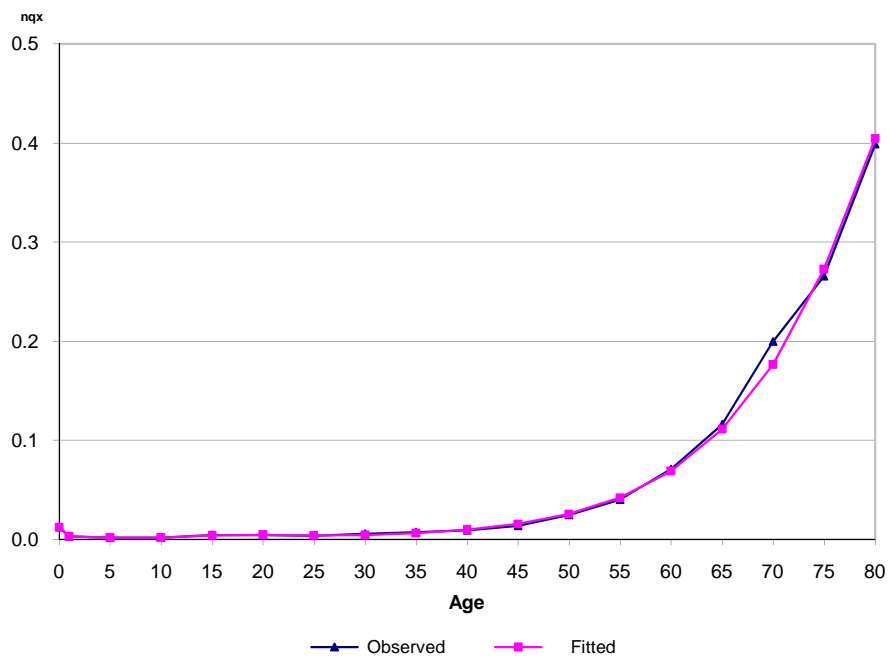




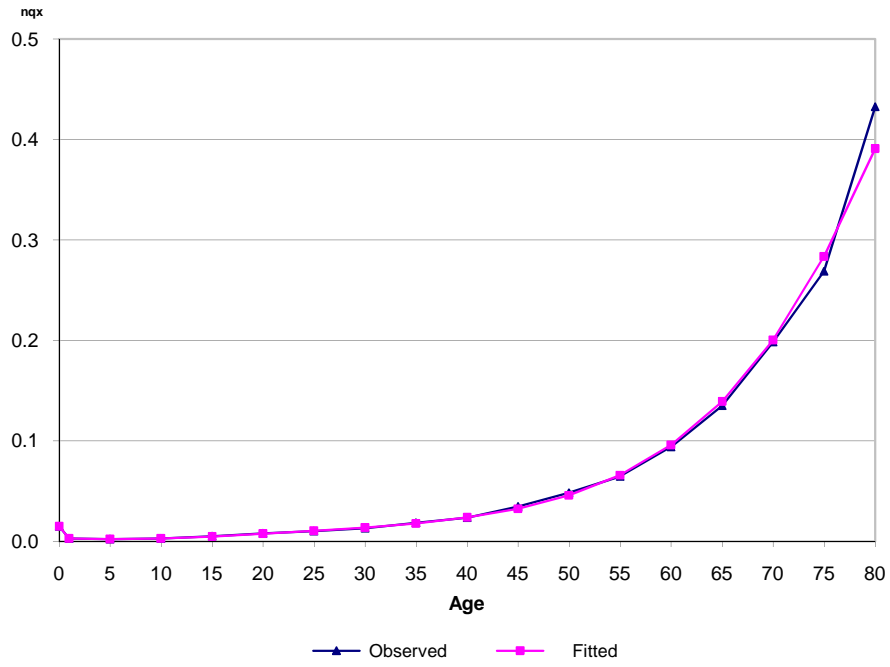
Nuwara Eliya District - Male



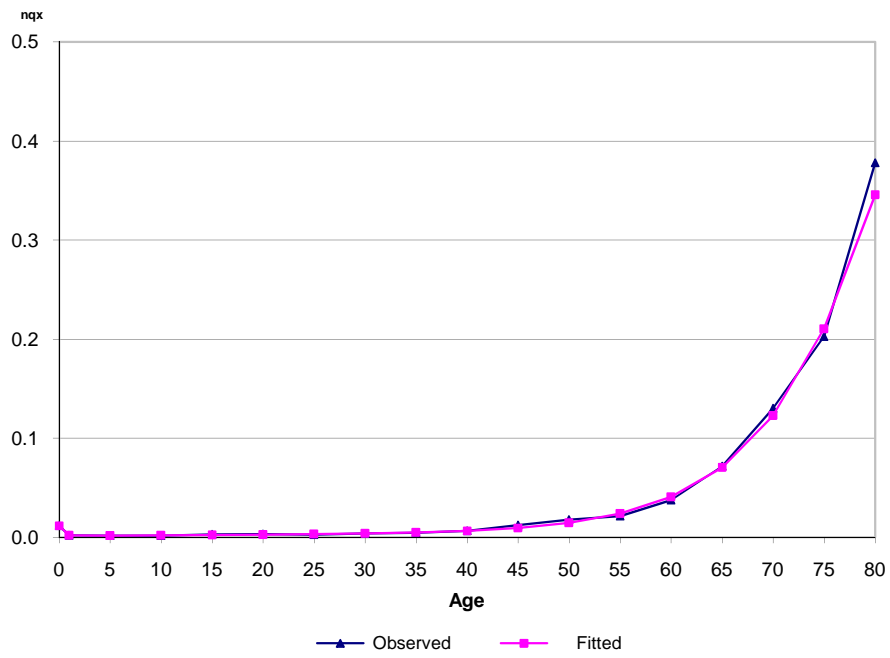
Nuwara Eliya District - Female



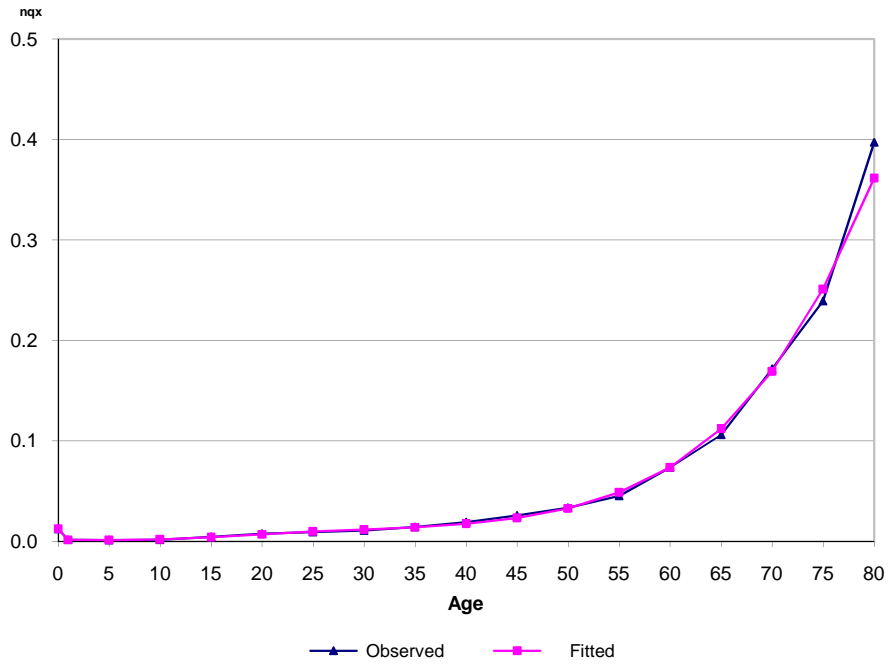
**Galle District - Male**



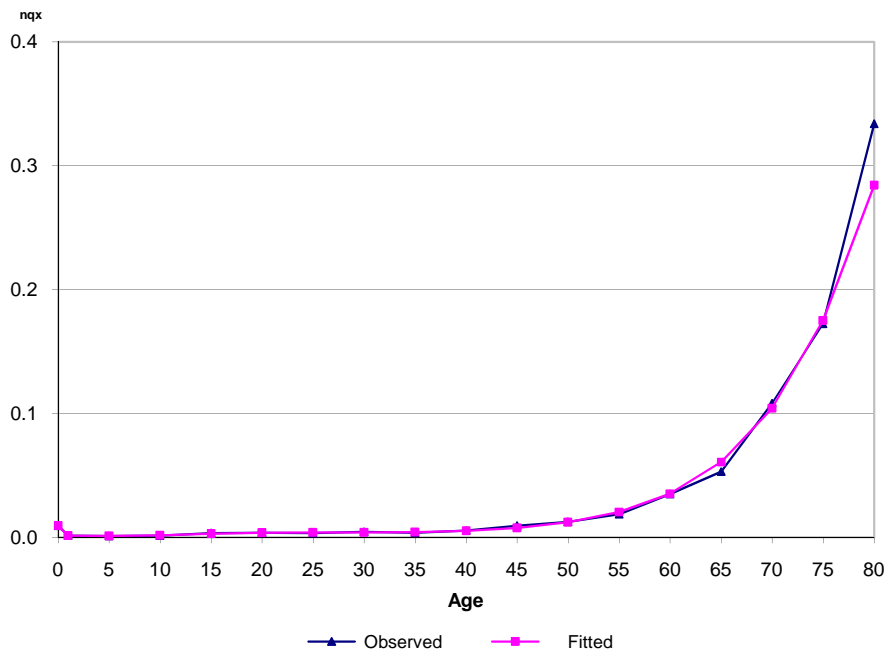
**Galle District - Female**



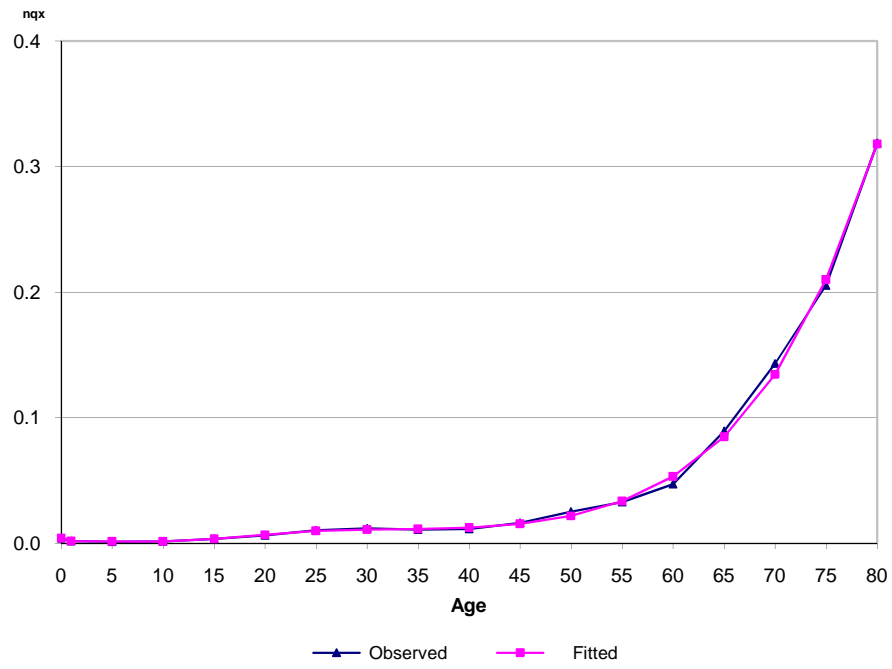
Matara District - Male



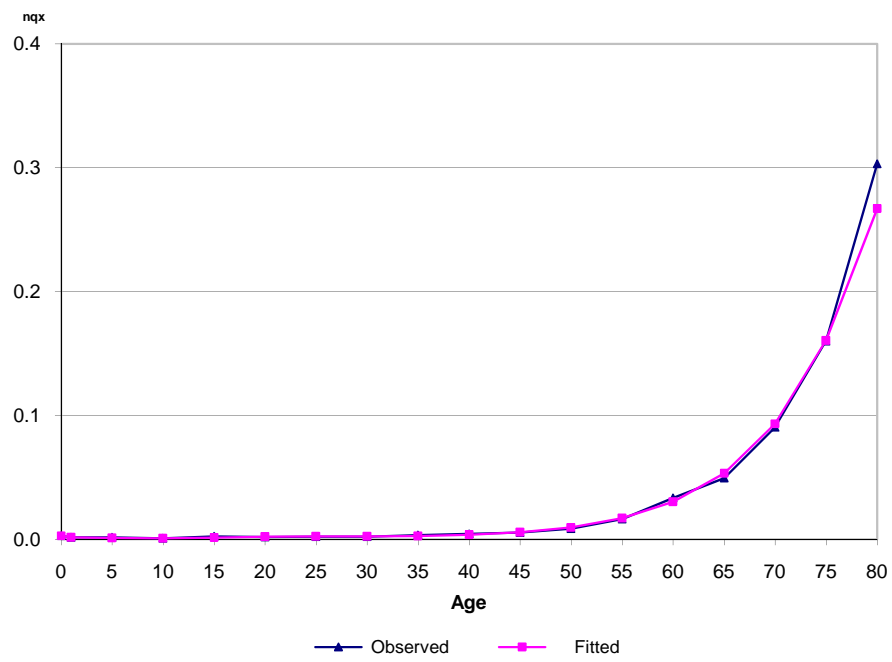
Matara District - Female



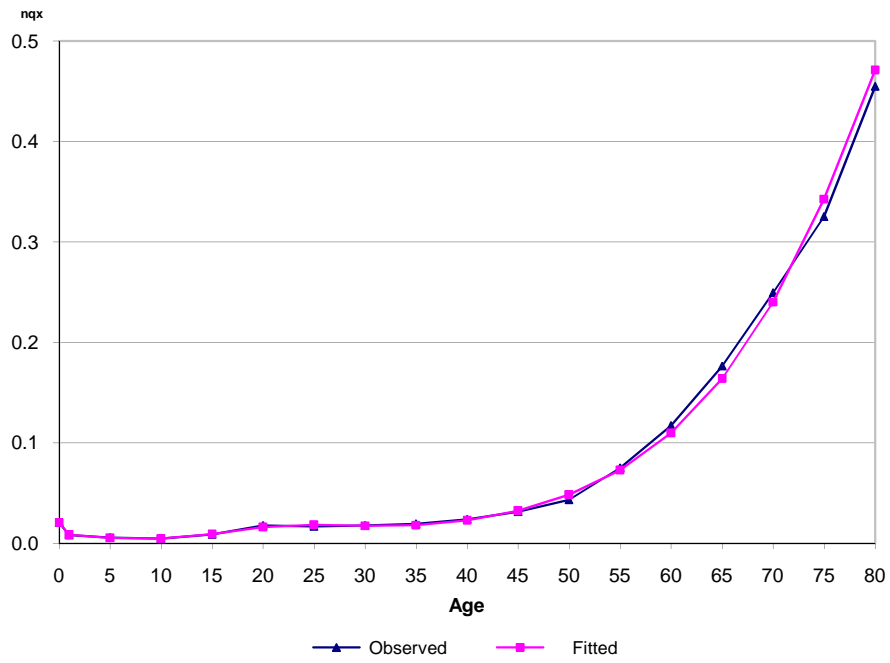
### Hambantota District - Male



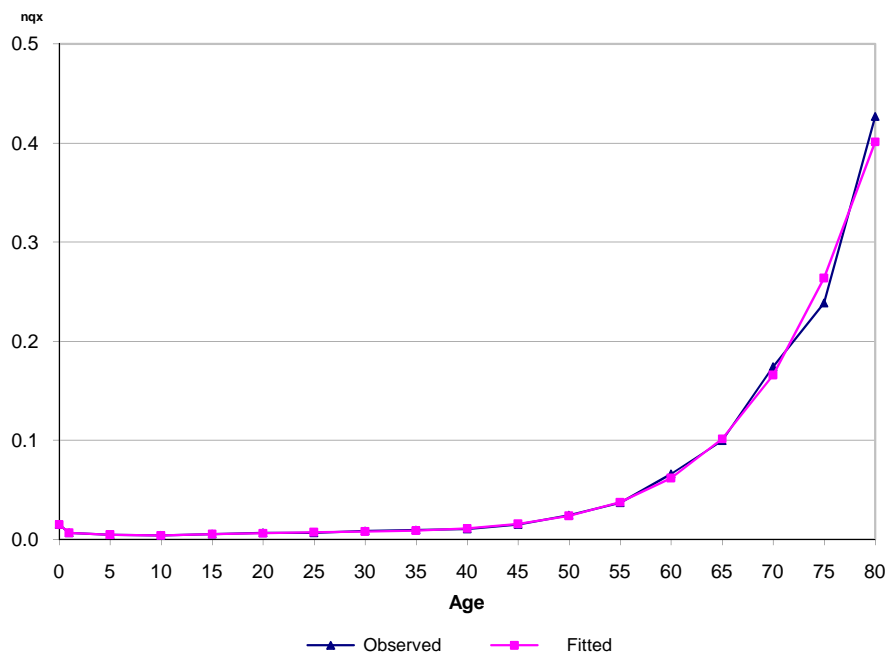
### Hambantota District - Female



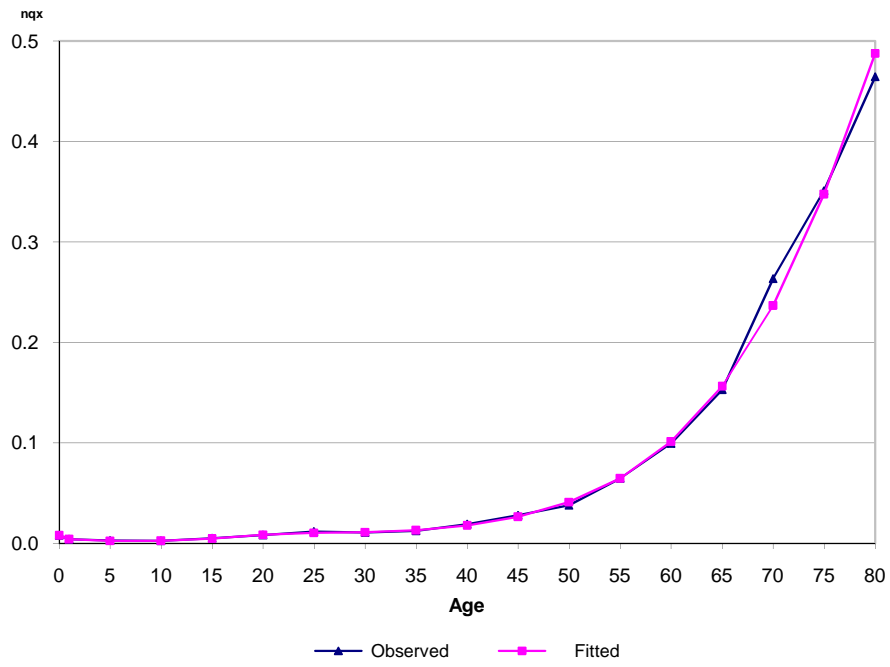
**Batticaloa District - Male**



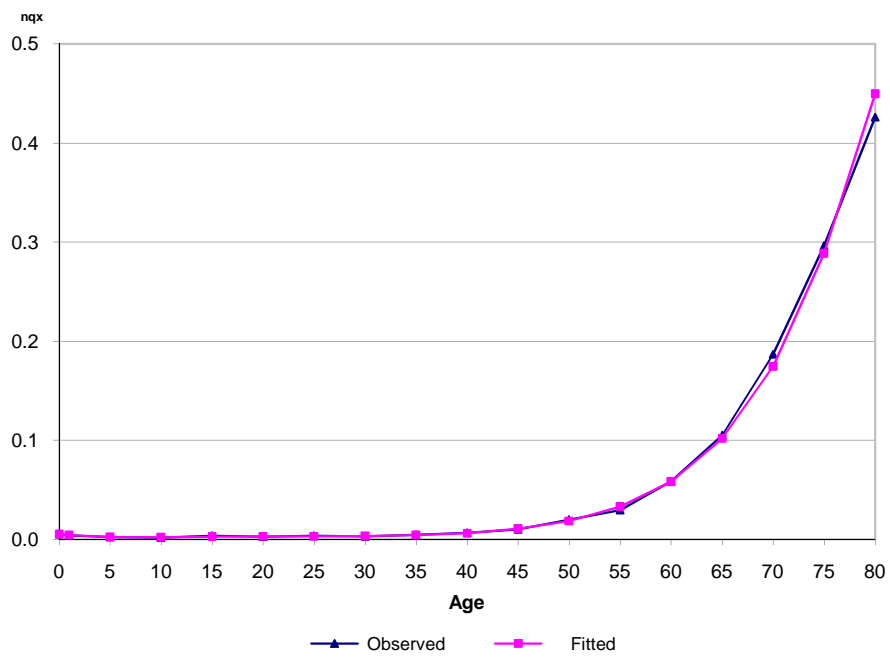
**Batticaloa District - Female**



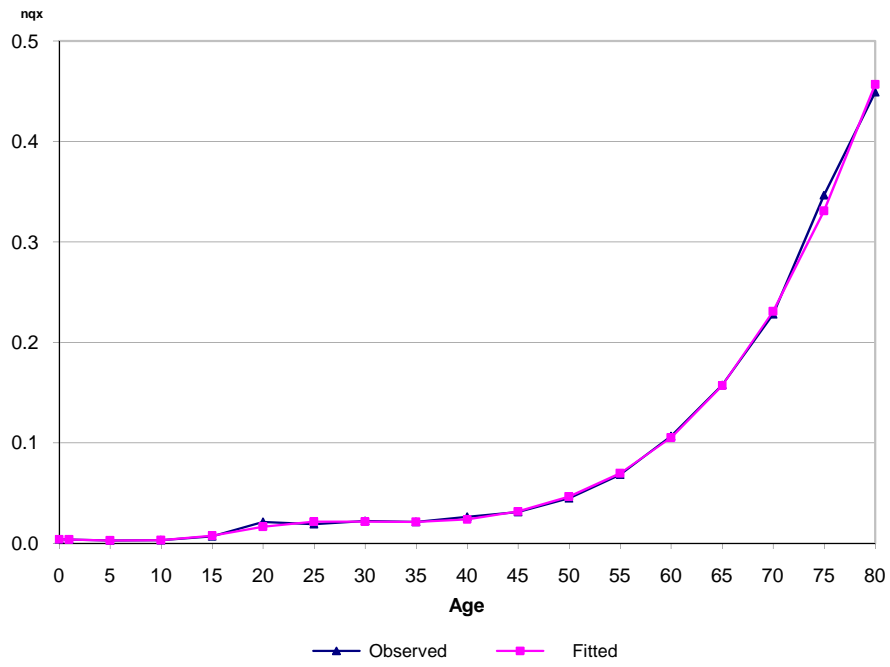
**Ampara District - Male**



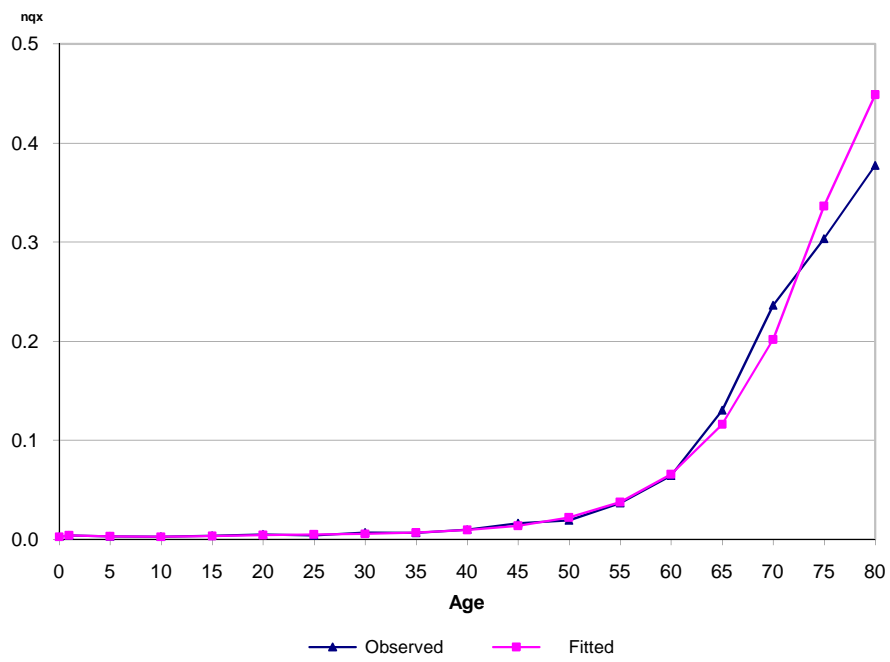
**Ampara District - Female**



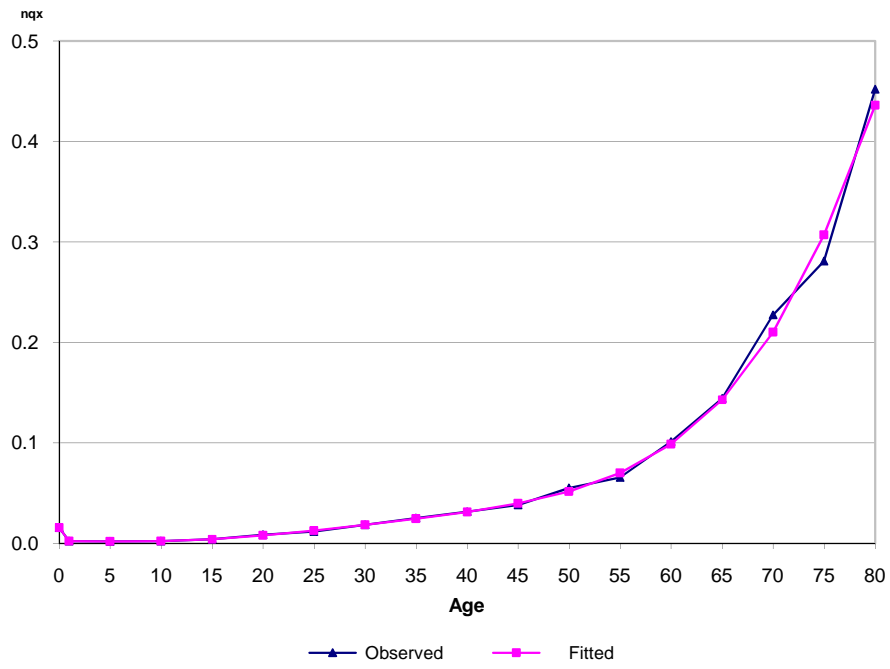
Trincomalee District - Male



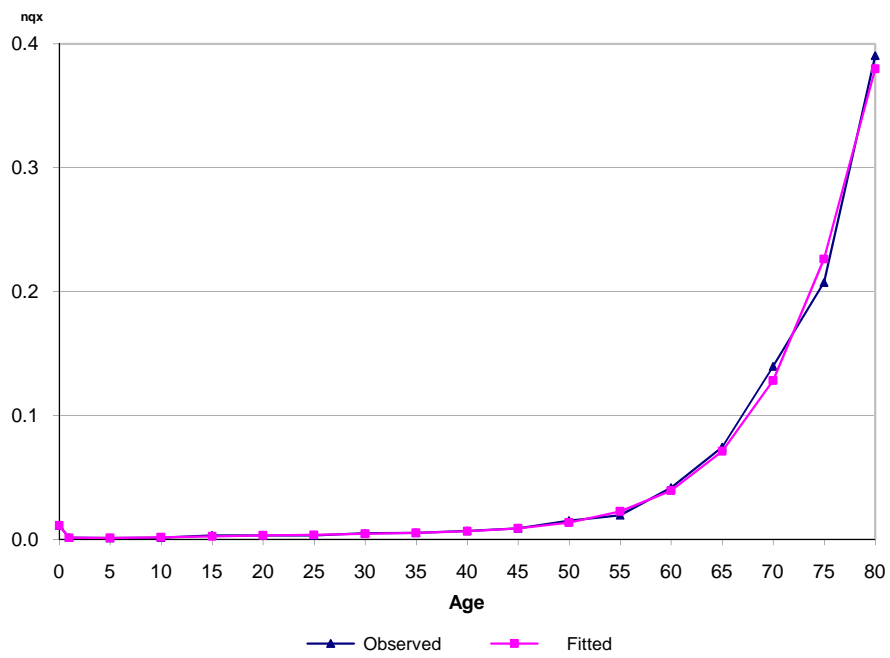
Trincomalee District - Female



Kurunegala District - Male

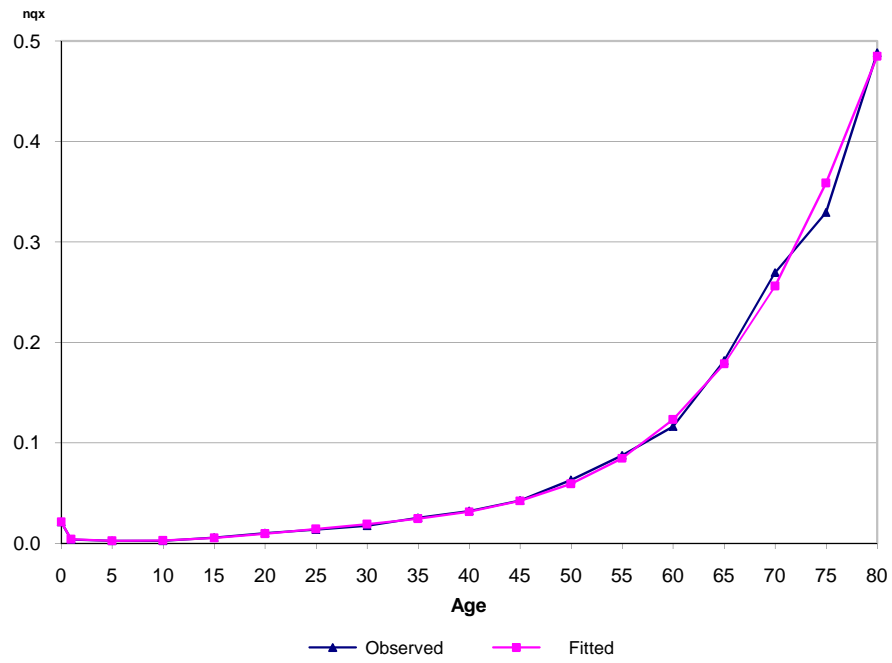


Kurunegala District - Female

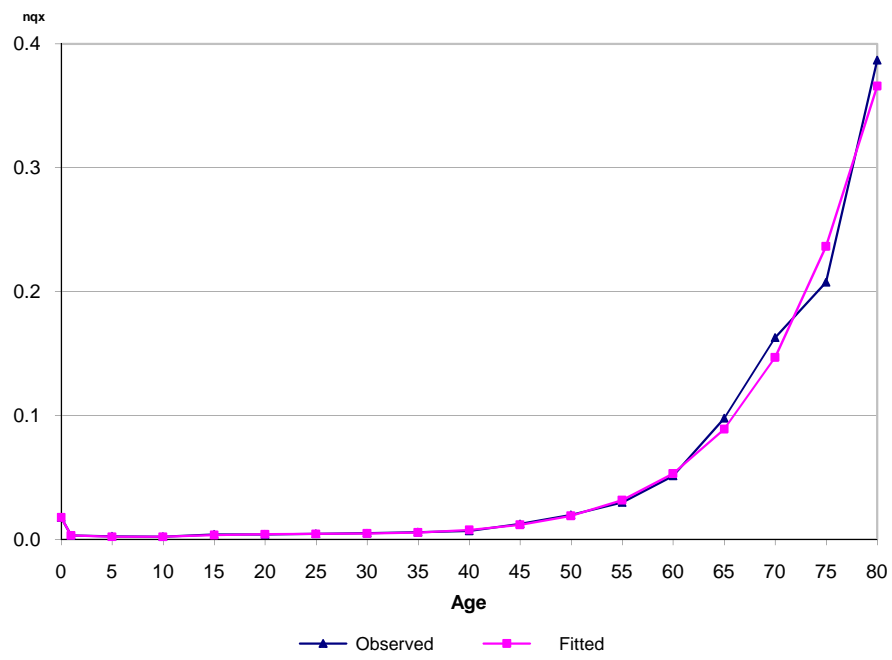




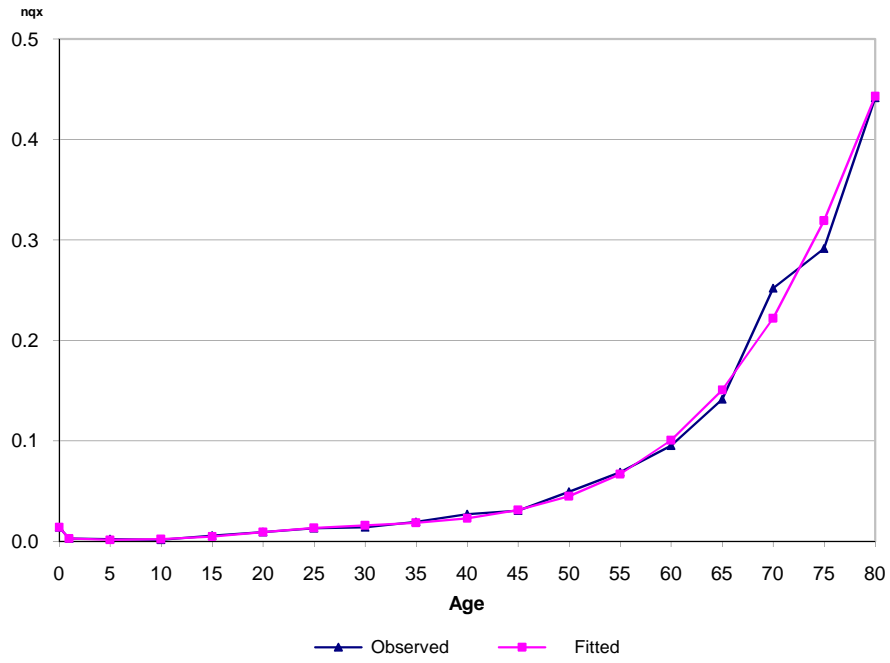
Anuradhapura District - Male



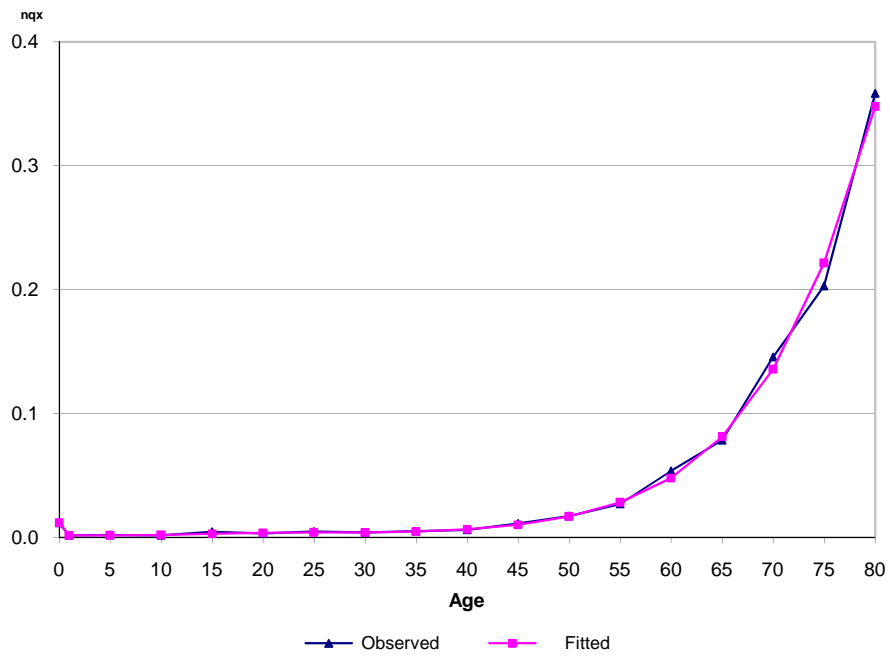
Anuradhapura District - Female



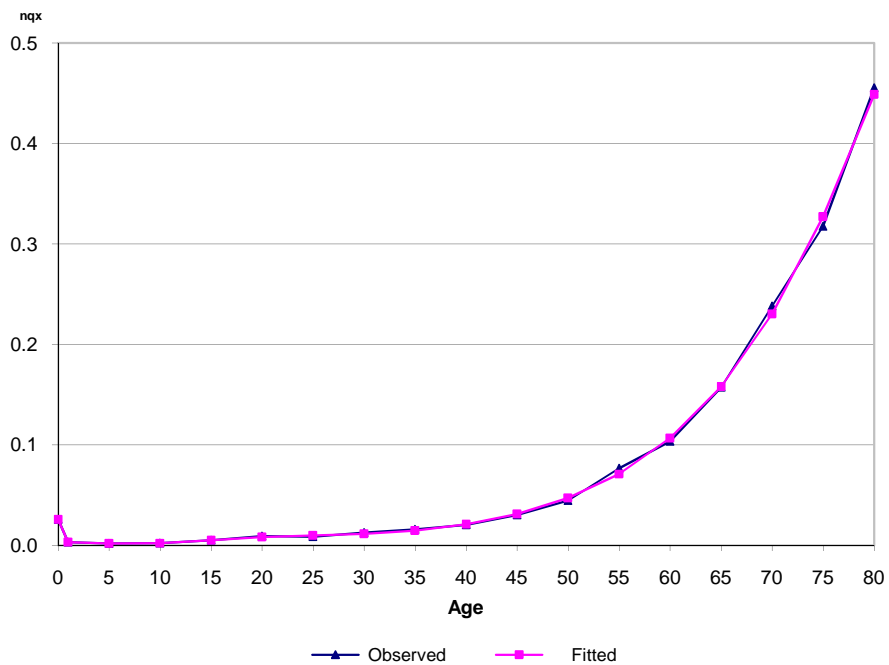
### Polonnaruwa District - Male



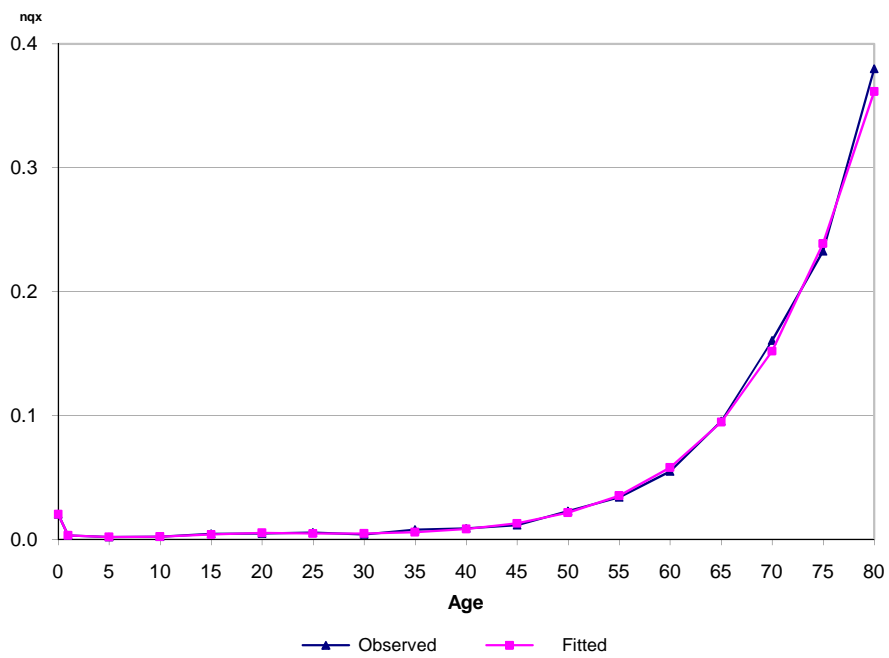
### Polonnaruwa District - Female



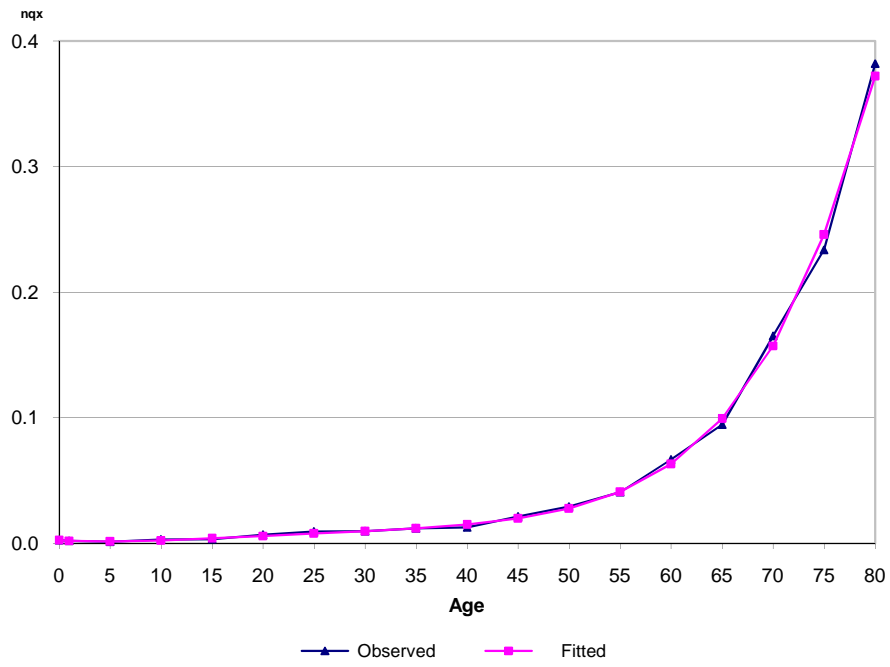
**Badulla District - Male**



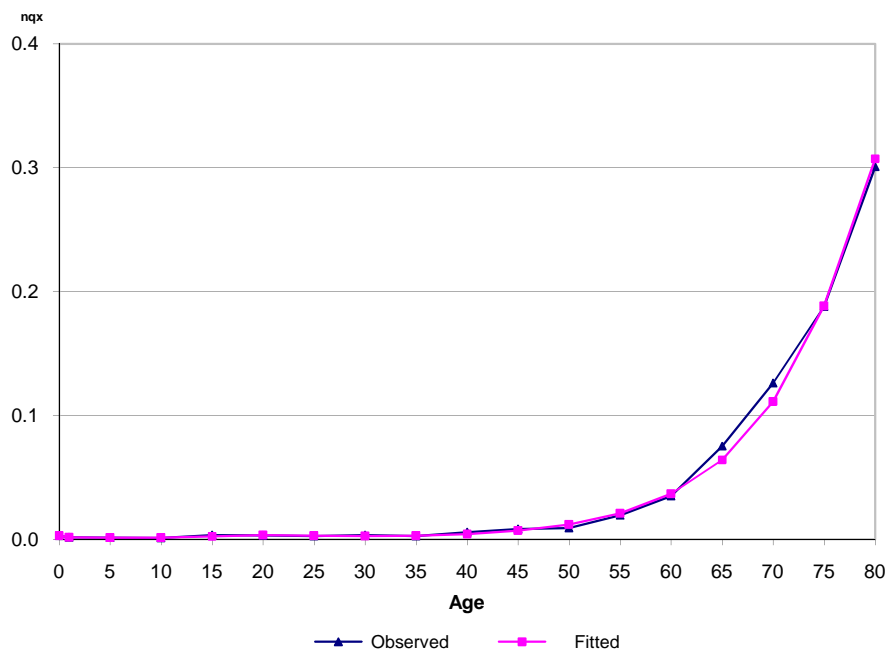
**Badulla District - Female**



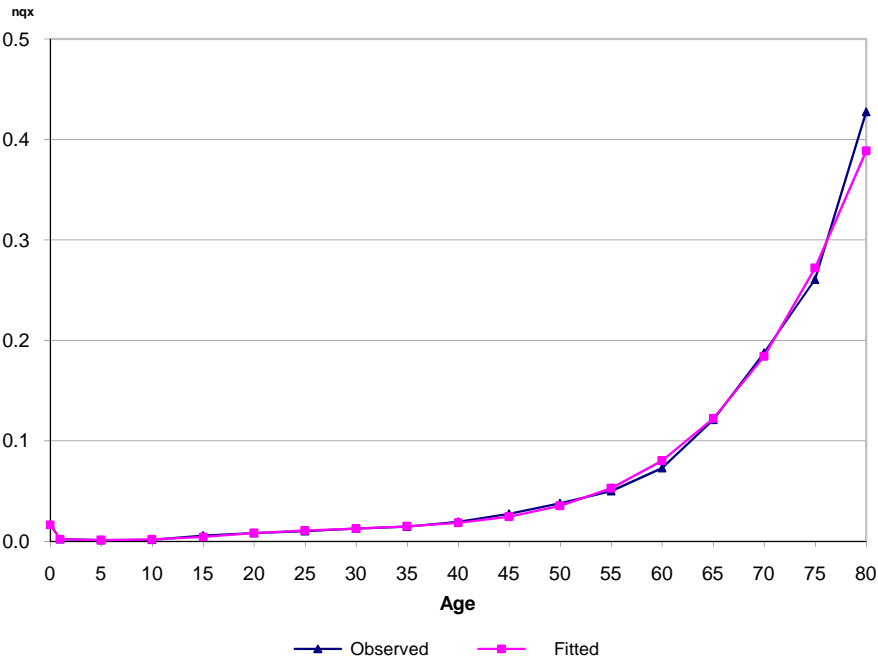
### Moneragala District - Male



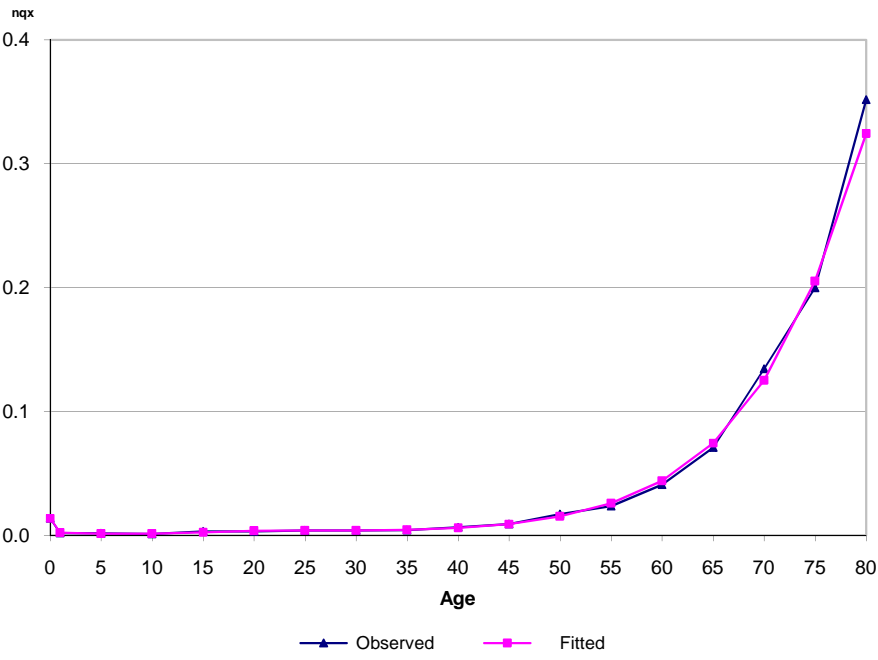
### Moneragala District - Female



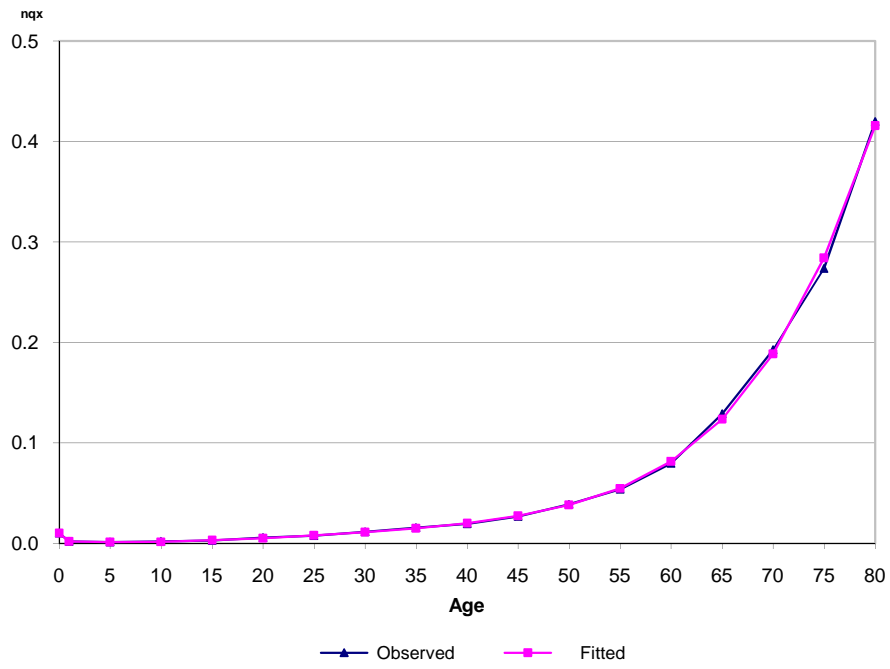
Ratnapura District - Male



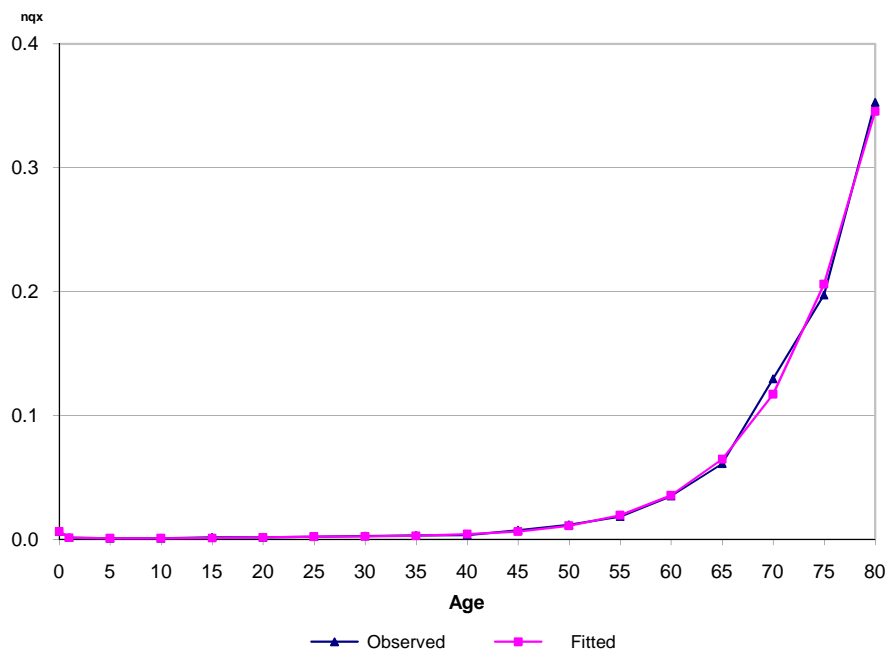
Ratnapura District - Female



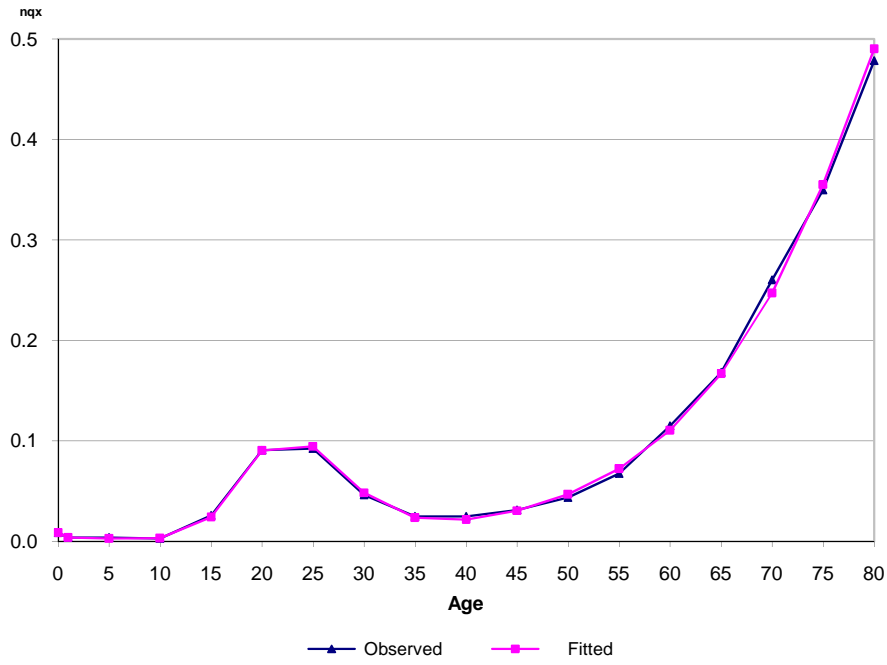
**Kegalle District - Male**



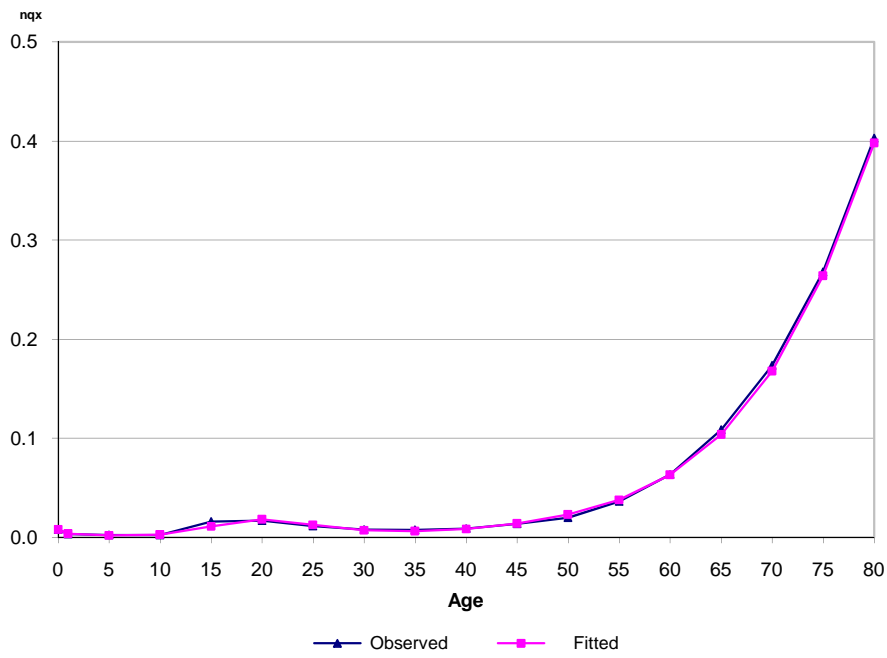
**Kegalle District - Female**



### Northern Province - Male



### Northern Province - Female



## Appendix B

**Table A : Distribution of population and deaths by age and sex, Sri Lanka and districts 2000-2002**

### Sri Lanka

Age group	Population		Deaths							
	Mid 2001		Male				Female			
	Male	Female	2000	2001	2002	$n^{m_x}$ 2000-02	2000	2001	2002	$n^{m_x}$ 2000-02
Under 01	170480	165160	2635	2576	2377	0.01483	2024	1943	1812	0.01166
01 - 04	665931	639478	535	493	457	0.00074	476	426	399	0.00068
05 - 09	862602	832380	465	397	342	0.00046	392	322	287	0.00040
10 - 14	878066	843973	427	428	430	0.00049	326	289	302	0.00036
15 - 19	934856	908166	1406	1070	977	0.00123	917	635	639	0.00080
20 - 24	891559	887522	2947	2325	1852	0.00266	878	676	746	0.00086
25 - 29	732406	755996	2711	2178	1765	0.00303	730	599	632	0.00087
30 - 34	701736	722323	2552	2167	1931	0.00316	790	649	579	0.00093
35 - 39	685759	701334	2901	2794	2506	0.00399	913	765	753	0.00115
40 - 44	639445	643480	3471	3467	3263	0.00532	1034	951	934	0.00151
45 - 49	557348	568448	4219	3962	4002	0.00729	1400	1353	1270	0.00236
50 - 54	494869	504449	5143	5277	5325	0.01060	1930	1932	2002	0.00388
55 - 59	351772	374052	5177	5161	5093	0.01462	2179	2151	2105	0.00573
60 - 64	260915	274710	5744	5729	5660	0.02189	2751	2813	2691	0.01002
65 - 69	202891	231897	6666	6515	6619	0.03253	4098	4018	3881	0.01724
70 - 74	152282	171782	7899	7705	7646	0.05089	5399	5314	5436	0.03134
75 - 79	94866	109921	6486	6466	6725	0.06914	5152	5300	5494	0.04835
80 - 84	51753	59117	5560	5809	5970	0.11168	5250	5385	5462	0.09077
85 and over	29258	34567	6043	6127	6302	0.21044	6574	6691	7197	0.19733
All ages	9358794	9428755	72987	70646	69242	0.00758	43213	42212	42621	0.00453

### Colombo District

Age group	Population		Deaths							
	Mid 2001		Male				Female			
	Male	Female	2000	2001	2002	$n^{m_x}$ 2000-02	2000	2001	2002	$n^{m_x}$ 2000-02
Under 01	17559	16987	553	608	591	0.03326	494	430	411	0.02620
01 - 04	67691	64216	99	97	79	0.00136	96	83	90	0.00140
05 - 09	82011	77842	83	80	67	0.00094	81	84	56	0.00095
10 - 14	80134	75693	69	82	93	0.00101	57	59	53	0.00074
15 - 19	104308	94507	214	169	133	0.00165	120	102	91	0.00110
20 - 24	135543	115968	342	283	278	0.00222	151	146	119	0.00120
25 - 29	112676	100153	297	359	285	0.00279	147	123	137	0.00136
30 - 34	100092	90776	403	415	377	0.00398	156	121	114	0.00143
35 - 39	89379	86011	603	553	513	0.00622	227	160	158	0.00212
40 - 44	80893	78897	728	721	689	0.00881	248	201	185	0.00267
45 - 49	69402	68638	897	814	896	0.01252	281	312	266	0.00417
50 - 54	64743	63797	1139	1239	1199	0.01841	464	441	478	0.00723
55 - 59	47111	49361	1114	1096	1123	0.02358	467	463	467	0.00944
60 - 64	33832	36012	1178	1181	1190	0.03497	510	550	557	0.01497
65 - 69	25317	29226	1198	1170	1217	0.04720	739	736	717	0.02501
70 - 74	18704	22749	1267	1256	1327	0.06859	960	965	943	0.04202
75 - 79	11868	15300	1035	978	1051	0.08603	923	942	964	0.06163
80 - 84	6363	8463	783	801	923	0.13138	821	867	895	0.10174
85 and over	3437	4930	720	782	824	0.22549	989	990	1076	0.20649
All ages	1151063	1099526	12722	12684	12855	0.01108	7931	7775	7777	0.00712



### Gampaha District

Age group	Population		Deaths							
	Mid 2001		Male				Female			
	Male	Female	2000	2001	2002	$n^{m_x}$ 2000-02	2000	2001	2002	$n^{m_x}$ 2000-02
Under 01	17501	16974	77	79	85	0.00457	67	63	54	0.00359
01 - 04	66810	64289	15	13	13	0.00021	22	19	10	0.00026
05 - 09	80729	77345	7	20	14	0.00017	13	11	10	0.00014
10 - 14	78531	73948	13	24	22	0.00025	21	7	13	0.00019
15 - 19	95155	98811	58	56	59	0.00061	23	22	23	0.00023
20 - 24	109796	118988	83	101	81	0.00080	31	31	40	0.00029
25 - 29	89595	95529	131	116	115	0.00135	30	28	35	0.00032
30 - 34	82601	86353	181	166	152	0.00201	37	44	24	0.00041
35 - 39	76724	79720	245	288	295	0.00360	51	55	45	0.00063
40 - 44	69592	72402	385	386	371	0.00547	64	74	66	0.00094
45 - 49	60323	62902	470	439	452	0.00753	101	104	106	0.00165
50 - 54	54179	57617	535	577	575	0.01037	142	138	149	0.00248
55 - 59	38666	43370	517	514	540	0.01355	184	180	162	0.00404
60 - 64	28498	31757	502	530	544	0.01842	244	230	224	0.00734
65 - 69	21509	27220	651	635	622	0.02957	370	380	355	0.01352
70 - 74	16979	21788	811	802	787	0.04712	564	552	577	0.02589
75 - 79	10903	14499	683	717	716	0.06466	608	600	619	0.04200
80 - 84	5962	7690	620	654	623	0.10600	608	636	663	0.08270
85 and over	3346	4463	669	644	621	0.19277	713	738	756	0.16491
All ages	1007399	1055665	6653	6761	6687	0.00665	3893	3912	3931	0.00371

### Kalutara District

Age group	Population		Deaths							
	Mid 2001		Male				Female			
	Male	Female	2000	2001	2002	$n^{m_x}$ 2000-02	2000	2001	2002	$n^{m_x}$ 2000-02
Under 01	9322	9008	60	43	32	0.00483	38	31	33	0.00377
01 - 04	35730	34431	13	14	16	0.00039	11	5	5	0.00020
05 - 09	43359	41858	12	12	13	0.00028	10	9	7	0.00022
10 - 14	44852	42846	12	12	15	0.00029	6	7	9	0.00016
15 - 19	49533	47586	33	40	43	0.00079	18	13	20	0.00036
20 - 24	50888	49453	58	71	69	0.00130	25	18	23	0.00044
25 - 29	41488	42838	61	60	75	0.00157	25	11	25	0.00047
30 - 34	39770	41166	91	73	90	0.00214	26	18	24	0.00056
35 - 39	38448	39435	101	119	107	0.00283	30	28	34	0.00079
40 - 44	34927	36059	151	168	148	0.00447	26	31	36	0.00086
45 - 49	31161	33065	180	179	173	0.00568	52	56	52	0.00160
50 - 54	29557	31429	271	222	215	0.00798	85	64	66	0.00229
55 - 59	22992	25026	240	250	254	0.01079	115	81	103	0.00400
60 - 64	17432	19179	311	322	303	0.01790	144	130	125	0.00693
65 - 69	13703	16338	387	378	361	0.02737	225	207	211	0.01310
70 - 74	10709	12764	478	446	452	0.04286	337	287	344	0.02531
75 - 79	7046	8590	457	460	451	0.06472	394	367	394	0.04482
80 - 84	4001	4894	394	399	415	0.10072	379	437	418	0.08398
85 and over	2300	2928	462	513	482	0.21130	517	539	598	0.18818
All ages	527218	538893	3772	3781	3714	0.00712	2463	2339	2527	0.00453

### Kandy District

Age group	Population		Deaths							
	Mid 2001		Male				Female			
	Male	Female	2000	2001	2002	$n^{m_x}$ 2000-02	2000	2001	2002	$n^{m_x}$ 2000-02
Under 01	11687	11438	319	269	263	0.02430	213	254	196	0.01932
01 - 04	43581	42643	37	42	40	0.00092	31	34	43	0.00084
05 - 09	57252	56094	50	38	26	0.00066	31	20	26	0.00046
10 - 14	60355	59066	42	39	33	0.00063	25	34	27	0.00049
15 - 19	62880	62224	85	62	54	0.00107	64	39	38	0.00076
20 - 24	55557	59331	121	94	96	0.00187	68	59	48	0.00098
25 - 29	43133	48640	129	90	72	0.00225	68	63	56	0.00127
30 - 34	43838	48900	157	104	121	0.00290	81	46	53	0.00123
35 - 39	45578	49166	170	179	134	0.00353	79	63	66	0.00140
40 - 44	43236	45307	221	240	214	0.00520	104	78	104	0.00210
45 - 49	38404	40853	308	292	298	0.00779	132	132	106	0.00301
50 - 54	34939	37250	442	407	395	0.01188	214	200	179	0.00532
55 - 59	25582	28226	435	455	449	0.01743	217	217	198	0.00748
60 - 64	20003	20985	541	513	495	0.02580	269	244	254	0.01220
65 - 69	14646	17102	529	520	573	0.03694	332	326	322	0.01912
70 - 74	10924	12546	700	639	636	0.06023	441	393	447	0.03403
75 - 79	6629	8331	533	494	578	0.08071	388	401	468	0.05029
80 - 84	3504	4216	400	430	417	0.11872	435	430	383	0.09867
85 and over	2034	2531	422	415	447	0.21042	504	487	562	0.20466
All ages	623762	654849	5641	5322	5341	0.00871	3696	3520	3576	0.00549

### Matale District

Age group	Population		Deaths							
	Mid 2001		Male				Female			
	Male	Female	2000	2001	2002	$n^{m_x}$ 2000-02	2000	2001	2002	$n^{m_x}$ 2000-02
Under 01	4120	4128	56	35	40	0.01068	35	33	28	0.00775
01 - 04	15754	15015	12	8	7	0.00057	9	12	7	0.00060
05 - 09	20255	19702	7	7	9	0.00039	11	7	3	0.00036
10 - 14	21527	20558	11	8	6	0.00037	11	15	5	0.00049
15 - 19	22575	22162	14	12	21	0.00071	20	16	11	0.00072
20 - 24	18994	19172	38	37	18	0.00163	19	8	12	0.00068
25 - 29	15556	16647	36	20	31	0.00186	16	12	10	0.00078
30 - 34	16047	16847	61	41	40	0.00293	15	15	13	0.00083
35 - 39	16846	17001	60	64	46	0.00338	19	18	16	0.00106
40 - 44	15924	15502	77	72	67	0.00452	21	15	17	0.00116
45 - 49	13879	13927	75	77	81	0.00562	28	29	26	0.00201
50 - 54	11798	11758	110	98	116	0.00915	41	24	49	0.00323
55 - 59	8063	8703	107	117	85	0.01277	45	51	47	0.00552
60 - 64	6225	6514	127	133	126	0.02072	60	64	68	0.00982
65 - 69	4657	5380	151	165	124	0.03157	90	100	81	0.01673
70 - 74	3651	3921	187	169	170	0.04793	107	126	122	0.03009
75 - 79	2262	2326	152	161	143	0.06720	107	122	113	0.04901
80 - 84	1199	1197	126	168	117	0.11426	112	123	120	0.09858
85 and over	609	669	126	151	141	0.22824	136	137	147	0.20927
All ages	219941	221129	1533	1543	1388	0.00677	902	927	895	0.00411

### Nuwara Eliya District

Age group	Population Mid 2001		Deaths							
			Male				Female			
	Male	Female	2000	2001	2002	$n^{m_x}$ 2000-02	2000	2001	2002	$n^{m_x}$ 2000-02
Under 01	7059	6901	110	136	92	0.01601	89	79	93	0.01261
01 - 04	26410	25056	20	19	21	0.00076	17	23	15	0.00072
05 - 09	34062	33117	16	11	8	0.00035	15	9	9	0.00033
10 - 14	35874	34237	16	12	13	0.00039	12	11	9	0.00032
15 - 19	35163	34565	23	32	29	0.00080	34	26	29	0.00087
20 - 24	30598	31529	34	47	34	0.00124	25	34	24	0.00089
25 - 29	24724	26572	35	38	31	0.00142	25	16	20	0.00075
30 - 34	24702	25895	46	34	32	0.00150	35	28	25	0.00112
35 - 39	25332	26665	57	57	57	0.00225	36	40	38	0.00143
40 - 44	24161	24347	63	65	85	0.00294	42	51	42	0.00185
45 - 49	20834	21661	103	109	95	0.00490	64	55	59	0.00272
50 - 54	19892	20571	167	161	172	0.00840	107	94	104	0.00496
55 - 59	14892	15653	206	194	213	0.01370	125	124	135	0.00818
60 - 64	10241	10039	226	215	232	0.02187	132	175	135	0.01464
65 - 69	7124	7511	278	246	267	0.03706	187	191	175	0.02450
70 - 74	4434	4547	228	264	229	0.05413	210	211	182	0.04420
75 - 79	2576	2651	215	169	194	0.07492	150	160	177	0.06111
80 - 84	1244	1312	121	123	173	0.11174	120	138	132	0.09909
85 and over	622	676	143	117	145	0.21704	135	148	158	0.21746
All ages	349944	353505	2107	2049	2122	0.00598	1560	1613	1561	0.00446

### Galle District

Age group	Population Mid 2001		Deaths							
			Male				Female			
	Male	Female	2000	2001	2002	$n^{m_x}$ 2000-02	2000	2001	2002	$n^{m_x}$ 2000-02
Under 01	8456	8220	118	141	126	0.01514	102	110	83	0.01192
01 - 04	35393	33430	27	26	23	0.00071	19	21	12	0.00051
05 - 09	45840	43617	23	17	19	0.00044	14	9	22	0.00034
10 - 14	48489	46048	24	28	26	0.00054	11	19	16	0.00033
15 - 19	47841	47260	54	37	50	0.00098	31	24	29	0.00059
20 - 24	40952	42073	69	68	57	0.00159	34	26	20	0.00064
25 - 29	33304	36762	80	64	58	0.00201	20	23	16	0.00054
30 - 34	32970	37013	96	90	73	0.00261	28	34	29	0.00081
35 - 39	32510	35818	122	138	104	0.00372	39	27	35	0.00095
40 - 44	31221	33618	140	129	175	0.00474	42	40	50	0.00131
45 - 49	27138	29913	218	184	172	0.00704	80	66	75	0.00247
50 - 54	24993	28017	231	232	280	0.00992	97	105	97	0.00357
55 - 59	19696	23010	272	272	241	0.01330	88	98	112	0.00430
60 - 64	15621	18296	308	298	314	0.01965	135	114	170	0.00765
65 - 69	13066	16196	361	369	402	0.02885	257	232	230	0.01482
70 - 74	10802	12589	478	477	467	0.04388	366	327	355	0.02772
75 - 79	6948	8690	399	437	454	0.06189	374	385	408	0.04476
80 - 84	3899	4720	429	432	426	0.11003	455	416	435	0.09216
85 and over	2495	3123	476	540	567	0.21162	571	648	713	0.20621
All ages	481634	508413	3925	3979	4034	0.00826	2763	2724	2907	0.00550

## Matara District

Age group	Population		Deaths							
	Mid 2001		Male				Female			
	Male	Female	2000	2001	2002	$n^{m_x}$ 2000-02	2000	2001	2002	$n^{m_x}$ 2000-02
Under 01	6899	6543	117	76	65	0.01247	92	40	51	0.00932
01 - 04	26652	25457	10	12	10	0.00041	9	7	8	0.00031
05 - 09	35975	34357	11	7	6	0.00022	9	7	8	0.00023
10 - 14	38726	37077	12	15	9	0.00031	10	8	15	0.00030
15 - 19	37527	37307	45	33	21	0.00088	31	25	23	0.00070
20 - 24	29989	31550	49	43	45	0.00153	33	18	18	0.00073
25 - 29	24540	27440	60	35	41	0.00183	29	13	16	0.00069
30 - 34	23609	27409	55	51	47	0.00216	24	28	22	0.00091
35 - 39	23906	27511	77	63	66	0.00289	25	26	13	0.00076
40 - 44	24533	26936	89	101	92	0.00383	39	20	30	0.00111
45 - 49	21384	24321	109	112	113	0.00519	52	56	31	0.00189
50 - 54	19230	21627	112	148	131	0.00676	50	69	44	0.00250
55 - 59	14689	16918	138	134	136	0.00926	67	68	57	0.00378
60 - 64	10947	12372	192	148	162	0.01526	94	84	86	0.00711
65 - 69	10527	12126	224	232	248	0.02232	142	142	111	0.01089
70 - 74	8634	9682	329	324	317	0.03741	243	219	200	0.02283
75 - 79	5586	6589	297	305	304	0.05406	243	249	249	0.03749
80 - 84	3392	3884	327	339	335	0.09847	324	282	315	0.07904
85 and over	2306	2815	455	492	455	0.20252	546	530	561	0.19396
All ages	369051	391921	2708	2670	2603	0.00721	2062	1891	1858	0.00494

## Hambantota District

Age group	Population		Deaths							
	Mid 2001		Male				Female			
	Male	Female	2000	2001	2002	$n^{m_x}$ 2000-02	2000	2001	2002	$n^{m_x}$ 2000-02
Under 01	4802	4619	16	24	18	0.00396	10	16	15	0.00303
01 - 04	18823	17994	5	12	7	0.00043	8	9	4	0.00039
05 - 09	26759	25926	3	9	9	0.00026	9	8	6	0.00031
10 - 14	28482	27692	7	12	8	0.00032	7	2	4	0.00014
15 - 19	27377	26603	21	20	16	0.00069	20	11	9	0.00049
20 - 24	21173	20603	36	31	15	0.00128	11	6	8	0.00039
25 - 29	18068	18648	51	31	32	0.00210	11	9	4	0.00043
30 - 34	17803	19148	52	32	44	0.00242	7	8	8	0.00042
35 - 39	18344	19169	40	42	38	0.00218	14	17	9	0.00068
40 - 44	18683	18669	43	45	42	0.00230	18	17	17	0.00091
45 - 49	17059	17211	53	59	57	0.00328	23	13	21	0.00110
50 - 54	13383	13191	68	71	66	0.00508	20	21	27	0.00174
55 - 59	8393	8535	49	63	55	0.00667	32	27	26	0.00328
60 - 64	6345	6481	57	61	64	0.00961	49	50	34	0.00679
65 - 69	6224	6908	110	120	119	0.01864	68	70	73	0.01013
70 - 74	4913	5303	127	159	168	0.03073	104	88	107	0.01886
75 - 79	3270	3300	128	162	157	0.04557	90	120	131	0.03455
80 - 84	1958	1901	127	165	149	0.07508	145	135	122	0.07049
85 and over	1280	1258	238	222	229	0.17969	220	240	214	0.17886
All ages	263139	263159	1231	1340	1293	0.00489	866	867	839	0.00326

### Batticaloa District

Age group	Population		Deaths							
	Mid 2001		Male				Female			
	Male	Female	2000	2001	2002	$n^{m_x}$ 2000-02	2000	2001	2002	$n^{m_x}$ 2000-02
Under 01	5636	5443	127	122	107	0.02111	75	87	87	0.01525
01 - 04	21030	20090	54	41	38	0.00209	43	35	20	0.00164
05 - 09	26279	25783	45	21	25	0.00114	22	25	24	0.00093
10 - 14	25836	25155	20	28	25	0.00093	31	15	13	0.00080
15 - 19	26272	26494	60	42	38	0.00179	33	31	21	0.00106
20 - 24	24405	25316	117	94	52	0.00361	38	34	26	0.00130
25 - 29	19173	20813	72	71	51	0.00339	31	31	19	0.00130
30 - 34	17789	19180	77	67	48	0.00360	40	31	29	0.00172
35 - 39	15997	17671	74	63	48	0.00388	46	36	19	0.00192
40 - 44	14377	15274	76	72	59	0.00480	34	29	32	0.00210
45 - 49	11918	12542	87	69	73	0.00638	40	43	31	0.00303
50 - 54	9988	9958	97	80	87	0.00881	57	48	42	0.00492
55 - 59	6739	6785	106	105	104	0.01558	54	53	45	0.00752
60 - 64	5041	5376	130	145	101	0.02480	83	70	66	0.01358
65 - 69	3785	3977	154	150	135	0.03857	93	85	70	0.02087
70 - 74	2656	2816	142	163	147	0.05685	108	98	114	0.03800
75 - 79	1519	1468	127	113	115	0.07768	70	88	80	0.05381
80 - 84	761	795	91	99	79	0.11827	84	95	78	0.10818
85 and over	304	369	73	50	68	0.21053	74	64	65	0.18428
All ages	239505	245305	1729	1595	1400	0.00658	1056	998	881	0.00399

### Ampara District

Age group	Population		Deaths							
	Mid 2001		Male				Female			
	Male	Female	2000	2001	2002	$n^{m_x}$ 2000-02	2000	2001	2002	$n^{m_x}$ 2000-02
Under 01	6509	6138	54	50	50	0.00784	35	30	32	0.00521
01 - 04	25111	24288	22	32	22	0.00100	35	22	19	0.00103
05 - 09	33317	32249	20	21	12	0.00054	21	11	13	0.00047
10 - 14	31625	30739	16	12	17	0.00047	10	7	17	0.00036
15 - 19	34403	32265	42	27	35	0.00102	25	22	23	0.00071
20 - 24	27777	28040	49	43	42	0.00162	18	16	12	0.00053
25 - 29	22776	24532	61	58	40	0.00233	20	19	16	0.00073
30 - 34	22488	23238	56	52	38	0.00218	19	12	10	0.00060
35 - 39	21548	21882	65	57	39	0.00251	27	14	18	0.00091
40 - 44	18965	18282	77	76	66	0.00385	26	19	26	0.00131
45 - 49	14948	14834	97	70	88	0.00569	44	27	19	0.00202
50 - 54	12740	12059	113	91	90	0.00769	54	43	47	0.00398
55 - 59	9141	8676	121	121	125	0.01335	46	50	61	0.00599
60 - 64	6521	6074	129	134	146	0.02086	73	77	69	0.01202
65 - 69	4977	4485	186	141	165	0.03295	112	93	92	0.02207
70 - 74	3162	3173	202	156	216	0.06040	135	135	119	0.04097
75 - 79	1616	1631	129	136	148	0.08540	115	118	105	0.06928
80 - 84	872	890	102	88	128	0.12156	91	104	94	0.10787
85 and over	438	450	107	100	98	0.23288	111	112	114	0.24889
All ages	298934	293925	1648	1465	1565	0.00522	1017	931	906	0.00324

### Trincomalee District

Age group	Population Mid 2001		Deaths							
			Male				Female			
	Male	Female	2000	2001	2002	$n^{m_x}$ 2000-02	2000	2001	2002	$n^{m_x}$ 2000-02
Under 01	4270	3911	21	14	20	0.00422	15	8	10	0.00281
01 - 04	16604	15625	15	16	15	0.00090	19	11	14	0.00096
05 - 09	20684	19628	18	8	8	0.00053	18	10	9	0.00061
10 - 14	17975	17441	16	8	8	0.00061	13	5	8	0.00052
15 - 19	19365	17576	32	31	19	0.00139	14	14	11	0.00074
20 - 24	18368	16592	83	104	49	0.00430	20	10	17	0.00096
25 - 29	14477	13667	56	73	38	0.00387	13	10	10	0.00080
30 - 34	12549	11842	58	65	45	0.00446	21	13	14	0.00135
35 - 39	12358	11186	59	60	39	0.00429	13	18	15	0.00134
40 - 44	10293	9047	45	78	42	0.00534	20	20	14	0.00199
45 - 49	8413	7366	34	70	55	0.00630	29	22	22	0.00326
50 - 54	7002	6204	77	65	49	0.00914	24	26	23	0.00387
55 - 59	4960	4420	77	63	70	0.01411	34	29	35	0.00747
60 - 64	3477	3020	61	81	92	0.02243	39	41	40	0.01325
65 - 69	2491	2242	80	97	77	0.03412	55	64	67	0.02765
70 - 74	1659	1426	81	94	79	0.05124	83	73	73	0.05330
75 - 79	906	837	85	69	74	0.08389	66	56	59	0.07168
80 - 84	517	484	53	62	65	0.11605	45	52	39	0.09298
85 and over	216	249	53	49	57	0.24537	55	47	42	0.19277
All ages	176584	162763	1004	1107	901	0.00569	596	529	522	0.00337

### Kurunegala District

Age group	Population Mid 2001		Deaths							
			Male				Female			
	Male	Female	2000	2001	2002	$n^{m_x}$ 2000-02	2000	2001	2002	$n^{m_x}$ 2000-02
Under 01	12518	12012	250	174	164	0.01566	150	131	124	0.01124
01 - 04	47612	46024	29	21	24	0.00053	11	19	20	0.00037
05 - 09	63025	61132	23	32	17	0.00038	16	12	11	0.00021
10 - 14	68066	64245	32	33	21	0.00043	20	24	14	0.00030
15 - 19	73494	70247	76	60	51	0.00084	57	40	38	0.00064
20 - 24	61364	61623	109	110	97	0.00171	37	35	42	0.00062
25 - 29	52512	56212	142	110	119	0.00236	43	32	37	0.00066
30 - 34	52938	56207	234	153	200	0.00370	73	52	47	0.00101
35 - 39	54793	56654	322	246	268	0.00509	51	49	74	0.00102
40 - 44	53970	54427	343	317	378	0.00641	77	67	74	0.00134
45 - 49	48388	50390	433	342	357	0.00779	92	87	87	0.00177
50 - 54	41034	43049	456	457	475	0.01128	112	138	140	0.00302
55 - 59	27281	29965	351	387	368	0.01353	122	105	123	0.00390
60 - 64	20721	22734	470	433	420	0.02128	189	200	189	0.00849
65 - 69	16374	20016	516	501	503	0.03096	343	274	310	0.01544
70 - 74	13260	15069	741	648	648	0.05121	435	444	471	0.02986
75 - 79	8653	9376	553	579	561	0.06518	400	460	434	0.04597
80 - 84	4622	5054	519	545	553	0.11662	480	477	498	0.09596
85 and over	2537	2582	557	565	542	0.21876	513	549	609	0.21572
All ages	723162	737018	6156	5713	5766	0.00813	3221	3195	3342	0.00441

### Puttalam District

Age group	Population		Deaths							
	Mid 2001		Male				Female			
	Male	Female	2000	2001	2002	$n^{m_x}$ 2000-02	2000	2001	2002	$n^{m_x}$ 2000-02
Under 01	7041	6917	59	60	48	0.00795	67	43	45	0.00752
01 - 04	28388	27479	17	11	13	0.00049	17	16	13	0.00055
05 - 09	35466	35020	15	9	5	0.00028	14	8	9	0.00029
10 - 14	34701	33553	15	14	17	0.00043	7	7	8	0.00021
15 - 19	38136	37550	26	25	23	0.00066	13	15	16	0.00040
20 - 24	35422	34718	38	28	42	0.00102	15	16	14	0.00043
25 - 29	28363	28358	67	36	40	0.00169	12	12	9	0.00039
30 - 34	25937	25824	74	88	62	0.00289	13	17	16	0.00058
35 - 39	25070	24778	125	139	123	0.00515	21	20	27	0.00093
40 - 44	22241	22105	159	161	135	0.00683	33	36	24	0.00140
45 - 49	19621	20894	169	175	195	0.00917	53	53	42	0.00235
50 - 54	17625	18463	180	232	229	0.01214	51	54	83	0.00341
55 - 59	11410	12709	202	185	179	0.01656	60	87	53	0.00527
60 - 64	8041	9032	191	201	180	0.02375	80	95	68	0.00897
65 - 69	5899	7502	192	210	194	0.03373	108	129	148	0.01706
70 - 74	4188	5796	237	208	217	0.05277	161	182	168	0.02933
75 - 79	2658	3642	184	175	176	0.06697	155	159	167	0.04393
80 - 84	1436	1857	147	141	154	0.10237	151	142	203	0.08885
85 and over	735	946	128	139	148	0.18776	173	151	179	0.17759
All ages	352378	357143	2225	2237	2180	0.00628	1204	1242	1292	0.00349

### Anuradhapura District

Age group	Population		Deaths							
	Mid 2001		Male				Female			
	Male	Female	2000	2001	2002	$n^{m_x}$ 2000-02	2000	2001	2002	$n^{m_x}$ 2000-02
Under 01	7337	7249	143	185	146	0.02153	107	147	133	0.01780
01 - 04	27743	26237	31	26	25	0.00097	19	25	20	0.00080
05 - 09	37170	35630	23	21	14	0.00051	20	16	14	0.00048
10 - 14	37920	36476	24	19	14	0.00050	19	11	14	0.00041
15 - 19	38902	36512	59	37	32	0.00111	50	20	16	0.00079
20 - 24	36108	35588	107	67	45	0.00202	42	23	20	0.00079
25 - 29	31718	31156	128	68	66	0.00274	34	25	25	0.00090
30 - 34	29774	28436	128	102	81	0.00349	34	35	19	0.00102
35 - 39	29374	27476	188	141	126	0.00517	40	27	29	0.00116
40 - 44	27491	25641	198	182	156	0.00651	36	38	32	0.00137
45 - 49	23158	22103	221	198	183	0.00868	61	54	54	0.00253
50 - 54	18490	17149	241	228	252	0.01298	57	77	69	0.00397
55 - 59	11099	10768	215	197	198	0.01829	62	78	56	0.00604
60 - 64	8285	8205	192	237	184	0.02462	95	93	70	0.01048
65 - 69	6351	6939	264	237	259	0.03984	143	163	121	0.02046
70 - 74	4531	4700	298	309	240	0.06224	155	174	169	0.03532
75 - 79	2586	2602	179	233	200	0.07889	110	130	119	0.04612
80 - 84	1430	1341	188	185	184	0.13007	129	121	132	0.09471
85 and over	831	757	181	179	205	0.22623	164	183	173	0.22853
All ages	380298	364965	3008	2851	2610	0.00742	1377	1440	1285	0.00375

### Polonnaruwa District

Age group	Population		Deaths							
	Mid 2001		Male				Female			
	Male	Female	2000	2001	2002	$n^{m_x}$ 2000-02	2000	2001	2002	$n^{m_x}$ 2000-02
Under 01	3380	3332	35	46	63	0.01420	19	42	55	0.01170
01 - 04	12557	11987	12	8	8	0.00072	6	6	4	0.00042
05 - 09	17461	16919	7	8	7	0.00040	8	4	6	0.00035
10 - 14	18233	17311	8	3	6	0.00033	6	7	4	0.00035
15 - 19	19275	17660	25	20	20	0.00114	23	12	13	0.00091
20 - 24	17929	15986	38	35	25	0.00184	11	12	6	0.00063
25 - 29	15917	14506	56	36	33	0.00264	14	14	13	0.00097
30 - 34	15250	13566	59	37	33	0.00282	13	16	5	0.00081
35 - 39	15008	13224	66	57	53	0.00393	14	18	7	0.00098
40 - 44	13513	11779	79	82	61	0.00548	9	18	15	0.00119
45 - 49	11660	10227	75	76	66	0.00617	23	25	21	0.00225
50 - 54	9403	8138	99	97	88	0.01010	31	27	25	0.00344
55 - 59	6193	5508	98	81	86	0.01421	25	28	37	0.00545
60 - 64	4408	3822	87	84	93	0.01996	36	48	41	0.01099
65 - 69	3105	3197	87	91	105	0.03027	58	48	50	0.01627
70 - 74	2140	1921	128	126	114	0.05748	66	45	69	0.03123
75 - 79	1261	1091	84	77	97	0.06820	49	41	58	0.04491
80 - 84	628	568	66	68	78	0.11306	48	40	60	0.08627
85 and over	371	364	79	84	93	0.22911	87	69	74	0.21154
All ages	187692	171106	1188	1116	1129	0.00610	546	520	563	0.00317

### Badulla District

Age group	Population		Deaths							
	Mid 2001		Male				Female			
	Male	Female	2000	2001	2002	$n^{m_x}$ 2000-02	2000	2001	2002	$n^{m_x}$ 2000-02
Under 01	7488	7287	195	218	179	0.02631	157	170	123	0.02058
01 - 04	29850	28776	28	25	17	0.00077	28	20	21	0.00080
05 - 09	39296	37972	13	16	15	0.00038	23	12	10	0.00040
10 - 14	41032	39592	21	9	23	0.00044	13	16	18	0.00040
15 - 19	39072	38187	45	29	44	0.00100	38	30	34	0.00089
20 - 24	31420	32708	63	57	50	0.00181	33	22	38	0.00095
25 - 29	27030	30253	60	43	38	0.00174	40	37	22	0.00109
30 - 34	28921	30803	91	67	61	0.00252	31	28	17	0.00081
35 - 39	29889	30177	96	108	81	0.00318	56	45	41	0.00156
40 - 44	27437	27325	106	117	115	0.00412	47	52	47	0.00179
45 - 49	22443	22654	136	132	142	0.00610	42	48	65	0.00230
50 - 54	18847	19620	143	172	198	0.00907	84	91	95	0.00459
55 - 59	14479	15376	227	248	216	0.01589	106	116	95	0.00689
60 - 64	10808	11114	262	220	222	0.02174	109	139	127	0.01125
65 - 69	8324	8925	304	282	264	0.03400	180	177	177	0.01994
70 - 74	5454	5523	269	312	301	0.05391	183	191	202	0.03476
75 - 79	3022	3150	231	204	248	0.07545	163	170	163	0.05238
80 - 84	1596	1719	170	182	215	0.11842	156	182	142	0.09308
85 and over	1017	1075	210	193	224	0.20551	220	208	219	0.20093
All ages	387425	392236	2670	2634	2653	0.00685	1709	1754	1656	0.00435



### Moneragala District

Age group	Population		Deaths							
	Mid 2001		Male				Female			
	Male	Female	2000	2001	2002	$n^{m_x}$ 2000-02	2000	2001	2002	$n^{m_x}$ 2000-02
Under 01	3629	3473	10	10	7	0.00248	15	8	6	0.00288
01 - 04	15275	14675	8	9	6	0.00052	8	5	4	0.00041
05 - 09	22541	21589	8	2	9	0.00027	6	6	5	0.00028
10 - 14	22608	22698	10	16	12	0.00058	5	3	8	0.00022
15 - 19	21465	21072	17	16	10	0.00065	16	17	10	0.00066
20 - 24	17026	17304	31	18	20	0.00135	12	12	8	0.00064
25 - 29	14475	15357	42	22	16	0.00187	5	6	14	0.00052
30 - 34	14947	14800	37	30	21	0.00194	10	11	10	0.00068
35 - 39	15368	14766	39	35	38	0.00241	5	10	8	0.00054
40 - 44	14162	12916	42	41	26	0.00254	16	19	9	0.00116
45 - 49	12095	10673	63	48	46	0.00430	16	16	22	0.00169
50 - 54	9406	8092	55	59	55	0.00595	13	18	15	0.00185
55 - 59	6388	5592	60	49	51	0.00830	18	24	24	0.00393
60 - 64	4502	3805	74	60	53	0.01377	26	38	16	0.00710
65 - 69	3637	3205	75	62	78	0.01980	50	52	48	0.01560
70 - 74	2458	2199	86	85	94	0.03580	53	60	65	0.02683
75 - 79	1462	1186	86	82	62	0.05267	61	43	42	0.04132
80 - 84	821	701	66	100	66	0.09379	54	48	44	0.06990
85 and over	464	376	83	92	93	0.19181	82	74	81	0.21011
All ages	202729	194479	892	836	763	0.00409	471	470	439	0.00237

### Ratnapura District

Age group	Population		Deaths							
	Mid 2001		Male				Female			
	Male	Female	2000	2001	2002	$n^{m_x}$ 2000-02	2000	2001	2002	$n^{m_x}$ 2000-02
Under 01	8248	8057	149	127	142	0.01685	115	103	122	0.01403
01 - 04	33878	32546	18	18	21	0.00056	14	14	20	0.00049
05 - 09	46749	46026	18	9	10	0.00026	12	15	15	0.00030
10 - 14	51191	51325	16	19	16	0.00033	12	12	13	0.00023
15 - 19	51323	51078	64	52	54	0.00111	32	35	28	0.00063
20 - 24	45826	45088	82	74	70	0.00164	31	27	30	0.00064
25 - 29	38396	37728	85	84	62	0.00201	34	27	28	0.00080
30 - 34	37877	37196	90	96	103	0.00253	31	28	30	0.00081
35 - 39	36481	35934	89	112	119	0.00293	28	27	36	0.00083
40 - 44	35092	33963	133	150	129	0.00390	51	45	39	0.00132
45 - 49	31599	30221	166	194	166	0.00554	56	56	53	0.00182
50 - 54	28457	27841	197	216	244	0.00770	82	107	100	0.00345
55 - 59	20957	20791	188	235	218	0.01021	105	107	86	0.00476
60 - 64	15207	14508	204	256	226	0.01506	124	127	113	0.00834
65 - 69	12450	12550	321	316	319	0.02562	194	170	189	0.01466
70 - 74	8950	8300	394	370	344	0.04123	234	265	215	0.02867
75 - 79	5568	5367	323	303	369	0.05963	231	224	257	0.04416
80 - 84	2933	2724	304	325	326	0.10842	209	241	240	0.08443
85 and over	1622	1563	309	328	335	0.19975	291	276	329	0.19130
All ages	512804	502806	3150	3284	3273	0.00631	1886	1906	1943	0.00380

### Kegalle District

Age group	Population		Deaths							
	Mid 2001		Male				Female			
	Male	Female	2000	2001	2002	$n^{m_x}$ 2000-02	2000	2001	2002	$n^{m_x}$ 2000-02
Under 01	6758	6704	79	74	51	0.01006	56	25	44	0.00626
01 - 04	25993	25254	12	8	14	0.00042	7	5	16	0.00036
05 - 09	33033	32467	10	5	9	0.00024	6	7	5	0.00018
10 - 14	34948	34836	12	8	15	0.00034	1	3	10	0.00014
15 - 19	36029	36303	21	19	21	0.00056	15	10	10	0.00033
20 - 24	31698	32887	36	38	30	0.00110	13	5	11	0.00030
25 - 29	26128	28453	39	37	40	0.00149	16	12	8	0.00042
30 - 34	26989	29627	68	66	50	0.00226	22	11	14	0.00054
35 - 39	28183	29590	105	88	72	0.00312	21	19	18	0.00064
40 - 44	27690	28709	122	113	93	0.00394	17	20	24	0.00070
45 - 49	25609	26681	147	152	117	0.00543	46	31	39	0.00146
50 - 54	23470	25034	190	192	175	0.00793	47	60	71	0.00236
55 - 59	17102	18898	232	173	161	0.01105	79	64	67	0.00370
60 - 64	13375	14096	233	206	223	0.01652	106	104	89	0.00709
65 - 69	10063	11855	288	276	263	0.02743	143	171	132	0.01257
70 - 74	8097	8828	357	325	350	0.04248	221	235	274	0.02753
75 - 79	5084	5798	336	318	310	0.06314	271	250	234	0.04346
80 - 84	2884	3133	316	285	313	0.10576	262	264	268	0.08458
85 and over	1514	1795	362	309	350	0.22457	356	366	378	0.20446
All ages	384647	400948	2965	2692	2657	0.00720	1705	1662	1712	0.00422

### Northern Province

Age group	Population		Deaths							
	Mid 2001		Male				Female			
	Male	Female	2000	2001	2002	$n^{m_x}$ 2000-02	2000	2001	2002	$n^{m_x}$ 2000-02
Under 01	10253	9812	87	85	88	0.00849	73	93	67	0.00795
01 - 04	45010	43932	51	35	38	0.00091	47	35	34	0.00086
05 - 09	61289	58061	53	44	40	0.00075	33	32	19	0.00048
10 - 14	56930	53410	31	27	31	0.00053	29	17	24	0.00045
15 - 19	54748	52183	392	251	204	0.00519	240	111	146	0.00318
20 - 24	50718	52990	1,364	882	637	0.01895	211	118	210	0.00340
25 - 29	38362	41734	1,023	727	482	0.01939	97	76	112	0.00230
30 - 34	34858	38107	438	338	213	0.00947	74	53	56	0.00160
35 - 39	34640	37513	198	185	140	0.00502	71	48	47	0.00149
40 - 44	31067	32298	194	151	120	0.00499	64	61	51	0.00180
45 - 49	27934	27398	178	171	177	0.00630	85	68	73	0.00274
50 - 54	25715	23617	220	233	234	0.00891	98	87	99	0.00402
55 - 59	15961	15791	222	222	221	0.01391	128	101	116	0.00735
60 - 64	11400	11310	269	271	290	0.02430	154	140	150	0.01309
65 - 69	8676	9016	310	317	324	0.03654	209	208	202	0.02285
70 - 74	5989	6159	359	373	343	0.05961	233	244	220	0.03783
75 - 79	3451	3510	270	294	317	0.08490	184	215	253	0.06154
80 - 84	1736	1582	211	218	231	0.12673	142	155	181	0.10051
85 and over	786	658	190	163	178	0.22519	117	135	149	0.20365
All ages	519523	519081	6060	4987	4308	0.00986	2289	1997	2209	0.00417

## Appendix C

**Table A : U.N. Age-sex accuracy index of age reporting by district, 1981 and 2001**

District	U.N. Age-sex accuracy index	
	1981	2001
Colombo	19.2	21.4
Gampaha	17.1	20.0
Kalutara	16.3	13.2
Kandy	25.4	17.3
Matale	25.2	20.0
Nuwara Eliya	31.7	18.8
Galle	18.8	15.0
Matara	18.1	17.5
Hambantota	26.2	22.1
Ampara	24.9	21.5
Kurunegala	21.9	19.4
Puttalam	20.6	20.3
Anuradhapura	29.5	17.4
Polonnaruwa	41.3	20.7
Badulla	24.7	17.8
Monaragala	31.1	21.0
Ratnapura	24.3	15.4
Kegalle	24.1	17.8
Total	17.5	13.6

Source : Preliminary Evaluation of Age-Sex Data of Census and Population and Housing-2001