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MODEL LIFE TABLES

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PREFACE

This study, carried out by the Population Division of the Department of International Economic and Social Affairs of the United Nations Secretariat, presents new model life tables for developing countries. The pioneering effort in the development of model life tables was carried out by the United Nations a quarter of a century ago and resulted in the publication of *Age and Sex Patterns of Mortality: Model Life Tables for Under-developed Countries.** Approximately a decade later, in 1966, Ansley Coale and Paul Demeny at Princeton University published a new set of model life tables** based mainly on historical European experience. Those tables have become the most commonly used set of model life tables within the demographic community. Recent evidence indicates that age patterns of mortality in many developing countries differ systematically from those of historical European experience, and the Coale and Demeny tables are therefore not fully suitable to demographic research in developing countries.

The present study gives new sets of age-sex patterns of mortality which are based on reliably documented developing country data and hence may be more applicable to demographic analysis within the developing regions.[†] Future publications related to the model life table project, being prepared by the Population Division, will include studies on stable populations, estimated unabridged life tables, and computer programs to facilitate use of the tables.

Acknowledgement is due to Mr. Hervé Le Bras of the Institut national d'études démographiques, consultant to the Population Division for methodological considerations, and to the Organisation for Economic Co-operation and Development for their collaboration in providing an extensive collection of mortality and population data which was a major data source for this project.

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CONTENTS

Explanatory notes

The following symbols have been used in the tables throughout the report:

A blank in a table indicates that the item is not applicable

A minus sign (−) indicates a deficit or decrease, except as indicated.

A full stop (.) is used to indicate decimals

Use of a hyphen (-) between dates representing years, e.g., 1971-1973, signifies the full period involved, including the beginning and end years.

Details and percentages in tables do not necessarily add to totals, because of rounding.

INTRODUCTION

The age pattern of mortality in a population encapsulates that population's history of death and disease during the previous three or four generations. It is a reflection of past levels, cohort age patterns, and trends of illness and consequent recovery or death. To the extent that various societies inhabit similar environments, are composed of similar genetic structures and undergo similar sectoral and cultural transformations, they may have related histories of disease and death and therefore similar age patterns of mortality. In their analysis of empirical life tables recorded in developed societies over the past 150 years, Ansley Coale and Paul Demeny identified four distinct patterns of mortality corresponding to geographical areas of Europe: one pattern corresponding to Northern European countries, a second to Southern European countries, a third to Eastern European countries, and a fourth, more heterogeneous, group consisting mainly of Western European countries and oversea populations of Western European stock.[1]

Samuel Preston later demonstrated[2] that these four patterns of mortality are associated with different patterns of causes of death within each geographical region and identified a fifth "non-Western" pattern, consisting almost entirely of Latin American countries, with a different cause of death structure and resultant age pattern of mortality.

Studies of age patterns of mortality in developing countries have been hindered by the lack of reliable data collection systems. In the past 10 years, however, there have been increasing numbers of demographic surveys in developing countries as well as often noticeable improvements in vital registration systems. In addition, new techniques have been developed for estimating childhood mortality and for evaluating the completeness of registration of adult deaths by age and sex, usually in conjunction with census age distributions and/or rates of population growth. Consequently, greater possibility exists for careful analysis of age patterns of mortality in developing countries with the aim of identifying distinct age patterns

and constructing new model life tables which embody those patterns.

Model life tables are not constructed solely for study of age patterns of mortality or disease processes. They are primarily an aid to the estimation of demographic parameters for countries with limited data and for preparation of population projections. Many of the most useful methods for estimating birth and death rates in countries with poor data rely on knowledge of, or assumptions about, the age pattern of mortality. Population projections call for knowledge of base-year age-specific mortality rates as well as assumptions of how mortality might change by age and sex. Models provide examples of typical age patterns of mortality change. The most commonly used set of model life tables at present, those of Coale and Demeny, were based almost exclusively on European populations. Recent evidence that age patterns of death may differ systematically from those of Coale and Demeny's four groups suggests the need for a new set of model life tables which will be more applicable to demographic analysis in developing countries.

In this publication, such model age patterns of mortality for developing countries are presented. The models have been constructed after careful analysis and evaluation of available data on deaths and population by age and sex, application of various demographic techniques for evaluating such data, checks for internal and external consistency, rejection of data for populations in which reliability cannot be verified, and study of age patterns for all populations in which the data appear to be accurate or for which reliable adjustments can be made. The life tables constructed from this "reliable" data are of course not fully representative of developing country experience. However, with the exception of sub-Saharan Africa, there are inputs from all major regions and from a relatively wide range of mortality levels. The chapters which follow describe the sources of data, the methodology for construction of the new tables, the age patterns themselves and approaches to their use. The five annexes present the model life tables, single-year mortality under age 5, useful for application of Brass-type procedures for estimation of early-age mortality, five- and 10-year life table survival rates, and methodological descriptions of the input data.

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[1] A. J. Coale and P. Demeny, *Regional Model Life Tables and Stable Populations* (Princeton, N. J., Princeton University Press, 1966).

[2] S. H. Preston, *Mortality Patterns in National Populations* (New York, Academic Press, 1976).

I. DESCRIPTION OF THE DATA BASE

The construction of a model that conforms to known age patterns of mortality requires the assembling of available empirical data. Demographic data from less developed countries are well known for their inaccuracies. As a result, the construction of an input set of empirical life tables was not a straightforward procedure. It required not only the gathering of data on deaths and population by age and sex from censuses, surveys and vital registration systems but also careful analysis and evaluation of the collected information. In addition, for statistical manipulation it was necessary that all data be in standard form. Only data from which death rates by sex could be calculated for age-groups 0-1 and 1-4 and five-year groupings thereafter were included. The collection of base data was undertaken by the Development Centre of the Organisation for Economic Co-operation and Development (OECD) with some updating by the United Nations Population Division.[3] Both census and vital registration data were collected for as many countries as possible. In addition, an attempt was made to incorporate surveys which included population and death data.

On a country-by-country basis mortality rates by age and sex were constructed for all time periods possible, data were carefully evaluated and life tables constructed whenever the data appeared of high quality or reliable adjustments could be made. In this way, 72 input life tables (36 male and 36 female) were constructed for 22 less developed countries. Table 1 gives a list of those life tables, together with life expectancies at birth and at age 10. The set of life tables consists of 16 male-female pairs from 10 Latin American countries, 19 pairs from 11 Asian countries, and only 1 pair from the African continent. Of the 72 life tables, 10 exhibited life expectancies at birth of under 50 years and 10, of 70 years or higher. The remaining 52 all showed life expectancies at birth within the 50- to 69-year range (see table 2). The philosophy underlying the construction of the model life tables was that the models could only be as trustworthy as the input set of country tables. The resulting number of input tables was small but there is reason to believe that the observed age patterns of mortality in those countries are primarily reflections of actual patterns rather than of data errors. This trade-off between data quantity and data quality, however, led to a set of input tables with no representatives from the sub-Saharan African region. This was not unexpected but is none the less unfortunate. Nevertheless, chapter IV illustrates how new model life table patterns can be generated on the basis of some West African data.

Both age misstatement and omission are well recognized problems of census and vital registration data in less developed countries. Evaluation of the data was therefore undertaken for the purpose of selecting a refined data base consisting of relatively reliable data. There are two main approaches to the evaluation of demographic data, namely, checking internal consistency and checking against external data sources. Both approaches were used for evaluating the mortality data for the project. As a general rule, a set of mortality rates was accepted only if application of various techniques and consistency checks provided similar conclusions as to the quality of the data. At times it was necessary to exclude data from some countries because the requisite information was not available to evaluate reliability adequately. Therefore, exclusion of data from the input data set does not necessarily imply that the data are of low quality; it may only indicate the inability to evaluate the data adequately.

Internal consistency checks were of various kinds. Age-sex distributions and age-specific sex ratios were analysed both graphically and by calculation of usual indices for all countries. Data which exhibited high levels of error were excluded. Age patterns of death rates were also graphed. In all known reliable age patterns, mortality declines from a high level during the first days of life to a trough somewhere during the later childhood years and rises again monotonically thereafter (although some populations have a local maximum within the prime age-groups). All mortality curves that did not follow this basic pattern were excluded, as were curves in which the age-specific rates were so erratic (usually when the data source was a sample survey) that it was difficult to determine what the shape of the curve actually was. In addition, Makeham and Gompertz curves were fitted to various sequences of death rates at ages 50 and over and analyses made of the rates of change of mortality from age to age. These analyses were designed to check for differential omission of deaths at the older ages as well as for overstatement of age.

Although the above-mentioned tests provided indications of the quality of the data they were not adjustive in that they did not indicate how to correct the data. However, two variations of the growth-balance method, that of Brass and that of Preston, provided estimates of the completeness of adult registration, under the assumption of non-differential omissions of deaths by age. With care they could therefore be employed to correct the data whenever feasible. These methods are described in detail elsewhere and are therefore not dealt with here.[4]

Tests for external consistency were essentially comparisons with other data sources. These tests were usually of three kinds: comparisons of levels and age patterns of mortality from available surveys and vital registration systems; estimates of completeness of death registration from matching surveys, that is, surveys which match, on

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[3] The base data collected by OECD are described in *Mortality Project: Annotated Bibliography on the Sources of Demographic Data*, vols. 1-3 (Paris, Organisation for Economic Co-operation and Development, 1979).

[4] See S. H. Preston, A. J. Coale, J. Trussell and M. Weinstein, "Estimating the completeness of reporting of adult deaths in populations that are approximately stable", *Population Index*, vol. 46, No. 2 (Summer 1980), pp. 179-202; and Samuel Preston and Kenneth Hill, "Estimating the completeness of death registration", *Population Studies*, vol. 34, No. 2 (July 1980), pp. 349-366.

TABLE 1. LIFE TABLES CONSTRUCTED FOR THE UNITED NATIONS MODEL LIFE TABLE PROJECT
(Years)

Region and country	Period	Male life expectancy at:		Female life expectancy at:	
		Birth	Age 10	Birth	Age 10
Africa					
Tunisia	1968-1969	52.7	56.4	52.5	56.7
Latin America					
Caribbean:					
Trinidad and Tobago	1920-1922	37.6	40.1	40.1	42.6
	1945-1947	53.0	50.2	55.8	52.4
	1959-1961	62.4	57.0	66.6	60.5
Middle America:					
Costa Rica...	1962-1964	60.9	59.7	63.7	61.6
	1972-1974	67.5	62.6	71.2	65.7
El Salvador...	1970-1972	54.9	57.7	60.1	62.4
Guatemala...	1963-1965	46.8·	50.5	48.0	51.6
Honduras...	1960-1962	40.6	46.7	44.1	49.4
	1973-1975	50.1	52.9	54.3	56.3
Mexico...	1969-1971	58.8	57.5	62.9	61.2
Temperate South America:					
Chile......................................	1951-1953	51.6	52.0	55.6	55.7
	1959-1961	54.7	54.7	60.1	59.8
	1969-1971	58.9	55.4	64.9	61.1
Tropical South America:					
Colombia....................................	1963-1965	57.7	55.6	59.7	58.3
Guyana....................................	1959-1961	59.5	55.1	63.7	58.8
Peru....................................	1969-1971	53.3	58.8	57.3	62.5
East Asia					
Other East Asia:					
Hong Kong....................................	1960-1962	63.7	57.8	71.1	65.2
	1970-1972	67.6	59.7	75.2	66.9
	1976	69.6	61.1	76.6	67.9
Republic of Korea..............................	1971-1975	59.3	52.8	66.1	60.0
South Asia					
Eastern South Asia:					
Philippines....................................	1969-1971	58.7	56.4	64.0	61.0
Singapore....................................	1969-1971	65.9	57.9	72.2	64.0
Thailand....................................	1969-1971	56.5	54.4	60.8	· 57.9
Middle South Asia:					
Matlab (Bangladesh)...........................	1974 and 1976 (average)	52.6	56.1	52.8	56.4
India....................................	1970-1972	49.1	53.3	46.2	51.9
Iran....................................	1973-1976	57.2	59.5	56.6	60.8
Sri Lanka....................................	1945-1947	44.8	48.5	43.1	46.8
	1952-1954	58.4	58.6	57.3	57.4
	1962-1964	62.1	59.7	62.6	59.9
	1970-1972	63.8	59.4	66.7	62.2
Western South Asia:					
Arab country:					
Kuwait....................................	1974-1976	65.9	60.2	70.3	64.4
Non-Arab country:					
Israel:					
Jewish population........................	1948-1949	65.1	60.5	67.6	62.2
	1960-1962	70.8	63.4	72.6	64.9
	1971-1973	70.5	62.4	73.5	65.0
Non-Jewish population	1971-1973	66.6	60.4	69.9	63.2

TABLE 2. DISTRIBUTION OF INPUT LIFE TABLES, BY EXPECTATION OF LIFE AT BIRTH

	Life expectancy at birth (years)							
	Under 45	45-49	50-54	55-59	60-64	65-69	70 and over	Total
Males.............	3	2	8	9	5	7	2	36
Females..........	3	2	3	6	9	5	8	36
Total	6	4	11	15	14	12	10	72

Source: Table 1.

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a case-by-case basis, deaths reported in a survey with those recorded in a vital registration system; and comparison of levels and age patterns of mortality with those implied by application of indirect estimation techniques to survey or census data on children ever born and children surviving.[5] These external tests often provided

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[5] Various approaches now exist for estimating early-age mortality from tabulations of children ever born and children surviving. For a description of these approaches, see the forthcoming manual being prepared jointly by the Population Division of the United Nations and the Committee on Population and Demography of the American National Academy of Sciences.

estimates of completeness of death registration within specific age segments and as such could be used to adjust the data.

Through these types of tests and checks all available data were evaluated and accepted for inclusion in the refined data base whenever they indicated the data to be of high quality or provided consistent and supportive information to make reliable adjustments. In this way the 36 male-female life tables from 22 less developed countries were selected for inclusion in the refined data base. These life tables, together with brief summaries of the evaluations and adjustments made, are given in annex V to the present volume.

II. CONSTRUCTION OF THE MODEL LIFE TABLES

After experimentation with several approaches, a variation of classical principal components analysis was chosen as the analytical model. In this approach the age patterns of mortality which comprised the refined input data set were stratified into clusters by graphical and statistical procedures, each cluster having a distinct average age pattern of mortality. A principal-components model was then fitted to the deviations of each age pattern of mortality from its own cluster average. The age pattern of mortality for each input life table was operationalized as the vector of logit $[_nq_x]$ values, the cluster average as the simple averages of the logit $[_nq_x]$ values within the cluster and the deviations of each pattern from its cluster average as the arithmetic differences for each age-group. In all cases the age-groups involved were 0-1, 1-4, 5-9, 10-14, ... 80-84.

The details of the model life table construction are as follows. First, profiles of the age patterns of mortality for each life table were constructed by two statistical procedures and one graphical procedure. The statistical procedures were linearly optimal profile construction (based on second and third eigenvectors) and dynamic clustering analysis (maximum linkage, lower ultrametric).[6] The graphical procedure was very simple. For each input life table, the ratios $R(x) = _nq_x/_nq_x^w$ were calculated, where $_nq_x$ is the mortality rate at age x for the given life table and $_nq_x^w$ is the mortality rate at age x in the Coale and Demeny West region model life table with the same life expectancy at age 10. The $R(x)$ values were then plotted against age for each life table and the plots were ocularly arranged according to similarity of patterns. All three methods produced essentially the same clusters. There

were four clear pattern groups and a few life tables which did not fit together well or easily into any other groups. The four pattern groups or clusters were as follows: The first cluster contains the life tables from the Latin American countries of Colombia, Costa Rica, El Salvador, Guatemala, Honduras, Mexico and Peru, as well as the non-American countries of the Philippines, Sri Lanka and Thailand. The second cluster was the very distinctive pattern of the Chilean life tables. The third cluster was made up of tables from India, Iran, the Matlab area of Bangladesh and Tunisia. The fourth cluster consisted of the tables from Guyana, Hong Kong, the Republic of Korea, Singapore and Trinidad and Tobago among the male populations, and Guyana, Singapore and Trinidad and Tobago among the female populations. The four patterns have been labelled the Latin American pattern, the Chilean pattern, the South Asian pattern, and the Far Eastern pattern, respectively, according to the geographical region which is predominant within each pattern group. Life tables from Israel and Kuwait as well as those for the female populations of Hong Kong and the Republic of Korea did not cohere into any cluster and were therefore omitted from the principal-components analysis and included only in construction of the general pattern of mortality described below.

Within each of these clusters values of $_nD_x^{ij}$ were calculated; these are defined, for each age-group, as $(x, x + n)$, the difference between the logit $[_nq_x]$ values for life table j of cluster i and the average of the logit values for all the life tables within cluster i, where

$$\text{logit } [_nq_x] = 1/2 \, ln \left(\frac{_nq_x}{1 - _nq_x} \right).$$

As expected, a $_nD_x^{ij}$ value for one age-group is highly correlated with values at other age-groups. The correlation matrix is presented in tables 3 and 4 for males and

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[6] These procedures are explained in J. A. Hartigan, *Clustering Algorithms* (New York, John Wiley and Sons, 1975); and P. H. Sneath and R. R. Sokal, *Numerical Taxonomy—The Principles and Practices of Numerical Classification* (San Francisco, Calif., W. H. Freeman, 1973).

TABLE 3. CORRELATIONS AMONG $_nD_x^{ij}$ VALUES CALCULATED FROM MALE LIFE TABLES

Age x	0	1	5	10	15	20	25	30	35	40	45	50	55	60	65	70	75	80
0		0.93	0.79	0.82	0.79	0.83	0.84	0.83	0.85	0.83	0.82	0.79	0.77	0.75	0.74	0.68	0.59	0.35
1			0.87	0.85	0.78	0.82	0.84	0.84	0.86	0.85	0.84	0.82	0.81	0.81	0.79	0.72	0.63	0.42
5				0.96	0.89	0.88	0.88	0.89	0.91	0.92	0.93	0.92	0.93	0.92	0.91	0.87	0.85	0.69
10					0.97	0.95	0.93	0.92	0.93	0.94	0.95	0.93	0.94	0.92	0.93	0.90	0.87	0.68
15						0.97	0.95	0.92	0.93	0.93	0.94	0.93	0.93	0.90	0.91	0.87	0.85	0.65
20							0.98	0.96	0.96	0.96	0.95	0.93	0.93	0.89	0.89	0.82	0.79	0.58
25								0.99	0.98	0.98	0.96	0.94	0.94	0.89	0.89	0.80	0.79	0.55
30									0.98	0.98	0.96	0.94	0.93	0.89	0.87	0.77	0.76	0.52
35										0.99	0.99	0.96	0.96	0.91	0.90	0.82	0.80	0.56
40											0.99	0.98	0.97	0.93	0.91	0.84	0.81	0.58
45												0.99	0.98	0.95	0.94	0.87	0.84	0.63
50													0.99	0.98	0.95	0.89	0.86	0.66
55														0.98	0.97	0.92	0.90	0.69
60															0.96	0.93	0.89	0.72
65																0.95	0.93	0.73
70																	0.97	0.83
75																		0.89
80																		

Age x	0	1	5	10	15	20	25	30	35	40	45	50	55	60	65	70	75	80
0		0.90	0.73	0.80	0.80	0.77	0.78	0.81	0.83	0.84	0.83	0.80	0.76	0.75	0.68	0.59	0.54	0.25
1			0.89	0.89	0.91	0.90	0.91	0.92	0.92	0.91	0.89	0.85	0.84	0.82	0.79	0.72	0.66	0.40
5				0.94	0.94	0.94	0.94	0.93	0.93	0.92	0.92	0.91	0.92	0.91	0.91	0.88	0.82	0.62
10					0.96	0.94	0.94	0.94	0.95	0.94	0.93	0.91	0.91	0.90	0.89	0.87	0.84	0.63
15						0.99	0.98	0.98	0.98	0.96	0.95	0.92	0.91	0.88	0.87	0.86	0.83	0.65
20							0.99	0.99	0.98	0.95	0.94	0.91	0.90	0.87	0.88	0.87	0.84	0.67
25								0.99	0.99	0.96	0.95	0.92	0.92	0.89	0.89	0.87	0.85	0.68
30									1.00	0.98	0.97	0.94	0.93	0.90	0.89	0.87	0.84	0.65
35										0.99	0.97	0.95	0.93	0.91	0.90	0.87	0.84	0.64
40											0.99	0.98	0.96	0.95	0.91	0.86	0.83	0.61
45												0.99	0.98	0.97	0.93	0.88	0.85	0.62
50													0.99	0.98	0.94	0.88	0.83	0.61
55														0.99	0.97	0.91	0.86	0.63
60															0.97	0.91	0.86	0.61
65																0.97	0.93	0.71
70																	0.98	0.83
75																		0.89
80																		

females. Correlation coefficients are generally above 0.80 with low correlations occurring mainly for the oldest age-groups. Because each cluster consists of a set of consistent life tables with similar age patterns of mortality, the $_nD_x^{ij}$ vector for each input life table can be considered an indication of the age pattern of mortality change, i.e., it indicates how mortality changes by age. On the assumption that the age pattern of mortality change is invariant to the cluster pattern,[7] we can express the age structure of mortality in any country (defined by its logit $[_nq_x]$ values) as $_nY_x^{ij} \doteq _n\overline{Y}_x^i + a_{1j}U_{1x}$ where $_nY_x^{ij}$ equals the logit of the $_nq_x$ function for life table j of cluster i and $_n\overline{Y}_x^i$ equals the average of the $_nY_x^{ij}$ within each cluster. The vector U_{1x} then designates the average age pattern of mortality change (some kind of average of the $_nD_x^{ij}$ values) and a_{1j} designates the amount of change. This is essentially a 1-component principal-components model, with the vector U_{1x}, called the first principal-component vector, signifying the age pattern of mortality change and its coefficient (a_{1j}), called the loading factor, indicating the extent of the change pertaining to life table j.

Of course, this 1-component model will not explain all the variation in the age structures of mortality that appear in the life tables of the refined data set. New sets of deviations, calculated as the difference between the empirical logit $[_nq_x]$ values and those predicted from the 1-component model, can be calculated. If we let U_{2x} designate some kind of average age pattern of these second-order deviations and a_{2j} designate the magnitude of this pattern of deviations for any life table j, then a 2-component model can be constructed as:

$$_nY_x^{ij} \doteq _n\overline{Y}_x^i + \sum_{m=1}^{2} a_{mj}U_{mx}.$$

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[7] The assumption of invariance of age pattern of mortality change to cluster pattern appears very strong at first glance. However, separate application of the principal-components analysis on the Latin American pattern, the Chilean pattern and the Far Eastern pattern showed very similar first-component vectors within each cluster. (Because there was little variation in mortality levels among the life tables included in the South Asian pattern it was impossible to carry out a separate principal-components analysis for that cluster.) It was this empirical finding that permitted the superimposing of a single pattern of mortality change on the four different basic age patterns.

In the same way 3-, 4- or up to 18-component models can be estimated. The functional form of the model can therefore be expressed as

$$_nD_x^{ij} = _nY_x^{ij} - _n\overline{Y}_x^i \doteq \sum_{m=1}^{k} a_{mj}U_{mx} \qquad (1)$$

where:

$_nY_x^{ij}$ equals the logit of the $_nq_x$ function (probability of dying between ages x and $x + n$) for life table j of cluster i; $_n\overline{Y}_x^i$ equals the average of the $_nY_x^{ij}$ within each cluster; a_{mj} equals the factor loading to the mth principal-component vector for country j in the principal-components analysis; U_{mx} equals the element of the mth principal-component vector corresponding to age-group $(x, x + n)$; and k is the number of principal components.

For application purposes it is often more convenient to express the model as

$$_nY_x^{ij} \doteq _n\overline{Y}_x^i + \sum_{m=1}^{k} a_{mj}U_{mx}. \qquad (2)$$

When $k=1$, the model is referred to as a 1-component model; when $k=2$, as a 2-component model, and so forth. The principal-components model is similar to more usual linear regression procedures in that the values of parameters are found which minimize sums of squared deviations. In this case, we find the vectors $U_{1x}, U_{2x}, U_{3x}, \ldots, U_{kx}$ which sequentially minimize the sum of squared deviations between actual and predicted $_nD_x^{ij}$ values. Distances between actual and predicted values are measured as perpendicular (orthogonal) distances, rather than vertical distances. It can be shown that the U_{mx} vectors are simply the eigenvectors of the matrix of covariances of the $_nD_x^{ij}$ values.[8] Although as many components as there are variables (age-groups) are necessary to explain all the variation in the $_nD_x^{ij}$ values (in our case 18 components are necessary since there are 18 age-groups), often the first few components account for a sufficient amount of variation to be usable for many purposes. In

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[8] For a more rigorous description of principal-components analysis see, for example, D. F. Morrison, *Multivariate Statistical Methods* (New York, McGraw-Hill, 1976).

TABLE 5. AVERAGE PATTERN OF MORTALITY FOR EACH CLUSTER DEFINED BY LOGIT $[_nq_x]$ VALUES

	Males						Females				
	Cluster						Cluster				
Age x	Latin American	Chilean	South Asian	Far Eastern	General	Age x	Latin American	Chilean	South Asian	Far Eastern	General
0	−1.12977	−1.04722	−0.97864	−1.53473	−1.27638	0	−1.22452	−1.12557	−0.97055	−1.42596	−1.35963
1	−1.49127	−1.81992	−1.24228	−2.15035	−1.78957	1	−1.45667	−1.82378	−1.15424	−1.95200	−1.77385
5	−2.13005	−2.42430	−2.01695	−2.61442	−2.35607	5	−2.13881	−2.52319	−1.93962	−2.55653	−2.39574
10	−2.40748	−2.52487	−2.44280	−2.66392	−2.55527	10	−2.46676	−2.63933	−2.36857	−2.68018	−2.64549
15	−2.21892	−2.24491	−2.35424	−2.42326	−2.34263	15	−2.31810	−2.38847	−2.19082	−2.33095	−2.44766
20	−2.01157	−2.02821	−2.27012	−2.23095	−2.16193	20	−2.14505	−2.20417	−2.09358	−2.15952	−2.28991
25	−1.93591	−1.90923	−2.16833	−2.15279	−2.09109	25	−2.03883	−2.09701	−2.04788	−2.03377	−2.18850
30	−1.86961	−1.78646	−2.05942	−2.05765	−2.00215	30	−1.93924	−1.99128	−1.95922	−1.94554	−2.08535
35	−1.76133	−1.66679	−1.90053	−1.89129	−1.86781	35	−1.83147	−1.87930	−1.87311	−1.82299	−1.97231
40	−1.64220	−1.52497	−1.71213	−1.68244	−1.70806	40	−1.74288	−1.75744	−1.76095	−1.69084	−1.84731
45	−1.49651	−1.37807	−1.51120	−1.47626	−1.52834	45	−1.62385	−1.61558	−1.61425	−1.52189	−1.69291
50	−1.34160	−1.21929	−1.28493	−1.23020	−1.33100	50	−1.47924	−1.45886	−1.39012	−1.33505	−1.50842
55	−1.15720	−1.03819	−1.08192	−1.02801	−1.12934	55	−1.28721	−1.26115	−1.15515	−1.13791	−1.30344
60	−0.96945	−0.84156	−0.84671	−0.77148	−0.91064	60	−1.07443	−1.05224	−0.90816	−0.93765	−1.08323
65	−0.74708	−0.63201	−0.62964	−0.54696	−0.68454	65	−0.83152	−0.80346	−0.68011	−0.72718	−0.84402
70	−0.52259	−0.42070	−0.40229	−0.32996	−0.45685	70	−0.59239	−0.58202	−0.43231	−0.50916	−0.59485
75	−0.29449	−0.21110	−0.19622	−0.11911	−0.23002	75	−0.35970	−0.35093	−0.17489	−0.28389	−0.34158
80	−0.04031	0.01163	−0.00129	0.10572	0.00844	80	−0.08623	−0.10587	0.05948	−0.01285	−0.06493

7

the case of the model life table project, one component alone explained about 90 per cent of the variation, whereas three components explained 97 per cent.

In table 5 is presented, by sex, the average pattern of mortality for each cluster as operationalized by the average of the logit $[_nq_x]$ values of the life tables it contains. An over-all pattern, referred to here as the "general pattern", is also shown. This general pattern was estimated by averaging the logit $[_nq_x]$ values of all life tables in the refined data set without regard to cluster. Chapter III below describes in detail the characteristics of the various patterns.

Table 6 presents the first three principal-component vectors by sex. As expected, the first principal component models the age pattern of mortality change. According to this component, as mortality declines, change is greatest during the childhood years and lessens as age increases. Declines during infancy are somewhat smaller than those during childhood, similar to those that take place during

the later middle years of life. The phrase, "pattern of mortality change", as used here, of course refers to change in the logit $[_nq_x]$ function of the life table. Since, except when $_nq_x$ values are quite high, the logit $[_nq_x]$ is very close to one half of $\ell n \ _nq_x$ values, it is possible to think of elements of the first component as representing proportional change in $_nq_x$ values.

The second component appears to account mainly for characteristic differences among life tables in the relation between mortality under age 5 and mortality above age 5, differences that were not fully accounted for by either the initial clustering of the mortality patterns into four groups or by the age pattern of mortality change described by the first component. The third component appears to affect mortality during the childbearing years for females and during a diverse group of ages for males.

The set of model life tables presented in annex I is a 1-component model, based on the five average patterns (the four distinct pattern groups and the over-all general

TABLE 6. FIRST THREE PRINCIPAL COMPONENTS

	Males			Females		
	1st component U_{1x}	2nd component U_{2x}	3rd component U_{3x}	1st component U_{1x}	2nd component U_{2x}	3rd component U_{3x}
Age x						
0	0.23686	−0.46007	0.09331	0.18289	−0.51009	0.23944
1	0.36077	−0.68813	−0.29269	0.31406	−0.52241	−0.11117
5	0.33445	0.06414	−0.47139	0.31716	0.08947	0.07566
10	0.30540	0.12479	−0.17403	0.30941	0.03525	0.06268
15	0.28931	0.24384	0.10715	0.32317	0.03132	−0.26708
20	0.28678	0.10713	0.28842	0.32626	0.07843	−0.39053
25	0.27950	0.06507	0.33620	0.30801	0.06762	−0.28237
30	0.28023	0.03339	0.33692	0.29047	0.00482	−0.14277
35	0.26073	0.02833	0.21354	0.25933	−0.01409	−0.05923
40	0.23626	0.06473	0.15269	0.22187	−0.02178	0.18909
45	0.20794	0.08705	0.06569	0.19241	0.01870	0.24773
50	0.17804	0.10620	0.00045	0.17244	0.04427	0.33679
55	0.15136	0.11305	−0.03731	0.15729	0.08201	0.34121
60	0.13217	0.09467	−0.10636	0.14282	0.08061	0.38290
65	0.12243	0.10809	−0.11214	0.12711	0.15756	0.26731
70	0.11457	0.14738	−0.22258	0.11815	0.24236	0.14442
75	0.10445	0.21037	−0.19631	0.11591	0.30138	0.09697
80	0.08878	0.30918	−0.38123	0.09772	0.50530	−0.13377

TABLE 7. PROPORTION OF VARIATION IN MORTALITY EXPLAINED BY COMPONENT AND AGE

	Males			Females		
	Proportion of variation explained by:			Proportion of variation explained by:		
Age x	One component	Two components	Three components	One component	Two components	Three components
0	0.772	0.931	0.935	0.687	0.911	0.932
1	0.815	0.977	0.993	0.870	0.971	0.973
5	0.909	0.911	0.965	0.921	0.924	0.925
10	0.951	0.960	0.969	0.935	0.936	0.937
15	0.914	0.950	0.954	0.974	0.974	0.986
20	0.940	0.947	0.975	0.967	0.969	0.994
25	0.946	0.949	0.990	0.974	0.976	0.991
30	0.933	0.934	0.974	0.982	0.982	0.986
35	0.959	0.960	0.979	0.985	0.986	0.986
40	0.962	0.966	0.978	0.962	0.962	0.975
45	0.964	0.974	0.976	0.954	0.954	0.982
50	0.933	0.951	0.951	0.913	0.915	0.976
55	0.934	0.963	0.964	0.898	0.908	0.982
60	0.884	0.909	0.926	0.866	0.878	0.987
65	0.870	0.907	0.929	0.843	0.897	0.962
70	0.763	0.831	0.918	0.789	0.928	0.949
75	0.700	0.854	0.928	0.725	0.931	0.940
80	0.386	0.641	0.854	0.412	0.874	0.887
All ages combined	0.892	0.940	0.967	0.913	0.952	0.968

pattern) and the age pattern of mortality change defined by the first principal component. As shown in table 7, such a 1-component model explains most of the variation among all the input life tables. Specifically, 89 per cent for males and 91 per cent for females of the variation in the logit $[_nq_x]$ values in the input data set are accounted for by the first component after the regional clustering. However, as is clearly observed from table 7, the amount of variation in mortality explained is not identical for all age-groups. Among males, 90 per cent or more of variation is explained only for ages between 5 and 59; for females, this range extends from 5 to 54. The second and third components explain over-all an additional 5 per cent and 3 per cent of variation, respectively, for males; 4 per cent and 2 per cent, respectively, for females. For both sexes, with extension of the model to two components, over 90 per cent of variation is explained for all but a few of the oldest age-groups.

The models presented in annex I are 1-component models. However, advantage can be taken of the availability of the second and third components and the additional variation they explain to form variant model age patterns. These possibilities are explored in chapter IV below.

III. OVERVIEW OF THE MODEL AGE PATTERNS

The procedures described in the previous chapter identified four age patterns of mortality. These patterns have been labelled the Latin American pattern, the Chilean pattern, the South Asian pattern and the Far Eastern pattern according to the geographical region which is predominant within each pattern group. A fifth pattern, denoted the general pattern, has also been constructed, based on the average of logit $[_nq_x]$ values for all life tables combined (including those not contained in any of the regional patterns). Figures I and II present graphically these age patterns of mortality in the form of the ratios q_x/q_x^w as a function of age x, where q_x is the mortality rate at age x for the given model and q_x^w is the mortality rate at age x in the Coale and Demeny West region model life table with the same expectation of life at age 10. The graphs show the ratios for life expectancy at birth of 40, 55 and 70 years in the new tables. The paragraphs below describe in turn characteristics of the life tables in each of these models. Included in the discussion are not only the life tables which make up the refined data set but also

other presumably less reliable life tables which appear to have similar characteristics.

The first model, designated the Latin American pattern, is based on the life tables of Colombia, Costa Rica, El Salvador, Guatemala, Honduras, Mexico and Peru, as well as the non-American countries of the Philippines, Sri Lanka and Thailand which were shown by the previously mentioned statistical and graphical procedures to have similar patterns of mortality. Compared to historical Western European experience, as described by the Coale and Demeny West region pattern, the South Asian pattern shows high mortality during the infant and childhood years, high mortality again during young adult years and relatively low mortality during the older years. These deviations are rather small when mortality is high but increase as mortality declines, perhaps reflecting the growing importance, relative to Western European experience, of diarrhoeal and parasitic diseases during childhood and accidental deaths (mainly motor vehicle) during the prime ages, and the

Figure I.   Deviations of developing country patterns from Coale and Demeny West region (males)

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Figure I *(continued)*

South Asian pattern

Males

$e_0 = 40$ ——

$e_0 = 55$ ----

$e_0 = 70$ ••••

Ratio q_x/q_x^w

Age *(years)*

Chilean pattern

Males

$e_0 = 40$ ——

$e_0 = 55$ ----

$e_0 = 70$ ••••

Ratio q_x/q_x^w

Age *(years)*

General pattern

Males

$e_0 = 40$ ——

$e_0 = 55$ ----

$e_0 = 70$ ••••

Ratio q_x/q_x^w

Age *(years)*
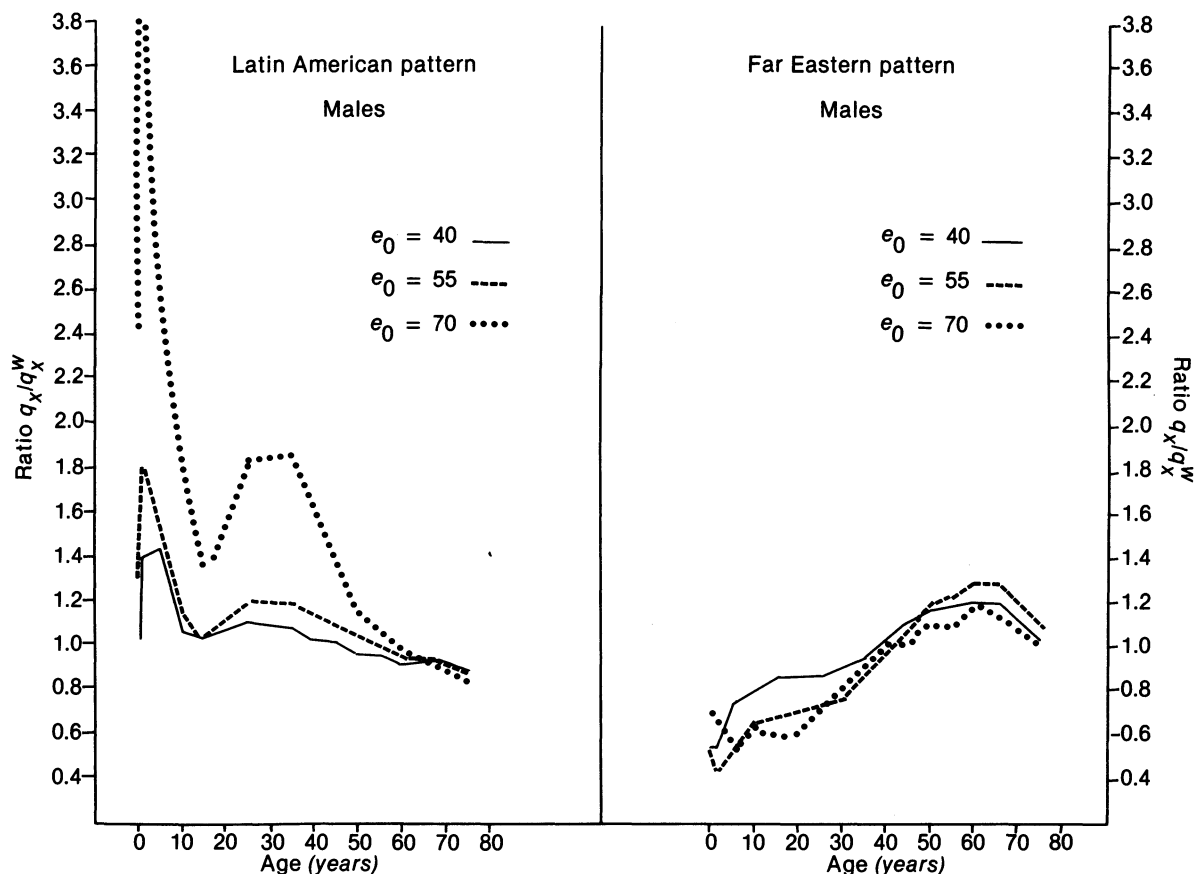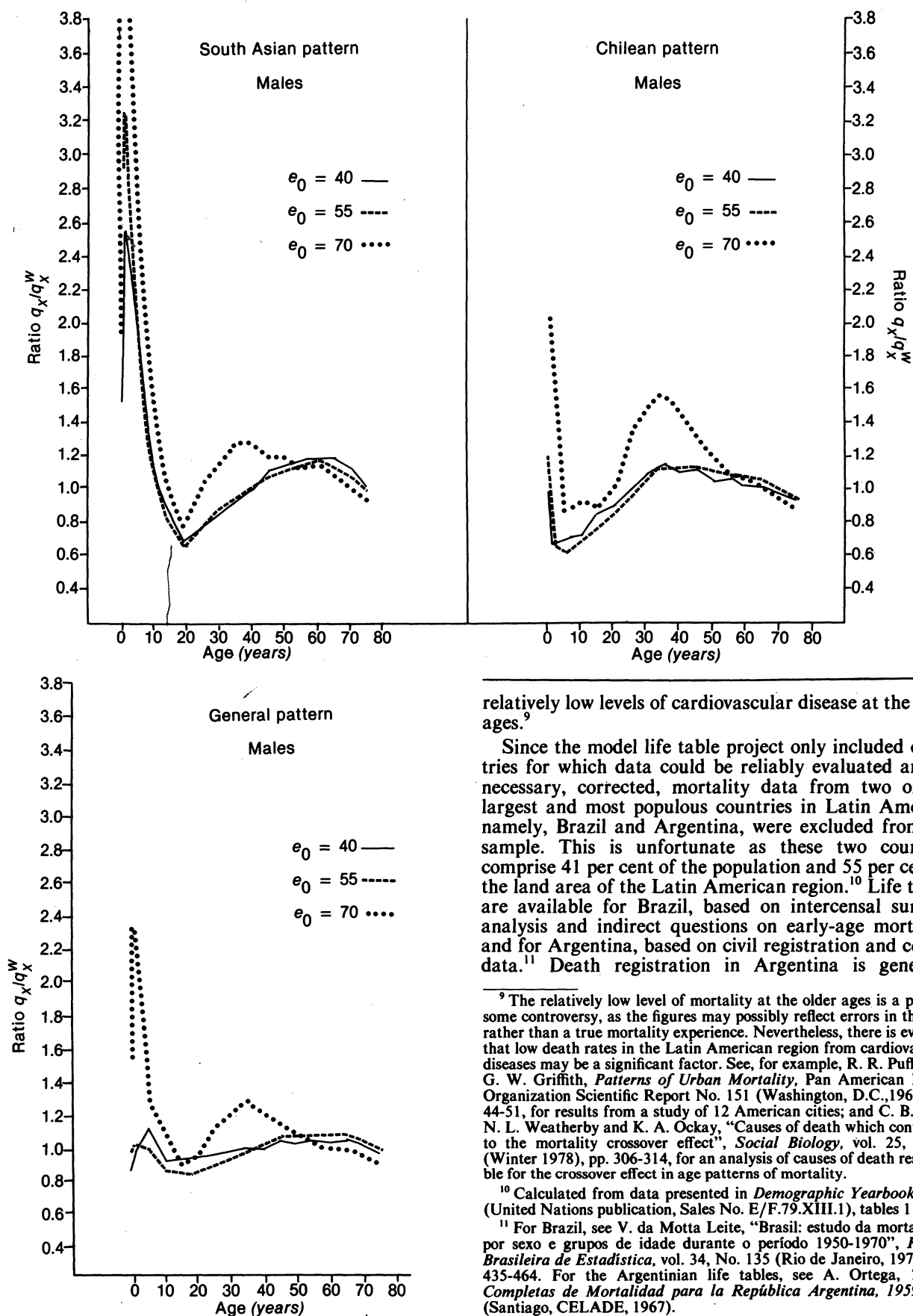
relatively low levels of cardiovascular disease at the older ages.[9]

Since the model life table project only included countries for which data could be reliably evaluated and, if necessary, corrected, mortality data from two of the largest and most populous countries in Latin America, namely, Brazil and Argentina, were excluded from the sample. This is unfortunate as these two countries comprise 41 per cent of the population and 55 per cent of the land area of the Latin American region.[10] Life tables are available for Brazil, based on intercensal survival analysis and indirect questions on early-age mortality, and for Argentina, based on civil registration and census data.[11] Death registration in Argentina is generally

[9] The relatively low level of mortality at the older ages is a point of some controversy, as the figures may possibly reflect errors in the data rather than a true mortality experience. Nevertheless, there is evidence that low death rates in the Latin American region from cardiovascular diseases may be a significant factor. See, for example, R. R. Puffer and G. W. Griffith, *Patterns of Urban Mortality*, Pan American Health Organization Scientific Report No. 151 (Washington, D.C.,1967), pp. 44-51, for results from a study of 12 American cities; and C. B. Nam, N. L. Weatherby and K. A. Ockay, "Causes of death which contribute to the mortality crossover effect", *Social Biology*, vol. 25, No. 4 (Winter 1978), pp. 306-314, for an analysis of causes of death responsible for the crossover effect in age patterns of mortality.

[10] Calculated from data presented in *Demographic Yearbook, 1978* (United Nations publication, Sales No. E/F.79.XIII.1), tables 1 and 3.

[11] For Brazil, see V. da Motta Leite, "Brasil: estudo da mortalidade por sexo e grupos de idade durante o período 1950-1970", *Revista Brasileira de Estadística*, vol. 34, No. 135 (Rio de Janeiro, 1973), pp. 435-464. For the Argentinian life tables, see A. Ortega, *Tablas Completas de Mortalidad para la República Argentina, 1959-1961* (Santiago, CELADE, 1967).

Figure II. Deviations of developing country patterns from Coale and Demeny West region (females)

Latin American pattern
Females

$e_0 = 40$ ——
$e_0 = 55$ -----
$e_0 = 70$ ••••

Far Eastern pattern
Females

$e_0 = 40$ ——
$e_0 = 55$ -----
$e_0 = 70$ ••••

South Asian pattern
Females

$e_0 = 40$ ——
$e_0 = 55$ -----
$e_0 = 70$ ••••

Chilean pattern
Females

$e_0 = 40$ ——
$e_0 = 55$ -----
$e_0 = 70$ ••••

Figure II (continued)

General pattern

Females

$e_0 = 40$ ——

$e_0 = 55$ ----

$e_0 = 70$ ••••

Ratio q_x/q_x^w

Age (years)

deaths from respiratory diseases.[13] This pattern was unique in the sample of reliable life tables but is included because it may appear in areas where accurate evidence of age patterns of mortality is not yet available.

A third pattern delineated is the South Asian pattern of mortality. This pattern shows, relative to West region tables, very high rates under age 15 and very high rates again at the oldest ages, with correspondingly lower mortality for the prime age-groups. Life tables for India, Iran, the Matlab area of Bangladesh, and Tunisia all show this pattern. Similar patterns appear in less reliable life tables constructed for Bangladesh, Nepal, Pakistan and Turkey.[14] Life tables constructed for China and Indonesia also show such a pattern, with the exception of remarkably low mortality under age 5.[15] Cause of death data are nearly non-existent for these populations but it can be surmised that the South Asian pattern is related to high incidences of infectious, parasitic and diarrhoeal diseases at the youngest ages and high mortality from diarrhoeal and respiratory diseases at the oldest ages.[16] It is interesting to note that the deviations in these life tables are very similar to those of the Coale and Demeny South region, except that the South region deviations are somewhat less extreme.

A fourth identified age pattern of mortality has been labelled the Far Eastern pattern. Goldman recently noted the existence of a distinctive pattern of mortality in selected Far Eastern populations.[17] This pattern is characterized by high male death rates at older ages relative to their death rates at younger ages and very high sex ratios of mortality at the older ages. Goldman found some

considered to be reliable for the adult ages but is of unknown completeness for deaths at the earliest ages.[12] Age patterns of mortality for these two countries, as represented by deviations from West region patterns, are presented in figure III. Brazil shows deviations similar to those of the Latin American model. However, intercensal survival techniques are probably better suited to estimating the over-all level of mortality than identifying age patterns, especially in situations such as the Brazilian where age mis-statement occurs and adjustments for migration must be made. It is not certain, therefore, whether Brazil actually follows the Latin American pattern or whether the pattern implicit in these Brazilian life tables is a function of data errors and estimation methodology.

Although the pattern for the Argentinian life table for females closely follows the Latin American pattern, the male life table does not. The latter pattern is very close to that of Chile, described below, with relatively low mortality at the younger ages, except during infancy, and somewhat higher mortality in the later years.

The second pattern of mortality presented in figures I and II has been labelled the Chilean pattern. The Chilean pattern was estimated from Chilean life tables for the periods 1949-1951, 1959-1961, and 1969-1971. It has some similarities to the Far Eastern pattern except for an extremely high infant mortality rate due presumably to

[13] See World Health Organization, *World Health Statistics Annual, 1979*, vol. 1, *Vital Statistics and Causes of Death* (Geneva, 1979), table 9. The Chilean rate is especially high for pneumonia (A91-92). It has also been suggested that early weaning may be responsible for Chile's high infant mortality rate. See S. J. Plank and M. L. Milanesi, "Infant feeding and infant mortality in rural Chile", *Bulletin of the World Health Organization*, vol. 48, No. 2 (1973), pp. 203-210.

[14] Life tables for these countries appear in United States Bureau of the Census, *Country Demographic Profiles: Pakistan*, by F. B. Hobbs (Washington, D.C., 1980), p. 11, table 5; F. Yusuf, "Abridged life tables for Pakistan and its provinces, 1962-64", *Contributed Papers to the Sydney Conference of the International Union for the Scientific Study of Population*, 21-25 August 1967, pp. 533-541; United States Bureau of the Census, *Country Demographic Profiles: Nepal*, by R. G. Kramer (Washington, D.C., 1980), p. 8, table 5; and Republic of Turkey and Hacettepe University, *Vital Statistics from the Turkish Demographic Survey 1966-67* (Ankara, 1970), p. 121, table 24.

[15] For the Indonesian life tables, see United States Bureau of the Census, *Levels and Trends of Mortality in Indonesia, 1961 to 1971*, by Larry Heligman, International Research Document No. 2 (Washington, D.C., 1975), pp. 3-4, tables B and C. The data for China are from J. Bannister and S. Preston, *Estimates of Completeness of Death Recording in the Chinese Sample Survey of 1972-74*, paper presented at the Workshop on Population Research in China, National Academy of Science, Committee on Population and Demography, Washington, D.C., 28 October 1980.

[16] Although reliability of cause of death data in this region is very low, data are tabulated and analysed regularly as part of the Cholera Research Laboratory project in Matlab and as part of the Model Registration Project in rural India. The Matlab project finds high death rates from dysentery and respiratory diseases (including tuberculosis) among the adult population. In the Indian project, among those aged 55 and over, diseases of the "cough group" (including broncho-pneumonia, pneumonia, respiratory tuberculosis and bronchitis) plus diseases from the diarrhoea group accounted for about two thirds of all deaths. See Cholera Research Laboratory, *Demographic Surveillance System-Matlab*, vol. 5, *Vital Events, Migration and Marriages 1976*, Scientific Report No. 13 (Dacca, 1978), p. 8; and India, Office of the Registrar General, *Model Registration, Survey of Causes of Death: Report for 1971*, series 3, No. 5 (New Delhi, n.d.) pp. 11-14.

[17] N. Goldman, "Far Eastern patterns of mortality", *Population Studies*, vol. 34, No. 1 (London, 1980), pp. 5-19.

[12] See *Population and Vital Statistics Report, Data available as of 1 April 1980* (United Nations publication, ST/ESA/STAT/SER.A/132), pp. 8-9.

13

Figure III. **Deviations of Brazilian and Argentinian life tables from Coale and Demeny West region**
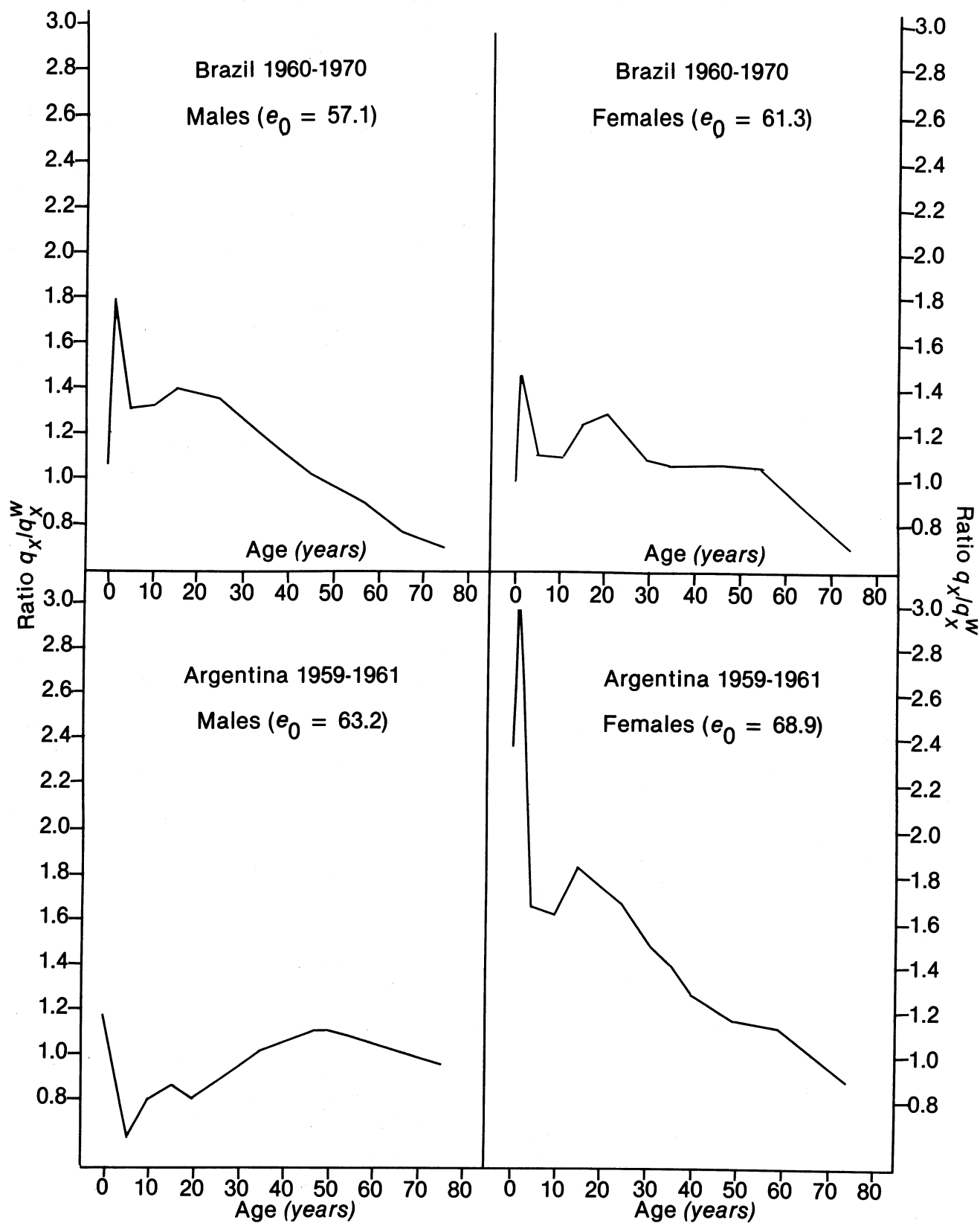
evidence that this pattern may be related to a high incidence of tuberculosis in the past which is still evident among adult males in these populations. Research at the United Nations has duplicated Goldman's findings for these populations but has also found a similar pattern of high adult mortality relative to younger-age mortality in Guyana and Trinidad and Tobago. However, in the latter two populations females also show relatively high mortality at the adult ages so that the large sex differentials in mortality at these ages do not appear. A recent life table constructed for Peninsular Malaysia at the United States Bureau of the Census also shows this latter characteristic.[18] The term "Far Eastern pattern" is generalized here to include age patterns characterized by high older-age death rates relative to younger-age death rates, irrespective of sex differentials. Among populations so far identified as having this pattern are the male populations of Guyana, Hong Kong, Peninsular Malaysia, the Republic of Korea, Singapore and Trinidad and Tobago; and the female populations of Guyana, Malaysia, Singapore and Trinidad and Tobago.

The fifth pattern—the general pattern—is constructed as an average of all the life tables in the refined data set, without consideration of cluster. This average pattern appears very similar to that of the Coale and Demeny West region except when mortality is very low. Because of the varied mix of countries underlying the general pattern it is difficult to offer etiological hypotheses of the underlying cause-of-death structure. The age pattern at low levels of mortality presented in figures I and II is similar to that of the Latin American pattern. But rather than suggesting a similar cause-of-death structure the large relative deviations from the West region at low levels of mortality may only indicate the dangers of extrapolation, both in the new United Nations model life tables and in the Coale and Demeny tables.

It appears that the above-mentioned patterns account for many of the variations of mortality in the less developed countries of Latin America, Asia and possibly Northern Africa. Age patterns of mortality in sub-Saharan Africa remain unknown, however, due to the extreme unreliability of the limited data available. The forthcoming United Nations publication, *Levels and Trends in Mortality since 1950,*[19] briefly examines patterns in seven selected sub-Saharan countries (Kenya, Madagascar, Mauritius, Réunion, the Coloured population of South Africa, the United Republic of Cameroon and the Upper Volta) and concludes:

"The results of these comparisons are disappointing with respect to discovering a single age pattern of mortality for sub-Saharan Africa. If the seven countries analysed are representative, African data show a wide variety of mortality patterns. Some of these patterns are similar to the models of Coale and Demeny, others are not. Patterns under age 10 and over age 10 may resemble different Coale-Demeny models. However, given the unreliability of the data at hand, statements about the age patterns of mortality in this region must remain tentative".

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[18] *Country Demographic Profiles: Malaysia,* by G. S. Finch and A. Sweetser (Washington, D.C., United States Bureau of the Census, 1979), p. 8, table 5.

[19] Sales No. E.81. XIII. 3.

IV. USE OF THE MODEL TABLES

How the model tables are used for estimating the age pattern of mortality in a given country will depend on the data available and the researcher's confidence in those data. For example, under some circumstances, when no data are available, the user may wish to assume that the age pattern of mortality is identical to that of one of the patterns presented here, or is similar to an actual observed age pattern in a nearby country and use the first-component vector with an appropriate factor loading to adjust the mortality level to a desired life expectancy. Under circumstances when death rates by age and sex are available, the models can be used to smooth the data or to adjust the data for perceived errors. For use in population projections, projected life tables can be generated from a known current life table and the age pattern of mortality change implied by the first principal-component vector. New model patterns can be generated based on an average age pattern of mortality for a country or region and use of the first-component vector to generate life tables for a series of life expectancies.

Fitting of empirical data to models can be made in various ways. Empirical life tables based on recorded death rates by age can be constructed and a model chosen which has the same life expectancy at birth or at age 10, the same infant mortality rate, or the same value of any mortality parameter. This is a simple matter of interpolating between the published tables or choosing the published table with the closest values. However, another procedure would be to find the model which makes the best fit by principal components or least-squares procedures.

For this purpose, one would define the principal-components model as:

$_nY_x = {_n\overline{Y}_x^s} + \Sigma_{m-1}^k a_m U_{mx}$ where $_nY_x$ is the logit $[_nq_x]$ from an empirical table, $_n\overline{Y}_x^s$ is the average logit $[_nq_x]$ value for one of the models (chosen from one of the columns of table 5) or from a different population assumed to have a similar pattern of mortality, and a_m are the unknown country-specific factor loadings to be estimated. Values of a_m can be estimated, via least-squares procedures, which minimize the sum of squared deviations between empirical $_nY_x$ values and predicted values. When the number of age-groups considered is identical to that in the model (i.e., 18 age-groups of 0-1, 1-4, 5-9, ..., 80-84) the least-squares fit is identical to the principal-components fit.

Assuming a 3-component fit, when minimizing the function

$$\sum_{\uplus x} [_nY_x - {_n\overline{Y}_x^s} - \sum_{m-1}^3 a_m U_{mx}]^2$$

the least-squares estimates of a_m are as follows:

$$\left.\begin{aligned}
a_1 &= \\
&\frac{\alpha_1(\gamma_2\gamma_3 - \beta_3^2) + \alpha_2(\beta_2\beta_3 - \beta_1\gamma_3) + \alpha_3(\beta_1\beta_3 - \beta_2\gamma_2)}{D} \\[6pt]
a_2 &= \\
&\frac{\alpha_1(\beta_2\beta_3 - \beta_1\gamma_3) + \alpha_2(\gamma_1\gamma_3 - \beta_2^2) + \alpha_3(\beta_1\beta_2 - \beta_3\gamma_1)}{D} \\[6pt]
a_3 &= \\
&\frac{\alpha_1(\beta_1\beta_3 - \beta_2\gamma_2) + \alpha_2(\beta_1\beta_2 - \beta_3\gamma_1) + \alpha_3(\gamma_1\gamma_2 - \beta_1^2)}{D}
\end{aligned}\right\}(1)$$

where

$$\gamma_i = \sum_{\uplus x} U_{ix}^2, \qquad i = 1, 2, 3;$$

$$\alpha_i = \sum_{\uplus x} (_nY_x - {_n\overline{Y}_x^s})\, U_{ix}, \qquad i = 1, 2, 3;$$

$$\beta_1 = \sum_{\uplus x} U_{1x} U_{2x};$$

$$\beta_2 = \sum_{\uplus x} U_{1x} U_{3x};$$

$$\beta_3 = \sum_{\uplus x} U_{2x} U_{3x};$$

and

$$D = \gamma_1\gamma_2\gamma_3 - \gamma_3\beta_1^2 - \gamma_2\beta_2^2 - \gamma_1\beta_3^2 + 2\beta_1\beta_2\beta_3.$$

However, if all 18 age-groups (through $_5q_{80}$) can be used, the above equations simplify considerably as, for all i, β_i will equal zero and γ_i will equal 1. The simplified equations would be:

$$\left.\begin{aligned}
a_1 = \alpha_1 &= \sum_{\uplus x} (_nY_x - {_n\overline{Y}_x^s}) U_{1x} \\
a_2 = \alpha_2 &= \sum_{\uplus x} (_nY_x - {_n\overline{Y}_x^s}) U_{2x} \\
a_3 = \alpha_3 &= \sum_{\uplus x} (_nY_x - {_n\overline{Y}_x^s}) U_{3x}
\end{aligned}\right\}(1a)$$

TABLE 8A. CALCULATION OF LOADING FACTORS (a_m VALUES) FOR FIT OF CUBAN DATA TO THE LATIN AMERICAN PATTERN: AN EXAMPLE IN WHICH A FULL SET OF $_nq_x$ VALUES IS AVAILABLE

Age x (1)	$_nq_x$ values: Cuban males (2)	$_nY_x$ (3) = logit (2)	$\overline{Y}'_x$ (Latin American pattern) (4)	$_nY_x - {_n\overline{Y}'_x}$ (5) = (3) − (2)	U_{1x} (6)	U_{2x} (7)	U_{3x} (8)	$(_nY_x - {_n\overline{Y}'_x})U_{ix}$		
								(9) = (5) × (6)	(10) = (5) × (7)	(11) = (5) × (8)
0	0.04207	−1.56272	−1.12977	−0.43295	0.23686	−0.46007	0.09331	−0.10255	0.19919	−0.04040
1	0.00518	−2.62888	−1.49128	−1.13760	0.36077	−0.68813	−0.29269	−0.41041	0.78282	0.33296
5	0.00250	−2.99448	−2.13021	−0.86428	0.33445	0.06414	−0.47139	−0.28906	−0.05543	0.40741
10	0.00250	−2.99448	−2.40763	−0.58685	0.30540	0.12479	−0.17403	−0.17923	−0.07323	0.10213
15	0.00648	−2.51627	−2.21906	−0.29720	0.28931	0.24384	0.10715	−0.08598	−0.07247	−0.03185
20	0.00747	−2.44468	−2.01163	−0.43305	0.28678	0.10713	0.28842	−0.12419	−0.04639	−0.12490
25	0.00797	−2.41203	−1.93580	−0.47623	0.27950	0.06507	0.33620	−0.13311	−0.03099	−0.16011
30	0.00896	−2.35299	−1.86962	−0.48337	0.28023	0.03339	0.33692	−0.13545	−0.01614	−0.16286
35	0.01094	−2.25216	−1.76141	−0.49076	0.26073	0.02833	0.21354	−0.12796	−0.01390	−0.10480
40	0.01440	−2.11301	−1.64220	−0.47081	0.23626	0.06473	0.15269	−0.11123	−0.03048	−0.07189
45	0.02030	−1.93831	−1.49653	−0.44178	0.20794	0.08705	0.06569	−0.09186	−0.03846	−0.02902
50	0.03153	−1.71239	−1.34162	−0.37077	0.17804	0.10620	0.00045	−0.06601	−0.03938	−0.00017
55	0.04791	−1.49467	−1.15718	−0.33748	0.15136	0.11305	−0.03731	−0.05108	−0.03815	0.01259
60	0.07805	−1.23457	−0.96944	−0.26513	0.13217	0.09467	−0.10636	−0.03504	−0.02510	0.02820
65	0.12037	−0.99447	−0.74707	−0.24739	0.12243	0.10809	−0.11214	−0.03029	−0.02674	0.02774
70	0.21917	−0.63525	−0.52259	−0.11266	0.11457	0.14738	−0.22258	−0.01291	−0.01660	0.02508
75	0.28179	−0.46780	−0.29449	−0.17331	0.10445	0.21037	−0.19631	−0.01810	−0.03646	0.03402
80	0.38013	−0.24450	−0.04030	−0.20420	0.08878	0.30918	−0.38123	−0.01813	−0.06313	0.07785
								$\alpha_1 = $ −2.02260	$\alpha_2 = $ 0.35894	$\alpha_3 = $ 0.32201

NOTE: For 1- 2- and 3-component fits, equations (1a) give:

$a_1 = \alpha_1 = -2.02260$
$a_2 = \alpha_2 = 0.35894$
$a_3 = \alpha_3 = 0.32201$

TABLE 8B. ONE-, 2- AND 3-COMPONENT FITS TO CUBAN DATA USING THE
LATIN AMERICAN PATTERN AS A MODEL

Age x	Cuba observed $_nq_x$	Fitted $_nq_x$ values based on:		
		1 component	2 components	3 components
0	0.04207	0.03851	0.02798	0.02966
1	0.00518	0.01164	0.00713	0.00591
5	0.00250	0.00364	0.00381	0.00281
10	0.00250	0.00235	0.00257	0.00230
15	0.00648	0.00365	0.00435	0.00466
20	0.00747	0.00558	0.00602	0.00724
25	0.00797	0.00668	0.00700	0.00867
30	0.00896	0.00759	0.00778	0.00964
35	0.01094	0.01018	0.01038	0.01190
40	0.01440	0.01420	0.01487	0.01638
45	0.02030	0.02116	0.02249	0.02344
50	0.03153	0.03219	0.03465	0.03466
55	0.04791	0.05085	0.05491	0.05368
60	0.07805	0.07773	0.08275	0.07770
65	0.12037	0.12032	0.12878	0.12089
70	0.21917	0.18114	0.19737	0.17564
75	0.28179	0.26669	0.29724	0.27152
80	0.38013	0.39180	0.44577	0.38620

NOTE: Fitted $_nq_x$ values were calculated according to the following equations:

1-component fit—logit $[_nq_x] = _n\overline{Y}{}^s_x + a_1 U_{1x}$

2-component fit—logit $[_nq_x] = _n\overline{Y}{}^s_x + a_1 U_{1x} + a_2 U_{2x}$

3-component fit—logit $[_nq_x] = _n\overline{Y}{}^s_x + a_1 U_{1x} + a_2 U_{2x} + a_3 U_{3x}$.

Values of the terms in the equations are from table 8.A.

TABLE 9A. CALCULATION OF THE LOADING FACTORS (a_m VALUES) FOR FIT OF AFGHAN DATA TO THE SOUTH ASIAN PATTERN:
AN EXAMPLE IN WHICH A PARTIAL SET OF $_nq_x$ VALUES IS AVAILABLE

Age x (1)	$_nq_x$ values Afghan males (2)	$_nY_x$ (3) = logit(2)	$_n\overline{Y}{}^s_x$ (South Asian pattern) (4)	$_nY_x - _n\overline{Y}{}^s_x$ (5) = (3) − (4)	U_{1x} (6)	U_{2x} (7)	U_{3x} (8)	U_{1x}^2 (9) = (6)²	U_{2x}^2 (10) = (7)²
0......	0.18708	−0.73455	−0.97864	0.24410	0.23686	−0.46007	0.09331	0.05610	0.21166
1......	0.14917	−0.87056	−1.24228	0.37170	0.36077	−0.68813	−0.29269	0.13015	0.47352
5......	0.02518	−1.82810	−2.01695	0.18876	0.33445	0.06414	−0.47139	0.11186	0.00411
10......	0.02469	−1.83818	−2.44280	0.60448	0.30540	0.12479	−0.17403	0.09327	0.01557
15......	0.02274	−1.88031	−2.35424	0.47381	0.28931	0.24384	0.10715	0.08370	0.05946
20......	0.02809	−1.77192	−2.27012	0.49811	0.28678	0.10713	0.28842	0.08224	0.01148
25......	0.01833	−1.99036	−2.16833	0.17802	0.27950	0.06507	0.33620	0.07812	0.00423
30......	0.02519	−1.82790	−2.05942	0.23162	0.28023	0.03339	0.33692	0.07853	0.00111
35......	0.03297	−1.68932	−1.90053	0.21118	0.26073	0.02833	0.21354	0.06798	0.00080
40......	0.04454	−1.53290	−1.71213	0.17916	0.23626	0.06473	0.15269	0.05582	0.00419
45......	0.06303	−1.34952	−1.51120	0.16173	0.20794	0.08705	0.06569	0.04324	0.00758
50......	0.08072	−1.21630	−1.28493	0.06825	0.17804	0.10620	0.00045	0.03170	0.01128
55......	0.10736	−1.05900	−1.08192	0.02290	0.15136	0.11305	−0.03731	0.02291	0.01278
60......	0.21916	−0.63528	−0.84671	0.21141	0.13217	0.09467	−0.10636	0.01747	0.00896
65......	0.14722	−0.87829	−0.62964	−0.24865	0.12243	0.10809	−0.11214	0.01499	0.01168
70......	0.17645	−0.77029	−0.40229	−0.36801	0.11457	0.14738	−0.22258	0.01313	0.02172
								$\gamma_1 = 0.98121$	$\gamma_2 = 0.86015$

1-component fit	2-component fit
(from equations (3))	(from equations (2))

$$a_1 = \frac{0.93629}{0.98121} = 0.95422$$

$$a_1 = \frac{(0.93629)(0.86015) - (-0.11189)(-0.04942)}{(0.98121)(0.86015) - (-0.04942)^2} = 0.95042$$

$$a_2 = \frac{-(0.93629)(-0.04942) + (-0.11189)(0.98121)}{(0.98121)(0.86015) - (-0.04942)^2} = 0.07547$$

The above equations are also greatly simplified if a 2-component or a 1-component fit is carried out. For a 2-component fit the general equations will be:

$$a_1 = \frac{\alpha_1\gamma_2 - \alpha_2\beta_1}{\gamma_1\gamma_2 - \beta_1^2}$$

$$a_2 = \frac{\alpha_1\beta_1 + \alpha_2\gamma_1}{\gamma_1\gamma_2 - \beta_1^2} \qquad (2)$$

When the 18 age-groups are used, this simplifies even more to the first two equations of (1a), i.e.,

$$a_1 = \alpha_1 = \sum_{\cup x} ({}_nY_x - {}_n\overline{Y}_x^s)\, U_{1x};$$

and

$$a_2 = \alpha_2 = \sum_{\cup x} ({}_nY_x - {}_n\overline{Y}_x^s)\, U_{2x}.$$

One-component fits are very simple to calculate as

$$a_1 = \frac{\alpha_1}{\gamma_1} \qquad (3)$$

for the general case, and

$$a_1 = \alpha_1 = \sum_{\cup x} ({}_nY_x - {}_n\overline{Y}_x^s)\, U_{1x}$$

when the full set of age-groups is used.

Most users will be making 1-component fits (when the model age pattern of mortality is being accepted and the first component is used to adjust for level), or 2-component fits (when adjustments are being made to the model to account for perceived differences under age 5). Luckily, 1- and 2-component fits are rather simple and straightforward to undertake. Calculation of 3-component fits is equally straightforward, but the arithmetic is somewhat more involved and tedious, in the absence of a computer or programmable calculator. However, because the demographic interpretation of the third component is less clear, 3-component fits may not be undertaken quite as often and when undertaken should be carefully evaluated.

Some of these points are demonstrated in the following examples. Life tables were constructed for Cuban males, 1970, using central death rates presented in the Historical Supplement to the *Demographic Yearbook*.[20] Table 8A shows the ${}_nq_x$ values from this life table and calculation of the a_m values necessary for estimating the best 1-, 2- and 3-component fits to the Latin American pattern. Since a full set of ${}_nq_x$ values is available for Cuba (i.e., values are available for age-groups 0-1 and 1-4 and five-year age-groups thereafter up to 80-84), it is possible to use the simple equations (1a) to estimate the a_m values. Table 8B presents the results of the fitting. It is clear from comparing the observed ${}_nq_x$ values to the 1-component model that Cuban mortality is described very well by the Latin American pattern of mortality shown in the present publication. Differences appear in the childhood age-group 1-4 where Cuban male mortality is approximately half of that expected by the Latin American

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[20] *Demographic Yearbook, special issue: Historical Supplement* (United Nations publication, Sales No. E/F.79.XIII.8), pp. 800-801.

U_{3x}^2 (11) = (8)²	$({}_nY_x - {}_n\overline{Y}_x^s)U_{ix}$			$U_{ix}U_{jx}$		
	(12) = (5) × (6)	(13) = (5) × (7)	(14) = (5) × (8)	(15) = (6) × (7)	(16) = (6) × (8)	(17) = (7) × (8)
0.00871	0.05782	0.11230	0.02278	−0.10897	0.02210	−0.04293
0.08567	0.13410	−0.25578	−0.10879	−0.24826	−0.10559	0.20141
0.22221	0.06313	0.01211	−0.08898	0.02145	−0.15776	−0.03023
0.03029	0.18461	0.07543	−0.10520	0.03811	−0.05315	−0.02172
0.01148	0.13708	0.11553	0.05077	0.07055	0.03100	0.02613
0.08319	0.14285	0.05336	0.14366	0.03072	0.08271	0.03090
0.11303	0.04976	0.01158	0.05985	0.01819	0.09397	0.02188
0.11352	0.06491	0.00773	0.07804	0.00936	0.09442	0.01125
0.04560	0.05506	0.00598	0.04510	0.00739	0.05568	0.00605
0.02331	0.04233	0.01160	0.02736	0.01529	0.03607	0.00988
0.00432	0.03363	0.01408	0.01062	0.01810	0.01366	0.00572
0.00000	0.01222	0.00729	0.00003	0.01891	0.00008	0.00005
0.00139	0.00347	0.00259	−0.00085	0.01711	−0.00565	−0.00422
0.01131	0.02794	0.02001	−0.02249	0.01251	−0.01406	−0.01007
0.01258	−0.03044	−0.02688	−0.02788	0.01323	−0.01373	−0.01212
0.04954	−0.04216	−0.05424	0.08191	0.01689	−0.02550	−0.03280
$\gamma_3 =$ 0.81613	$\alpha_1 =$ 0.93629	$\alpha_2 =$ −0.11189	$\alpha_3 =$ 0.22169	$\beta_1 =$ −0.04942	$\beta_2 =$ 0.05435	$\beta_3 =$ 0.15917

3-component fit

(from equations (1))

$D = (0.98121)(0.86015)(0.81613) - (0.81613)(-0.04942)^2 - (0.86015)(0.05435)^2 - (0.98121)(0.15917)^2$
$\quad + 2(-0.04942)(0.05435)(0.15917) = 0.65856$

$a_1 = \{0.93629[(0.86015)(0.81613) - 0.15917^2] - 0.11189[(0.05435)(0.15917) - (-0.04942)(0.81613)]$
$\quad + 0.22169[(-0.04942)(0.15917) - (0.05435)(0.86015)]\}/0.65856 = 0.93532$

$a_2 = \{0.93629[(0.05435)(0.15917) - (-0.04942)(0.81613)] - 0.11189[(0.98121)(0.81613) - 0.05435^2]$
$\quad + 0.22169[(-0.04942)(0.05435) - (0.15917)(0.98121)]\}/0.65856 = -0.11939$

$a_3 = \{0.93629 [(-0.04942)(0.15917) - (0.05435)(0.86015)] - 0.11189[(-0.04942)(0.05435)$
$\quad - (0.15917)(0.98121)] + 0.22169[(0.98121)(0.86015) - (-0.04942)^2]\}/0.65856 = 0.23262$

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TABLE 9B. ONE-, 2- AND 3-COMPONENT FITS TO AFGHAN DATA USING THE SOUTH ASIAN PATTERN AS A MODEL

Age x	Afghanistan observed $_nq_x$	Fitted $_nq_x$ values based on:		
		1 component	2 components	3 components
0	0.18708	0.18164	0.19191	0.20409
1	0.14917	0.14234	0.15513	0.14412
5	0.02518	0.03244	0.03206	0.02551
10	0.02469	0.01335	0.01308	0.01183
15	0.02274	0.01543	0.01485	0.01514
20	0.02809	0.01811	0.01779	0.01998
25	0.01833	0.02181	0.02156	0.02477
30	0.02519	0.02701	0.02682	0.03089
35	0.03297	0.03545	0.03524	0.03840
40	0.04454	0.04865	0.04812	0.05086
45	0.06303	0.06751	0.06658	0.06763
50	0.08072	0.09708	0.09556	0.09432
55	0.10736	0.13297	0.13089	0.12731
60	0.21916	0.19137	0.18901	0.17972
65	0.14722	0.26393	0.26060	0.24820
70	0.17645	0.35757	0.35228	0.32542

NOTE: Fitted $_nq_x$ values were calculated according to the following equations:

1-component fit—logit $[_nq_x] = {}_n\overline{Y}'_x + a_1 U_{1x}$

2-component fit—logit $[_nq_x] = {}_n\overline{Y}'_x + a_1 U_{1x} + a_2 U_{2x}$

3-component fit—logit $[_nq_x] = {}_n\overline{Y}'_x + a_1 U_{1x} + a_2 U_{2x} + a_3 U_{3x}.$

Values of the terms in the equations are from table 9.A.

TABLE 10A. CALCULATION OF LOADING FACTORS (a_m VALUES) FOR FIT OF AFGHAN DATA TO THE INDIAN MORTALITY PATTERN: AN EXAMPLE IN WHICH THE LIFE TABLE FOR ANOTHER COUNTRY IS USED AS THE STANDARD

Age x (1)	$_nq_x$ values Afghan males (2)	$_n Y_x$ (3) = logit (2)	$_nq_x$ values (India) (4)	$_n\overline{Y}'_x$ (5) = logit (4)	$_n Y_x - {}_n\overline{Y}'_x$ (6) = (3) − (5)	U_{1x} (7)	U_{2x} (8)	U_{3x} (9)	U_{1x}^2 (10) = (6)²
0	0.18708	−0.73455	0.12066	−0.99130	0.25855	0.23686	−0.46007	0.09331	0.05610
1	0.14917	−0.87056	0.10236	−1.08564	0.21507	0.36077	−0.68813	−0.29269	0.13015
5	0.02518	−1.82810	0.02450	−1.84214	0.01404	0.33445	0.06414	−0.47139	0.11186
10	0.02469	−1.83818	0.01040	−2.27775	0.43957	0.30540	0.12479	−0.17403	0.09327
15	0.02274	−1.88031	0.01183	−2.21261	0.33229	0.28931	0.24384	0.10715	0.08370
20	0.02809	−1.77192	0.01519	−2.08591	0.31398	0.28678	0.10713	0.28842	0.08224
25	0.01833	−1.99036	0.01691	−2.03140	0.04104	0.27950	0.06507	0.33620	0.07812
30	0.02519	−1.82790	0.02079	−1.92614	0.09824	0.28023	0.03339	0.33692	0.07853
35	0.03297	−1.68932	0.02685	−1.79514	0.10582	0.26073	0.02833	0.21354	0.06798
40	0.04454	−1.53290	0.04128	−1.57261	0.03971	0.23626	0.06473	0.15269	0.05582
45	0.06303	−1.34952	0.05892	−1.38542	0.03590	0.20794	0.08705	0.06569	0.04324
50	0.08072	−1.21630	0.09365	−1.13493	−0.08137	0.17804	0.10620	0.00045	0.03170
55	0.10736	−1.05900	0.12778	−0.96037	−0.09863	0.15136	0.11305	−0.03731	0.02291
60	0.21916	−0.63528	0.19538	−0.70771	0.07243	0.13217	0.09467	−0.10636	0.01747
65	0.14722	−0.87829	0.25909	−0.52535	−0.35293	0.12243	0.10809	−0.11214	0.01499
70	0.17645	−0.77029	0.34555	−0.31933	−0.45096	0.11457	0.14738	−0.22258	0.01313

$$\gamma_1 = \overline{0.98121}$$

1-component fit

(from equations (3))

$$a_1 = \frac{0.43267}{0.98121} = 0.44096$$

2-component fit

(from equations (2))

$$a_1 = \frac{(0.43267)(0.86015) - (-0.19943)(-0.04942)}{(0.98121)(0.86015) - (-0.04942)^2} = 0.43052$$

$$a_2 = \frac{-(0.43267)(-0.04942) + (-0.19943)(0.98121)}{(0.98121)(0.86015) - (-0.04942)^2} = 0.20712$$

model, and in the young adult ages where Cuban mortality is somewhat higher than what would be expected. Adjustment of the Latin American model by application of the succeeding two components provides an excellent fit to the Cuban experience for ages 1 and over. Actual Cuban infant mortality is, however, higher than that predicted on the basis of the 3-component model.

When fewer than the full set of $_nq_x$ values are available, the arithmetic for calculating the a_m values is a bit more tedious but not any more difficult, as illustrated in table 9A using the mortality rates for Afghan males recorded in the 1972–1973 survey of the settled population.[21] It is assumed that the South Asian pattern is the relevant model for Afghanistan. Table 9B presents the 1-, 2- and 3-component fits as well as $_nq_x$ values from the South Asian model tables with the same life expectancy at birth.

The 1-component South Asian model makes quite a reasonable fit to the Afghan data although model mortality rates at the older ages are higher than those in the Afghan table, especially for ages 65 and older. The model mortality rates under age 5 are also about 5 per cent lower than the empirical rates. Solution for the second component brings the mortality rates under age 5 closer into line with the empirical data. Although the model rates at the older ages are still higher than the Afghan

rates, this may indicate under-recording of deaths in the survey at the older ages or overstatement of age. Probably the second-component fit is a reasonable indication of the age pattern of male mortality in Afghanistan. The third-component model shows higher mortality at the earlier ages and lower mortality at the later ages than either the first- or the second-component models. Application of the third component brings older-age mortality rates more in line with those from the survey. However, if the low survey rates at the older ages are due to data errors, it is probably best to accept the 2-component model.

It was not necessary to use one of the models presented here as the base for estimating the Afghan age pattern of mortality. A pattern from a neighbouring country, for example, could have been accepted, its logit $[_nq_x]$ values calculated and, in combination with the principal-component vectors from the model tables, employed to estimate necessary loading factors. This possibility is illustrated in tables 10A and 10B using the Indian male life table given in annex V as the base. At this point six alternative fits of the Afghan age pattern of mortality have been presented—three fits using the South Asian model as a base, and three fits using the life table for India as a base. Which fit, if any, is appropriate for Afghanistan is a matter for further demographic analysis.

In the same vein, the principal-component vectors can be used as a basis for projecting mortality to future years. For example, in table 11, the Egyptian male life table for 1938-1942 has been taken, its logit $[_nq_x]$ values used as the average pattern, and, in conjunction with the first principal-component vector, the value of a_1 found, which

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[21] Data are presented in United States Bureau of the Census, *Afghanistan: A Demographic Uncertainty,* by J. F. Spitler and N. B. Frank, International Research Document No. 6 (Washington, D.C., 1978), p. 4, table E. The recorded death rate for age-group 0-4 was separated into age-groups 0-1 and 1-4 based on the South Asian pattern.

U^2_{1x} $(11) = (7)^2$	U^2_{1x} $(12) = (8)^2$	$(_nY_x - _n\overline{Y_x}) U_{ix}$			$U_{ix} U_{jx}$		
		$(13) = (6) \times (7)$	$(14) = (6) \times (8)$	$(15) = (6) \times (9)$	$(16) = (7) \times (8)$	$(17) = (7) \times (9)$	$(18) = (8) \times (9)$
0.21166	0.00871	0.06124	−0.11895	0.02413	−0.10897	0.02210	−0.04293
0.47352	0.08567	0.07759	−0.14800	−0.06295	−0.24826	−0.10559	0.20141
0.00411	0.22221	0.00469	0.00090	−0.00662	0.02145	−0.15776	−0.03023
0.01557	0.03029	0.13424	0.05485	−0.07650	0.03811	−0.05315	−0.02172
0.05946	0.01148	0.09614	0.08103	0.03561	0.07055	0.03100	0.02613
0.01148	0.08319	0.09004	0.03364	0.09056	0.03072	0.08271	0.03090
0.00423	0.11303	0.01147	0.00267	0.01380	0.01819	0.09397	0.02188
0.00111	0.11352	0.02753	0.00328	0.03310	0.00936	0.09442	0.01125
0.00080	0.04560	0.02759	0.00300	0.02260	0.00739	0.05568	0.00605
0.00419	0.02331	0.00938	0.00257	0.00606	0.01529	0.03607	0.00988
0.00758	0.00432	0.00747	0.00313	0.00236	0.01810	0.01366	0.00572
0.01128	0.00000	−0.01449	−0.00864	−0.00004	0.01891	0.00008	0.00005
0.01278	0.00139	−0.01493	−0.01115	0.00368	0.01711	−0.00565	−0.00422
0.00896	0.01131	0.00957	0.00686	−0.00770	0.01251	−0.01406	−0.01007
0.01168	0.01258	−0.04321	−0.03815	0.03958	0.01323	−0.01373	−0.01212
0.02172	0.04954	−0.05167	−0.06646	0.10038	0.01689	−0.02550	−0.03280
$\gamma_2 = 0.86015$	$\gamma_3 = 0.81613$	$\alpha_1 = 0.43267$	$\alpha_2 = −0.19943$	$\alpha_3 = 0.21803$	$\beta_1 = −0.04942$	$\beta_2 = 0.05435$	$\beta_3 = 0.15917$

3-component fit

(from equations (1))

$$D = (0.98121)(0.86015)(0.81613) - (0.81613)(-0.04942)^2 - (0.86015)(0.05435)^2 - (0.98121)(0.15913)^2$$
$$+ 2(-0.04942)(0.05435)(0.15913) = 0.65856$$

$$a_1 = \{0.43267[(0.86015)(0.81613) - 0.15917^2] - 0.19943 [(0.05435)(0.15917) - (-0.04942)(0.81613)]$$
$$+ 0.21803 [(-0.04942)(0.15917) - (0.05435)(0.86015)]\}/0.65856 = 0.41165$$

$$a_2 = \{0.43267 [(0.05435)(0.15917) - (-0.04942)(0.81613)] - 0.19943 [(0.98121)(0.81613) - 0.05435^2]$$
$$+ 0.21803 [(-0.04942)(0.05435) - (0.15917)(0.98121)]\}/0.65856 = -0.26203$$

$$a_3 = \{0.43267 [(-0.04942)(0.15917) - (0.05435)(0.86015)] - 0.19943 [(-0.04942)(0.05435)$$
$$- (0.15917)(0.98121)] + 0.21803 [(0.98121)(0.86015) - (-0.04942)^2]\}/0.65856 = 0.29084$$

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TABLE 10B. ONE-, 2- AND 3-COMPONENT FITS TO AFGHAN DATA USING THE
INDIAN LIFE TABLE AS A MODEL

| | Afghanistan observed | Fitted $_nq_x$ values based on: | | |
Age x	$_nq_x$	1 component	2 components	3 components
0	0.18708	0.14464	0.16915	0.18036
1	0.14917	0.13551	0.17142	0.15658
5	0.02518	0.03263	0.03159	0.02374
10	0.02469	0.01357	0.01282	0.01131
15	0.02274	0.01522	0.01369	0.01403
20	0.02809	0.01948	0.01854	0.02137
25	0.01833	0.02154	0.02085	0.02481
30	0.02519	0.02646	0.02596	0.03098
35	0.03297	0.03356	0.03301	0.03675
40	0.04454	0.05036	0.04886	0.05236
45	0.06303	0.06995	0.06737	0.06869
50	0.08072	0.10785	0.10335	0.10168
55	0.10736	0.14341	0.13738	0.13273
60	0.21916	0.21436	0.20737	0.19496
65	0.14722	0.28035	0.27090	0.25506
70	0.17645	0.36874	0.35410	0.32060

NOTE: Fitted $_nq_x$ values were calculated according to the following equations:

1-component fit—logit $[_nq_x] = _n\overline{Y}_x + a_1 U_{1x}$

2-component fit—logit $[_nq_x] = _n\overline{Y}_x + a_1 U_{1x} + a_2 U_{2x}$

3-component fit—logit $[_nq_x] = _n\overline{Y}_x + a_1 U_{1x} + a_2 U_{2x} + a_3 U_{3x}$.

Values of the terms in the equations are from table 10.A.

leads to a life table with the same life expectancy at birth as Egyptian males had in 1958-1962. The calculation of the value a_1 which leads to the life table with the desired life expectancy was done by computer program and is not shown here. The procedure is essentially one of trial and error, with interpolation for improved guesses as to the correct value of a_1. Table 11 presents the empirical $_nq_x$ values for 1938-1942 and 1958-1962 along with the predicted values for 1958-1962. The predicted 1958-1962 values are quite reasonable considering the large change in mortality that took place. This may, of course, partially reflect similarity of errors in data in both years.

The final illustration combines elements of the previous examples to demonstrate construction of a new model age pattern of mortality which is perhaps applicable to West African populations. The source of data for this pattern is the data collected in the population laboratory at Ngayorkheme, a small rural area in Senegal. Death rates by age and sex for this area are presented in table 12.[22] Because of the nature of the data collection system, under-recording of deaths is unlikely in these data. In addition there is probably little mis-statement of age for the population under age 10 since most of this population was born during the observation period. However, mis-

[22] The data for Ngayorheme are from M. Garenne, *Age Patterns of Mortality in West Africa*, Working Paper No. 6, Population Studies Center, University of Pennsylvania (1981).

TABLE 11. PROBABILITY OF DYING ($_nq_x$) FOR EGYPTIAN MALES: ACTUAL VALUES FOR 1938-1942 AND 1958-1962, AND PREDICTED VALUES FOR 1958-1962 BASED ON FIRST PRINCIPAL-COMPONENT VECTOR

Age x	1938-1942 actual	1958-1962 actual	1958-1962 predicted
0	0.21000	0.12640	0.12219
1	0.28461	0.12933	0.12931
5	0.01916	0.00750	0.00777
10	0.01410	0.00396	0.00617
15	0.02565	0.01109	0.01180
20	0.03113	0.01475	0.01447
25	0.03745	0.01917	0.01781
30	0.04850	0.02586	0.02316
35	0.06280	0.03430	0.03183
40	0.07973	0.04548	0.04347
45	0.10060	0.06033	0.05961
50	0.12700	0.08000	0.08211
55	0.16020	0.10610	0.11203
60	0.20200	0.14070	0.14997
65	0.25490	0.18660	0.19670
70	0.32170	0.24750	0.25752
75	0.40590	0.32820	0.33934
80	0.51210	0.43520	0.45163
e_0 =	32.43	49.84	49.84

TABLE 12. OBSERVED $_nq_x$ VALUES FOR NGAYORKHEME, SENEGAL, 1963-1973, AND SMOOTHED VALUES FOR AGES 10 AND OVER BASED ON 3-COMPONENT FIT TO THE GENERAL PATTERN

| | Males | | Females | |
Age x	Observed $_nq_x$ values	Smoothed $_nq_x$ values	Observed $_nq_x$ values	Smoothed $_nq_x$ values
0	0.21927	0.21927[a]	0.19477	0.19477[a]
1	0.34913	0.34913[a]	0.33636	0.33636[a]
5	0.05131	0.05131[a]	0.05331	0.05331[a]
10	0.03008	0.01786	0.02620	0.01763
15	0.01591	0.01534	0.01896	0.03446
20	0.01216	0.02286	0.05961	0.04680
25	0.03722	0.02620	0.04730	0.05004
30	0.05039	0.03298	0.03046	0.05807
35	0.05744	0.04562	0.05571	0.06188
40	0.04210	0.05659	0.06884	0.05798
45	0.05050	0.07533	0.05772	0.06126
50	0.11029	0.10068	0.05764	0.07178
55	0.11436	0.13491	0.11008	0.09159
60	0.18460	0.20023	0.10352	0.12522
65	0.24199	0.27143	0.15429	0.16673
70	0.34292	0.37415	0.15782	0.22541
75	0.34784	0.43983	0.35812	0.30539

[a]Assumed equal to observed value.

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statement of age is clearly prevalent throughout the adult years. As a result, smoothing was necessary before the recorded death rates could be accepted as the mortality pattern. After experimenting with the various patterns, a good fit to the observed data was found by a 3-component adjustment to the general pattern, constructed in the same manner as the Afghan example above. The resulting $_nq_x$ values, also presented in table 12, reliably follow the recorded data although without the effects of age mis-statement that appear in the recorded data. Because the recorded rates under age 10 are thought to be extremely accurate, the 3-component smoothing of the

observed data is accepted only for ages 10 and over. Hypothesizing that the essential features of the Ngayorheme pattern are general to West Africa as a whole, a West African model life table set can be constructed from this pattern in conjunction with the first eigenvector. Using the procedure outlined in the Egyptian example, values of the loading factor, a_1, can be calculated which produce model life tables for a series of life expectancies at birth. An abbreviated set of West African model life tables is presented in tables 13 and 14 for life expectancies at birth from 25 years to 55 years at five-year intervals.

TABLE 13. HYPOTHETICAL WEST AFRICAN MODEL LIFE TABLES, MALES

Age	M(X)	Q(X)	I(X)	D(X)	L(X)	T(X)	E(X)	A(X)
0	0.30078	0.25033	100000.	25033.	83228.	2499992.	25.000	0.330
1	0.14122	0.41115	74967.	30822.	218250.	2416764.	32.238	1.352
5	0.01335	0.06460	44144.	2852.	213593.	2198514.	49.803	2.500
10	0.00450	0.02223	41293.	918.	204170.	1984921.	48.069	2.500
15	0.00381	0.01888	40375.	762.	200000.	1780752.	44.105	2.541
20	0.00568	0.02804	39613.	1111.	195396.	1580751.	39.905	2.599
25	0.00649	0.03195	38502.	1230.	189511.	1385355.	35.981	2.563
30	0.00819	0.04017	37272.	1497.	182761.	1195844.	32.084	2.597
35	0.01123	0.05467	35774.	1956.	174148.	1013082.	28.319	2.585
40	0.01375	0.06654	33819.	2250.	163626.	838934.	24.807	2.571
45	0.01808	0.08662	31568.	2734.	151217.	675308.	21.392	2.578
50	0.02393	0.11309	28834.	3261.	136241.	524091.	18.176	2.569
55	0.03196	0.14835	25573.	3794.	118684.	387850.	15.166	2.580
60	0.04834	0.21615	21779.	4707.	97389.	269166.	12.359	2.556
65	0.06766	0.28948	17072.	4942.	73045.	171777.	10.062	2.508
70	0.09894	0.39395	12130.	4779.	48296.	98732.	8.140	2.415
75	0.12093	0.45871	7351.	3372.	27885.	50436.	6.861	2.369
80	0.17645	******	3979.	3979.	22551.	22551.	5.667	5.667

Age	M(X)	Q(X)	I(X)	D(X)	L(X)	T(X)	E(X)	A(X)
0	0.25663	0.21898	100000.	21898.	85328.	3000000.	30.000	0.330
1	0.11327	0.34854	78102.	27222.	240325.	2914671.	37.319	1.352
5	0.01051	0.05119	50880.	2605.	247890.	2674346.	52.562	2.500
10	0.00360	0.01782	48276.	860.	239227.	2426456.	50.263	2.500
15	0.00308	0.01531	47415.	726.	235294.	2187229.	46.129	2.545
20	0.00461	0.02281	46689.	1065.	230894.	1951935.	41.807	2.603
25	0.00530	0.02615	45624.	1193.	225218.	1721041.	37.722	2.566
30	0.00669	0.03292	44431.	1462.	218651.	1495824.	33.666	2.604
35	0.00931	0.04554	42969.	1957.	210139.	1277172.	29.723	2.596
40	0.01162	0.05650	41012.	2317.	199460.	1067034.	26.018	2.583
45	0.01561	0.07523	38695.	2911.	186465.	867574.	22.421	2.592
50	0.02114	0.10056	35784.	3599.	170225.	681108.	19.034	2.584
55	0.02883	0.13478	32185.	4338.	150490.	510884.	15.873	2.594
60	0.04433	0.20008	27847.	5572.	125694.	360393.	12.942	2.569
65	0.06267	0.27126	22276.	6042.	96410.	234699.	10.536	2.523
70	0.09257	0.37396	16233.	6071.	65578.	138288.	8.519	2.432
75	0.11416	0.43965	10163.	4468.	39139.	72711.	7.155	2.387
80	0.16963	******	5695.	5695.	33572.	33572.	5.895	5.895

TABLE 13 *(continued)*

Age	M(X)	Q(X)	I(X)	D(X)	L(X)	T(X)	E(X)	A(X)
0	0.21924	0.19116	100000.	19116.	87192.	3500000.	35.000	0.330
1	0.09049	0.29200	80884.	23618.	260994.	3412808.	42.194	1.352
5	0.00830	0.04067	57266.	2329.	280506.	3151814.	55.038	2.500
10	0.00289	0.01435	54937.	788.	272714.	2871307.	52.266	2.500
15	0.00251	0.01246	54149.	675.	269090.	2598594.	47.990	2.550
20	0.00376	0.01863	53474.	996.	264985.	2329504.	43.563	2.606
25	0.00434	0.02148	52478.	1127.	259649.	2064519.	39.341	2.570
30	0.00548	0.02705	51351.	1389.	253431.	1804871.	35.148	2.609
35	0.00775	0.03803	49961.	1900.	245257.	1551439.	31.053	2.606
40	0.00984	0.04307	48061.	2310.	234751.	1306182.	27.177	2.595
45	0.01351	0.06543	45751.	2994.	221587.	1071431.	23.419	2.606
50	0.01871	0.08953	42757.	3828.	204590.	849844.	19.876	2.598
55	0.02604	0.12255	38929.	4771.	183233.	645254.	16.575	2.608
60	0.04070	0.18525	34158.	6328.	155494.	462021.	13.526	2.582
65	0.05811	0.25416	27830.	7073.	121726.	306528.	11.014	2.536
70	0.08666	0.35482	20757.	7365.	84992.	184801.	8.903	2.448
75	0.10781	0.42118	13392.	5640.	52319.	99810.	7.453	2.404
80	0.16322	******	7752.	7752.	47491.	47491.	6.127	6.127

Age	M(X)	Q(X)	I(X)	D(X)	L(X)	T(X)	E(X)	A(X)
0	0.18664	0.16590	100000.	16590.	88885.	4000000.	40.000	0.330
1	0.07161	0.24078	83410.	20083.	280460.	3911115.	46.890	1.352
5	0.00654	0.03216	63327.	2036.	311543.	3630655.	57.332	2.500
10	0.00232	0.01152	61290.	706.	304687.	3319112.	54.154	2.500
15	0.00203	0.01012	60584.	613.	301422.	3014425.	49.756	2.553
20	0.00306	0.01517	59971.	910.	297682.	2713003.	45.238	2.610
25	0.00355	0.01759	59061.	1039.	292785.	2415321.	40.895	2.572
30	0.00448	0.02217	58023.	1286.	287044.	2122536.	36.581	2.614
35	0.00643	0.03166	56736.	1796.	279397.	1835492.	32.351	2.615
40	0.00832	0.04078	54940.	2241.	269337.	1556094.	28.324	2.607
45	0.01167	0.05676	52699.	2991.	256373.	1286757.	24.417	2.619
50	0.01653	0.07951	49708.	3952.	239099.	1030384.	20.729	2.611
55	0.02348	0.11118	45756.	5087.	216675.	791285.	17.294	2.621
60	0.03730	0.17116	40669.	6961.	186602.	574610.	14.129	2.595
65	0.05379	0.23763	33708.	8010.	148909.	388008.	11.511	2.549
70	0.08099	0.33596	25698.	8633.	106594.	239099.	9.304	2.464
75	0.10167	0.40275	17064.	6873.	67596.	132505.	7.765	2.421
80	0.15701	******	10192.	10192.	64909.	64909.	6.369	6.369

Age	M(X)	Q(X)	I(X)	D(X)	L(X)	T(X)	E(X)	A(X)
0	0.15761	0.14255	100000.	14255.	90449.	4500001.	45.000	0.330
1	0.05579	0.19443	85745.	16671.	298833.	4409552.	51.427	1.352
5	0.00509	0.02515	69073.	1737.	341023.	4110719.	59.513	2.500
10	0.00184	0.00916	67336.	617.	335138.	3769696.	55.983	2.500
15	0.00164	0.00814	66719.	543.	332268.	3434558.	51.478	2.557
20	0.00246	0.01225	66176.	811.	328943.	3102290.	46.880	2.613
25	0.00288	0.01429	65365.	934.	324561.	2773347.	42.429	2.575
30	0.00363	0.01801	64431.	1160.	319395.	2448785.	38.006	2.619
35	0.00529	0.02614	63271.	1654.	312427.	2129391.	33.655	2.625
40	0.00698	0.03433	61617.	2116.	303047.	1816963.	29.488	2.618
45	0.01001	0.04890	59502.	2910.	290617.	1513916.	25.443	2.632
50	0.01452	0.07019	56592.	3972.	273525.	1223299.	21.616	2.625
55	0.02107	0.10036	52620.	5281.	250603.	949774.	18.050	2.634
60	0.03405	0.15744	47339.	7453.	218864.	699170.	14.769	2.607
65	0.04960	0.22125	39886.	8825.	177919.	480306.	12.042	2.562
70	0.07543	0.31690	31061.	9843.	130497.	302387.	9.735	2.480
75	0.09558	0.38389	21218.	8145.	85218.	171890.	8.101	2.438
80	0.15083	******	13073.	13073.	86672.	86672.	6.630	6.630

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TABLE 13 (continued)

Age	M(X)	Q(X)	I(X)	D(X)	L(X)	T(X)	E(X)	A(X)
0	0.13132	0.12070	100000.	12070.	91913.	5000006.	50.000	0.330
1	0.04248	0.15274	87930.	13431.	316155.	4908093.	55.818	1.352
5	0.00390	0.01930	74499.	1438.	368902.	4591937.	61.637	2.500
10	0.00144	0.00717	73061.	524.	363996.	4223036.	57.801	2.500
15	0.00130	0.00646	72537.	468.	361544.	3859040.	53.201	2.561
20	0.00196	0.00974	72069.	702.	358671.	3497496.	48.530	2.615
25	0.00230	0.01143	71367.	816.	354860.	3138825.	43.981	2.577
30	0.00290	0.01441	70552.	1017.	350343.	2783965.	39.460	2.624
35	0.00430	0.02127	69535.	1479.	344175.	2433622.	34.999	2.635
40	0.00578	0.02853	68056.	1942.	335675.	2089447.	30.702	2.630
45	0.00850	0.04165	66114.	2753.	324085.	1753771.	26.527	2.645
50	0.01264	0.06135	63360.	3887.	307623.	1429686.	22.564	2.639
55	0.01876	0.08983	59473.	5343.	284794.	1122064.	18.867	2.647
60	0.03087	0.14377	54131.	7782.	252131.	837269.	15.468	2.620
65	0.04544	0.20466	46348.	9486.	208742.	585139.	12.625	2.575
70	0.06983	0.29719	36863.	10955.	156875.	376396.	10.211	2.495
75	0.08939	0.36412	25907.	9433.	105527.	219521.	8.473	2.455
80	0.14452	******	16474.	16474.	113994.	113994.	6.920	6.920

Age	M(X)	Q(X)	I(X)	D(X)	L(X)	T(X)	E(X)	A(X)
0	0.10725	0.10006	100000.	10006.	93296.	5500000.	55.000	0.330
1	0.03131	0.11566	89994.	10408.	332413.	5406704.	60.079	1.352
5	0.00290	0.01441	79585.	1147.	395060.	5074291.	63.759	2.500
10	0.00110	0.00548	78439.	430.	391120.	4679231.	59.655	2.500
15	0.00100	0.00500	78009.	390.	389097.	4288111.	54.969	2.565
20	0.00152	0.00756	77619.	587.	386699.	3899014.	50.233	2.618
25	0.00179	0.00893	77032.	688.	383496.	3512315.	45.595	2.580
30	0.00227	0.01127	76344.	860.	379682.	3128819.	40.983	2.629
35	0.00342	0.01694	75484.	1279.	374408.	2749137.	36.420	2.645
40	0.00470	0.02325	74205.	1725.	366957.	2374729.	32.002	2.642
45	0.00709	0.03486	72480.	2526.	356485.	2007772.	27.701	2.659
50	0.01084	0.05284	69953.	3696.	341093.	1651287.	23.606	2.653
55	0.01650	0.07941	66257.	5262.	318978.	1310195.	19.774	2.661
60	0.02768	0.12989	60995.	7923.	286224.	991217.	16.251	2.633
65	0.04123	0.18750	53072.	9951.	241370.	704993.	13.284	2.589
70	0.06408	0.27635	43121.	11916.	185960.	463623.	10.752	2.512
75	0.08295	0.34288	31205.	10700.	128985.	277662.	8.898	2.473
80	0.13792	******	20505.	20505.	148678.	148678.	7.251	7.251

TABLE 14. HYPOTHETICAL WEST AFRICAN MODEL LIFE TABLES, FEMALES

Age	M(X)	Q(X)	I(X)	D(X)	L(X)	T(X)	E(X)	A(X)
0	0.26197	0.22385	100000.	22385.	85449.	2499992.	25.000	0.350
1	0.13899	0.40676	77615.	31570.	227144.	2414542.	31.109	1.361
5	0.01472	0.07098	46044.	3268.	222050.	2187398.	47.506	2.500
10	0.00478	0.02360	42776.	1009.	211356.	1965348.	45.945	2.500
15	0.00949	0.04644	41766.	1940.	204349.	1753992.	41.995	2.689
20	0.01300	0.06297	39827.	2508.	192986.	1549643.	38.910	2.549
25	0.01368	0.06616	37319.	2469.	180447.	1356657.	36.353	2.510
30	0.01567	0.07538	34850.	2627.	167690.	1176210.	33.751	2.503
35	0.01626	0.07805	32223.	2515.	154707.	1008520.	31.298	2.453
40	0.01469	0.07080	29708.	2103.	143184.	853813.	28.740	2.454
45	0.01511	0.07281	27604.	2010.	133006.	710629.	25.743	2.504
50	0.01745	0.08365	25595.	2141.	122712.	577623.	22.568	2.543
55	0.02213	0.10498	23454.	2462.	111282.	454911.	19.396	2.569
60	0.03030	0.14106	20991.	2961.	97741.	343629.	16.370	2.563
65	0.04056	0.18442	18030.	3325.	81983.	245888.	13.638	2.543
70	0.05600	0.24587	14705.	3616.	64567.	163906.	11.146	2.522
75	0.07907	0.32955	11089.	3654.	46217.	99338.	8.958	2.474
80	0.13996	******	7435.	7435.	53121.	53121.	7.145	7.145

TABLE 14 (*continued*)

Age	M(X)	Q(X)	I(X)	D(X)	L(X)	T(X)	E(X)	A(X)
0	0.23051	0.20047	100000.	20047.	86969.	2999999.	30.000	0.350
1	0.11389	0.35028	79953.	28006.	245903.	2913030.	36.434	1.361
5	0.01164	0.05655	51947.	2937.	252389.	2667127.	51.344	2.500
10	0.00378	0.01872	49009.	917.	242753.	2414737.	49.271	2.500
15	0.00745	0.03664	48092.	1762.	236392.	2171985.	45.163	2.691
20	0.01020	0.04975	46330.	2305.	226021.	1935593.	41.778	2.558
25	0.01089	0.05300	44025.	2333.	214344.	1709572.	38.832	2.522
30	0.01264	0.06127	41692.	2555.	202117.	1495228.	35.864	2.517
35	0.01342	0.06491	39137.	2540.	189257.	1293111.	33.040	2.469
40	0.01246	0.06041	36597.	2211.	177389.	1103854.	30.162	2.469
45	0.01311	0.06347	34386.	2183.	166510.	926465.	26.943	2.516
50	0.01537	0.07407	32204.	2385.	155181.	759955.	23.599	2.553
55	0.01974	0.09420	29818.	2809.	142291.	604774.	20.282	2.579
60	0.02737	0.12833	27009.	3466.	126640.	462483.	17.123	2.575
65	0.03714	0.17023	23543.	4008.	107919.	335843.	14.265	2.555
70	0.05176	0.22949	19535.	4483.	86623.	227924.	11.667	2.534
75	0.07350	0.31025	15052.	4670.	63535.	141301.	9.387	2.489
80	0.13351	******	10382.	10382.	77765.	77765.	7.490	7.490

Age	M(X)	Q(X)	I(X)	D(X)	L(X)	T(X)	E(X)	A(X)
0	0.20341	0.17966	100000.	17966.	88322.	3500000.	35.000	0.350
1	0.09327	0.29940	82034.	24561.	263321.	3411678.	41.588	1.361
5	0.00926	0.04525	57473.	2601.	280865.	3148357.	54.779	2.500
10	0.00301	0.01494	54873.	820.	272313.	2867492.	52.257	2.500
15	0.00589	0.02907	54053.	1571.	266637.	2595179.	48.012	2.693
20	0.00805	0.03950	52481.	2073.	257357.	2328542.	44.369	2.565
25	0.00872	0.04266	50408.	2150.	246734.	2071185.	41.088	2.532
30	0.01026	0.05002	48258.	2414.	235327.	1824451.	37.806	2.530
35	0.01114	0.05419	45844.	2484.	222970.	1589124.	34.664	2.484
40	0.01062	0.05174	43360.	2243.	211153.	1366154.	31.507	2.483
45	0.01142	0.05552	41117.	2283.	199939.	1155001.	28.091	2.528
50	0.01359	0.06578	38834.	2555.	187943.	955062.	24.594	2.563
55	0.01767	0.08472	36279.	3074.	173984.	767120.	21.145	2.588
60	0.02479	0.11697	33205.	3884.	156649.	593136.	17.863	2.585
65	0.03408	0.15736	29322.	4614.	135379.	436487.	14.886	2.566
70	0.04792	0.21440	24708.	5297.	110535.	301108.	12.187	2.545
75	0.06843	0.29220	19410.	5672.	82888.	190573.	9.818	2.503
80	0.12758	******	13739.	13739.	107685.	107685.	7.838	7.838

Age	M(X)	Q(X)	I(X)	D(X)	L(X)	T(X)	E(X)	A(X)
0	0.17938	0.16065	100000.	16065.	89558.	4000000.	40.000	0.350
1	0.07600	0.25321	83935.	21254.	279652.	3910442.	46.589	1.361
5	0.00737	0.03617	62681.	2267.	307740.	3630791.	57.925	2.500
10	0.00240	0.01193	60414.	721.	300270.	3323051.	55.004	2.500
15	0.00466	0.02306	59693.	1376.	295293.	3022781.	50.638	2.693
20	0.00636	0.03132	58317.	1827.	287149.	2727488.	46.770	2.571
25	0.00698	0.03430	56490.	1937.	277689.	2440339.	43.199	2.541
30	0.00832	0.04077	54553.	2224.	267297.	2162650.	39.643	2.541
35	0.00925	0.04519	52329.	2365.	255728.	1895354.	36.220	2.498
40	0.00906	0.04428	49964.	2212.	244280.	1639626.	32.816	2.496
45	0.00994	0.04854	47751.	2318.	233052.	1395345.	29.221	2.538
50	0.01202	0.05839	45434.	2653.	220726.	1162294.	25.582	2.572
55	0.01581	0.07616	42781.	3258.	206075.	941567.	22.009	2.597
60	0.02246	0.10653	39523.	4210.	187488.	735492.	18.609	2.595
65	0.03127	0.14533	35312.	5132.	164125.	548004.	15.519	2.577
70	0.04436	0.20010	30180.	6039.	136139.	383879.	12.720	2.556
75	0.06367	0.27486	24141.	6635.	104220.	247740.	10.262	2.515
80	0.12197	******	17506.	17506.	143520.	143520.	8.198	8.198

TABLE 14 (*continued*)

Age	M(X)	Q(X)	I(X)	D(X)	L(X)	T(X)	E(X)	A(X)
0	0.15760	0.14296	100000.	14296.	90708.	4500003.	45.000	0.350
1	0.06135	0.21119	85704.	18100.	295051.	4409295.	51.448	1.361
5	0.00583	0.02871	67604.	1941.	333168.	4114244.	60.858	2.500
10	0.00190	0.00948	65663.	622.	326760.	3781076.	57.583	2.500
15	0.00366	0.01817	65041.	1182.	322477.	3454316.	53.110	2.693
20	0.00500	0.02468	63859.	1576.	315475.	3131839.	49.043	2.576
25	0.00555	0.02740	62283.	1706.	307235.	2816364.	45.219	2.550
30	0.00672	0.03304	60577.	2001.	297985.	2509129.	41.421	2.552
35	0.00764	0.03748	58575.	2196.	287415.	2211144.	37.749	2.512
40	0.00769	0.03773	56380.	2127.	276601.	1923729.	34.121	2.509
45	0.00863	0.04227	54252.	2293.	265640.	1647128.	30.360	2.549
50	0.01060	0.05166	51959.	2684.	253300.	1381488.	26.588	2.580
55	0.01411	0.06824	49275.	3363.	238324.	1128188.	22.896	2.606
60	0.02029	0.09673	45912.	4441.	218925.	889864.	19.382	2.605
65	0.02862	0.13386	41471.	5551.	193960.	670939.	16.178	2.587
70	0.04097	0.18626	35920.	6690.	163314.	476979.	13.279	2.566
75	0.05910	0.25783	29230.	7536.	127518.	313665.	10.731	2.528
80	0.11654	******	21693.	21693.	186147.	186147.	8.581	8.581

Age	M(X)	Q(X)	I(X)	D(X)	L(X)	T(X)	E(X)	A(X)
0	0.13752	0.12624	100000.	12624.	91795.	5000000.	50.000	0.350
1	0.04882	0.17300	87376.	15116.	309613.	4908206.	56.173	1.361
5	0.00456	0.02252	72260.	1627.	357230.	4598593.	63.640	2.500
10	0.00150	0.00745	70632.	526.	351847.	4241363.	60.048	2.500
15	0.00285	0.01415	70106.	992.	348241.	3889516.	55.480	2.693
20	0.00388	0.01920	69114.	1327.	342359.	3541275.	51.238	2.581
25	0.00437	0.02164	67787.	1467.	335352.	3198915.	47.191	2.559
30	0.00536	0.02647	66320.	1756.	327322.	2863563.	43.178	2.563
35	0.00625	0.03079	64564.	1988.	317904.	2536242.	39.282	2.526
40	0.00648	0.03189	62576.	1995.	307939.	2218338.	35.450	2.523
45	0.00744	0.03656	60581.	2215.	297499.	1910398.	31.535	2.559
50	0.00929	0.04541	58366.	2650.	285441.	1612899.	27.634	2.589
55	0.01252	0.06079	55716.	3387.	270499.	1327458.	23.826	2.614
60	0.01823	0.08736	52329.	4571.	250740.	1056960.	20.198	2.615
65	0.02608	0.12270	47757.	5860.	224705.	806220.	16.882	2.597
70	0.03767	0.17260	41898.	7231.	191956.	581515.	13.879	2.576
75	0.05463	0.24079	34666.	8347.	152799.	389559.	11.237	2.540
80	0.11116	******	26319.	26319.	236760.	236760.	8.996	8.996

Age	M(X)	Q(X)	I(X)	D(X)	L(X)	T(X)	E(X)	A(X)
0	0.11877	0.11026	100000.	11026.	92833.	5500000.	55.000	0.350
1	0.03810	0.13847	88974.	12320.	323384.	5407167.	60.772	1.361
5	0.00350	0.01735	76654.	1330.	379945.	5083783.	66.321	2.500
10	0.00115	0.00576	75324.	434.	375537.	4703838.	62.448	2.500
15	0.00218	0.01083	74891.	811.	372581.	4328301.	57.795	2.691
20	0.00296	0.01467	74080.	1087.	367774.	3955720.	53.398	2.586
25	0.00339	0.01679	72993.	1226.	361982.	3587946.	49.155	2.567
30	0.00422	0.02087	71767.	1498.	355203.	3225964.	44.950	2.574
35	0.00504	0.02492	70270.	1751.	347042.	2870761.	40.854	2.541
40	0.00539	0.02662	68519.	1824.	338102.	2523719.	36.833	2.537
45	0.00635	0.03128	66695.	2086.	328407.	2185617.	32.770	2.570
50	0.00806	0.03953	64609.	2554.	316909.	1857210.	28.745	2.598
55	0.01102	0.05368	62055.	3331.	302357.	1540301.	24.822	2.623
60	0.01626	0.07826	58724.	4596.	282702.	1237944.	21.081	2.625
65	0.02359	0.11167	54128.	6044.	256176.	955241.	17.648	2.607
70	0.03442	0.15889	48083.	7640.	221970.	699066.	14.539	2.585
75	0.05018	0.22346	40443.	9037.	180099.	477096.	11.797	2.553
80	0.10575	******	31406.	31406.	296997.	296997.	9.457	9.457

V. SEX DIFFERENTIALS IN MORTALITY

In demographic analysis it is often desirable to have at hand model patterns of sex differentials. Such patterns are useful when available data make no distinctions as to sex, or when data are reliable for one sex only. In addition, some users may wish to combine the male and female tables presented here into "both sexes combined" life tables. In this chapter sex differentials in life expectancy at birth and at age 10 in the group of reliable life tables constructed for the model life table project are examined and simple orthogonal regression models relating female and male life expectancy are presented.

Figures IV and V present, respectively, plots of male life expectancy at birth against female life expectancy at birth and male life expectancy at age 10 *versus* female life expectancy at age 10. The best fitting orthogonal regression line among the points is also shown.[23] Three

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[23]Many studies have found a linear relationship between male and female life expectancy. See, for example, A. J. Coale and P. Demeny, *Regional Model Life Tables and Stable Populations* (Princeton, N.J., Princeton University Press, 1966), p. 23; and S. H. Preston and J. A. Weed, "Causes of death responsible for international and intertemporal variation in sex mortality differentials", *World Health Statistics Report*, vol. 29, No. 3 (Geneva, World Health Organization, 1976). Orthogonal regression lines have the advantage that, because perpendicular distances from the line are minimized rather than vertical distances, variables need not be designated as independent or dependent.

symbols are used to represent countries of Latin America, Asia (excluding Far East Asia) and Far East Asia, respectively. The orthogonal regression line clearly separates the data regionally into these three groups. Generally the Asian countries outside Far East Asia fall below the line, indicating higher female mortality at a certain level of male mortality; the Latin American countries fall above the line, indicating relatively lower female mortality; and the Far East Asian countries are also above the line, but further displaced than the Latin American countries, indicating the largest male excess. This clustering of sex differentials is not identical, however, to the age pattern clusterings. The Caribbean countries, which were grouped with the Far Eastern age pattern group, are grouped with the Latin American set for sex differentials. In the same way, the Asian countries of the Philippines, Sri Lanka and Thailand have sex differentials consistent with the Asian (excluding Far East Asian) countries although their age patterns were similar to those of the Latin American countries.

The clustering of sex differentials by geographical region permitted estimation of orthogonal regression lines separately for each region. These regression equations are presented in table 15, together with their coefficients of determination, and pictorially in figures VI and VII. In these equations, e_0^f, e_0^m, e_{10}^f and e_{10}^m are life expectancies at birth and age 10 for females and males.

Figure IV. Life expectancy at birth for males *versus* life expectancy at birth for females and fitted over-all orthogonal regression line
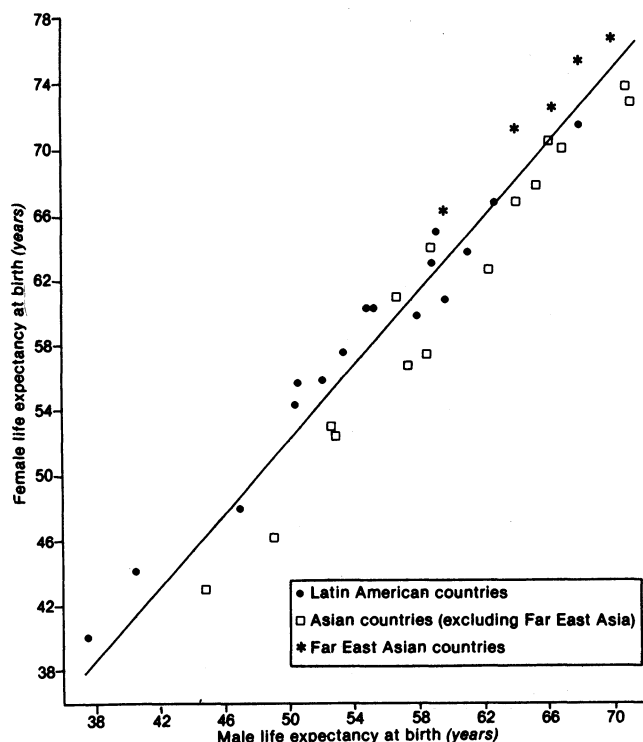
Figure V. Life expectancy at age 10 for males *versus* life expectancy at age 10 for females and fitted over-all orthogonal regression line
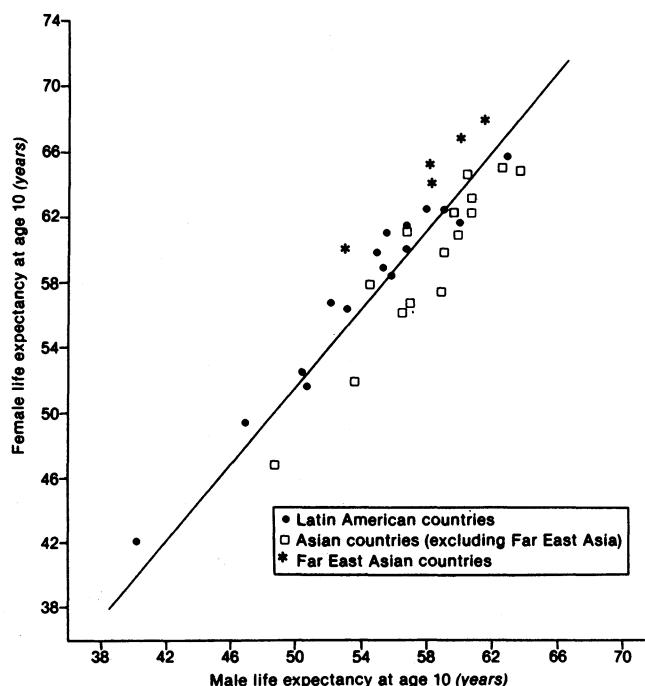
TABLE 15. ORTHOGONAL REGRESSION ESTIMATES OF FEMALE LIFE EXPECTANCY
AS A FUNCTION OF MALE LIFE EXPECTANCY

Region	Orthogonal regression line	Coefficient of determination
All countries combined	$e_0^f = 1.135\, e_0^m - 4.588$	$R^2 = 0.96$
	$e_{10}^f = 1.201\, e_{10}^m - 8.290$	$R^2 = 0.91$
Latin America	$e_0^f = 1.065\, e_0^m + 0.201$	$R^2 = 0.99$
	$e_{10}^f = 1.106\, e_{10}^m - 2.431$	$R^2 = 0.98$
Asia, excluding Far East Asia	$e_0^f = 1.238\, e_0^m - 12.759$	$R^2 = 0.98$
	$e_{10}^f = 1.339\, e_{10}^m - 18.217$	$R^2 = 0.94$
Far East Asia	$e_0^f = 1.027\, e_0^m + 5.285$	$R^2 = 0.99$
	$e_{10}^f = 0.984\, e_{10}^m + 7.848$	$R^2 = 0.99$

TABLE 16. FEMALE MINUS MALE LIFE EXPECTANCY AT BIRTH
(Years)

Region	Life expectancy at birth (both sexes combined)			
	40 years	50 years	60 years	70 years
Latin America	2.7	3.3	4.0	4.6
Asia, excluding Far East Asia	−2.9	−0.8	1.4	3.5
Far East Asia	x	x	6.8	7.1
Above three regions combined	0.8	2.0	3.3	4.6
West region	2.7	2.9	3.6	4.0
North region	3.1	3.4	3.7	3.7
East region	2.9	3.4	4.1	4.7
South region	1.7	2.8	3.8	3.9

Figure VI. Life expectancy at birth for males *versus* life expectancy at birth for females and fitted regional orthogonal regression lines
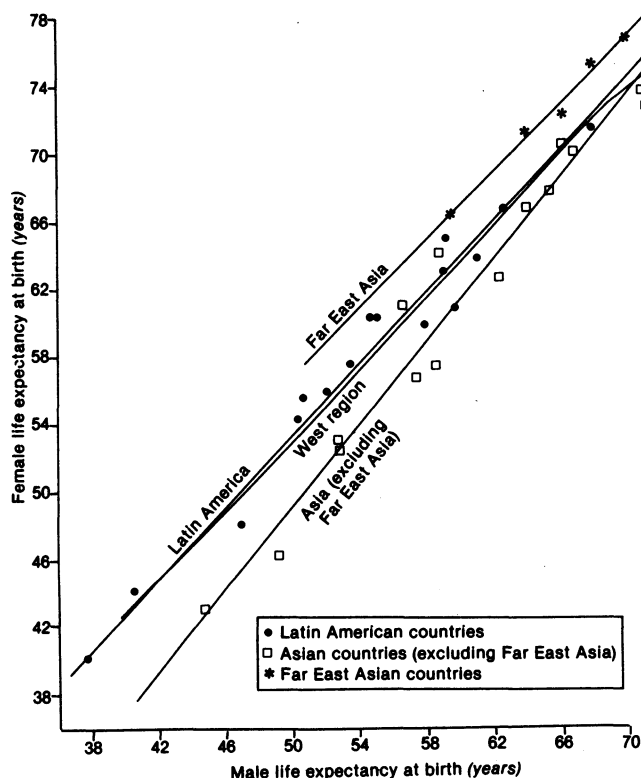
Figure VII. Life expectancy at age 10 for males *versus* life expectancy at age 10 for females and fitted regional orthogonal regression lines

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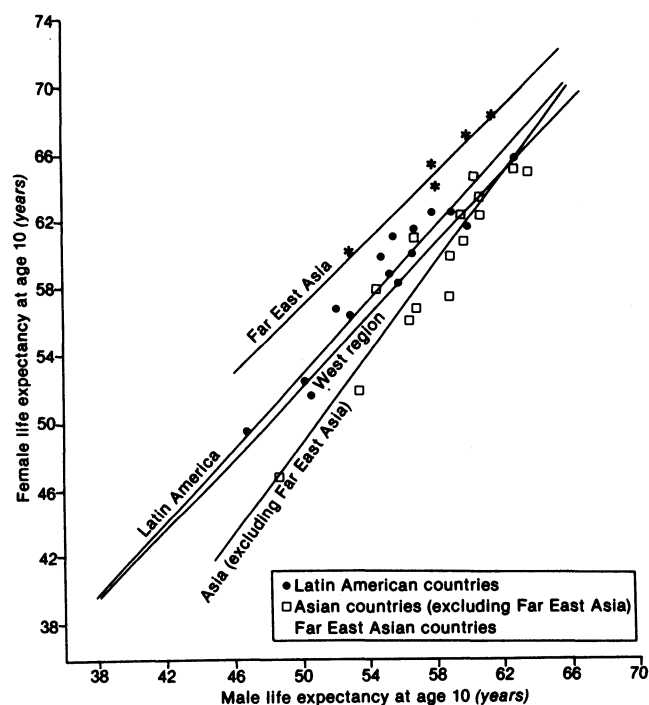
It is important to note that the Far East Asian countries' line is based on only five countries, all with high life expectancies; any extrapolations based on their equations are likely to be meaningless and should be done with extreme caution.

Figures VI and VII also present the lines based on the tables implicit in the Coale and Demeny West region model, a model comprising mainly Western European experience. The lines are very close to the Latin American line, as are the lines from the Coale and Demeny North, South and East regions (not shown). It appears that sex differentials in life expectancy at birth and age 10 for Latin American countries are very similar to historical European experience. Asian differentials differ, with all but the Far East Asian countries showing relatively low male mortality and the Far East Asian countries showing relatively high male mortality.

To simplify comparison, table 16 presents predicted sex differentials in life expectancy at birth at four different mortality levels for each of the less developed regions and for the regions of the Coale and Demeny model life table system.[24]

[24]The lack of reliable life tables has precluded a confident similar analysis of sub-Saharan African mortality differentials. However, using the life expectancy figures currently available and presented in *Demographic Yearbook, special issue: Historical Supplement* (United Nations publication, Sales No. E/F.79.XIII.8), pp. 542–563, this exercise has been repeated, based on 25 countries for which empirical life tables are available. It should be remembered, however, that the poor quality of the data makes conclusions very tentative.

The equation of the orthogonal regression line for the sub-Saharan countries is

$$e_0^f = 1.102 \, e_0^m - 1.155.$$

When compared to sex differentials in life expectancy at birth for the other regions, sub-Saharan African sex differentials appear to be similar to those of the Latin American countries at higher levels of mortality but to widen more quickly as mortality declines so that at lower levels sub-Saharan African sex differentials are somewhere between those of Latin American and Far East Asia. The difference between female and male life expectancy at birth, as implied by the orthogonal regression line, would be 2.8 years, 3.8 years, 4.7 years and 5.7 years for life expectancies at birth of 40 years, 50 years, 60 years and 70 years, respectively.

VI. DESCRIPTION OF THE ANNEXES

The output of the model life table project appears in the five annexes to the report. Annex I presents the model life tables themselves. Annex II contains mortality indices by single years of age under age 5 suitable for application of Brass-type indirect estimation procedures. Five- and 10-year life tables survival ratios are presented in annexes III and IV, respectively. These two annexes should be useful for estimation of mortality from census age distributions. Annex V presents the life tables which constituted the refined data set for the project along with brief descriptions of the data sources, evaluations and adjustments.

This chapter briefly describes the formats of these tables and methods of computation when necessary.

ANNEX I. UNITED NATIONS MODEL LIFE TABLES

Male and female model life tables are presented for each of five patterns (the four regional patterns plus the general pattern) for life expectancies at birth between 35 years and 75 years at one-year increments. The life tables consist of nine columns defined as follows:

AGE : The initial age of the age interval $(x, x + n)$ where x is the initial age and n is the length of the interval. The interval n equals five years with the exception of the first interval (one year), second interval (four years) and last interval (open-ended)

M(X) : Central death rate for the age interval $(x, x + n)$; usual notation is $_nm_x$

Q(X) : Probability of an individual at age x dying before the end of the age interval $(x, x + n)$; usual notation is $_nq_x$

I(X) : Number of survivors at age x in a life table with radix (starting population) of 100,000 persons; usual notation is l_x

D(X) : Number of deaths in age interval $(x, x + n)$; usual notation is $_nd_x$

L(X) : Number of person-years lived in age interval $(x, x + n)$; usual notation is $_nL_x$

T(X) : Number of person-years lived at ages x and older; usual notation is T_x

E(X) : Expectation of life at age x; usual notation is e_x^0

A(X) : Average number of years lived in the age interval $(x, x + n)$ by those dying during the age interval; usual notation is $_na_x$

Life tables were constructed by the 1-component model described in chapter II (see equation (2)). An iterative procedure was used to locate the value of a_{1j} which corresponds to the desired life expectancy at birth. The life table columns were calculated using a computer program written in the Population Division. Given $_nm_x$ as input,

$$_nq_x = \frac{n \cdot {}_nm_x}{1 + (n - {}_na_x) \, _nm_x} \; ; \text{and}$$

$$l_{x+n} = l_x(1 - {}_nq_x)$$

$$_nd_x = l_x - l_{x+n}$$

$$_nL_x = {}_na_xl_x + (n - {}_na_x)l_{x+n}$$

$$T_x = \sum_{a=x}^{w} L_x$$

$$e_x^0 = T_x/l_x$$

For ages 15 and over, the expression for $_na_x$ is derived from Greville[25] as $_na_x = 2.5 - (25/12) \, (_nm_x) - k)$, where $k = 1/10 \, ln \, (_nm_{x+5}/_nm_{x-5})$. For ages 5 and 10, $_na_x = 2.5$ and for ages under 5, $_na_x$ values from the Coale and Demeny West region relationships are used.[26]

With $_nq_x$ as input, the procedure is identical, except that an iterative procedure is used to find the $_nm_x$ and $_nq_x$ values consistent with the given $_nq_x$ and with the Greville expression. To complete the life table, the last six $_nq_x$ values are used to fit the Makeham-type expression $(_nq_x/(1 - {}_nq_x)) = A + B_c^x$. The fitting is done via non-linear least squares (Gauss-Newton iteration). Using this Makeham-type curve, $_nq_x$ values are extrapolated until there are no survivors remaining. These extrapolated $_nq_x$ values are converted to l_x and $_nL_x$ values with appropriate separation factors and the $_nL_x$ added up to obtain the final T_x.

ANNEX II. SINGLE-YEAR MORTALITY UNDER AGE 5

Probabilities of dying $(_1q_x)$ by single years of age for ages under 5 are presented along with the corresponding number of survivors at each age (lx). Single-year mortality rates were calculated according to the 3-parameter interpolation equation,[27]

$$ln \, _1q_x = - t_1(x + t_2)^{t_3}.$$

The interpolation equation has undergone considerable testing and performed very satisfactorily. Values of t_1, t_2 and t_3 were solved for which reproduce the $_1q_0$, $_4q_1$ and $_5q_5$ values of the given model life table. These interpolation parameters are also printed out.

[25]T. N. E. Greville, "Short methods of constructing abridged life tables", *The Record of the American Institute of Actuaries*, vol. XXXII, part 1, No. 65 (June 1943), pp. 29-42.

[26]Coale and Demeny West region formulae are as follows. When $_1q_0 \geq 0.100$, then $_1a_0 = 0.33$ for males and 0.35 for females; $_4a_1 = 1.352$ for males and 1.361 for females. When $_1q_0 < 0.100$, $_1a_0 = 0.0425 + 2.875 \, _1q_0$ for males and $_1a_0 = 0.050 + 3.00 \, _1q_0$ for females; $_4a_1 = 1.653 - 3.013 \, _1q_0$ for males and $_4a_1 = 1.524 - 1.627 \, _1q_0$ for females. See A. J. Coale and P. Demeny, *Regional Model Life Tables and Stable Populations* (Princeton, N.J., Princeton University Press, 1966), p. (20).

[27]This formula is the first term of a 3-term mathematical expression of the age curve of mortality, as presented in L. Heligman and J. H. Pollard, "The age pattern of mortality", *The Journal of the Institute of Actuaries*, vol. 107, part 1, No. 434 (June 1980), pp. 49-80.

Single-year values for both sexes combined were calculated assuming a sex ratio at birth of 1.05. Male and female values for the same life expectancy at birth were used for these computations. The resulting "both sexes" figures are probably of sufficient validity for use in Brass-type estimates although in individual cases readers may wish to improve their estimates through use of the regression equations provided in chapter V or of other external information on sex differentials.

ANNEXES III AND IV. FIVE- AND 10-YEAR LIFE TABLE SURVIVAL RATIOS

These tables present 5- and 10-year life table survival ratios. Five-year survival rates are calculated, in standard life table notation, as $_5L_{x+5}/_5L_x$ for ages $x=0, 5, \ldots, 75$.

The first survival ratio presented is the probability of five annual cohorts of births surviving to age-group 0-4, i.e., $_5L_0/_5l_0$. The final survival ratio for the open-ended age group is T_{85}/T_{80}. Ten-year survival ratios are calculated similarly as $_5L_{x+10}/_5L_x$ for $x = 0, 5, \ldots, 70$; $_{10}L_0/_{10}l_0$ for the births, and T_{85}/T_{75} for the final open-ended group.

ANNEX V. DESCRIPTION OF LIFE TABLE CONSTRUCTION FOR THE INPUT LIFE TABLES

Annex V presents the life tables which constitute the input data set for the project along with brief descriptions of the data sources, evaluations and adjustments. The life tables are in the same format and were calculated in the same manner as the model tables contained in annex I.

ANNEX I

United Nations model life tables

AGE	M(X)	Q(X)	I(X)	D(X)	L(X)	T(X)	E(X)	A(X)
0	.23669	.20429	100000	20429	86313	3500000	35.000	0.330
1	.04672	.16631	79571	13234	283241	3413687	42.901	1.352
5	.00982	.04790	66337	3178	323742	3130446	47.190	2.500
10	.00511	.02522	63160	1593	311817	2806704	44.438	2.500
15	.00697	.03427	61567	2110	302841	2494887	40.523	2.633
20	.01036	.05051	59457	3003	290037	2192046	36.868	2.586
25	.01169	.05679	56454	3206	274346	1902009	33.691	2.528
30	.01332	.06449	53248	3434	257753	1627663	30.567	2.528
35	.01528	.07363	49814	3668	239996	1369910	27.500	2.526
40	.01757	.08418	46146	3885	221132	1129914	24.485	2.529
45	.02092	.09948	42262	4204	200930	908782	21.504	2.531
50	.02517	.11849	38058	4509	179185	707852	18.599	2.538
55	.03225	.14939	33548	5012	155420	528667	15.758	2.542
60	.04241	.19205	28537	5480	129217	373247	13.080	2.543
65	.06056	.26327	23056	6070	100230	244030	10.584	2.520
70	.08574	.35208	16986	5980	69747	143800	8.466	2.461
75	.11840	.45210	11006	4976	42023	74053	6.729	2.386
80	.16226	.56382	6030	3400	20953	32030	5.312	2.295
85	.23745	******	2630	2630	11077	11077	4.211	4.211

AGE	M(X)	Q(X)	I(X)	D(X)	L(X)	T(X)	E(X)	A(X)
0	.22881	.19840	100000	19840	86707	3599999	36.000	0.330
1	.04434	.15871	80160	12723	286952	3513291	43.828	1.352
5	.00933	.04560	67438	3075	329502	3226339	47.842	2.500
10	.00487	.02408	64363	1550	317940	2896838	45.008	2.500
15	.00667	.03281	62813	2061	309189	2578898	41.057	2.634
20	.00992	.04843	60752	2942	296662	2269709	37.360	2.588
25	.01120	.05451	57810	3151	281263	1973048	34.130	2.529
30	.01277	.06192	54658	3384	264933	1691784	30.952	2.530
35	.01470	.07093	51274	3637	247381	1426852	27.828	2.528
40	.01696	.08140	47637	3878	228615	1179470	24.759	2.532
45	.02029	.09663	43759	4228	208371	950856	21.729	2.535
50	.02452	.11564	39531	4571	186413	742484	18.782	2.541
55	.03156	.14644	34960	5119	162227	556071	15.906	2.545
60	.04164	.18889	29840	5637	135367	393844	13.198	2.546
65	.05958	.25961	24204	6284	105456	258477	10.679	2.523
70	.08453	.34804	17920	6237	73786	153022	8.539	2.464
75	.11698	.44810	11683	5235	44753	79236	6.782	2.390
80	.16076	.56044	6448	3614	22479	34483	5.348	2.299
85	.23611	******	2834	2834	12004	12004	4.235	4.235

AGE	M(X)	Q(X)	I(X)	D(X)	L(X)	T(X)	E(X)	A(X)
0	.22114	.19260	100000	19260	87096	3699995	37.000	0.330
1	.04206	.15136	80740	12221	290597	3612899	44.747	1.352
5	.00887	.04338	68519	2973	335161	3322302	48.488	2.500
10	.00465	.02299	65546	1507	323963	2987141	45.573	2.500
15	.00638	.03142	64039	2012	315439	2663178	41.587	2.635
20	.00950	.04641	62027	2879	303195	2347739	37.850	2.589
25	.01074	.05231	59148	3094	288101	2044544	34.566	2.531
30	.01225	.05944	56054	3332	272047	1756443	31.335	2.532
35	.01414	.06830	52722	3601	254721	1484396	28.155	2.531
40	.01638	.07870	49121	3866	236077	1229675	25.033	2.535
45	.01968	.09384	45256	4247	215821	993598	21.955	2.538
50	.02389	.11284	41009	4627	193679	777778	18.966	2.544
55	.03088	.14352	36381	5221	169101	584099	16.055	2.548
60	.04088	.18576	31160	5788	141609	414997	13.318	2.548
65	.05862	.25597	25372	6494	110792	273389	10.775	2.526
70	.08332	.34401	18877	6494	77942	162596	8.613	2.468
75	.11556	.44409	12383	5499	47586	84654	6.836	2.394
80	.15925	.55703	6884	3835	24079	37068	5.385	2.303
85	.23477	******	3049	3049	12989	12989	4.259	4.259

AGE	M(X)	Q(X)	I(X)	D(X)	L(X)	T(X)	E(X)	A(X)
0	.21366	.18690	100000	18690	87477	3800000	38.000	0.330
1	.03987	.14425	81310	11729	294180	3712523	45.659	1.352
5	.00843	.04126	69580	2871	340724	3418343	49.128	2.500
10	.00444	.02194	66709	1464	329888	3077619	46.135	2.500
15	.00610	.03007	65246	1962	321593	2747731	42.114	2.637
20	.00909	.04447	63284	2814	309639	2426138	38.337	2.590
25	.01029	.05019	60470	3035	294860	2116500	35.001	2.532
30	.01174	.05703	57435	3276	279096	1821640	31.716	2.533
35	.01359	.06575	54160	3561	262015	1542544	28.482	2.534
40	.01580	.07606	50598	3848	243516	1280529	25.308	2.538
45	.01908	.09111	46750	4259	223275	1037013	22.182	2.541
50	.02327	.11008	42491	4677	200980	813738	19.151	2.547
55	.03021	.14063	37813	5318	176040	612757	16.205	2.551
60	.04012	.18265	32495	5935	147942	436717	13.439	2.551
65	.05766	.25234	26560	6702	116240	288775	10.873	2.529
70	.08211	.33997	19858	6751	82217	172535	8.688	2.471
75	.11415	.44005	13107	5768	50527	90317	6.891	2.398
80	.15775	.55360	7339	4063	25755	39790	5.422	2.307
85	.23344	******	3276	3276	14034	14034	4.284	4.284

AGE	M(X)	Q(X)	I(X)	D(X)	L(X)	T(X)	E(X)	A(X)
0	.20636	.18130	100000	18130	87853	3900000	39.000	0.330
1	.03778	.13737	81870	11247	297700	3812147	46.563	1.352
5	.00800	.03923	70624	2770	346192	3514447	49.763	2.500
10	.00423	.02093	67853	1420	335715	3168255	46.693	2.500
15	.00583	.02877	66433	1911	327651	2832540	42.638	2.638
20	.00870	.04258	64522	2748	315992	2504888	38.822	2.591
25	.00986	.04813	61774	2973	301537	2188896	35.434	2.533
30	.01124	.05470	58801	3217	286078	1887359	32.097	2.535
35	.01306	.06327	55585	3517	269259	1601281	28.808	2.536
40	.01525	.07348	52068	3826	250929	1332022	25.582	2.541
45	.01849	.08843	48242	4266	230731	1081092	22.410	2.544
50	.02266	.10736	43976	4721	208313	850361	19.337	2.550
55	.02955	.13777	39254	5408	183041	642048	16.356	2.554
60	.03937	.17956	33846	6078	154364	459007	13.562	2.554
65	.05670	.24871	27769	6906	121798	304644	10.971	2.532
70	.08092	.33593	20862	7008	86612	182846	8.764	2.475
75	.11274	.43600	13854	6040	53578	96234	6.946	2.402
80	.15625	.55014	7814	4299	27511	42656	5.459	2.312
85	.23210	******	3515	3515	15144	15144	4.308	4.308

AGE	M(X)	Q(X)	I(X)	D(X)	L(X)	T(X)	E(X)	A(X)
0	.19924	.17577	100000	17577	88223	4000000	40.000	0.330
1	.03578	.13072	82423	10774	301160	3911777	47.460	1.352
5	.00760	.03727	71648	2670	351566	3610617	50.394	2.500
10	.00403	.01996	68978	1377	341448	3259051	47.248	2.500
15	.00557	.02751	67601	1860	333616	2917603	43.159	2.639
20	.00832	.04076	65742	2680	322257	2583987	39.305	2.592
25	.00944	.04613	63062	2909	308135	2261730	35.865	2.534
30	.01077	.05244	60152	3155	292992	1953595	32.477	2.537
35	.01255	.06086	56998	3469	276452	1660603	29.134	2.539
40	.01471	.07097	53529	3799	258314	1384151	25.858	2.544
45	.01792	.08581	49730	4267	238185	1125838	22.639	2.547
50	.02207	.10468	45463	4759	215674	887653	19.525	2.554
55	.02889	.13494	40704	5493	190100	671979	16.509	2.556
60	.03863	.17649	35212	6214	160873	481879	13.685	2.556
65	.05576	.24510	28997	7107	127465	321007	11.070	2.535
70	.07972	.33188	21890	7265	91128	193542	8.842	2.478
75	.11133	.43192	14625	6317	56741	102414	7.003	2.406
80	.15474	.54665	8308	4542	29350	45673	5.497	2.316
85	.23076	******	3767	3767	16323	16323	4.334	4.334

AGE	M(X)	Q(X)	I(X)	D(X)	L(X)	T(X)	E(X)	A(X)
0	.19228	.17034	100000	17034	88588	4100000	41.000	0.330
1	.03386	.12428	82966	10311	304562	4011413	48.350	1.352
5	.00721	.03539	72655	2572	356848	3706851	51.020	2.500
10	.00384	.01902	70084	1333	347086	3350003	47.800	2.500
15	.00532	.02629	68751	1808	339488	3002917	43.678	2.640
20	.00795	.03900	66943	2611	328432	2663428	39.786	2.594
25	.00904	.04420	64332	2844	314652	2334996	36.296	2.535
30	.01031	.05025	61489	3090	299837	2020344	32.857	2.538
35	.01205	.05851	58399	3417	283592	1720507	29.461	2.541
40	.01418	.06851	54982	3767	265666	1436915	26.134	2.546
45	.01735	.08322	51215	4262	245634	1171249	22.869	2.550
50	.02148	.10203	46953	4791	223059	925615	19.714	2.557
55	.02825	.13213	42162	5571	197214	702556	16.663	2.559
60	.03789	.17343	36591	6346	167467	505342	13.810	2.559
65	.05481	.24148	30245	7304	133242	337875	11.171	2.538
70	.07853	.32782	22942	7521	95766	204633	8.920	2.481
75	.10992	.42782	15421	6597	60019	108867	7.060	2.410
80	.15323	.54311	8824	4792	31275	48848	5.536	2.320
85	.22941	******	4031	4031	17573	17573	4.359	4.359

AGE	M(X)	Q(X)	I(X)	D(X)	L(X)	T(X)	E(X)	A(X)
0	.18548	.16498	100000	16498	88947	4200000	42.000	0.330
1	.03202	.11805	83502	9858	307906	4111054	49.233	1.352
5	.00683	.03359	73645	2474	362039	3803147	51.642	2.500
10	.00366	.01812	71171	1290	352632	3441108	48.350	2.500
15	.00508	.02512	69882	1755	345268	3088476	44.196	2.642
20	.00760	.03730	68126	2541	334520	2743208	40.267	2.595
25	.00865	.04232	65585	2776	321088	2408688	36.726	2.536
30	.00986	.04813	62809	3023	306611	2087600	33.237	2.540
35	.01156	.05623	59787	3362	290677	1780989	29.789	2.544
40	.01366	.06610	56425	3730	272985	1490312	26.412	2.549
45	.01680	.08069	52695	4252	253074	1217328	23.101	2.554
50	.02090	.09941	48443	4816	230466	964254	19.905	2.560
55	.02761	.12934	43627	5643	204382	733788	16.819	2.562
60	.03716	.17038	37985	6472	174144	529406	13.937	2.562
65	.05388	.23786	31513	7496	139128	355262	11.274	2.540
70	.07734	.32374	24017	7775	100529	216134	8.999	2.485
75	.10851	.42367	16242	6881	63416	115605	7.118	2.414
80	.15171	.53954	9361	5050	33290	52189	5.575	2.324
85	.22806	******	4310	4310	18899	18899	4.385	4.385

AGE	M(X)	Q(X)	I(X)	D(X)	L(X)	T(X)	E(X)	A(X)
0	.17883	.15969	100000	15969	89301	4300000	43.000	0.330
1	.03025	.11203	84031	9414	311195	4210700	50.109	1.352
5	.00647	.03185	74617	2377	367142	3899505	52.260	2.500
10	.00348	.01725	72240	1246	358085	3532363	48.898	2.500
15	.00485	.02398	70994	1703	350957	3174278	44.712	2.643
20	.00725	.03564	69291	2470	340520	2823321	40.746	2.596
25	.00827	.04051	66822	2707	327443	2482802	37.156	2.537
30	.00943	.04607	64115	2954	313314	2155359	33.617	2.542
35	.01109	.05400	61161	3303	297704	1842045	30.118	2.546
40	.01316	.06375	57859	3689	280266	1544341	26.692	2.552
45	.01626	.07819	54170	4236	260502	1264075	23.335	2.557
50	.02033	.09683	49935	4835	237890	1003572	20.098	2.563
55	.02698	.12657	45099	5708	211600	765682	16.978	2.565
60	.03644	.16733	39391	6592	180902	554083	14.066	2.565
65	.05294	.23424	32800	7683	145123	373180	11.378	2.543
70	.07616	.31964	25117	8028	105417	228057	9.080	2.488
75	.10710	.41950	17088	7169	66935	122640	7.177	2.418
80	.15019	.53592	9920	5316	35397	55704	5.615	2.329
85	.22670	******	4604	4604	20307	20307	4.411	4.411

AGE	M(X)	Q(X)	I(X)	D(X)	L(X)	T(X)	E(X)	A(X)
0	.17232	.15448	100000	15448	89650	4400001	44.000	0.330
1	.02856	.10621	84552	8980	314428	4310351	50.979	1.352
5	.00613	.03018	75572	2281	372157	3995923	52.876	2.500
10	.00331	.01641	73291	1203	363448	3623766	49.444	2.500
15	.00463	.02288	72088	1650	356555	3260319	45.227	2.644
20	.00692	.03404	70439	2398	346431	2903764	41.224	2.597
25	.00790	.03874	68041	2636	333716	2557333	37.585	2.538
30	.00901	.04406	65405	2882	319945	2223617	33.998	2.543
35	.01064	.05183	62523	3240	304672	1903673	30.448	2.549
40	.01267	.06145	59283	3643	287507	1599000	26.973	2.555
45	.01573	.07574	55640	4214	267916	1311493	23.571	2.560
50	.01976	.09427	51426	4848	245330	1043578	20.293	2.566
55	.02635	.12382	46578	5767	218864	798248	17.138	2.568
60	.03571	.16430	40810	6705	187740	579384	14.197	2.567
65	.05201	.23061	34105	7865	151227	391643	11.483	2.546
70	.07497	.31551	26240	8279	110433	240417	9.162	2.492
75	.10568	.41528	17961	7459	70580	129983	7.237	2.422
80	.14865	.53225	10502	5590	37603	59403	5.656	2.333
85	.22534	******	4912	4912	21800	21800	4.438	4.438

AGE	M(X)	Q(X)	I(X)	D(X)	L(X)	T(X)	E(X)	A(X)
0	.16595	.14934	100000	14934	89994	4500001	45.000	0.330
1	.02694	.10057	85066	8555	317607	4410007	51.842	1.352
5	.00580	.02858	76510	2186	377085	4092400	53.488	2.500
10	.00314	.01560	74324	1159	368720	3715316	49.988	2.500
15	.00441	.02182	73164	1596	362063	3346596	45.741	2.645
20	.00660	.03249	71568	2325	352255	2984533	41.702	2.598
25	.00754	.03702	69243	2564	339906	2632278	38.015	2.539
30	.00860	.04212	66679	2808	326501	2292372	34.379	2.545
35	.01019	.04971	63871	3175	311580	1965871	30.779	2.551
40	.01219	.05919	60696	3593	294705	1654292	27.256	2.558
45	.01521	.07332	57103	4187	275311	1359587	23.809	2.563
50	.01921	.09175	52916	4855	252780	1084276	20.491	2.570
55	.02573	.12108	48061	5819	226173	831496	17.301	2.571
60	.03500	.16126	42242	6812	194656	605323	14.330	2.570
65	.05108	.22697	35430	8042	157439	410667	11.591	2.549
70	.07378	.31136	27388	8528	115579	253228	9.246	2.495
75	.10426	.41101	18861	7752	74354	137649	7.298	2.427
80	.14711	.52852	11109	5871	39910	63295	5.698	2.337
85	.22396	******	5237	5237	23386	23386	4.465	4.465

AGE	M(X)	Q(X)	I(X)	D(X)	L(X)	T(X)	E(X)	A(X)
0	.15971	.14427	100000	14427	90334	4600002	46.000	0.330
1	.02538	.09513	85573	8141	320734	4509669	52.700	1.352
5	.00548	.02703	77432	2093	381926	4188935	54.098	2.500
10	.00299	.01482	75339	1116	373903	3807009	50.532	2.500
15	.00420	.02079	74222	1543	367481	3433106	46.254	2.646
20	.00629	.03098	72679	2252	357991	3065626	42.180	2.599
25	.00720	.03536	70428	2490	346013	2707635	38.446	2.540
30	.00821	.04023	67937	2733	332982	2361621	34.762	2.546
35	.00976	.04765	65205	3107	318423	2028640	31.112	2.554
40	.01172	.05698	62098	3539	301857	1710217	27.541	2.561
45	.01470	.07095	58559	4155	282684	1408359	24.050	2.566
50	.01866	.08924	54405	4855	260238	1125675	20.691	2.573
55	.02511	.11835	49549	5864	233523	865437	17.466	2.574
60	.03428	.15823	43685	6912	201647	631914	14.465	2.573
65	.05015	.22332	36773	8212	163759	430267	11.701	2.552
70	.07259	.30718	28561	8773	120856	266507	9.331	2.498
75	.10283	.40670	19787	8047	78261	145652	7.361	2.431
80	.14556	.52474	11740	6160	42323	67391	5.740	2.342
85	.22257	******	5579	5579	25068	25068	4.493	4.493

AGE	M(X)	Q(X)	I(X)	D(X)	L(X)	T(X)	E(X)	A(X)
0	.15360	.13927	100000	13927	90669	4700004	47.000	0.330
1	.02389	.08987	86073	7736	323808	4609335	53.551	1.352
5	.00518	.02555	78337	2001	386683	4285528	54.706	2.500
10	.00283	.01406	76336	1074	378996	3898845	51.075	2.500
15	.00399	.01979	75262	1489	372809	3519848	46.768	2.648
20	.00599	.02952	73773	2178	363639	3147039	42.658	2.600
25	.00686	.03374	71595	2416	352037	2783400	38.877	2.541
30	.00783	.03839	69180	2656	339386	2431363	35.146	2.548
35	.00934	.04564	66524	3036	325201	2091978	31.447	2.556
40	.01126	.05482	63488	3480	308961	1766777	27.829	2.564
45	.01419	.06860	60008	4117	290032	1457816	24.294	2.569
50	.01811	.08676	55891	4849	267701	1167783	20.894	2.576
55	.02450	.11564	51042	5902	240711	900083	17.634	2.577
60	.03357	.15520	45140	7006	208712	659172	14.603	2.575
65	.04922	.21966	38134	8376	170187	450460	11.813	2.555
70	.07140	.30296	29758	9015	126266	280273	9.419	2.502
75	.10139	.40233	20742	8345	82305	154007	7.425	2.435
80	.14399	.52089	12397	6458	44848	71702	5.784	2.346
85	.22117	******	5939	5939	26854	26854	4.521	4.521

AGE	M(X)	Q(X)	I(X)	D(X)	L(X)	T(X)	E(X)	A(X)
0	.14762	.13433	100000	13433	91000	4800007	48.000	0.330
1	.02246	.08480	86567	7341	326830	4709007	54.397	1.352
5	.00488	.02412	79226	1911	391355	4382177	55.312	2.500
10	.00268	.01333	77316	1031	384001	3990822	51.617	2.500
15	.00380	.01882	76285	1436	378048	3606820	47.281	2.649
20	.00570	.02811	74849	2104	369199	3228772	43.137	2.601
25	.00654	.03217	72745	2340	357976	2859573	39.309	2.542
30	.00745	.03660	70405	2577	345914	2501598	35.531	2.549
35	.00892	.04367	67828	2962	331911	2155886	31.784	2.559
40	.01082	.05270	64866	3418	316013	1823975	28.119	2.567
45	.01370	.06629	61448	4074	297352	1507962	24.540	2.573
50	.01758	.08430	57374	4837	275164	1210610	21.100	2.579
55	.02389	.11293	52538	5933	248334	935447	17.805	2.581
60	.03285	.15216	46605	7091	215848	687113	14.743	2.578
65	.04829	.21597	39513	8534	176723	471265	11.927	2.558
70	.07020	.29870	30979	9254	131812	294542	9.508	2.505
75	.09995	.39790	21726	8645	86490	162730	7.490	2.439
80	.14240	.51698	13081	6763	47489	76240	5.828	2.351
85	.21976	******	6318	6318	28751	28751	4.550	4.550

AGE	M(X)	Q(X)	I(X)	D(X)	L(X)	T(X)	E(X)	A(X)
0	.14175	.12945	100000	12945	91327	4900000	49.000	0.330
1	.02109	.07990	87055	6955	329801	4808673	55.237	1.352
5	.00460	.02274	80099	1821	395943	4478872	55.916	2.500
10	.00254	.01263	78278	989	388918	4082929	52.159	2.500
15	.00361	.01788	77289	1382	383197	3694012	47.795	2.650
20	.00542	.02673	75907	2029	374669	3310814	43.617	2.602
25	.00622	.03064	73878	2263	363829	2936145	39.743	2.543
30	.00709	.03487	71614	2497	351957	2572316	35.919	2.551
35	.00852	.04175	69117	2886	338550	2220360	32.124	2.561
40	.01038	.05062	66231	3352	323010	1881810	28.413	2.570
45	.01321	.06401	62879	4025	304638	1558800	24.790	2.576
50	.01705	.08186	58854	4818	282623	1254162	21.310	2.583
55	.02329	.11023	54036	5957	255787	971540	17.979	2.584
60	.03214	.14912	48079	7170	223053	715753	14.887	2.581
65	.04736	.21227	40910	8684	183365	492699	12.044	2.560
70	.06900	.29441	32226	9488	137495	309334	9.599	2.509
75	.09850	.39341	22738	8946	90822	171840	7.557	2.443
80	.14081	.51299	13793	7076	50251	81018	5.874	2.355
85	.21833	******	6717	6717	30766	30766	4.580	4.580

AGE	M(X)	Q(X)	I(X)	D(X)	L(X)	T(X)	E(X)	A(X)
0	.13599	.12464	100000	12464	91649	5000000	50.000	0.330
1	.01978	.07517	87536	6580	332722	4908351	56.072	1.352
5	.00433	.02142	80956	1734	400448	4575629	56.520	2.500
10	.00240	.01195	79223	947	393746	4175182	52.702	2.500
15	.00342	.01698	78276	1329	388258	3781436	48.309	2.651
20	.00514	.02540	76947	1954	380051	3393178	44.098	2.603
25	.00592	.02915	74993	2186	369595	3013127	40.179	2.544
30	.00675	.03318	72807	2416	358120	2643532	36.309	2.552
35	.00813	.03988	70391	2807	345116	2285411	32.467	2.564
40	.00995	.04857	67584	3283	329949	1940295	28.710	2.573
45	.01273	.06177	64301	3972	311889	1610346	25.044	2.579
50	.01652	.07944	60329	4793	290075	1298457	21.523	2.586
55	.02269	.10754	55536	5972	263269	1008382	18.157	2.587
60	.03143	.14607	49564	7240	230326	745113	15.033	2.584
65	.04643	.20854	42324	8826	190114	514787	12.163	2.563
70	.06780	.29006	33498	9716	143318	324673	9.692	2.512
75	.09703	.38885	23781	9247	95305	181355	7.626	2.448
80	.13919	.50892	14534	7397	53142	86050	5.921	2.360
85	.21688	******	7137	7137	32908	32908	4.611	4.611

AGE	M(X)	Q(X)	I(X)	D(X)	L(X)	T(X)	E(X)	A(X)
0	.13035	.11988	100000	11988	91968	5100000	51.000	0.330
1	.01852	.07061	88012	6214	335592	5008032	56.902	1.352
5	.00407	.02014	81798	1648	404869	4672440	57.122	2.500
10	.00227	.01130	80150	905	398486	4267572	53.245	2.500
15	.00324	.01610	79245	1276	393228	3869085	48.825	2.652
20	.00488	.02410	77969	1879	385343	3475857	44.580	2.604
25	.00562	.02771	76090	2108	375274	3090514	40.617	2.545
30	.00641	.03154	73982	2333	364201	2715240	36.702	2.554
35	.00775	.03806	71648	2727	351607	2351039	32.814	2.567
40	.00953	.04657	68922	3210	336827	1999432	29.010	2.576
45	.01226	.05955	65712	3913	319099	1662605	25.301	2.582
50	.01600	.07704	61799	4761	297516	1343505	21.740	2.589
55	.02209	.10485	57038	5981	270775	1045989	18.339	2.590
60	.03072	.14302	51057	7302	237663	775214	15.183	2.587
65	.04549	.20478	43755	8960	196970	537551	12.285	2.566
70	.06658	.28567	34795	9940	149284	340580	9.788	2.516
75	.09555	.38421	24855	9550	99944	191297	7.696	2.452
80	.13755	.50477	15305	7726	56167	91353	5.969	2.365
85	.21542	******	7580	7580	35186	35186	4.642	4.642

AGE	M(X)	Q(X)	I(X)	D(X)	L(X)	T(X)	E(X)	A(X)
0	.12482	.11519	100000	11519	92283	5200000	52.000	0.330
1	.01731	.06621	88481	5859	338412	5107717	57.726	1.352
5	.00382	.01892	82623	1563	409207	4769305	57.724	2.500
10	.00214	.01066	81060	864	403138	4360099	53.789	2.500
15	.00307	.01524	80196	1222	398109	3956960	49.341	2.654
20	.00462	.02284	78973	1804	390545	3558851	45.064	2.605
25	.00533	.02630	77169	2030	380864	3168306	41.057	2.546
30	.00608	.02994	75139	2250	370196	2787442	37.097	2.555
35	.00738	.03627	72889	2644	358020	2417247	33.163	2.569
40	.00912	.04461	70245	3133	343640	2059227	29.315	2.579
45	.01180	.05736	67112	3850	326266	1715586	25.563	2.586
50	.01549	.07465	63262	4723	304942	1389320	21.961	2.593
55	.02149	.10217	58540	5981	278302	1084378	18.524	2.593
60	.03001	.13995	52559	7355	245063	806076	15.337	2.589
65	.04455	.20100	45203	9086	203932	561013	12.411	2.569
70	.06536	.28122	36118	10157	155394	357081	9.887	2.520
75	.09406	.37950	25961	9852	104745	201687	7.769	2.457
80	.13589	.50053	16109	8063	59333	96942	6.018	2.369
85	.21393	******	8046	8046	37609	37609	4.674	4.674

AGE	M(X)	Q(X)	I(X)	D(X)	L(X)	T(X)	E(X)	A(X)
0	.11939	.11055	100000	11055	92593	5300000	53.000	0.330
1	.01616	.06198	88945	5513	341183	5207406	58.546	1.352
5	.00358	.01774	83432	1480	413461	4866223	58.325	2.500
10	.00202	.01005	81952	824	407702	4452762	54.334	2.500
15	.00290	.01442	81129	1170	402900	4045060	49.860	2.655
20	.00437	.02163	79959	1729	395656	3642161	45.550	2.606
25	.00505	.02494	78230	1951	386363	3246505	41.500	2.547
30	.00576	.02839	76279	2166	376103	2860142	37.496	2.557
35	.00702	.03453	74113	2559	364352	2484039	33.517	2.572
40	.00872	.04268	71554	3054	350385	2119687	29.624	2.582
45	.01134	.05520	68500	3781	333385	1769302	25.829	2.589
50	.01498	.07228	64719	4678	312349	1435917	22.187	2.596
55	.02090	.09948	60041	5973	285846	1123568	18.713	2.596
60	.02930	.13686	54068	7400	252521	837722	15.494	2.592
65	.04361	.19718	46668	9202	211000	585200	12.540	2.572
70	.06413	.27671	37466	10367	161652	374200	9.988	2.523
75	.09255	.37470	27099	10154	109713	212548	7.843	2.461
80	.13421	.49619	16945	8408	62647	102835	6.069	2.374
85	.21243	******	8537	8537	40188	40188	4.708	4.708

AGE	M(X)	Q(X)	I(X)	D(X)	L(X)	T(X)	E(X)	A(X)
0	.11406	.10597	100000	10597	92900	5400000	54.000	0.330
1	.01505	.05791	89403	5177	343904	5307099	59.361	1.352
5	.00335	.01661	84226	1399	417633	4963195	58.927	2.500
10	.00190	.00946	82827	783	412176	4545562	54.880	2.500
15	.00274	.01362	82044	1117	407599	4133386	50.380	2.656
20	.00413	.02044	80927	1654	400674	3725787	46.039	2.607
25	.00478	.02361	79272	1872	391771	3325113	41.946	2.548
30	.00545	.02688	77400	2081	381921	2933342	37.898	2.558
35	.00667	.03283	75320	2473	370600	2551421	33.875	2.574
40	.00832	.04078	72847	2971	357058	2180821	29.937	2.585
45	.01089	.05307	69876	3708	340451	1823763	26.100	2.593
50	.01447	.06993	66167	4627	319731	1483311	22.418	2.600
55	.02030	.09680	61541	5957	293403	1163581	18.908	2.600
60	.02859	.13376	55583	7435	260037	870178	15.655	2.595
65	.04266	.19332	48148	9308	218173	610141	12.672	2.575
70	.06289	.27214	38840	10570	168060	391968	10.092	2.527
75	.09103	.36981	28270	10455	114855	223909	7.920	2.466
80	.13250	.49174	17816	8761	66118	109054	6.121	2.379
85	.21089	******	9055	9055	42936	42936	4.742	4.742

AGE	M(X)	Q(X)	I(X)	D(X)	L(X)	T(X)	E(X)	A(X)
0	.10884	.10144	100000	10144	93203	5500000	55.000	0.330
1	.01400	.05399	89856	4852	346576	5406796	60.172	1.352
5	.00313	.01553	85004	1320	421721	5060221	59.529	2.500
10	.00179	.00889	83684	744	416562	4638500	55.429	2.500
15	.00258	.01284	82940	1065	412207	4221938	50.903	2.657
20	.00389	.01930	81876	1580	405599	3809730	46.531	2.608
25	.00451	.02232	80296	1793	397085	3404131	42.395	2.549
30	.00515	.02542	78503	1995	387647	3007047	38.305	2.560
35	.00633	.03117	76508	2385	376761	2619400	34.237	2.577
40	.00793	.03893	74123	2885	363655	2242638	30.256	2.588
45	.01045	.05096	71238	3631	347461	1878983	26.376	2.596
50	.01397	.06758	67607	4569	327084	1531522	22.653	2.603
55	.01971	.09411	63038	5933	300968	1204438	19.107	2.603
60	.02788	.13065	57105	7461	267606	903470	15.821	2.598
65	.04171	.18943	49644	9404	225449	635864	12.808	2.578
70	.06164	.26750	40240	10764	174620	410415	10.199	2.531
75	.08948	.36482	29476	10754	120176	235795	8.000	2.470
80	.13076	.48718	18722	9121	69753	115619	6.175	2.384
85	.20934	******	9601	9601	45865	45865	4.777	4.777

AGE	M(X)	Q(X)	I(X)	D(X)	L(X)	T(X)	E(X)	A(X)
0	.10381	.09697	100000	9697	93418	5600000	56.000	0.321
1	.01299	.05023	90303	4536	349239	5506581	60.979	1.361
5	.00292	.01448	85766	1242	425727	5157343	60.132	2.500
10	.00167	.00834	84524	705	420860	4731616	55.979	2.500
15	.00243	.01209	83820	1013	416725	4310756	51.429	2.658
20	.00367	.01818	82806	1506	410432	3894031	47.026	2.609
25	.00426	.02107	81301	1713	402306	3483599	42.848	2.550
30	.00485	.02399	79588	1909	393281	3081294	38.716	2.561
35	.00600	.02955	77678	2296	382835	2688013	34.604	2.580
40	.00756	.03710	75383	2797	370176	2305178	30.580	2.591
45	.01001	.04888	72586	3548	354412	1935002	26.658	2.600
50	.01347	.06525	69038	4505	334407	1580590	22.895	2.607
55	.01912	.09142	64533	5900	308541	1246184	19.311	2.606
60	.02716	.12751	58633	7476	275229	937643	15.992	2.601
65	.04076	.18549	51156	9489	232833	662415	12.949	2.582
70	.06038	.26279	41667	10950	181339	429582	10.310	2.534
75	.08792	.35973	30718	11050	125687	248243	8.081	2.475
80	.12900	.48250	19668	9490	73564	122557	6.231	2.389
85	.20775	******	10178	10178	48992	48992	4.814	4.814

AGE	M(X)	Q(X)	I(X)	D(X)	L(X)	T(X)	E(X)	A(X)
0	.09889	.09256	100000	9256	93600	5700000	57.000	0.309
1	.01202	.04662	90744	4231	351865	5606399	61.783	1.374
5	.00271	.01348	86513	1166	429649	5254534	60.737	2.500
10	.00157	.00781	85347	666	425067	4824885	56.533	2.500
15	.00228	.01136	84680	962	421150	4399818	51.958	2.660
20	.00345	.01710	83718	1432	415169	3978668	47.524	2.610
25	.00401	.01986	82286	1634	407430	3563498	43.306	2.550
30	.00457	.02261	80653	1823	398819	3156069	39.132	2.563
35	.00567	.02797	78829	2205	388816	2757249	34.977	2.582
40	.00718	.03531	76624	2706	376613	2368433	30.910	2.594
45	.00958	.04682	73919	3461	361297	1991821	26.946	2.603
50	.01298	.06293	70457	4434	341691	1630523	23.142	2.610
55	.01853	.08873	66023	5858	316113	1288832	19.521	2.610
60	.02645	.12435	60165	7482	282899	972719	16.168	2.604
65	.03979	.18151	52683	9562	240320	689820	13.094	2.585
70	.05911	.25800	43121	11125	188217	449500	10.424	2.538
75	.08633	.35452	31996	11343	131392	261284	8.166	2.480
80	.12720	.47769	20653	9865	77560	129892	6.289	2.395
85	.20613	******	10787	10787	52332	52332	4.851	4.851

AGE	M(X)	Q(X)	I(X)	D(X)	L(X)	T(X)	E(X)	A(X)
0	.09405	.08821	100000	8821	93791	5800000	58.000	0.296
1	.01110	.04317	91179	3936	354433	5706209	62.582	1.387
5	.00252	.01252	87243	1092	433486	5351775	61.343	2.500
10	.00146	.00730	86151	629	429183	4918290	57.089	2.500
15	.00214	.01066	85522	911	425480	4489107	52.490	2.661
20	.00324	.01606	84611	1359	419809	4063627	48.027	2.611
25	.00377	.01868	83252	1555	412455	3643817	43.768	2.551
30	.00430	.02126	81698	1737	404257	3231363	39.553	2.564
35	.00535	.02643	79961	2113	394700	2827106	35.356	2.585
40	.00682	.03356	77847	2612	382961	2432406	31.246	2.598
45	.00915	.04479	75235	3370	368111	2049445	27.241	2.607
50	.01249	.06063	71865	4357	348931	1681335	23.396	2.614
55	.01794	.08603	67508	5808	323679	1332404	19.737	2.613
60	.02573	.12117	61700	7476	290613	1008725	16.349	2.607
65	.03882	.17748	54224	9624	247907	718113	13.243	2.588
70	.05782	.25312	44601	11289	195255	470205	10.543	2.542
75	.08472	.34919	33311	11632	137298	274950	8.254	2.485
80	.12536	.47273	21679	10248	81750	137652	6.350	2.400
85	.20448	******	11431	11431	55902	55902	4.890	4.890

AGE	M(X)	Q(X)	I(X)	D(X)	L(X)	T(X)	E(X)	A(X)
0	.08928	.08391	100000	8391	93990	5900000	59.000	0.284
1	.01023	.03986	91609	3651	356943	5806010	63.378	1.400
5	.00233	.01160	87958	1021	437236	5449067	61.951	2.500
10	.00137	.00680	86937	591	433206	5011831	57.649	2.500
15	.00200	.00998	86346	861	429714	4578625	53.027	2.662
20	.00303	.01505	85484	1286	424350	4148911	48.534	2.612
25	.00354	.01753	84198	1476	417377	3724561	44.236	2.552
30	.00403	.01996	82722	1651	409592	3307184	39.979	2.566
35	.00505	.02492	81071	2021	400482	2897592	35.741	2.588
40	.00647	.03183	79051	2516	389215	2497110	31.589	2.601
45	.00874	.04278	76534	3274	374846	2107895	27.542	2.611
50	.01200	.05833	73260	4273	356119	1733048	23.656	2.618
55	.01735	.08333	68986	5748	331232	1376929	19.959	2.617
60	.02500	.11796	63238	7460	298364	1045697	16.536	2.610
65	.03784	.17339	55778	9672	255594	747333	13.398	2.591
70	.05651	.24816	46107	11442	202458	491739	10.665	2.546
75	.08309	.34374	34665	11916	143414	289281	8.345	2.490
80	.12349	.46763	22749	10638	86146	145867	6.412	2.406
85	.20279	******	12111	12111	59721	59721	4.931	4.931

AGE	M(X)	Q(X)	I(X)	D(X)	L(X)	T(X)	E(X)	A(X)
0	.08458	.07968	100000	7968	94196	6000000	60.000	0.272
1	.00940	.03670	92032	3377	359393	5905804	64.171	1.413
5	.00216	.01072	88655	951	440900	5546411	62.561	2.500
10	.00127	.00633	87705	555	437135	5105511	58.213	2.500
15	.00187	.00932	87150	812	433850	4668375	53.567	2.663
20	.00283	.01407	86338	1214	428789	4234525	49.046	2.613
25	.00331	.01642	85123	1398	422196	3805736	44.709	2.553
30	.00377	.01869	83726	1565	414820	3383540	40.412	2.567
35	.00475	.02346	82160	1927	406159	2968720	36.133	2.591
40	.00612	.03014	80233	2419	395371	2562561	31.939	2.604
45	.00832	.04080	77815	3175	381499	2167190	27.851	2.614
50	.01152	.05604	74640	4183	363250	1785691	23.924	2.622
55	.01677	.08061	70457	5680	338767	1422441	20.189	2.620
60	.02427	.11472	64777	7431	306149	1083673	16.729	2.614
65	.03685	.16925	57345	9706	263378	777524	13.559	2.594
70	.05519	.24310	47640	11581	209826	514146	10.792	2.550
75	.08142	.33815	36058	12193	149747	304320	8.440	2.495
80	.12158	.46237	23865	11035	90760	154573	6.477	2.411
85	.20107	******	12831	12831	63813	63813	4.973	4.973

AGE	M(X)	Q(X)	I(X)	D(X)	L(X)	T(X)	E(X)	A(X)
0	.07997	.07550	100000	7550	94410	6100000	61.000	0.260
1	.00861	.03368	92450	3114	361785	6005590	64.960	1.426
5	.00199	.00988	89337	883	444475	5643805	63.175	2.500
10	.00118	.00587	88454	519	440969	5199330	58.780	2.500
15	.00174	.00868	87934	763	437888	4758361	54.113	2.665
20	.00264	.01312	87171	1144	433125	4320473	49.563	2.614
25	.00309	.01534	86027	1320	426907	3887348	45.187	2.554
30	.00352	.01747	84707	1480	419939	3460442	40.852	2.569
35	.00445	.02203	83228	1834	411726	3040503	36.532	2.594
40	.00578	.02849	81394	2319	401423	2628777	32.297	2.608
45	.00791	.03884	79075	3071	388061	2227354	28.168	2.618
50	.01104	.05377	76004	4087	370318	1839292	24.200	2.626
55	.01618	.07789	71917	5602	346278	1468974	20.426	2.624
60	.02354	.11146	66316	7391	313963	1122697	16.930	2.617
65	.03585	.16505	58924	9726	271258	808734	13.725	2.598
70	.05386	.23794	49199	11707	217363	537476	10.925	2.554
75	.07973	.33241	37492	12463	156306	320113	8.538	2.500
80	.11963	.45694	25029	11437	95606	163807	6.545	2.417
85	.19930	******	13592	13592	68201	68201	5.018	5.018

AGE	M(X)	Q(X)	I(X)	D(X)	L(X)	T(X)	E(X)	A(X)
0	.07543	.07138	100000	7138	94630	6200000	62.000	0.248
1	.00786	.03081	92862	2861	364117	6105370	65.747	1.438
5	.00182	.00908	90001	817	447961	5741253	63.791	2.500
10	.00109	.00543	89183	485	444706	5293292	59.353	2.500
15	.00162	.00807	88699	716	441824	4848586	54.663	2.666
20	.00246	.01220	87983	1074	437355	4406762	50.086	2.615
25	.00288	.01430	86910	1243	431508	3969407	45.673	2.554
30	.00328	.01628	85667	1395	424944	3537899	41.298	2.570
35	.00417	.02064	84272	1739	417179	3112955	36.939	2.597
40	.00544	.02686	82532	2217	407366	2695776	32.663	2.611
45	.00751	.03691	80315	2964	394528	2288410	28.493	2.622
50	.01056	.05150	77351	3984	377314	1893882	24.484	2.630
55	.01559	.07516	73367	5514	353757	1516568	20.671	2.628
60	.02281	.10816	67853	7339	321799	1162811	17.137	2.620
65	.03485	.16079	60514	9730	279230	841012	13.898	2.601
70	.05250	.23268	50784	11816	225072	561782	11.062	2.559
75	.07801	.32652	38968	12724	163100	336710	8.641	2.506
80	.11762	.45132	26244	11844	100697	173611	6.615	2.423
85	.19749	******	14400	14400	72914	72914	5.064	5.064

AGE	M(X)	Q(X)	I(X)	D(X)	L(X)	T(X)	E(X)	A(X)
0	.07098	.06733	100000	6733	94856	6300000	63.000	0.236
1	.00715	.02808	93267	2619	366390	6205144	66.531	1.450
5	.00167	.00832	90648	754	451356	5838754	64.411	2.500
10	.00101	.00501	89894	451	448344	5387398	59.930	2.500
15	.00150	.00748	89443	669	445657	4939054	55.220	2.667
20	.00228	.01132	88775	1005	441477	4493397	50.616	2.616
25	.00268	.01329	87770	1167	435996	4051919	46.165	2.555
30	.00305	.01513	86603	1311	429832	3615923	41.753	2.572
35	.00389	.01929	85292	1645	422513	3186091	37.355	2.600
40	.00512	.02528	83647	2114	413193	2763579	33.039	2.615
45	.00712	.03500	81533	2853	400892	2350386	28.827	2.627
50	.01008	.04924	78679	3874	384231	1949494	24.778	2.634
55	.01500	.07242	74805	5417	361196	1565263	20.925	2.632
60	.02206	.10483	69388	7274	329653	1204067	17.353	2.623
65	.03383	.15646	62114	9718	287291	874414	14.078	2.605
70	.05112	.22730	52396	11910	232954	587123	11.206	2.563
75	.07626	.32046	40486	12974	170139	354169	8.748	2.511
80	.11557	.44550	27512	12256	106050	184031	6.689	2.429
85	.19563	******	15255	15255	77981	77981	5.112	5.112

AGE	M(X)	Q(X)	I(X)	D(X)	L(X)	T(X)	E(X)	A(X)
0	.06662	.06335	100000	6335	95088	6400000	64.000	0.225
1	.00648	.02549	93665	2387	368603	6304912	67.313	1.462
5	.00152	.00759	91278	693	454658	5936309	65.035	2.500
10	.00092	.00461	90585	418	451881	5481651	60.514	2.500
15	.00139	.00691	90167	623	449385	5029770	55.783	2.669
20	.00210	.01047	89545	937	445489	4580385	51.152	2.617
25	.00248	.01232	88607	1092	440367	4134896	46.666	2.556
30	.00282	.01402	87515	1227	434599	3694529	42.216	2.573
35	.00363	.01798	86288	1551	427722	3259930	37.780	2.603
40	.00480	.02372	84737	2010	418899	2832208	33.424	2.619
45	.00673	.03311	82727	2739	407145	2413309	29.172	2.631
50	.00961	.04700	79988	3759	391061	2006165	25.081	2.639
55	.01441	.06967	76228	5311	368588	1615103	21.188	2.636
60	.02132	.10146	70918	7195	337515	1246515	17.577	2.627
65	.03280	.15206	63723	9689	295439	909000	14.265	2.608
70	.04973	.22181	54033	11985	241011	613561	11.355	2.567
75	.07447	.31423	42049	13213	177432	372550	8.860	2.517
80	.11347	.43946	28836	12672	111681	195118	6.767	2.435
85	.19372	******	16164	16164	83438	83438	5.162	5.162

AGE	M(X)	Q(X)	I(X)	D(X)	L(X)	T(X)	E(X)	A(X)
0	.06235	.05943	100000	5943	95325	6500000	65.000	0.213
1	.00584	.02304	94057	2167	370754	6404675	68.094	1.474
5	.00139	.00690	91890	634	457865	6033921	65.664	2.500
10	.00085	.00423	91256	386	455316	5576055	61.103	2.500
15	.00128	.00636	90870	578	453005	5120739	56.352	2.670
20	.00194	.00965	90292	871	449386	4667734	51.696	2.618
25	.00229	.01138	89421	1018	444619	4218348	47.174	2.557
30	.00261	.01295	88403	1145	439239	3773729	42.688	2.575
35	.00337	.01670	87258	1457	432802	3334490	38.214	2.606
40	.00449	.02220	85801	1905	424476	2901688	33.819	2.623
45	.00634	.03125	83896	2622	413279	2477212	29.527	2.635
50	.00914	.04476	81274	3638	397796	2063933	25.395	2.643
55	.01382	.06690	77636	5194	375923	1666137	21.461	2.640
60	.02057	.09805	72442	7103	345380	1290214	17.810	2.631
65	.03175	.14758	65339	9643	303667	944834	14.460	2.612
70	.04831	.21618	55697	12040	249245	641167	11.512	2.572
75	.07264	.30780	43656	13437	184990	391921	8.977	2.523
80	.11131	.43319	30219	13091	117608	206931	6.848	2.442
85	.19175	******	17128	17128	89323	89323	5.215	5.215

AGE	M(X)	Q(X)	I(X)	D(X)	L(X)	T(X)	100)	A(X)
0	.05816	.05559	100000	5559	95566	6600005	66.000	0.202
1	.00525	.02073	94441	1957	372844	6504439	68.873	1.486
5	.00125	.00625	92484	578	460976	6131595	66.299	2.500
10	.00077	.00386	91906	355	458645	5670619	61.700	2.500
15	.00117	.00584	91552	534	456515	5211973	56.929	2.671
20	.00178	.00886	91018	807	453167	4755458	52.248	2.619
25	.00211	.01048	90211	945	448746	4302292	47.691	2.558
30	.00240	.01192	89266	1064	443750	3853545	43.169	2.577
35	.00312	.01547	88201	1364	437746	3409796	38.659	2.609
40	.00418	.02071	86837	1799	429918	2972050	34.225	2.627
45	.00597	.02942	85039	2502	419287	2542132	29.894	2.640
50	.00868	.04253	82537	3511	404425	2122844	25.720	2.648
55	.01322	.06413	79026	5068	383193	1718419	21.745	2.644
60	.01981	.09460	73958	6997	353239	1335227	18.054	2.634
65	.03070	.14302	66962	9577	311972	981987	14.665	2.615
70	.04686	.21042	57385	12075	257658	670015	11.676	2.576
75	.07077	.30117	45310	13646	192824	412357	9.101	2.529
80	.10908	.42667	31664	13510	123851	219533	6.933	2.449
85	.18973	******	18154	18154	95682	95682	5.271	5.271

AGE	M(X)	Q(X)	I(X)	D(X)	L(X)	T(X)	E(X)	A(X)
0	.05408	.05182	100000	5182	95811	6700002	67.000	0.191
1	.00469	.01855	94818	1759	374871	6604191	69.651	1.497
5	.00113	.00563	93059	524	463988	6229320	66.939	2.500
10	.00070	.00351	92536	324	461867	5765333	62.304	2.500
15	.00107	.00533	92211	492	459911	5303466	57.514	2.673
20	.00163	.00811	91719	744	456827	4843555	52.808	2.620
25	.00193	.00961	90976	874	452745	4386728	48.219	2.559
30	.00220	.01093	90102	985	448124	3933983	43.662	2.578
35	.00287	.01427	89117	1272	442548	3485860	39.116	2.613
40	.00389	.01926	87845	1692	435216	3043311	34.644	2.631
45	.00560	.02762	86153	2379	425159	2608095	30.273	2.644
50	.00822	.04032	83774	3378	410939	2182936	26.058	2.652
55	.01263	.06134	80396	4931	390385	1771997	22.041	2.649
60	.01904	.09111	75465	6876	361082	1381613	18.308	2.638
65	.02963	.13839	68589	9492	320346	1020531	14.879	2.619
70	.04539	.20452	59097	12086	266249	700185	11.848	2.581
75	.06886	.29433	47011	13837	200942	433936	9.231	2.535
80	.10679	.41988	33174	13929	130430	232993	7.023	2.456
85	.18764	******	19245	19245	102563	102563	5.329	5.329

AGE	M(X)	Q(X)	I(X)	D(X)	L(X)	T(X)	300)	A(X)
0	.05010	.04812	100000	4812	96058	6800000	68.000	0.181
1	.00417	.01651	95188	1572	376833	6703943	70.429	1.508
5	.00101	.00505	93616	472	466897	6327109	67.586	2.500
10	.00064	.00317	93143	296	464977	5860212	62.916	2.500
15	.00097	.00485	92848	450	463191	5395235	58.108	2.674
20	.00148	.00738	92397	682	460363	4932044	53.379	2.621
25	.00176	.00877	91715	804	456611	4471682	48.756	2.559
30	.00201	.00998	90910	907	452356	4015071	44.165	2.580
35	.00264	.01311	90003	1180	447202	3562714	39.584	2.616
40	.00360	.01785	88823	1586	440364	3115512	35.076	2.635
45	.00523	.02584	87237	2254	430886	2675148	30.665	2.649
50	.00776	.03812	84983	3239	417326	2244262	26.408	2.657
55	.01204	.05854	81743	4785	397488	1826937	22.350	2.653
60	.01827	.08758	76958	6740	368897	1429449	18.574	2.642
65	.02855	.13366	70218	9385	328783	1060551	15.104	2.623
70	.04390	.19847	60833	12073	275019	731769	12.029	2.586
75	.06690	.28726	48760	14007	209358	456750	9.367	2.541
80	.10443	.41280	34753	14346	137369	247392	7.119	2.463
85	.18548	******	20407	20407	110024	110024	5.391	5.391

AGE	M(X)	Q(X)	I(X)	D(X)	L(X)	T(X)	E(X)	A(X)
0	.04622	.04452	100000	4452	96307	6900000	69.000	0.170
1	.00369	.01461	95548	1396	378729	6803693	71.207	1.519
5	.00090	.00450	94152	424	469702	6424963	68.240	2.500
10	.00057	.00286	93729	268	467974	5955261	63.537	2.500
15	.00088	.00439	93461	411	466350	5487287	58.712	2.676
20	.00134	.00669	93050	623	463770	5020937	53.959	2.622
25	.00160	.00797	92427	737	460340	4557167	49.305	2.560
30	.00182	.00907	91691	832	456442	4096827	44.681	2.582
35	.00241	.01200	90859	1090	451700	3640385	40.066	2.620
40	.00332	.01648	89769	1479	445352	3188684	35.521	2.639
45	.00487	.02410	88290	2127	436457	2743332	31.072	2.654
50	.00731	.03593	86162	3096	423574	2306875	26.774	2.663
55	.01144	.05573	83066	4629	404491	1883301	22.672	2.658
60	.01749	.08401	78437	6589	376674	1478810	18.853	2.646
65	.02745	.12885	71848	9257	337273	1102136	15.340	2.627
70	.04238	.19225	62591	12033	283964	764862	12.220	2.591
75	.06490	.27994	50557	14153	218080	480898	9.512	2.548
80	.10200	.40540	36404	14758	144690	262818	7.219	2.470
85	.18324	******	21646	21646	118128	118128	5.457	5.457

AGE	M(X)	Q(X)	I(X)	D(X)	L(X)	T(X)	E(X)	A(X)
0	.04246	.04100	100000	4100	96558	7000003	70.000	0.160
1	.00324	.01284	95900	1231	380558	6903446	71.986	1.529
5	.00080	.00399	94669	377	472400	6522888	68.902	2.500
10	.00051	.00256	94291	241	470853	6050488	64.168	2.500
15	.00079	.00396	94050	372	469386	5579634	59.326	2.678
20	.00121	.00604	93678	565	467046	5110248	54.551	2.623
25	.00145	.00721	93113	671	463926	4643203	49.867	2.561
30	.00165	.00820	92441	758	460375	4179277	45.210	2.584
35	.00220	.01093	91683	1002	456036	3718902	40.562	2.624
40	.00305	.01514	90681	1373	450172	3262866	35.982	2.644
45	.00452	.02238	89308	1999	441862	2812694	31.494	2.659
50	.00686	.03376	87309	2947	429673	2370832	27.154	2.668
55	.01085	.05290	84362	4463	411379	1941159	23.010	2.663
60	.01671	.08039	79899	6423	384400	1529780	19.146	2.650
65	.02633	.12394	73476	9107	345808	1145381	15.589	2.631
70	.04082	.18588	64369	11965	293084	799573	12.422	2.596
75	.06284	.27236	52404	14273	227120	506489	9.665	2.555
80	.09948	.39765	38131	15163	152421	279369	7.326	2.478
85	.18093	******	22968	22968	126948	126948	5.527	5.527

AGE	M(X)	Q(X)	I(X)	D(X)	L(X)	T(X)	E(X)	A(X)
0	.03882	.03758	100000	3758	96808	7099999	71.000	0.151
1	.00282	.01120	96242	1078	382317	7003191	72.766	1.540
5	.00070	.00351	95164	334	474986	6620875	69.573	2.500
10	.00046	.00228	94830	216	473612	6145888	64.809	2.500
15	.00071	.00354	94614	335	472294	5672277	59.952	2.679
20	.00108	.00541	94279	510	470184	5199983	55.155	2.624
25	.00130	.00648	93769	608	467363	4729799	50.441	2.562
30	.00148	.00737	93161	687	464148	4262436	45.753	2.585
35	.00199	.00990	92475	916	460201	3798287	41.074	2.628
40	.00279	.01385	91559	1268	454814	3338086	36.458	2.649
45	.00418	.02071	90291	1870	447088	2883273	31.933	2.665
50	.00641	.03160	88421	2794	435606	2436184	27.552	2.674
55	.01025	.05007	85627	4288	418137	2000579	23.364	2.668
60	.01592	.07673	81339	6241	392057	1582442	19.455	2.654
65	.02521	.11894	75099	8932	354373	1190385	15.851	2.635
70	.03924	.17933	66167	11866	302373	836012	12.635	2.601
75	.06074	.26451	54301	14363	236485	533639	9.827	2.562
80	.09688	.38954	39938	15557	160586	297154	7.440	2.486
85	.17852	******	24381	24381	136568	136568	5.601	5.601

AGE	M(X)	Q(X)	I(X)	D(X)	L(X)	T(X)	E(X)	A(X)
0	.03530	.03426	100000	3426	97057	7200000	72.000	0.141
1	.00244	.00969	96574	936	384003	7102943	73.549	1.550
5	.00061	.00307	95638	293	477458	6718939	70.254	2.500
10	.00040	.00201	95345	192	476245	6241481	65.462	2.500
15	.00063	.00315	95153	300	475070	5765236	60.589	2.681
20	.00097	.00482	94853	457	473180	5290166	55.772	2.625
25	.00116	.00579	94396	547	470647	4816986	51.030	2.563
30	.00132	.00659	93849	618	467755	4346338	46.312	2.587
35	.00179	.00892	93231	831	464188	3878583	41.602	2.632
40	.00254	.01260	92400	1165	459268	3414395	36.952	2.654
45	.00385	.01906	91235	1739	452125	2955128	32.390	2.671
50	.00597	.02947	89496	2637	441360	2503002	27.968	2.679
55	.00966	.04724	86859	4103	424748	2061642	23.736	2.673
60	.01512	.07302	82756	6043	399632	1636894	19.780	2.659
65	.02406	.11384	76713	8733	362956	1237262	16.128	2.640
70	.03763	.17260	67981	11733	311824	874307	12.861	2.607
75	.05857	.25636	56247	14419	246184	562483	10.000	2.569
80	.09418	.38102	41828	15937	169216	316298	7.562	2.495
85	.17603	******	25891	25891	147083	147083	5.681	5.681

AGE	M(X)	Q(X)	I(X)	D(X)	L(X)	T(X)	E(X)	A(X)
0	.03191	.03105	100000	3105	97304	7300000	73.000	0.132
1	.00209	.00831	96895	805	385616	7202695	74.335	1.559
5	.00053	.00266	96090	255	479811	6817079	70.945	2.500
10	.00035	.00176	95835	169	478750	6337268	66.127	2.500
15	.00056	.00279	95665	266	477710	5858518	61.240	2.683
20	.00085	.00426	95399	407	476029	5380808	56.403	2.626
25	.00103	.00514	94992	488	473772	4904778	51.633	2.564
30	.00117	.00584	94504	552	471189	4431007	46.887	2.589
35	.00160	.00798	93952	750	467987	3959817	42.147	2.636
40	.00229	.01140	93202	1063	463524	3491830	37.465	2.659
45	.00352	.01746	92140	1609	456959	3028306	32.867	2.677
50	.00554	.02736	90530	2477	446920	2571347	28.403	2.685
55	.00907	.04440	88054	3909	431196	2124427	24.126	2.679
60	.01432	.06927	84145	5828	407104	1693232	20.123	2.663
65	.02290	.10864	78316	8508	371539	1286128	16.422	2.644
70	.03598	.16568	69808	11566	321428	914589	13.101	2.613
75	.05635	.24790	58242	14438	256224	593161	10.184	2.577
80	.09139	.37206	43804	16298	178337	336937	7.692	2.504
85	.17343	******	27506	27506	158600	158600	5.766	5.766

AGE	M(X)	Q(X)	I(X)	D(X)	L(X)	T(X)	E(X)	A(X)
0	.02866	.02795	100000	2795	97548	7399997	74.000	0.123
1	.00177	.00706	97205	686	387151	7302449	75.124	1.569
5	.00046	.00228	96519	220	482042	6915298	71.647	2.500
10	.00031	.00154	96298	148	481122	6433256	66.805	2.500
15	.00049	.00244	96150	235	480209	5952134	61.904	2.685
20	.00075	.00374	95916	359	478727	5471925	57.049	2.627
25	.00091	.00453	95557	433	476730	4993198	52.254	2.565
30	.00103	.00514	95124	489	474443	4516467	47.480	2.592
35	.00142	.00709	94635	671	471591	4042025	42.712	2.641
40	.00206	.01025	93964	963	467571	3570433	37.998	2.665
45	.00321	.01591	93001	1479	461577	3102862	33.364	2.683
50	.00511	.02527	91522	2313	452269	2641285	28.860	2.692
55	.00847	.04155	89208	3707	437460	2189016	24.538	2.685
60	.01351	.06548	85502	5598	414452	1751556	20.486	2.668
65	.02172	.10334	79903	8257	380103	1337104	16.734	2.649
70	.03431	.15858	71646	11361	331172	957001	13.357	2.618
75	.05407	.23911	60284	14415	266607	625829	10.381	2.585
80	.08849	.36264	45870	16634	187980	359222	7.831	2.513
85	.17073	******	29235	29235	171242	171242	5.857	5.857

AGE	M(X)	Q(X)	I(X)	D(X)	L(X)	T(X)	E(X)	A(X)
0	.02555	.02499	100000	2499	97787	7500000	75.000	0.114
1	.00149	.00593	97501	578	388606	7402213	75.919	1.578
5	.00039	.00194	96923	188	484147	7013607	72.362	2.500
10	.00026	.00132	96735	128	483357	6529460	67.498	2.500
15	.00042	.00212	96607	205	482563	6046103	62.584	2.687
20	.00065	.00326	96402	314	481268	5563540	57.712	2.629
25	.00079	.00395	96088	380	479518	5082273	52.892	2.565
30	.00090	.00449	95709	430	477509	4602755	48.091	2.594
35	.00125	.00625	95279	596	474992	4125246	43.297	2.646
40	.00184	.00914	94683	866	471399	3650255	38.552	2.671
45	.00290	.01440	93817	1351	465966	3178855	33.883	2.690
50	.00470	.02323	92467	2148	457391	2712889	29.339	2.699
55	.00788	.03872	90319	3497	443520	2255499	24.973	2.691
60	.01269	.06165	86822	5352	421656	1811979	20.870	2.673
65	.02053	.09795	81470	7980	388626	1390323	17.066	2.654
70	.03260	.15128	73490	11117	341040	1001697	13.630	2.625
75	.05172	.22999	62372	14345	277335	660657	10.592	2.593
80	.08548	.35272	48028	16940	198173	383322	7.981	2.523
85	.16791	******	31087	31087	185148	185148	5.956	5.956

AGE	M(X)	Q(X)	I(X)	D(X)	L(X)	T(X)	E(X)	A(X)
0	.18796	.16750	100000	16750	89113	3500003	35.000	0.350
1	.05374	.18826	83250	15673	291641	3410890	40.971	1.361
5	.01167	.05672	67578	3833	328306	3119248	46.158	2.500
10	.00593	.02923	63745	1863	314067	2790942	43.783	2.500
15	.00845	.04140	61882	2562	303335	2476876	40.026	2.629
20	.01200	.05832	59320	3460	288206	2173541	36.641	2.574
25	.01360	.06576	55860	3674	270195	1885335	33.751	2.521
30	.01524	.07340	52186	3831	251380	1615141	30.949	2.506
35	.01633	.07842	48356	3792	232227	1363761	28.203	2.481
40	.01639	.07871	44564	3508	214003	1131534	25.391	2.487
45	.01806	.08642	41056	3548	196485	917531	22.348	2.521
50	.02176	.10329	37508	3874	178066	721046	19.224	2.555
55	.02917	.13620	33634	4581	157030	542980	16.144	2.569
60	.04046	.18414	29053	5350	132208	385950	13.284	2.560
65	.05819	.25438	23703	6030	103624	253741	10.705	2.530
70	.08373	.34558	17673	6108	72944	150117	8.494	2.475
75	.11905	.45425	11566	5254	44131	77174	6.673	2.393
80	.16449	.56938	6312	3594	21849	33043	5.235	2.298
85	.24282	******	2718	2718	11194	11194	4.118	4.118

AGE	M(X)	Q(X)	I(X)	D(X)	L(X)	T(X)	E(X)	A(X)
0	.18280	.16339	100000	16339	89380	3600002	36.000	0.350
1	.05125	.18058	83661	15107	294775	3510622	41.962	1.361
5	.01110	.05402	68554	3703	333509	3215847	46.910	2.500
10	.00564	.02783	64850	1805	319739	2882338	44.446	2.500
15	.00802	.03937	63045	2482	309344	2562599	40.647	2.630
20	.01140	.05547	60563	3360	294673	2253255	37.205	2.576
25	.01295	.06275	57204	3590	277130	1958583	34.239	2.524
30	.01456	.07025	53614	3767	258688	1681453	31.362	2.509
35	.01568	.07543	49847	3760	239779	1422765	28.543	2.485
40	.01583	.07613	46087	3509	221630	1182986	25.668	2.490
45	.01753	.08398	42579	3576	204039	961355	22.578	2.524
50	.02119	.10072	39003	3928	185417	757316	19.417	2.557
55	.02849	.13322	35074	4673	164023	571899	16.305	2.571
60	.03963	.18067	30402	5493	138620	407876	13.416	2.563
65	.05716	.25048	24909	6239	109156	269256	10.810	2.534
70	.08244	.34125	18670	6371	77282	160100	8.575	2.478
75	.11739	.44958	12299	5529	47101	82818	6.734	2.397
80	.16274	.56548	6769	3828	23522	35717	5.276	2.303
85	.24119	******	2941	2941	12195	12195	4.146	4.146

AGE	M(X)	Q(X)	I(X)	D(X)	L(X)	T(X)	E(X)	A(X)
0	.17776	.15935	100000	15935	89642	3700001	37.000	0.350
1	.04886	.17312	84065	14553	297855	3610359	42.947	1.361
5	.01056	.05143	69512	3575	338622	3312503	47.654	2.500
10	.00537	.02650	65937	1747	325316	2973881	45.102	2.500
15	.00762	.03742	64190	2402	315256	2648565	41.262	2.630
20	.01083	.05275	61788	3259	301044	2333309	37.763	2.578
25	.01234	.05986	58528	3504	283976	2032265	34.723	2.526
30	.01391	.06722	55025	3699	265924	1748289	31.773	2.512
35	.01505	.07253	51326	3723	247281	1482365	28.881	2.488
40	.01529	.07362	47604	3505	229233	1235084	25.945	2.494
45	.01701	.08160	44099	3598	211595	1005850	22.809	2.527
50	.02063	.09820	40500	3977	192797	794255	19.611	2.560
55	.02782	.13028	36524	4758	171072	601458	16.468	2.574
60	.03880	.17725	31765	5630	145119	430386	13.549	2.565
65	.05614	.24661	26135	6445	114799	285267	10.915	2.537
70	.08116	.33692	19690	6634	81742	170469	8.658	2.482
75	.11574	.44491	13056	5809	50186	88727	6.796	2.402
80	.16100	.56156	7247	4070	25277	38541	5.318	2.307
85	.23957	******	3177	3177	13263	13263	4.174	4.174

AGE	M(X)	Q(X)	I(X)	D(X)	L(X)	T(X)	E(X)	A(X)
0	.17282	.15537	100000	15537	89901	3800000	38.000	0.350
1	.04656	.16586	84463	14009	300883	3710099	43.926	1.361
5	.01004	.04895	70454	3449	343648	3409216	48.389	2.500
10	.00511	.02522	67005	1690	330801	3065568	45.751	2.500
15	.00723	.03556	65315	2322	321074	2734767	41.870	2.631
20	.01028	.05014	62993	3158	307321	2413693	38.317	2.580
25	.01175	.05708	59835	3415	290735	2106372	35.203	2.529
30	.01328	.06429	56420	3627	273086	1815637	32.181	2.515
35	.01445	.06972	52792	3680	254731	1542551	29.219	2.492
40	.01476	.07118	49112	3496	236809	1287820	26.222	2.497
45	.01650	.07926	45616	3616	219149	1051011	23.040	2.530
50	.02008	.09572	42001	4020	200201	831861	19.806	2.562
55	.02715	.12739	37980	4838	178175	631660	16.631	2.576
60	.03798	.17386	33142	5762	151700	453485	13.683	2.568
65	.05513	.24275	27380	6647	120551	301784	11.022	2.540
70	.07989	.33261	20734	6896	86325	181233	8.741	2.485
75	.11410	.44021	13838	6091	53387	94908	6.859	2.406
80	.15926	.55761	7746	4319	27120	41521	5.360	2.312
85	.23795	******	3427	3427	14401	14401	4.203	4.203

AGE	M(X)	Q(X)	I(X)	D(X)	L(X)	T(X)	E(X)	A(X)
0	.16798	.15144	100000	15144	90156	3900006	39.000	0.350
1	.04435	.15881	84856	13476	303860	3809850	44.898	1.361
5	.00954	.04657	71380	3324	348589	3505990	49.117	2.500
10	.00486	.02399	68056	1633	336197	3157400	46.394	2.500
15	.00686	.03377	66423	2243	326801	2821203	42.473	2.631
20	.00975	.04763	64180	3057	313506	2494403	38.866	2.581
25	.01118	.05440	61123	3325	297407	2180897	35.680	2.531
30	.01268	.06146	57798	3552	280174	1883490	32.588	2.518
35	.01386	.06699	54245	3634	262126	1603316	29.557	2.495
40	.01425	.06879	50612	3482	244355	1341190	26.500	2.500
45	.01600	.07697	47130	3628	226698	1096835	23.273	2.532
50	.01954	.09328	43502	4058	207628	870137	20.002	2.564
55	.02650	.12452	39444	4912	185329	662510	16.796	2.579
60	.03718	.17049	34533	5888	158364	477181	13.818	2.571
65	.05414	.23891	28645	6844	126412	318817	11.130	2.543
70	.07862	.32829	21801	7157	91032	192405	8.825	2.489
75	.11247	.43550	14644	6378	56707	101373	6.922	2.410
80	.15753	.55362	8267	4577	29053	44666	5.403	2.317
85	.23634	******	3690	3690	15614	15614	4.231	4.231

AGE	M(X)	Q(X)	I(X)	D(X)	L(X)	T(X)	E(X)	A(X)
0	.16323	.14757	100000	14757	90408	3999999	40.000	0.350
1	.04222	.15195	85243	12952	306789	3909592	45.864	1.361
5	.00906	.04428	72290	3201	353448	3602803	49.838	2.500
10	.00462	.02281	69089	1576	341504	3249355	47.031	2.500
15	.00651	.03206	67513	2164	332437	2907851	43.071	2.631
20	.00925	.04523	65348	2956	319598	2575414	39.411	2.583
25	.01064	.05182	62393	3233	303990	2255816	36.155	2.534
30	.01210	.05873	59160	3475	287185	1951825	32.993	2.521
35	.01330	.06434	55685	3583	269464	1664641	29.894	2.499
40	.01375	.06647	52102	3463	251865	1395177	26.778	2.504
45	.01552	.07473	48639	3635	234237	1143312	23.506	2.535
50	.01902	.09088	45004	4090	215070	909075	20.200	2.567
55	.02586	.12170	40914	4979	192528	694005	16.962	2.581
60	.03638	.16716	35935	6007	165105	501476	13.955	2.574
65	.05315	.23509	29928	7036	132379	336372	11.239	2.546
70	.07737	.32397	22893	7416	95862	203993	8.911	2.492
75	.11084	.43076	15476	6667	60147	108131	6.987	2.415
80	.15579	.54960	8810	4842	31078	47983	5.447	2.321
85	.23472	******	3968	3968	16905	16905	4.260	4.260

AGE	M(X)	Q(X)	I(X)	D(X)	L(X)	T(X)	E(X)	A(X)
0	.15857	.14375	100000	14375	90656	4099996	41.000	0.350
1	.04017	.14528	85625	12439	309671	4009340	46.825	1.361
5	.00860	.04208	73185	3080	358226	3699669	50.552	2.500
10	.00438	.02169	70105	1520	346726	3341443	47.663	2.500
15	.00617	.03042	68585	2086	337984	2994717	43.664	2.631
20	.00877	.04292	66499	2854	325601	2656732	39.952	2.585
25	.01011	.04934	63645	3140	310487	2331132	36.627	2.536
30	.01154	.05610	60505	3394	294120	2020645	33.397	2.524
35	.01275	.06177	57111	3528	276742	1726525	30.231	2.502
40	.01326	.06419	53583	3440	259339	1449783	27.057	2.507
45	.01504	.07253	50143	3637	241763	1190444	23.741	2.538
50	.01850	.08852	46507	4117	222526	948681	20.399	2.569
55	.02523	.11890	42390	5040	199771	726155	17.130	2.584
60	.03560	.16385	37350	6120	171921	526384	14.093	2.577
65	.05217	.23127	31230	7223	138452	354462	11.350	2.550
70	.07611	.31964	24007	7674	100817	216010	8.998	2.495
75	.10921	.42600	16334	6958	63712	115193	7.052	2.419
80	.15405	.54553	9376	5115	33201	51481	5.491	2.326
85	.23310	******	4261	4261	18280	18280	4.290	4.290

AGE	M(X)	Q(X)	I(X)	D(X)	L(X)	T(X)	E(X)	A(X)
0	.15399	.13998	100000	13998	90901	4200000	42.000	0.350
1	.03820	.13879	86002	11936	312508	4109099	47.779	1.361
5	.00816	.03997	74066	2960	362927	3796591	51.260	2.500
10	.00416	.02060	71105	1465	351864	3433664	48.290	2.500
15	.00585	.02884	69640	2009	343445	3081800	44.253	2.632
20	.00830	.04071	67632	2753	331514	2738355	40.489	2.586
25	.00961	.04695	64879	3046	316897	2406841	37.097	2.539
30	.01100	.05354	61833	3311	300977	2089944	33.800	2.527
35	.01222	.05927	58522	3469	283960	1788967	30.569	2.506
40	.01279	.06197	55054	3412	266773	1505007	27.337	2.510
45	.01458	.07036	51642	3634	249273	1238234	23.977	2.541
50	.01799	.08619	48008	4138	229993	988960	20.600	2.572
55	.02461	.11614	43871	5095	207055	758967	17.300	2.586
60	.03482	.16056	38775	6226	178811	551913	14.234	2.580
65	.05119	.22746	32550	7404	144631	373101	11.462	2.553
70	.07487	.31530	25146	7928	105899	228471	9.086	2.499
75	.10759	.42120	17217	7252	67405	122572	7.119	2.424
80	.15231	.54142	9965	5396	35425	55167	5.536	2.331
85	.23147	******	4570	4570	19743	19743	4.320	4.320

AGE	M(X)	Q(X)	I(X)	D(X)	L(X)	T(X)	E(X)	A(X)
0	.14949	.13625	100000	13625	91144	4300000	43.000	0.350
1	.03629	.13249	86375	11443	315300	4208856	48.728	1.361
5	.00773	.03793	74931	2843	367551	3893556	51.962	2.500
10	.00395	.01956	72089	1410	356920	3526005	48.912	2.500
15	.00554	.02733	70679	1932	348821	3169085	44.838	2.632
20	.00786	.03858	68747	2652	337339	2820265	41.024	2.588
25	.00913	.04464	66095	2951	323220	2482926	37.566	2.541
30	.01048	.05108	63144	3225	307755	2159706	34.203	2.530
35	.01170	.05684	59919	3406	291113	1851951	30.907	2.509
40	.01233	.05980	56513	3379	274164	1560837	27.619	2.514
45	.01412	.06824	53134	3626	256764	1286673	24.216	2.543
50	.01749	.08389	49508	4153	237466	1029910	20.803	2.574
55	.02399	.11340	45355	5143	214374	792444	17.472	2.589
60	.03405	.15729	40212	6325	185772	578070	14.376	2.583
65	.05022	.22366	33887	7579	150912	392298	11.577	2.556
70	.07363	.31094	26308	8180	111106	241386	9.175	2.502
75	.10597	.41637	18128	7548	71227	130280	7.187	2.428
80	.15056	.53726	10580	5684	37753	59053	5.582	2.335
85	.22984	******	4896	4896	21300	21300	4.351	4.351

AGE	M(X)	Q(X)	I(X)	D(X)	L(X)	T(X)	E(X)	A(X)
0	.14506	.13256	100000	13256	91383	4400000	44.000	0.350
1	.03446	.12635	86744	10960	318050	4308617	49.671	1.361
5	.00733	.03598	75783	2727	372100	3990566	52.658	2.500
10	.00375	.01856	73057	1356	361895	3618466	49.530	2.500
15	.00524	.02588	71701	1856	354112	3256571	45.419	2.632
20	.00744	.03653	69845	2552	343076	2902460	41.555	2.589
25	.00866	.04242	67294	2855	329455	2559384	38.033	2.543
30	.00998	.04869	64439	3138	314454	2229929	34.605	2.533
35	.01120	.05448	61301	3340	298201	1915475	31.247	2.513
40	.01187	.05767	57962	3343	281508	1617274	27.902	2.517
45	.01367	.06615	54619	3613	264230	1335765	24.456	2.546
50	.01700	.08162	51006	4163	244941	1071535	21.008	2.576
55	.02338	.11069	46843	5185	221726	826593	17.646	2.591
60	.03328	.15403	41658	6417	192799	604867	14.520	2.586
65	.04926	.21986	35241	7748	157296	412068	11.693	2.559
70	.07239	.30657	27493	8429	116442	254772	9.267	2.506
75	.10435	.41149	19065	7845	75183	138330	7.256	2.433
80	.14881	.53305	11220	5981	40190	63148	5.628	2.340
85	.22821	******	5239	5239	22957	22957	4.382	4.382

AGE	M(X)	Q(X)	I(X)	D(X)	L(X)	T(X)	E(X)	A(X)
0	.14070	.12891	100000	12891	91621	4500000	45.000	0.350
1	.03269	.12039	87109	10487	320759	4408380	50.608	1.361
5	.00694	.03410	76622	2613	376576	4087621	53.348	2.500
10	.00355	.01759	74009	1302	366790	3711044	50.143	2.500
15	.00496	.02449	72707	1780	359319	3344254	45.996	2.632
20	.00703	.03457	70927	2452	348725	2984935	42.085	2.591
25	.00822	.04028	68475	2758	335603	2636209	38.499	2.545
30	.00949	.04638	65717	3048	321071	2300606	35.008	2.535
35	.01071	.05218	62668	3270	305221	1979535	31.587	2.516
40	.01143	.05559	59398	3302	288804	1674314	28.188	2.520
45	.01323	.06409	56096	3595	271670	1385510	24.699	2.549
50	.01651	.07938	52501	4168	252416	1113840	21.215	2.579
55	.02278	.10800	48334	5220	229108	861424	17.822	2.594
60	.03252	.15079	43114	6501	199892	632316	14.666	2.589
65	.04830	.21605	36612	7910	163781	432424	11.811	2.562
70	.07115	.30218	28702	8673	121906	268643	9.360	2.509
75	.10272	.40657	20029	8143	79275	146738	7.326	2.437
80	.14704	.52878	11886	6285	42741	67462	5.676	2.345
85	.22656	******	5601	5601	24721	24721	4.414	4.414

AGE	M(X)	Q(X)	I(X)	D(X)	L(X)	T(X)	E(X)	A(X)
0	.13641	.12530	100000	12530	91855	4600000	46.000	0.350
1	.03099	.11459	87470	10024	323427	4508145	51.539	1.361
5	.00656	.03228	77446	2500	380980	4184718	54.034	2.500
10	.00336	.01666	74946	1249	371607	3803737	50.753	2.500
15	.00468	.02315	73697	1706	364445	3432130	46.571	2.632
20	.00664	.03268	71991	2353	354289	3067685	42.612	2.592
25	.00779	.03821	69638	2661	341664	2713397	38.964	2.548
30	.00903	.04415	66977	2957	327606	2371733	35.411	2.538
35	.01024	.04994	64020	3197	312170	2044127	31.929	2.520
40	.01100	.05355	60823	3257	296047	1731957	28.476	2.524
45	.01280	.06207	57565	3573	279080	1435910	24.944	2.552
50	.01603	.07716	53993	4166	259885	1156830	21.426	2.581
55	.02219	.10533	49826	5248	236516	896945	18.001	2.596
60	.03177	.14757	44578	6578	207047	660429	14.815	2.592
65	.04734	.21224	38000	8065	170365	453381	11.931	2.566
70	.06991	.29777	29934	8913	127499	283016	9.455	2.512
75	.10109	.40161	21021	8442	83508	155517	7.398	2.442
80	.14527	.52444	12579	6597	45411	72009	5.725	2.350
85	.22491	******	5982	5982	26598	26598	4.446	4.446

AGE	M(X)	Q(X)	I(X)	D(X)	L(X)	T(X)	E(X)	A(X)
0	.13218	.12172	100000	12172	92088	4700001	47.000	0.350
1	.02935	.10896	87828	9570	326056	4607913	52.465	1.361
5	.00620	.03054	78258	2390	385314	4281857	54.715	2.500
10	.00318	.01577	75868	1197	376347	3896543	51.360	2.500
15	.00442	.02187	74671	1633	369489	3520197	47.143	2.632
20	.00627	.03087	73038	2255	359765	3150708	43.138	2.594
25	.00737	.03622	70784	2564	347637	2790942	39.429	2.550
30	.00857	.04199	68220	2864	334057	2443305	35.815	2.541
35	.00978	.04777	65356	3122	319047	2109249	32.273	2.523
40	.01058	.05156	62234	3209	303234	1790201	28.766	2.527
45	.01238	.06007	59025	3546	286456	1486967	25.192	2.555
50	.01556	.07498	55480	4160	267347	1200511	21.639	2.584
55	.02160	.10268	51320	5270	243946	933165	18.183	2.599
60	.03102	.14435	46050	6647	214262	689219	14.967	2.595
65	.04639	.20843	39403	8213	177049	474957	12.054	2.569
70	.06867	.29332	31190	9149	133224	297908	9.551	2.516
75	.09946	.39658	22041	8741	87885	164684	7.472	2.446
80	.14349	.52003	13300	6917	48204	76799	5.774	2.355
85	.22324	******	6384	6384	28596	28596	4.480	4.480

AGE	M(X)	Q(X)	I(X)	D(X)	L(X)	T(X)	E(X)	A(X)
0	.12801	.11818	100000	11818	92318	4800001	48.000	0.350
1	.02777	.10349	88182	9126	328645	4707683	53.386	1.361
5	.00586	.02886	79056	2282	389577	4379037	55.391	2.500
10	.00301	.01491	76774	1145	381010	3989460	51.963	2.500
15	.00417	.02063	75629	1560	374452	3608450	47.712	2.632
20	.00591	.02913	74069	2157	365156	3233998	43.662	2.595
25	.00698	.03429	71912	2466	353521	2868842	39.894	2.552
30	.00814	.03989	69445	2770	340423	2515320	36.220	2.544
35	.00934	.04565	66675	3044	325849	2174897	32.619	2.527
40	.01017	.04960	63632	3156	310364	1849048	29.059	2.530
45	.01196	.05811	60475	3514	293794	1538685	25.443	2.557
50	.01509	.07281	56961	4147	274796	1244891	21.855	2.586
55	.02102	.10005	52814	5284	251395	970096	18.368	2.601
60	.03028	.14114	47530	6708	221533	718700	15.121	2.598
65	.04544	.20461	40822	8352	183829	497168	12.179	2.572
70	.06743	.28884	32469	9379	139081	313338	9.650	2.519
75	.09783	.39150	23091	9040	92409	174258	7.547	2.451
80	.14169	.51555	14051	7244	51126	81848	5.825	2.360
85	.22156	******	6807	6807	30722	30722	4.513	4.513

AGE	M(X)	Q(X)	I(X)	D(X)	L(X)	T(X)	E(X)	A(X)
0	.12390	.11467	100000	11467	92547	4900002	49.000	0.350
1	.02624	.09817	88533	8691	331197	4807455	54.301	1.361
5	.00552	.02725	79842	2176	393772	4476258	56.064	2.500
10	.00284	.01409	77667	1094	385597	4082486	52.564	2.500
15	.00393	.01945	76572	1489	379336	3696889	48.280	2.632
20	.00556	.02745	75083	2061	370462	3317553	44.185	2.596
25	.00659	.03244	73022	2369	359317	2947092	40.359	2.554
30	.00772	.03787	70653	2675	346703	2587775	36.626	2.547
35	.00891	.04358	67978	2963	332573	2241072	32.968	2.531
40	.00977	.04768	65015	3100	317431	1908499	29.355	2.534
45	.01155	.05617	61915	3478	301090	1591068	25.698	2.560
50	.01463	.07066	58437	4129	282228	1289978	22.075	2.588
55	.02044	.09744	54308	5292	258860	1007749	18.556	2.604
60	.02954	.13794	49016	6761	228857	748890	15.278	2.600
65	.04448	.20077	42255	8483	190706	520032	12.307	2.575
70	.06619	.28433	33772	9602	145071	329326	9.752	2.523
75	.09618	.38636	24169	9338	97086	184256	7.624	2.455
80	.13987	.51099	14831	7579	54183	87170	5.877	2.364
85	.21986	******	7253	7253	32987	32987	4.548	4.548

AGE	M(X)	Q(X)	I(X)	D(X)	L(X)	T(X)	E(X)	A(X)
0	.11984	.11118	100000	11118	92773	5000004	50.000	0.350
1	.02477	.09301	88882	8267	333712	4907230	55.211	1.361
5	.00521	.02569	80615	2071	397898	4573518	56.733	2.500
10	.00268	.01329	78544	1044	390109	4175620	53.163	2.500
15	.00369	.01831	77500	1419	384139	3785511	48.845	2.632
20	.00523	.02584	76081	1966	375681	3401372	44.707	2.598
25	.00622	.03065	74115	2272	365023	3025691	40.824	2.557
30	.00731	.03590	71843	2579	352895	2660668	37.034	2.549
35	.00849	.04157	69264	2879	339218	2307773	33.319	2.534
40	.00937	.04580	66384	3041	324433	1968555	29.654	2.537
45	.01115	.05426	63344	3437	308342	1644122	25.956	2.563
50	.01418	.06854	59907	4106	289641	1335779	22.298	2.591
55	.01987	.09484	55801	5292	266335	1046138	18.748	2.606
60	.02881	.13474	50509	6805	236233	779803	15.439	2.603
65	.04353	.19692	43703	8606	197678	543570	12.438	2.579
70	.06495	.27978	35097	9819	151195	345893	9.855	2.526
75	.09453	.38114	25278	9634	101919	194698	7.702	2.460
80	.13804	.50635	15643	7921	57381	92779	5.931	2.369
85	.21815	******	7722	7722	35399	35399	4.584	4.584

AGE	M(X)	Q(X)	I(X)	D(X)	L(X)	T(X)	E(X)	A(X)
0	.11583	.10772	100000	10772	92998	5100006	51.000	0.350
1	.02335	.08799	89228	7852	336190	5007008	56.115	1.361
5	.00490	.02420	81376	1969	401957	4670818	57.398	2.500
10	.00252	.01253	79407	995	394547	4268861	53.759	2.500
15	.00347	.01722	78412	1350	388863	3874314	49.410	2.632
20	.00492	.02430	77062	1872	380814	3485451	45.229	2.599
25	.00587	.02892	75190	2175	370639	3104636	41.291	2.559
30	.00692	.03400	73015	2483	358997	2733997	37.444	2.552
35	.00808	.03961	70532	2794	345781	2375000	33.673	2.538
40	.00899	.04396	67738	2978	331367	2029220	29.957	2.541
45	.01075	.05238	64760	3392	315545	1697852	26.217	2.566
50	.01373	.06644	61368	4077	297029	1382307	22.525	2.593
55	.01930	.09225	57291	5285	273819	1085277	18.943	2.609
60	.02808	.13154	52006	6841	243655	811459	15.603	2.606
65	.04259	.19305	45165	8719	204742	567803	12.572	2.582
70	.06370	.27519	36446	10029	157455	363061	9.962	2.530
75	.09287	.37585	26417	9929	106912	205606	7.783	2.465
80	.13619	.50161	16488	8270	60726	98695	5.986	2.375
85	.21642	******	8217	8217	37969	37969	4.621	4.621

AGE	M(X)	Q(X)	I(X)	D(X)	L(X)	T(X)	E(X)	A(X)
0	.11188	.10429	100000	10429	93221	5200009	52.000	0.350
1	.02199	.08313	89571	7446	338632	5106789	57.014	1.361
5	.00460	.02276	82124	1869	405949	4768156	58.060	2.500
10	.00237	.01179	80255	947	398910	4362207	54.354	2.500
15	.00326	.01617	79309	1282	393507	3963297	49.973	2.632
20	.00461	.02281	78027	1780	385862	3569789	45.751	2.600
25	.00553	.02726	76247	2078	376164	3183927	41.758	2.561
30	.00654	.03216	74168	2386	365008	2807763	37.857	2.555
35	.00768	.03771	71783	2707	352258	2442755	34.030	2.541
40	.00861	.04215	69076	2911	338230	2090497	30.264	2.544
45	.01036	.05052	66164	3343	322695	1752267	26.484	2.569
50	.01328	.06435	62822	4043	304390	1429571	22.756	2.596
55	.01874	.08968	58779	5271	281305	1125182	19.143	2.611
60	.02735	.12835	53508	6868	251122	843876	15.771	2.609
65	.04164	.18916	46640	8822	211898	592754	12.709	2.585
70	.06244	.27055	37818	10232	163851	380856	10.071	2.533
75	.09120	.37049	27586	10220	112071	217004	7.866	2.470
80	.13432	.49678	17366	8627	64225	104934	6.042	2.380
85	.21467	******	8739	8739	40708	40708	4.658	4.658

AGE	M(X)	Q(X)	I(X)	D(X)	L(X)	T(X)	E(X)	A(X)
0	.10797	.10089	100000	10089	93442	5300000	53.000	0.350
1	.02067	.07842	89911	7051	341038	5206558	57.908	1.361
5	.00432	.02138	82860	1771	409874	4865520	58.719	2.500
10	.00223	.01109	81089	899	403199	4455645	54.947	2.500
15	.00305	.01516	80190	1216	398072	4052447	50.535	2.632
20	.00432	.02139	78975	1689	390822	3654375	46.273	2.602
25	.00520	.02566	77286	1983	381596	3263552	42.227	2.563
30	.00617	.03039	75303	2288	370926	2881956	38.272	2.558
35	.00730	.03585	73015	2618	358647	2511030	34.391	2.545
40	.00824	.04037	70397	2842	345016	2152382	30.575	2.548
45	.00997	.04869	67555	3289	329788	1807366	26.754	2.572
50	.01284	.06228	64266	4003	311716	1477578	22.992	2.598
55	.01818	.08711	60263	5250	288790	1165862	19.346	2.614
60	.02662	.12515	55013	6885	258629	877071	15.943	2.612
65	.04068	.18525	48129	8916	219144	618443	12.850	2.589
70	.06118	.26586	39213	10425	170385	399299	10.183	2.537
75	.08951	.36504	28788	10509	117398	228914	7.952	2.474
80	.13243	.49184	18279	8990	67886	111515	6.101	2.385
85	.21290	******	9289	9289	43630	43630	4.697	4.697

AGE	M(X)	Q(X)	I(X)	D(X)	L(X)	T(X)	E(X)	A(X)
0	.10419	.09751	100000	9751	93589	5400000	54.000	0.343
1	.01941	.07385	90249	6665	343439	5306411	58.797	1.365
5	.00405	.02004	83585	1675	413735	4962972	59.377	2.500
10	.00209	.01041	81909	852	407416	4549237	55.540	2.500
15	.00286	.01419	81057	1150	402560	4141822	51.098	2.631
20	.00404	.02002	79907	1600	395698	3739262	46.795	2.603
25	.00488	.02411	78307	1888	386939	3343564	42.698	2.566
30	.00581	.02866	76419	2190	376752	2956625	38.690	2.561
35	.00692	.03404	74229	2527	364950	2579873	34.756	2.549
40	.00788	.03863	71702	2770	351727	2214923	30.891	2.552
45	.00959	.04688	68932	3231	336823	1863196	27.030	2.575
50	.01240	.06023	65701	3957	319010	1526373	23.232	2.601
55	.01762	.08456	61744	5221	296274	1207364	19.554	2.617
60	.02590	.12195	56523	6893	266176	911089	16.119	2.615
65	.03973	.18131	49630	8998	226480	644913	12.995	2.592
70	.05992	.26111	40631	10609	177062	418433	10.298	2.540
75	.08781	.35949	30022	10793	122904	241371	8.040	2.479
80	.13052	.48678	19229	9360	71718	118466	6.161	2.390
85	.21111	******	9869	9869	46748	46748	4.737	4.737

AGE	M(X)	Q(X)	I(X)	D(X)	L(X)	T(X)	E(X)	A(X)
0	.10046	.09415	100000	9415	93715	5500000	55.000	0.332
1	.01818	.06942	90585	6288	345808	5406285	59.682	1.371
5	.00379	.01877	84297	1582	417530	5060477	60.032	2.500
10	.00196	.00975	82715	807	411559	4642947	56.132	2.500
15	.00267	.01327	81908	1087	406968	4231388	51.660	2.631
20	.00377	.01871	80822	1512	400488	3824420	47.319	2.604
25	.00457	.02262	79310	1794	392187	3423932	43.171	2.568
30	.00547	.02700	77516	2093	382482	3031745	39.111	2.564
35	.00656	.03228	75423	2434	371159	2649263	35.125	2.553
40	.00752	.03692	72989	2695	358356	2278104	31.212	2.555
45	.00922	.04509	70294	3169	343793	1919747	27.310	2.578
50	.01197	.05819	67125	3906	326262	1575954	23.478	2.603
55	.01707	.08201	63219	5185	303749	1249691	19.768	2.619
60	.02517	.11874	58034	6891	273758	945942	16.300	2.618
65	.03878	.17734	51143	9070	233904	672184	13.143	2.595
70	.05864	.25631	42073	10784	183880	438280	10.417	2.544
75	.08610	.35385	31289	11072	128592	254399	8.131	2.484
80	.12857	.48161	20217	9737	75729	125808	6.223	2.396
85	.20928	******	10481	10481	50078	50078	4.778	4.778

AGE	M(X)	Q(X)	I(X)	D(X)	L(X)	T(X)	E(X)	A(X)
0	.09676	.09081	100000	9081	93847	5600000	56.000	0.322
1	.01701	.06514	90919	5922	348138	5506153	60.561	1.376
5	.00354	.01754	84997	1491	421258	5158015	60.685	2.500
10	.00183	.00912	83506	762	415627	4736756	56.723	2.500
15	.00249	.01238	82745	1024	411296	4321129	52.223	2.631
20	.00352	.01745	81720	1426	405189	3909832	47.844	2.606
25	.00428	.02118	80295	1701	397340	3504644	43.647	2.570
30	.00514	.02539	78594	1995	388113	3107304	39.536	2.567
35	.00620	.03056	76598	2341	377272	2719190	35.499	2.556
40	.00717	.03524	74257	2617	364899	2341918	31.538	2.559
45	.00885	.04332	71640	3103	350694	1977020	27.596	2.581
50	.01154	.05617	68537	3850	333468	1626326	23.729	2.606
55	.01652	.07948	64687	5141	311210	1292858	19.986	2.622
60	.02445	.11553	59546	6879	281368	981648	16.486	2.622
65	.03782	.17335	52667	9130	241412	700280	13.296	2.599
70	.05736	.25144	43537	10947	190840	458868	10.540	2.548
75	.08437	.34811	32590	11345	134465	268028	8.224	2.489
80	.12660	.47630	21245	10119	79927	133563	6.287	2.401
85	.20743	******	11126	11126	53636	53636	4.821	4.821

AGE	M(X)	Q(X)	I(X)	D(X)	L(X)	T(X)	E(X)	A(X)
0	.09309	.08749	100000	8749	93985	5700000	57.000	0.312
1	.01588	.06099	91251	5566	350429	5606015	61.435	1.382
5	.00330	.01636	85685	1402	424920	5255586	61.336	2.500
10	.00171	.00852	84283	718	419621	4830666	57.315	2.500
15	.00232	.01152	83565	963	415544	4411045	52.786	2.630
20	.00327	.01624	82602	1342	409800	3995501	48.370	2.607
25	.00400	.01981	81261	1609	402396	3585701	44.126	2.572
30	.00482	.02383	79651	1898	393643	3183305	39.966	2.570
35	.00586	.02889	77753	2246	383285	2789662	35.878	2.560
40	.00683	.03360	75507	2537	371350	2406377	31.870	2.563
45	.00848	.04157	72970	3034	357519	2035027	27.889	2.584
50	.01112	.05416	69936	3788	340622	1677508	23.986	2.609
55	.01597	.07694	66148	5090	318650	1336886	20.210	2.625
60	.02373	.11231	61058	6858	289003	1018235	16.676	2.625
65	.03686	.16932	54201	9177	249000	729232	13.454	2.602
70	.05607	.24651	45024	11099	197941	480232	10.666	2.551
75	.08263	.34226	33925	11611	140529	282290	8.321	2.494
80	.12460	.47086	22314	10507	84322	141761	6.353	2.407
85	.20555	******	11807	11807	57439	57439	4.865	4.865

AGE	M(X)	Q(X)	I(X)	D(X)	L(X)	T(X)	E(X)	A(X)
0	.08945	.08420	100000	8420	94128	5800000	58.000	0.303
1	.01480	.05699	91580	5220	352682	5705872	62.305	1.387
5	.00307	.01523	86360	1315	428515	5353190	61.987	2.500
10	.00159	.00794	85046	675	423539	4924675	57.906	2.500
15	.00215	.01071	84370	904	419710	4501136	53.350	2.630
20	.00304	.01509	83467	1259	414322	4081426	48.899	2.608
25	.00373	.01848	82207	1519	407353	3667105	44.608	2.575
30	.00451	.02233	80688	1802	399069	3259752	40.399	2.573
35	.00553	.02727	78887	2151	389195	2860683	36.263	2.564
40	.00650	.03198	76736	2454	377707	2471488	32.208	2.567
45	.00813	.03985	74281	2960	364265	2093782	28.187	2.587
50	.01070	.05217	71321	3721	347719	1729517	24.250	2.611
55	.01543	.07442	67600	5031	326066	1381799	20.441	2.627
60	.02301	.10909	62570	6825	296658	1055733	16.873	2.628
65	.03589	.16525	55744	9212	256667	759075	13.617	2.606
70	.05477	.24151	46532	11238	205186	502408	10.797	2.555
75	.08086	.33630	35294	11870	146791	297222	8.421	2.499
80	.12257	.46528	23425	10899	88923	150432	6.422	2.412
85	.20364	******	12526	12526	61509	61509	4.911	4.911

AGE	M(X)	Q(X)	I(X)	D(X)	L(X)	T(X)	E(X)	A(X)
0	.08584	.08093	100000	8093	94277	5900000	59.000	0.293
1	.01376	.05313	91907	4883	354895	5805723	63.169	1.392
5	.00285	.01414	87024	1231	432042	5450828	62.636	2.500
10	.00148	.00738	85793	634	427382	5018786	58.499	2.500
15	.00200	.00993	85160	846	423793	4591404	53.915	2.629
20	.00282	.01398	84314	1179	418751	4167611	49.430	2.609
25	.00347	.01720	83135	1430	412210	3748859	45.094	2.577
30	.00422	.02088	81705	1706	404388	3336650	40.838	2.576
35	.00520	.02569	79999	2055	394998	2932261	36.654	2.568
40	.00617	.03040	77944	2370	383963	2537264	32.552	2.571
45	.00777	.03814	75574	2883	370925	2153300	28.492	2.590
50	.01029	.05019	72692	3649	354752	1782375	24.520	2.614
55	.01489	.07190	69043	4964	333450	1427623	20.677	2.630
60	.02229	.10585	64079	6783	304327	1094173	17.075	2.631
65	.03492	.16115	57296	9233	264408	789845	13.785	2.610
70	.05346	.23643	48063	11363	212575	525437	10.932	2.559
75	.07907	.33021	36699	12119	153256	312863	8.525	2.505
80	.12050	.45954	24581	11296	93741	159607	6.493	2.418
85	.20170	******	13285	13285	65866	65866	4.958	4.958

AGE	M(X)	Q(X)	I(X)	D(X)	L(X)	T(X)	E(X)	A(X)
0	.08226	.07767	100000	7767	94431	6000000	60.000	0.283
1	.01276	.04941	92233	4558	357069	5905569	64.029	1.398
5	.00264	.01311	87675	1149	435502	5548499	63.285	2.500
10	.00138	.00685	86526	593	431147	5112997	59.092	2.500
15	.00185	.00919	85933	789	427794	4681850	54.483	2.629
20	.00260	.01293	85144	1101	423089	4254056	49.963	2.611
25	.00322	.01598	84043	1343	416964	3830968	45.583	2.579
30	.00393	.01948	82700	1611	409599	3414004	41.282	2.579
35	.00489	.02415	81089	1959	400690	3004405	37.051	2.573
40	.00585	.02885	79130	2283	390116	2603714	32.904	2.575
45	.00742	.03646	76848	2802	377495	2213599	28.805	2.594
50	.00987	.04823	74046	3571	361717	1836103	24.797	2.617
55	.01435	.06938	70475	4890	340798	1474386	20.921	2.633
60	.02157	.10260	65585	6729	312006	1133588	17.284	2.634
65	.03395	.15701	58856	9241	272221	821582	13.959	2.613
70	.05213	.23127	49615	11475	220107	549361	11.073	2.563
75	.07727	.32400	38140	12357	159930	329254	8.633	2.510
80	.11839	.45363	25783	11696	98788	169324	6.567	2.424
85	.19971	******	14087	14087	70536	70536	5.007	5.007

AGE	M(X)	Q(X)	I(X)	D(X)	L(X)	T(X)	E(X)	A(X)
0	.07870	.07444	100000	7444	94590	6100000	61.000	0.273
1	.01181	.04583	92556	4242	359205	6005409	64.884	1.403
5	.00244	.01211	88313	1070	438893	5646204	63.934	2.500
10	.00127	.00634	87244	553	434835	5207312	59.687	2.500
15	.00170	.00847	86690	735	431710	4772476	55.052	2.628
20	.00240	.01192	85956	1025	427331	4340767	50.500	2.612
25	.00298	.01481	84931	1258	421614	3913435	46.078	2.582
30	.00366	.01813	83673	1517	414698	3491821	41.732	2.582
35	.00458	.02266	82156	1862	406269	3077123	37.455	2.577
40	.00554	.02732	80294	2194	396159	2670854	33.263	2.579
45	.00708	.03480	78100	2718	383970	2274695	29.125	2.597
50	.00946	.04628	75382	3488	368608	1890725	25.082	2.620
55	.01381	.06687	71894	4808	348103	1522117	21.172	2.636
60	.02085	.09934	67086	6664	319688	1174015	17.500	2.638
65	.03297	.15283	60422	9234	280102	854327	14.139	2.617
70	.05079	.22603	51188	11570	227784	574225	11.218	2.567
75	.07544	.31765	39618	12584	166819	346441	8.745	2.515
80	.11625	.44755	27033	12099	104075	179621	6.645	2.430
85	.19769	******	14934	14934	75546	75546	5.059	5.059

AGE	M(X)	Q(X)	I(X)	D(X)	L(X)	T(X)	E(X)	A(X)
0	.07518	.07123	100000	7123	94755	6200000	62.000	0.264
1	.01090	.04239	92877	3937	361302	6105245	65.735	1.408
5	.00225	.01116	88939	993	442214	5743943	64.583	2.500
10	.00117	.00585	87946	515	438444	5301729	60.284	2.500
15	.00157	.00780	87431	682	435540	4863285	55.624	2.628
20	.00220	.01096	86750	951	431478	4427745	51.040	2.613
25	.00275	.01368	85799	1174	426157	3996266	46.577	2.584
30	.00339	.01684	84625	1425	419683	3570109	42.188	2.585
35	.00429	.02122	83200	1765	411730	3150427	37.866	2.581
40	.00523	.02583	81435	2104	402089	2738697	33.631	2.583
45	.00674	.03316	79331	2630	390342	2336608	29.454	2.600
50	.00906	.04434	76700	3401	375417	1946266	25.375	2.622
55	.01328	.06437	73300	4718	355357	1570849	21.431	2.639
60	.02013	.09607	68582	6589	327367	1215492	17.723	2.641
65	.03198	.14860	61993	9212	288047	888125	14.326	2.621
70	.04944	.22071	52781	11649	235605	600078	11.369	2.571
75	.07358	.31115	41132	12798	173931	364473	8.861	2.521
80	.11406	.44128	28334	12503	109617	190542	6.725	2.437
85	.19562	******	15831	15831	80925	80925	5.112	5.112

AGE	M(X)	Q(X)	I(X)	D(X)	L(X)	T(X)	E(X)	A(X)
0	.07168	.06804	100000	6804	94925	6300000	63.000	0.254
1	.01003	.03909	93196	3643	363358	6205075	66.581	1.413
5	.00206	.01026	89552	919	445465	5841717	65.232	2.500
10	.00108	.00539	88634	478	441973	5396252	60.883	2.500
15	.00144	.00715	88156	630	439283	4954279	56.199	2.627
20	.00202	.01005	87525	880	435528	4514996	51.585	2.614
25	.00254	.01261	86646	1092	430592	4079468	47.082	2.587
30	.00314	.01559	85553	1334	424549	3648876	42.650	2.588
35	.00400	.01982	84219	1669	417068	3224327	38.285	2.586
40	.00493	.02437	82551	2012	407899	2807259	34.007	2.588
45	.00640	.03154	80539	2540	396607	2399360	29.791	2.604
50	.00866	.04241	77999	3308	382137	2002753	25.677	2.625
55	.01274	.06186	74690	4621	362555	1620616	21.698	2.642
60	.01940	.09278	70070	6501	335037	1258060	17.954	2.645
65	.03099	.14432	63569	9174	296049	923024	14.520	2.624
70	.04808	.21528	54394	11710	243570	626974	11.526	2.575
75	.07170	.30451	42684	12998	181271	383404	8.982	2.526
80	.11183	.43480	29686	12908	115426	202134	6.809	2.443
85	.19351	******	16779	16779	86708	86708	5.168	5.168

AGE	M(X)	Q(X)	I(X)	D(X)	L(X)	T(X)	E(X)	A(X)
0	.06822	.06488	100000	6488	95099	6400000	64.000	0.245
1	.00920	.03593	93512	3360	365375	6304901	67.423	1.418
5	.00189	.00940	90152	847	448643	5939525	65.883	2.500
10	.00099	.00495	89305	442	445421	5490882	61.485	2.500
15	.00131	.00654	88863	581	442937	5045461	56.778	2.627
20	.00185	.00918	88282	811	439478	4602524	52.134	2.616
25	.00233	.01158	87471	1013	434915	4163046	47.593	2.589
30	.00290	.01439	86458	1244	429295	3728132	43.121	2.592
35	.00372	.01846	85214	1573	422279	3298837	38.712	2.590
40	.00464	.02294	83641	1919	413585	2876558	34.392	2.592
45	.00607	.02994	81722	2447	402757	2462973	30.138	2.607
50	.00826	.04050	79276	3211	388763	2060216	25.988	2.628
55	.01221	.05936	76065	4516	369688	1671453	21.974	2.645
60	.01868	.08948	71549	6402	342690	1301765	18.194	2.648
65	.02999	.13999	65147	9120	304105	959075	14.722	2.628
70	.04670	.20977	56027	11753	251677	654970	11.690	2.579
75	.06980	.29770	44274	13180	188845	403293	9.109	2.532
80	.10955	.42811	31094	13312	121516	214448	6.897	2.449
85	.19135	******	17782	17782	92932	92932	5.226	5.226

AGE	M(X)	Q(X)	I(X)	D(X)	L(X)	T(X)	E(X)	A(X)
0	.06479	.06174	100000	6174	95279	6500000	65.000	0.235
1	.00840	.03291	93826	3087	367351	6404721	68.261	1.424
5	.00172	.00858	90739	779	451749	6037370	66.536	2.500
10	.00091	.00452	89960	407	448785	5585621	62.090	2.500
15	.00119	.00596	89553	534	446501	5136836	57.361	2.626
20	.00168	.00836	89020	744	443326	4690336	52.689	2.617
25	.00213	.01060	88275	936	439123	4247010	48.111	2.592
30	.00267	.01325	87340	1157	433915	3807887	43.599	2.595
35	.00346	.01714	86183	1478	427359	3373971	39.149	2.595
40	.00435	.02154	84705	1825	419140	2946612	34.787	2.597
45	.00575	.02836	82880	2350	408786	2527472	30.495	2.611
50	.00786	.03860	80530	3109	395285	2118686	26.309	2.631
55	.01169	.05687	77421	4403	376749	1723400	22.260	2.648
60	.01796	.08617	73018	6292	350317	1346652	18.443	2.652
65	.02898	.13562	66727	9049	312208	996334	14.932	2.632
70	.04530	.20415	57677	11775	259926	684127	11.861	2.583
75	.06786	.29072	45903	13345	196660	424201	9.241	2.538
80	.10721	.42119	32558	13713	127904	227542	6.989	2.456
85	.18913	******	18845	18845	99637	99637	5.287	5.287

AGE	M(X)	Q(X)	I(X)	D(X)	L(X)	T(X)	E(X)	A(X)
0	.06140	.05862	100000	5862	95462	6600000	66.000	0.226
1	.00765	.03002	94138	2826	369286	6504538	69.096	1.429
5	.00157	.00780	91312	713	454779	6135252	67.190	2.500
10	.00083	.00412	90600	373	452064	5680472	62.699	2.500
15	.00108	.00541	90226	488	449971	5228409	57.948	2.625
20	.00152	.00759	89738	681	447069	4778437	53.249	2.618
25	.00194	.00967	89057	861	443215	4331368	48.636	2.595
30	.00244	.01215	88196	1071	438408	3888152	44.085	2.599
35	.00320	.01587	87125	1383	432304	3449745	39.596	2.600
40	.00407	.02018	85742	1730	424559	3017441	35.192	2.602
45	.00543	.02680	84011	2252	414687	2592883	30.863	2.615
50	.00747	.03672	81760	3002	401697	2178196	26.641	2.635
55	.01116	.05438	78758	4283	383727	1776499	22.557	2.651
60	.01724	.08283	74475	6169	357911	1392772	18.701	2.656
65	.02797	.13119	68306	8961	320350	1034861	15.150	2.636
70	.04389	.19842	59345	11775	268313	714511	12.040	2.587
75	.06589	.28357	47570	13489	204721	446198	9.380	2.544
80	.10483	.41403	34081	14110	134605	241477	7.085	2.463
85	.18686	******	19970	19970	106871	106871	5.352	5.352

AGE	M(X)	Q(X)	I(X)	D(X)	L(X)	T(X)	E(X)	A(X)
0	.05805	.05552	100000	5552	95650	6700007	67.000	0.217
1	.00694	.02728	94448	2576	371179	6604357	69.926	1.434
5	.00142	.00707	91871	649	457733	6233178	67.847	2.500
10	.00075	.00374	91222	341	455256	5775445	63.312	2.500
15	.00098	.00489	90881	444	453347	5320189	58.540	2.624
20	.00137	.00685	90436	620	450707	4866842	53.815	2.620
25	.00176	.00879	89817	789	447187	4416135	49.168	2.597
30	.00223	.01110	89028	988	442768	3968948	44.581	2.602
35	.00295	.01465	88039	1290	437107	3526180	40.052	2.605
40	.00380	.01884	86749	1635	429835	3089073	35.609	2.607
45	.00512	.02527	85115	2151	420452	2659238	31.243	2.619
50	.00709	.03485	82964	2891	407989	2238786	26.985	2.638
55	.01064	.05189	80073	4155	390615	1830797	22.864	2.654
60	.01651	.07949	75917	6034	365462	1440182	18.970	2.659
65	.02695	.12670	69883	8854	328524	1074720	15.379	2.641
70	.04245	.19258	61029	11753	276836	746195	12.227	2.591
75	.06389	.27623	49276	13611	213036	469359	9.525	2.550
80	.10238	.40660	35665	14501	141637	256323	7.187	2.470
85	.18453	******	21164	21164	114686	114686	5.419	5.419

AGE	M(X)	Q(X)	I(X)	D(X)	L(X)	T(X)	E(X)	A(X)
0	.05474	.05246	100000	5246	95842	6800003	68.000	0.207
1	.00627	.02467	94754	2338	373028	6704161	70.753	1.439
5	.00128	.00638	92416	589	460608	6331133	68.507	2.500
10	.00068	.00338	91827	311	458358	5870525	63.930	2.500
15	.00088	.00440	91516	403	456625	5412167	59.139	2.623
20	.00124	.00616	91114	561	454234	4955542	54.388	2.621
25	.00160	.00795	90553	720	451036	4501308	49.709	2.600
30	.00203	.01010	89833	907	446992	4050272	45.087	2.606
35	.00271	.01347	88925	1198	441763	3603281	40.520	2.610
40	.00354	.01754	87727	1539	434961	3161517	36.038	2.612
45	.00481	.02376	86188	2048	426073	2726557	31.635	2.623
50	.00670	.03300	84140	2776	414152	2300484	27.341	2.641
55	.01012	.04941	81364	4020	397401	1886332	23.184	2.657
60	.01579	.07613	77344	5888	372959	1488931	19.251	2.663
65	.02592	.12216	71456	8729	336721	1115972	15.618	2.645
70	.04100	.18662	62727	11706	285490	779250	12.423	2.596
75	.06186	.26869	51021	13709	221607	493761	9.678	2.557
80	.09988	.39888	37312	14883	149015	272153	7.294	2.477
85	.18214	******	22429	22429	123138	123138	5.490	5.490

AGE	M(X)	Q(X)	I(X)	D(X)	L(X)	T(X)	E(X)	A(X)
0	.05147	.04943	100000	4943	96037	6900001	69.000	0.198
1	.00563	.02221	95057	2111	374832	6803964	71.578	1.444
5	.00115	.00572	92946	532	463401	6429131	69.170	2.500
10	.00061	.00304	92414	281	461369	5965730	64.554	2.500
15	.00079	.00394	92133	363	459803	5504361	59.744	2.622
20	.00111	.00551	91770	506	457649	5044558	54.969	2.622
25	.00144	.00716	91265	653	454757	4586909	50.259	2.603
30	.00184	.00915	90611	829	451074	4132152	45.603	2.610
35	.00248	.01234	89782	1108	446268	3681078	41.000	2.616
40	.00328	.01628	88674	1444	439931	3234810	36.480	2.617
45	.00450	.02228	87231	1943	431542	2794879	32.040	2.627
50	.00632	.03116	85287	2657	420176	2363337	27.710	2.644
55	.00960	.04694	82630	3878	404076	1943161	23.516	2.661
60	.01506	.07275	78751	5729	380391	1539085	19.544	2.667
65	.02489	.11756	73022	8584	344931	1158693	15.868	2.649
70	.03954	.18055	64438	11634	294270	813762	12.629	2.600
75	.05979	.26095	52804	13779	230440	519492	9.838	2.563
80	.09731	.39087	39025	15254	156759	289052	7.407	2.485
85	.17968	******	23771	23771	132294	132294	5.565	5.565

AGE	M(X)	Q(X)	I(X)	D(X)	L(X)	T(X)	E(X)	A(X)
0	.04824	.04643	100000	4643	96236	7000000	70.000	0.189
1	.00504	.01988	95357	1896	376590	6903764	72.399	1.448
5	.00102	.00511	93461	477	466111	6527174	69.838	2.500
10	.00055	.00272	92984	253	464285	6061062	65.184	2.500
15	.00070	.00351	92730	325	462878	5596778	60.355	2.621
20	.00098	.00490	92405	453	460948	5133900	55.559	2.624
25	.00129	.00641	91952	590	458348	4672951	50.820	2.606
30	.00166	.00825	91362	754	455012	4214603	46.131	2.614
35	.00226	.01125	90608	1020	450616	3759591	41.493	2.621
40	.00303	.01505	89589	1348	444738	3308975	36.935	2.623
45	.00421	.02082	88240	1837	436850	2864238	32.460	2.632
50	.00595	.02934	86403	2535	426053	2427387	28.094	2.648
55	.00908	.04447	83868	3730	410628	2001335	23.863	2.664
60	.01434	.06936	80138	5559	387746	1590707	19.850	2.671
65	.02384	.11290	74580	8420	353142	1202960	16.130	2.654
70	.03805	.17435	66160	11535	303170	849818	12.845	2.605
75	.05769	.25299	54625	13820	239538	546648	10.007	2.570
80	.09467	.38254	40805	15610	164887	307111	7.526	2.493
85	.17715	******	25195	25195	142224	142224	5.645	5.645

AGE	M(X)	Q(X)	I(X)	D(X)	L(X)	T(X)	E(X)	A(X)
0	.04507	.04347	100000	4347	96437	7100000	71.000	0.180
1	.00448	.01770	95653	1693	378301	7003563	73.218	1.453
5	.00091	.00453	93960	426	468735	6625261	70.511	2.500
10	.00049	.00242	93534	227	467103	6156526	65.821	2.500
15	.00062	.00311	93307	290	465847	5689423	60.975	2.620
20	.00087	.00434	93017	404	464129	5223576	56.157	2.625
25	.00115	.00571	92614	529	461805	4759447	51.390	2.609
30	.00149	.00740	92085	682	458801	4297643	46.670	2.618
35	.00205	.01021	91403	934	454800	3838842	41.999	2.627
40	.00279	.01386	90470	1254	449374	3384042	37.405	2.629
45	.00391	.01939	89216	1730	441990	2934667	32.894	2.636
50	.00558	.02754	87486	2410	431770	2492678	28.492	2.652
55	.00857	.04202	85076	3575	417044	2060907	24.224	2.668
60	.01361	.06596	81502	5376	395011	1643863	20.170	2.675
65	.02279	.10818	76126	8236	361342	1248852	16.405	2.658
70	.03654	.16802	67890	11407	312181	887510	13.073	2.609
75	.05556	.24482	56483	13828	248903	575329	10.186	2.577
80	.09196	.37387	42655	15947	173417	326426	7.653	2.501
85	.17455	******	26708	26708	153009	153009	5.729	5.729

AGE	M(X)	Q(X)	I(X)	D(X)	L(X)	T(X)	E(X)	A(X)
0	.04196	.04055	100000	4055	96641	7200000	72.000	0.172
1	.00395	.01566	95945	1502	379962	7103359	74.035	1.458
5	.00080	.00400	94443	378	471270	6723397	71.190	2.500
10	.00043	.00214	94065	202	469821	6252127	66.466	2.500
15	.00055	.00273	93863	257	468706	5782306	61.603	2.619
20	.00076	.00381	93607	357	467187	5313600	56.765	2.627
25	.00101	.00506	93250	472	465123	4846413	51.972	2.612
30	.00132	.00660	92778	612	462435	4381290	47.223	2.623
35	.00185	.00922	92166	850	458816	3918855	42.520	2.633
40	.00256	.01271	91315	1160	453833	3460039	37.891	2.635
45	.00363	.01799	90155	1622	446950	3006206	33.345	2.641
50	.00522	.02577	88533	2281	437318	2559256	28.907	2.655
55	.00806	.03957	86252	3413	423312	2121938	24.602	2.672
60	.01288	.06255	82839	5182	402170	1698626	20.505	2.680
65	.02173	.10341	77657	8031	369516	1296456	16.695	2.663
70	.03501	.16157	69626	11249	321292	926940	13.313	2.614
75	.05338	.23641	58377	13801	258534	605647	10.375	2.584
80	.08918	.36484	44576	16263	182368	347113	7.787	2.509
85	.17186	******	28313	28313	164744	164744	5.819	5.819

AGE	M(X)	Q(X)	I(X)	D(X)	L(X)	T(X)	E(X)	A(X)
0	.03890	.03767	100000	3767	96847	7299994	73.000	0.163
1	.00347	.01376	96233	1324	381572	7203147	74.851	1.463
5	.00070	.00351	94909	333	473712	6821575	71.875	2.500
10	.00038	.00188	94576	178	472435	6347863	67.119	2.500
15	.00048	.00239	94398	225	471452	5875428	62.241	2.618
20	.00067	.00333	94172	313	470119	5403976	57.384	2.628
25	.00089	.00445	93859	418	468299	4933858	52.567	2.616
30	.00117	.00585	93441	547	465909	4465559	47.790	2.627
35	.00166	.00828	92895	770	462656	3999649	43.056	2.640
40	.00233	.01159	92125	1068	458106	3536993	38.393	2.641
45	.00335	.01662	91057	1514	451723	3078887	33.813	2.646
50	.00486	.02402	89544	2151	442684	2627165	29.340	2.659
55	.00756	.03715	87393	3246	429418	2184481	24.996	2.675
60	.01216	.05914	84147	4977	409208	1755063	20.857	2.684
65	.02067	.09858	79170	7805	377648	1345855	17.000	2.668
70	.03347	.15499	71365	11061	330492	968207	13.567	2.619
75	.05117	.22777	60304	13735	268431	637716	10.575	2.591
80	.08631	.35542	46569	16551	191757	369285	7.930	2.518
85	.16909	******	30018	30018	177528	177528	5.914	5.914

AGE	M(X)	Q(X)	I(X)	D(X)	L(X)	T(X)	E(X)	A(X)
0	.03591	.03485	100000	3485	97054	7400000	74.000	0.155
1	.00302	.01200	96515	1158	383128	7302946	75.666	1.467
5	.00061	.00305	95357	291	476059	6919819	72.567	2.500
10	.00033	.00164	95066	156	474942	6443760	67.782	2.500
15	.00041	.00207	94910	197	474082	5968818	62.889	2.616
20	.00058	.00288	94714	273	472921	5494736	58.014	2.630
25	.00078	.00389	94441	367	471329	5021815	53.174	2.619
30	.00103	.00515	94074	484	469221	4550486	48.372	2.632
35	.00148	.00739	93589	692	466317	4081265	43.608	2.646
40	.00211	.01052	92897	977	462186	3614949	38.913	2.648
45	.00308	.01529	91920	1405	456298	3152762	34.299	2.651
50	.00451	.02230	90514	2018	447857	2696464	29.790	2.663
55	.00706	.03474	88496	3074	435348	2248607	25.409	2.679
60	.01144	.05573	85422	4760	416109	1813259	21.227	2.689
65	.01960	.09370	80662	7558	385720	1397150	17.321	2.673
70	.03190	.14827	73103	10839	339765	1011430	13.836	2.624
75	.04892	.21889	62264	13629	278588	671665	10.787	2.598
80	.08337	.34559	48636	16808	201603	393077	8.082	2.526
85	.16623	******	31828	31828	191474	191474	6.016	6.016

AGE	M(X)	Q(X)	I(X)	D(X)	L(X)	T(X)	E(X)	A(X)
0	.03299	.03209	100000	3209	97261	7499999	75.000	0.146
1	.00261	.01038	96791	1004	384627	7402738	76.481	1.472
5	.00053	.00263	95787	252	478307	7018111	73.268	2.500
10	.00028	.00142	95535	136	477337	6539805	68.454	2.500
15	.00036	.00178	95399	170	476592	6062467	63.548	2.615
20	.00050	.00248	95230	236	475589	5585875	58.657	2.632
25	.00067	.00337	94994	320	474209	5110286	53.796	2.623
30	.00090	.00450	94674	426	472363	4636078	48.969	2.637
35	.00132	.00656	94248	618	469791	4163714	44.178	2.653
40	.00191	.00949	93630	889	466066	3693924	39.452	2.655
45	.00282	.01399	92741	1298	460666	3227857	34.805	2.657
50	.00416	.02060	91444	1884	452825	2767191	30.261	2.668
55	.00657	.03236	89560	2898	441086	2314366	25.842	2.684
60	.01072	.05231	86662	4534	422853	1873281	21.616	2.694
65	.01852	.08878	82128	7291	393711	1450427	17.661	2.678
70	.03032	.14143	74837	10584	349093	1056716	14.120	2.629
75	.04664	.20976	64253	13478	288998	707623	11.013	2.606
80	.08034	.33533	50775	17026	211918	418625	8.245	2.536
85	.16327	******	33749	33749	206707	206707	6.125	6.125

AGE	M(X)	Q(X)	I(X)	D(X)	L(X)	T(X)	E(X)	A(X)
0	.28413	.23869	100000	23869	84008	3500008	35.000	0.330
1	.02628	.09829	76131	7483	284708	3416000	44.870	1.352
5	.00578	.02850	68648	1956	338348	3131292	45.614	2.500
10	.00423	.02094	66691	1397	329965	2792944	41.879	2.500
15	.00690	.03395	65295	2217	321316	2462979	37.721	2.674
20	.01044	.05094	63078	3213	307700	2141663	33.953	2.607
25	.01280	.06206	59865	3715	290281	1833963	30.635	2.566
30	.01626	.07819	56150	4390	269986	1543682	27.492	2.548
35	.01900	.09072	51760	4696	247198	1273696	24.608	2.530
40	.02268	.10738	47064	5054	222812	1026498	21.811	2.525
45	.02691	.12612	42010	5298	196899	803686	19.131	2.518
50	.03237	.14981	36712	5500	169916	606787	16.529	2.520
55	.04087	.18555	31212	5791	141707	436871	13.997	2.522
60	.05409	.23837	25420	6059	112031	295164	11.611	2.513
65	.07466	.31412	19361	6082	81460	183134	9.459	2.477
70	.10213	.40388	13279	5363	52513	101674	7.657	2.411
75	.13547	.49748	7916	3938	29069	49161	6.210	2.331
80	.17580	.59232	3978	2356	13403	20092	5.051	2.247
85	.24244	******	1622	1622	6689	6689	4.125	4.125

AGE	M(X)	Q(X)	I(X)	D(X)	L(X)	T(X)	E(X)	A(X)
0	.27379	.23135	100000	23135	84499	3600000	36.000	0.330
1	.02475	.09291	76865	7142	288548	3515500	45.736	1.352
5	.00546	.02694	69723	1879	343919	3226952	46.282	2.500
10	.00402	.01989	67845	1349	335849	2883033	42.495	2.500
15	.00657	.03235	66495	2151	327474	2547184	38.306	2.675
20	.00995	.04860	64344	3127	314241	2219710	34.498	2.608
25	.01221	.05931	61217	3631	297251	1905469	31.127	2.567
30	.01552	.07478	57586	4306	277384	1608218	27.927	2.551
35	.01820	.08708	53280	4640	254954	1330835	24.978	2.533
40	.02182	.10354	48640	5036	230757	1075881	22.119	2.529
45	.02602	.12222	43604	5329	204814	845124	19.382	2.522
50	.03146	.14594	38275	5586	177540	640310	16.729	2.524
55	.03992	.18164	32689	5938	148751	462770	14.157	2.526
60	.05302	.23426	26751	6267	118191	314019	11.739	2.516
65	.07336	.30959	20484	6342	86444	195828	9.560	2.481
70	.10058	.39913	14143	5645	56125	109384	7.734	2.416
75	.13372	.49298	8498	4189	31328	53259	6.267	2.336
80	.17403	.58862	4309	2536	14573	21931	5.090	2.252
85	.24089	******	1772	1772	7358	7358	4.151	4.151

AGE	M(X)	Q(X)	I(X)	D(X)	L(X)	T(X)	E(X)	A(X)
0	.26373	.22413	100000	22413	84983	3699998	37.000	0.330
1	.02330	.08777	77587	6810	292316	3615015	46.593	1.352
5	.00516	.02547	70777	1802	349380	3322699	46.946	2.500
10	.00381	.01888	68975	1303	341617	2973320	43.107	2.500
15	.00625	.03082	67672	2086	333516	2631703	38.889	2.677
20	.00948	.04635	65587	3040	320668	2298187	35.040	2.610
25	.01165	.05666	62547	3544	304117	1977519	31.617	2.569
30	.01482	.07148	59003	4218	284692	1673402	28.361	2.553
35	.01743	.08355	54785	4578	262647	1388710	25.348	2.536
40	.02099	.09980	50207	5011	238674	1126063	22.428	2.533
45	.02516	.11841	45197	5352	212743	887389	19.634	2.526
50	.03058	.14214	39845	5663	185223	674646	16.932	2.528
55	.03898	.17777	34182	6077	155895	489423	14.318	2.529
60	.05197	.23017	28105	6469	124481	333528	11.867	2.520
65	.07208	.30507	21636	6600	91574	209047	9.662	2.484
70	.09903	.39438	15036	5930	59878	117473	7.813	2.420
75	.13198	.48845	9106	4448	33700	57595	6.325	2.340
80	.17226	.58489	4658	2724	15816	23895	5.130	2.256
85	.23934	******	1934	1934	8079	8079	4.178	4.178

AGE	M(X)	Q(X)	I(X)	D(X)	L(X)	T(X)	E(X)	A(X)
0	.25395	.21702	100000	21702	85459	3799994	38.000	0.330
1	.02192	.08286	78298	6488	296011	3714534	47.441	1.352
5	.00487	.02406	71810	1727	354731	3418523	47.605	2.500
10	.00362	.01792	70082	1256	347272	3063792	43.717	2.500
15	.00595	.02935	68826	2020	339443	2716520	39.469	2.678
20	.00903	.04419	66807	2952	326982	2377077	35.581	2.611
25	.01111	.05411	63855	3455	310878	2050094	32.106	2.570
30	.01413	.06830	60399	4126	291911	1739216	28.795	2.555
35	.01669	.08014	56274	4510	270274	1447305	25.719	2.540
40	.02019	.09616	51764	4977	246559	1177031	22.738	2.536
45	.02431	.11467	46787	5365	220682	930472	19.887	2.530
50	.02971	.13839	41422	5732	192958	709790	17.136	2.531
55	.03806	.17395	35689	6208	163132	516832	14.481	2.533
60	.05093	.22611	29481	6666	130897	353700	11.997	2.523
65	.07080	.30056	22815	6857	96850	222803	9.765	2.488
70	.09749	.38961	15958	6217	63773	125953	7.893	2.424
75	.13024	.48390	9741	4713	36189	62180	6.384	2.345
80	.17049	.58112	5027	2921	17135	25991	5.170	2.261
85	.23779	******	2106	2106	8856	8856	4.205	4.205

AGE	M(X)	Q(X)	I(X)	D(X)	L(X)	T(X)	E(X)	A(X)
0	.24442	.21003	100000	21003	85928	3900000	39.000	0.330
1	.02061	.07816	78997	6175	299638	3814072	48.281	1.352
5	.00459	.02271	72822	1654	359977	3514434	48.260	2.500
10	.00343	.01700	71168	1210	352817	3154456	44.324	2.500
15	.00566	.02793	69959	1954	345259	2801639	40.047	2.680
20	.00859	.04211	68005	2863	333187	2456380	36.121	2.613
25	.01060	.05165	65141	3364	317536	2123193	32.594	2.572
30	.01348	.06523	61777	4030	299040	1805657	29.229	2.557
35	.01597	.07682	57747	4436	277833	1506617	26.090	2.543
40	.01941	.09261	53311	4937	254409	1228784	23.050	2.540
45	.02349	.11101	48374	5370	228625	974376	20.143	2.534
50	.02886	.13470	43004	5792	200743	745751	17.342	2.535
55	.03714	.17015	37211	6332	170460	545008	14.646	2.537
60	.04990	.22207	30880	6857	137438	374548	12.129	2.527
65	.06954	.29605	24022	7112	102270	237111	9.870	2.491
70	.09596	.38483	16910	6508	67815	134840	7.974	2.428
75	.12851	.47931	10403	4986	38800	67026	6.443	2.350
80	.16872	.57731	5417	3127	18534	28226	5.211	2.266
85	.23623	******	2290	2290	9692	9692	4.233	4.233

AGE	M(X)	Q(X)	I(X)	D(X)	L(X)	T(X)	E(X)	A(X)
0	.23514	.20314	100000	20314	86390	4000000	40.000	0.330
1	.01936	.07368	79686	5871	303197	3913610	49.113	1.352
5	.00433	.02143	73815	1582	365120	3610413	48.912	2.500
10	.00325	.01612	72233	1164	358254	3245293	44.928	2.500
15	.00538	.02657	71069	1888	350964	2887039	40.623	2.681
20	.00818	.04010	69180	2774	339283	2536075	36.659	2.614
25	.01010	.04927	66406	3272	324089	2196792	33.081	2.573
30	.01284	.06227	63134	3931	306076	1872703	29.662	2.559
35	.01527	.07360	59203	4358	285320	1566627	26.462	2.546
40	.01865	.08914	54845	4889	262217	1281307	23.362	2.544
45	.02268	.10742	49956	5366	236567	1019090	20.400	2.538
50	.02802	.13106	44590	5844	208569	782523	17.549	2.539
55	.03625	.16640	38746	6447	177872	573954	14.813	2.540
60	.04887	.21805	32299	7043	144099	396082	12.263	2.530
65	.06828	.29154	25256	7363	107836	251982	9.977	2.495
70	.09444	.38003	17893	6800	72004	144147	8.056	2.432
75	.12678	.47469	11093	5266	41535	72143	6.503	2.355
80	.16695	.57347	5827	3342	20017	30608	5.252	2.271
85	.23468	******	2486	2486	10591	10591	4.261	4.261

AGE	M(X)	Q(X)	I(X)	D(X)	L(X)	T(X)	E(X)	A(X)
0	.22611	.19636	100000	19636	86844	4100000	41.000	0.330
1	.01818	.06939	80364	5576	306691	4013156	49.937	1.352
5	.00408	.02021	74788	1512	370161	3706465	49.560	2.500
10	.00308	.01527	73276	1119	363584	3336304	45.530	2.500
15	.00511	.02526	72157	1823	356562	2972720	41.198	2.682
20	.00778	.03817	70334	2685	345270	2616158	37.196	2.615
25	.00962	.04698	67650	3178	330540	2270888	33.568	2.574
30	.01223	.05940	64472	3830	313019	1940348	30.096	2.562
35	.01460	.07048	60642	4274	292733	1627329	26.835	2.549
40	.01791	.08577	56368	4834	269981	1334596	23.677	2.547
45	.02190	.10390	51533	5354	244502	1064615	20.659	2.541
50	.02720	.12747	46179	5886	216432	820113	17.759	2.543
55	.03536	.16267	40293	6554	185366	603680	14.982	2.544
60	.04786	.21404	33738	7221	150880	418314	12.399	2.534
65	.06703	.28703	26517	7611	113546	267434	10.085	2.499
70	.09292	.37521	18906	7094	76343	153889	8.140	2.436
75	.12505	.47003	11812	5552	44400	77546	6.565	2.359
80	.16517	.56957	6260	3566	21587	33146	5.295	2.276
85	.23312	******	2695	2695	11559	11559	4.290	4.290

AGE	M(X)	Q(X)	I(X)	D(X)	L(X)	T(X)	E(X)	A(X)
0	.21729	.18968	100000	18968	87292	4200000	42.000	0.330
1	.01706	.06528	81032	5290	310120	4112709	50.754	1.352
5	.00385	.01905	75742	1443	375103	3802588	50.204	2.500
10	.00291	.01446	74299	1075	368810	3427485	46.131	2.500
15	.00485	.02400	73225	1758	362053	3058675	41.771	2.684
20	.00739	.03631	71467	2595	351151	2696622	37.732	2.617
25	.00915	.04477	68872	3083	336887	2345471	34.055	2.576
30	.01165	.05663	65789	3725	319869	2008584	30.531	2.564
35	.01395	.06745	62064	4186	300070	1688716	27.209	2.552
40	.01719	.08247	57877	4773	277696	1388646	23.993	2.551
45	.02113	.10045	53104	5334	252427	1110950	20.920	2.545
50	.02639	.12393	47770	5920	224328	858523	17.972	2.547
55	.03448	.15897	41850	6653	192935	634195	15.154	2.548
60	.04686	.21004	35197	7393	157777	441259	12.537	2.537
65	.06579	.28252	27804	7855	119400	283483	10.196	2.502
70	.09140	.37036	19949	7388	80835	164082	8.225	2.440
75	.12331	.46532	12561	5845	47398	83247	6.627	2.364
80	.16339	.56563	6716	3799	23250	35849	5.338	2.281
85	.23155	******	2917	2917	12599	12599	4.319	4.319

AGE	M(X)	Q(X)	I(X)	D(X)	L(X)	T(X)	E(X)	A(X)
0	.20870	.18310	100000	18310	87732	4300000	43.000	0.330
1	.01599	.06136	81690	5013	313487	4212268	51.564	1.352
5	.00362	.01793	76677	1375	379949	3898781	50.847	2.500
10	.00276	.01369	75302	1031	373934	3518832	46.730	2.500
15	.00461	.02279	74271	1693	367438	3144899	42.343	2.685
20	.00702	.03451	72579	2505	356926	2777460	38.268	2.618
25	.00871	.04263	70074	2987	343131	2420534	34.543	2.577
30	.01108	.05395	67087	3619	326623	2077403	30.966	2.566
35	.01332	.06451	63468	4094	307328	1750781	27.585	2.555
40	.01649	.07925	59373	4706	285359	1443453	24.311	2.554
45	.02038	.09706	54668	5306	260335	1158094	21.184	2.549
50	.02560	.12043	49362	5945	232251	897759	18.187	2.551
55	.03362	.15530	43417	6743	200577	665508	15.328	2.551
60	.04586	.20605	36675	7557	164787	464931	12.677	2.540
65	.06455	.27799	29118	8095	125400	300144	10.308	2.506
70	.08988	.36547	21023	7683	85483	174744	8.312	2.445
75	.12158	.46056	13340	6144	50535	89261	6.691	2.369
80	.16160	.56162	7196	4041	25010	38727	5.382	2.286
85	.22998	******	3155	3155	13717	13717	4.348	4.348

AGE	M(X)	Q(X)	I(X)	D(X)	L(X)	T(X)	E(X)	A(X)
0	.20032	.17661	100000	17661	88167	4400000	44.000	0.330
1	.01498	.05762	82339	4744	316792	4311833	52.367	1.352
5	.00340	.01687	77594	1309	384698	3995042	51.486	2.500
10	.00261	.01294	76285	987	378957	3610344	47.327	2.500
15	.00437	.02163	75298	1628	372721	3231387	42.915	2.686
20	.00666	.03278	73669	2415	362596	2858666	38.804	2.619
25	.00827	.04056	71254	2890	349272	2496070	35.031	2.578
30	.01053	.05135	68364	3511	333281	2146798	31.402	2.568
35	.01271	.06165	64853	3998	314504	1813517	27.963	2.558
40	.01581	.07611	60855	4632	292965	1499013	24.632	2.558
45	.01965	.09373	56224	5270	268222	1206049	21.451	2.553
50	.02481	.11697	50954	5960	240195	937826	18.405	2.555
55	.03276	.15165	44994	6823	208286	697631	15.505	2.555
60	.04487	.20206	38170	7713	171908	489345	12.820	2.544
65	.06332	.27346	30458	8329	131543	317437	10.422	2.509
70	.08837	.36056	22129	7979	90289	185893	8.401	2.449
75	.11984	.45575	14150	6449	53814	95604	6.756	2.374
80	.15979	.55756	7701	4294	26872	41790	5.426	2.291
85	.22840	******	3407	3407	14918	14918	4.378	4.378

AGE	M(X)	Q(X)	I(X)	D(X)	L(X)	T(X)	E(X)	A(X)
0	.19214	.17022	100000	17022	88595	4500001	45.000	0.330
1	.01401	.05404	82978	4484	320036	4411406	53.164	1.352
5	.00320	.01586	78493	1245	389354	4091370	52.124	2.500
10	.00246	.01223	77248	945	383880	3702015	47.924	2.500
15	.00414	.02050	76304	1565	377901	3318135	43.486	2.688
20	.00632	.03111	74739	2325	368162	2940234	39.340	2.620
25	.00786	.03856	72414	2792	355310	2572072	35.519	2.579
30	.01001	.04884	69621	3401	339842	2216763	31.840	2.569
35	.01212	.05887	66221	3898	321596	1876921	28.343	2.561
40	.01515	.07304	62322	4552	300510	1555325	24.956	2.561
45	.01893	.09046	57770	5226	276083	1254814	21.721	2.557
50	.02404	.11355	52544	5967	248156	978731	18.627	2.559
55	.03191	.14802	46578	6894	216059	730575	15.685	2.559
60	.04388	.19808	39683	7861	179137	514516	12.966	2.547
65	.06208	.26890	31823	8557	137831	335380	10.539	2.513
70	.08685	.35560	23266	8273	95256	197548	8.491	2.453
75	.11809	.45088	14992	6760	57242	102292	6.823	2.379
80	.15798	.55344	8233	4556	28841	45050	5.472	2.296
85	.22680	******	3676	3676	16210	16210	4.409	4.409

AGE	M(X)	Q(X)	I(X)	D(X)	L(X)	T(X)	E(X)	A(X)
0	.18415	.16393	100000	16393	89017	4600001	46.000	0.330
1	.01309	.05062	83607	4233	323221	4510984	53.955	1.352
5	.00300	.01489	79375	1182	393918	4187763	52.759	2.500
10	.00232	.01154	78192	903	388706	3793846	48.519	2.500
15	.00392	.01942	77290	1501	382980	3405140	44.057	2.689
20	.00598	.02950	75789	2236	373625	3022160	39.876	2.622
25	.00746	.03663	73552	2694	361244	2648535	36.009	2.581
30	.00950	.04642	70858	3289	346304	2287291	32.280	2.571
35	.01155	.05617	67569	3795	328602	1940987	28.726	2.564
40	.01450	.07005	63774	4467	307992	1612385	25.283	2.565
45	.01822	.08724	59307	5174	283913	1304394	21.994	2.561
50	.02329	.11018	54133	5964	256128	1020480	18.851	2.563
55	.03107	.14441	48169	6956	223889	764352	15.868	2.563
60	.04290	.19410	41213	7999	186470	540463	13.114	2.551
65	.06086	.26433	33213	8779	144263	353993	10.658	2.516
70	.08534	.35060	24434	8567	100387	209730	8.584	2.457
75	.11634	.44594	15867	7076	60823	109343	6.891	2.384
80	.15615	.54924	8792	4829	30923	48520	5.519	2.301
85	.22520	******	3963	3963	17597	17597	4.440	4.440

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AGE	M(X)	Q(X)	I(X)	D(X)	L(X)	T(X)	E(X)	A(X)
0	.17636	.15772	100000	15772	89433	4700002	47.000	0.330
1	.01222	.04736	84228	3989	326347	4610569	54.739	1.352
5	.00281	.01397	80238	1121	398390	4284222	53.394	2.500
10	.00219	.01089	79118	861	393434	3885832	49.115	2.500
15	.00371	.01838	78256	1438	387959	3492398	44.628	2.690
20	.00567	.02795	76818	2147	378984	3104439	40.413	2.623
25	.00707	.03476	74671	2596	367076	2725455	36.500	2.582
30	.00901	.04407	72075	3176	352666	2358379	32.721	2.573
35	.01100	.05355	68899	3689	335518	2005713	29.111	2.567
40	.01388	.06712	65210	4377	315405	1670194	25.613	2.568
45	.01753	.08408	60833	5115	291707	1354790	22.271	2.565
50	.02254	.10683	55718	5952	264105	1063082	19.080	2.567
55	.03024	.14082	49766	7008	231773	798977	16.055	2.566
60	.04192	.19012	42758	8129	193906	567205	13.266	2.554
65	.05963	.25973	34629	8994	150838	373299	10.780	2.520
70	.08382	.34555	25634	8858	105685	222460	8.678	2.461
75	.11457	.44094	16776	7397	64563	116775	6.961	2.388
80	.15431	.54497	9379	5111	33124	52212	5.567	2.306
85	.22358	******	4268	4268	19088	19088	4.473	4.473

AGE	M(X)	Q(X)	I(X)	D(X)	L(X)	T(X)	E(X)	A(X)
0	.16875	.15161	100000	15161	89842	4800003	48.000	0.330
1	.01140	.04425	84839	3754	329416	4710161	55.519	1.352
5	.00264	.01309	81085	1061	402772	4380745	54.027	2.500
10	.00206	.01026	80024	821	398067	3977973	49.710	2.500
15	.00350	.01738	79203	1376	392838	3579906	45.199	2.692
20	.00536	.02645	77827	2059	384241	3187068	40.951	2.624
25	.00670	.03296	75768	2497	372804	2802827	36.992	2.583
30	.00853	.04179	73271	3062	358928	2430023	33.165	2.575
35	.01046	.05100	70209	3580	342343	2071095	29.499	2.570
40	.01326	.06425	66628	4281	322746	1728752	25.946	2.572
45	.01686	.08097	62347	5048	299460	1406007	22.551	2.568
50	.02180	.10352	57299	5932	272083	1106547	19.312	2.571
55	.02941	.13724	51367	7050	239705	834464	16.245	2.570
60	.04095	.18613	44317	8249	201440	594759	13.420	2.558
65	.05840	.25511	36068	9201	157557	393319	10.905	2.524
70	.08229	.34046	26867	9147	111154	235762	8.775	2.466
75	.11280	.43586	17720	7723	68468	124609	7.032	2.393
80	.15245	.54062	9997	5404	35450	56140	5.616	2.311
85	.22195	******	4592	4592	20690	20690	4.506	4.506

AGE	M(X)	Q(X)	I(X)	D(X)	L(X)	T(X)	E(X)	A(X)
0	.16132	.14558	100000	14558	90246	4900005	49.000	0.330
1	.01061	.04128	85442	3527	332427	4809759	56.293	1.352
5	.00246	.01225	81915	1003	407065	4477332	54.658	2.500
10	.00194	.00965	80911	781	402605	4070266	50.305	2.500
15	.00331	.01641	80131	1315	397619	3667662	45.771	2.693
20	.00506	.02501	78815	1971	389396	3270043	41.490	2.625
25	.00634	.03121	76844	2398	378427	2880648	37.487	2.584
30	.00807	.03959	74446	2948	365087	2502220	33.611	2.577
35	.00994	.04852	71498	3469	349073	2137133	29.891	2.573
40	.01267	.06146	68029	4181	330010	1788060	26.284	2.575
45	.01620	.07791	63849	4975	307166	1458050	22.836	2.572
50	.02107	.10025	58874	5902	280055	1150883	19.548	2.574
55	.02859	.13368	52972	7081	247680	870829	16.439	2.574
60	.03998	.18214	45891	8359	209069	623148	13.579	2.561
65	.05717	.25046	37532	9400	164418	414079	11.033	2.527
70	.08076	.33530	28132	9433	116795	249661	8.875	2.470
75	.11102	.43070	18699	8054	72545	132866	7.105	2.398
80	.15057	.53618	10646	5708	37908	60321	5.666	2.316
85	.22030	******	4938	4938	22413	22413	4.539	4.539

AGE	M(X)	Q(X)	I(X)	D(X)	L(X)	T(X)	E(X)	A(X)
0	.15406	.13964	100000	13964	90644	5000007	50.000	0.330
1	.00986	.03845	86036	3308	335382	4909363	57.062	1.352
5	.00230	.01145	82727	947	411270	4573981	55.290	2.500
10	.00182	.00907	81781	742	407048	4162711	50.901	2.500
15	.00312	.01548	81039	1255	402301	3755663	46.344	2.694
20	.00478	.02361	79784	1884	394448	3353362	42.030	2.626
25	.00599	.02952	77900	2300	383946	2958914	37.983	2.585
30	.00763	.03747	75600	2832	371143	2574968	34.060	2.579
35	.00943	.04611	72768	3355	355706	2203825	30.286	2.576
40	.01209	.05872	69413	4076	337195	1848119	26.625	2.579
45	.01555	.07490	65337	4894	314821	1510924	23.125	2.576
50	.02036	.09700	60443	5863	288016	1196103	19.789	2.579
55	.02778	.13012	54580	7102	255694	908088	16.638	2.578
60	.03901	.17814	47478	8458	216790	652394	13.741	2.565
65	.05595	.24578	39020	9590	171422	435604	11.164	2.531
70	.07923	.33009	29430	9714	122613	264182	8.977	2.474
75	.10922	.42546	19715	8388	76798	141569	7.181	2.404
80	.14868	.53165	11327	6022	40506	64771	5.718	2.321
85	.21863	******	5305	5305	24265	24265	4.574	4.574

AGE	M(X)	Q(X)	I(X)	D(X)	L(X)	T(X)	E(X)	A(X)
0	.14697	.13380	100000	13380	91036	5100000	51.000	0.330
1	.00916	.03575	86620	3097	338281	5008964	57.827	1.352
5	.00215	.01068	83523	892	415386	4670684	55.921	2.500
10	.00171	.00851	82631	703	411398	4255297	51.497	2.500
15	.00294	.01459	81928	1195	406885	3843900	46.918	2.696
20	.00450	.02227	80733	1798	399398	3437015	42.573	2.627
25	.00566	.02789	78935	2202	389360	3037617	38.483	2.586
30	.00720	.03541	76733	2717	377092	2648257	34.513	2.580
35	.00894	.04377	74016	3239	362239	2271165	30.685	2.579
40	.01152	.05605	70777	3967	344294	1908927	26.971	2.582
45	.01491	.07195	66810	4807	322418	1564633	23.419	2.580
50	.01965	.09379	62003	5815	295958	1242215	20.035	2.583
55	.02697	.12658	56188	7112	263739	946257	16.841	2.581
60	.03805	.17413	49076	8545	224598	682517	13.907	2.568
65	.05471	.24106	40530	9770	178566	457919	11.298	2.535
70	.07769	.32481	30760	9991	128610	279353	9.082	2.479
75	.10741	.42012	20769	8726	81235	150742	7.258	2.409
80	.14676	.52702	12044	6347	43250	69507	5.771	2.327
85	.21695	******	5696	5696	26257	26257	4.609	4.609

AGE	M(X)	Q(X)	I(X)	D(X)	L(X)	T(X)	E(X)	A(X)
0	.14005	.12803	100000	12803	91422	5200000	52.000	0.330
1	.00848	.03319	87197	2894	341123	5108578	58.587	1.352
5	.00200	.00995	84303	839	419416	4767455	56.552	2.500
10	.00160	.00798	83464	666	415654	4348039	52.095	2.500
15	.00276	.01372	82798	1136	411372	3932385	47.494	2.697
20	.00424	.02097	81662	1713	404246	3521013	43.117	2.628
25	.00533	.02632	79949	2104	394668	3116767	38.984	2.587
30	.00679	.03342	77845	2601	382934	2722100	34.968	2.582
35	.00847	.04149	75243	3122	368669	2339165	31.088	2.582
40	.01097	.05343	72121	3854	351304	1970496	27.322	2.586
45	.01428	.06903	68268	4713	329953	1619192	23.718	2.584
50	.01895	.09060	63555	5758	303878	1289239	20.285	2.587
55	.02616	.12304	57797	7112	271812	985360	17.049	2.585
60	.03708	.17010	50685	8622	232491	713548	14.078	2.572
65	.05348	.23630	42064	9940	185852	481057	11.436	2.538
70	.07613	.31946	32124	10262	134791	295206	9.190	2.483
75	.10558	.41469	21862	9066	85864	160415	7.338	2.414
80	.14481	.52229	12796	6683	46150	74550	5.826	2.332
85	.21524	******	6113	6113	28400	28400	4.646	4.646

AGE	M(X)	Q(X)	I(X)	D(X)	L(X)	T(X)	E(X)	A(X)
0	.13329	.12236	100000	12236	91802	5300000	53.000	0.330
1	.00785	.03075	87764	2699	343910	5208198	59.343	1.352
5	.00186	.00926	85065	787	423359	4864288	57.183	2.500
10	.00150	.00747	84278	629	419817	4440929	52.694	2.500
15	.00259	.01289	83649	1078	415761	4021112	48.071	2.698
20	.00398	.01972	82570	1628	408991	3605350	43.664	2.629
25	.00502	.02480	80942	2007	399869	3196359	39.490	2.588
30	.00640	.03149	78935	2486	388668	2796490	35.428	2.584
35	.00801	.03928	76449	3003	374993	2407822	31.496	2.585
40	.01043	.05088	73446	3737	358222	2032829	27.678	2.590
45	.01367	.06617	69709	4612	337421	1674607	24.023	2.588
50	.01826	.08744	65097	5692	311769	1337186	20.542	2.591
55	.02536	.11952	59404	7100	279906	1025417	17.262	2.589
60	.03612	.16606	52305	8686	240463	745511	14.253	2.575
65	.05225	.23150	43619	10098	193277	505048	11.579	2.542
70	.07457	.31403	33521	10527	141158	311772	9.301	2.488
75	.10374	.40916	22994	9408	90692	170614	7.420	2.419
80	.14284	.51744	13586	7030	49215	79922	5.883	2.338
85	.21350	******	6556	6556	30707	30707	4.684	4.684

AGE	M(X)	Q(X)	I(X)	D(X)	L(X)	T(X)	E(X)	A(X)
0	.12669	.11677	100000	11677	92176	5400000	54.000	0.330
1	.00724	.02843	88323	2511	346642	5307824	60.096	1.352
5	.00173	.00859	85812	737	427215	4961182	57.815	2.500
10	.00140	.00698	85074	594	423888	4533967	53.294	2.500
15	.00243	.01209	84481	1022	420054	4110079	48.651	2.699
20	.00374	.01852	83459	1545	413633	3690026	44.214	2.630
25	.00472	.02333	81914	1911	404962	3276392	39.998	2.589
30	.00601	.02963	80003	2371	394291	2871430	35.892	2.586
35	.00756	.03714	77632	2883	381208	2477139	31.909	2.588
40	.00991	.04838	74749	3617	365042	2095931	28.039	2.593
45	.01307	.06334	71133	4506	344814	1730888	24.333	2.592
50	.01758	.08431	66627	5617	319624	1386074	20.804	2.595
55	.02457	.11599	61009	7077	288015	1066451	17.480	2.593
60	.03516	.16200	53933	8737	248511	778436	14.433	2.579
65	.05101	.22666	45196	10244	200840	529925	11.725	2.546
70	.07300	.30853	34952	10784	147714	329085	9.415	2.492
75	.10188	.40351	24168	9752	95725	181371	7.505	2.425
80	.14084	.51247	14416	7388	52454	85646	5.941	2.343
85	.21174	******	7028	7028	33192	33192	4.723	4.723

AGE	M(X)	Q(X)	I(X)	D(X)	L(X)	T(X)	E(X)	A(X)
0	.12024	.11128	100000	11128	92544	5500000	55.000	0.330
1	.00667	.02623	88872	2331	349317	5407456	60.845	1.352
5	.00160	.00796	86542	689	430985	5058138	58.448	2.500
10	.00131	.00651	85852	559	427866	4627153	53.897	2.500
15	.00228	.01132	85294	966	424248	4199288	49.233	2.701
20	.00350	.01736	84328	1464	418172	3775040	44.766	2.631
25	.00443	.02191	82864	1815	409947	3356867	40.510	2.590
30	.00564	.02784	81049	2256	399801	2946921	36.360	2.588
35	.00713	.03505	78793	2762	387311	2547119	32.327	2.591
40	.00940	.04594	76031	3493	371760	2159808	28.407	2.597
45	.01248	.06057	72538	4393	352128	1788048	24.650	2.596
50	.01690	.08121	68144	5534	327435	1435920	21.072	2.599
55	.02378	.11247	62610	7042	296132	1108484	17.704	2.597
60	.03419	.15792	55568	8775	256629	812353	14.619	2.583
65	.04976	.22177	46793	10377	208540	555724	11.876	2.550
70	.07142	.30294	36416	11032	154463	347184	9.534	2.497
75	.09999	.39775	25384	10097	100974	192721	7.592	2.430
80	.13881	.50738	15288	7757	55877	91747	6.001	2.349
85	.20996	******	7531	7531	35870	35870	4.763	4.763

AGE	M(X)	Q(X)	I(X)	D(X)	L(X)	T(X)	E(X)	A(X)
0	.11395	.10587	100000	10587	92907	5600000	56.000	0.330
1	.00613	.02414	89413	2158	351937	5507093	61.592	1.352
5	.00148	.00736	87255	642	434668	5155156	59.082	2.500
10	.00122	.00606	86612	525	431750	4720488	54.501	2.500
15	.00213	.01058	86088	911	428345	4288738	49.818	2.702
20	.00327	.01624	85176	1383	422607	3860393	45.322	2.632
25	.00415	.02054	83793	1721	414821	3437786	41.027	2.591
30	.00529	.02610	82072	2142	405197	3022965	36.833	2.589
35	.00671	.03303	79930	2640	393299	2617768	32.751	2.594
40	.00890	.04356	77290	3367	378371	2224469	28.781	2.601
45	.01190	.05784	73923	4275	359356	1846098	24.973	2.600
50	.01623	.07813	69648	5441	335197	1486742	21.347	2.603
55	.02299	.10896	64206	6996	304250	1151544	17.935	2.601
60	.03323	.15381	57210	8800	264812	847294	14.810	2.586
65	.04851	.21682	48411	10496	216375	582482	12.032	2.554
70	.06983	.29726	37914	11271	161408	366107	9.656	2.501
75	.09808	.39186	26644	10441	106445	204698	7.683	2.436
80	.13675	.50214	16203	8136	59496	98253	6.064	2.355
85	.20814	******	8067	8067	38757	38757	4.805	4.805

AGE	M(X)	Q(X)	I(X)	D(X)	L(X)	T(X)	E(X)	A(X)
0	.10782	.10055	100000	10055	93263	5700000	57.000	0.330
1	.00562	.02216	89945	1993	354501	5606737	62.335	1.352
5	.00136	.00679	87952	597	438264	5252236	59.717	2.500
10	.00113	.00563	87354	492	435542	4813972	55.109	2.500
15	.00198	.00987	86863	858	432343	4378430	50.406	2.703
20	.00306	.01517	86005	1304	426937	3946087	45.882	2.633
25	.00388	.01922	84701	1628	419583	3519150	41.548	2.592
30	.00494	.02443	83073	2029	410475	3099567	37.311	2.591
35	.00631	.03107	81043	2518	399168	2689092	33.181	2.598
40	.00841	.04124	78525	3238	384871	2289924	29.162	2.604
45	.01133	.05515	75287	4152	366492	1905053	25.304	2.605
50	.01557	.07507	71136	5340	342902	1538561	21.629	2.608
55	.02221	.10544	65795	6938	312363	1195659	18.172	2.605
60	.03227	.14969	58857	8810	273055	883296	15.007	2.590
65	.04725	.21182	50047	10601	224344	610241	12.193	2.558
70	.06822	.29149	39446	11498	168553	385897	9.783	2.506
75	.09615	.38584	27948	10783	112149	217344	7.777	2.441
80	.13465	.49676	17164	8527	63322	105195	6.129	2.361
85	.20629	******	8638	8638	41873	41873	4.848	4.848

AGE	M(X)	Q(X)	I(X)	D(X)	L(X)	T(X)	E(X)	A(X)
0	.10197	.09532	100000	9532	93485	5800000	58.000	0.317
1	.00514	.02029	90468	1835	357036	5706515	63.078	1.366
5	.00125	.00625	88632	554	441777	5349478	60.356	2.500
10	.00105	.00522	88078	459	439243	4907702	55.720	2.500
15	.00185	.00919	87619	805	436246	4468459	50.999	2.705
20	.00285	.01413	86814	1227	431166	4032213	46.447	2.634
25	.00362	.01794	85587	1536	424237	3601047	42.075	2.593
30	.00461	.02281	84051	1917	415639	3176810	37.796	2.593
35	.00592	.02917	82134	2395	404920	2761171	33.618	2.601
40	.00794	.03896	79738	3107	391260	2356250	29.550	2.608
45	.01077	.05250	76631	4023	373537	1964991	25.642	2.609
50	.01492	.07204	72608	5231	350550	1591454	21.918	2.612
55	.02143	.10193	67377	6868	320470	1240904	18.417	2.610
60	.03130	.14553	60510	8806	281360	920433	15.211	2.594
65	.04599	.20675	51704	10690	232451	639073	12.360	2.561
70	.06659	.28561	41014	11714	175908	406622	9.914	2.511
75	.09419	.37967	29300	11124	118100	230714	7.874	2.447
80	.13252	.49121	18175	8928	67373	112615	6.196	2.367
85	.20440	******	9248	9248	45242	45242	4.892	4.892

AGE	M(X)	Q(X)	I(X)	D(X)	L(X)	T(X)	E(X)	A(X)
0	.09625	.09019	100000	9019	93703	5900000	59.000	0.302
1	.00469	.01852	90981	1685	359513	5806297	63.819	1.381
5	.00115	.00574	89296	512	445201	5446784	60.997	2.500
10	.00097	.00482	88784	428	442850	5001582	56.334	2.500
15	.00171	.00854	88356	754	440049	4558732	51.595	2.706
20	.00264	.01314	87602	1151	435287	4118683	47.016	2.635
25	.00337	.01672	86451	1445	428776	3683397	42.607	2.594
30	.00430	.02126	85005	1807	420681	3254621	38.287	2.594
35	.00554	.02732	83198	2273	410546	2833940	34.062	2.604
40	.00748	.03674	80925	2974	397526	2423394	29.946	2.612
45	.01022	.04990	77952	3890	380475	2025868	25.989	2.613
50	.01428	.06903	74062	5113	358125	1645392	22.216	2.617
55	.02065	.09841	68949	6785	328556	1287267	18.670	2.614
60	.03033	.14134	62164	8786	289712	958711	15.422	2.598
65	.04472	.20163	53377	10762	240686	668998	12.533	2.565
70	.06495	.27963	42615	11916	183469	428312	10.051	2.515
75	.09221	.37335	30699	11461	124302	244843	7.976	2.453
80	.13034	.48549	19237	9340	71657	120541	6.266	2.374
85	.20248	******	9898	9898	48884	48884	4.939	4.939

AGE	M(X)	Q(X)	I(X)	D(X)	L(X)	T(X)	E(X)	A(X)
0	.09065	.08515	100000	8515	93932	6000000	60.000	0.287
1	.00426	.01685	91485	1542	361927	5906068	64.558	1.396
5	.00105	.00525	89944	472	448537	5544141	61.640	2.500
10	.00089	.00445	89471	398	446361	5095604	56.952	2.500
15	.00159	.00791	89073	705	443751	4649243	52.196	2.707
20	.00245	.01218	88369	1077	439298	4205493	47.590	2.636
25	.00313	.01554	87292	1356	433198	3766194	43.145	2.595
30	.00399	.01976	85936	1698	425596	3332996	38.785	2.596
35	.00517	.02554	84238	2151	416040	2907400	34.514	2.607
40	.00703	.03458	82086	2839	403664	2491360	30.350	2.616
45	.00969	.04734	79247	3752	387300	2087696	26.344	2.618
50	.01364	.06605	75496	4986	365619	1700395	22.523	2.621
55	.01988	.09490	70509	6691	336611	1334777	18.930	2.618
60	.02936	.13713	63818	8751	298103	998165	15.641	2.602
65	.04343	.19643	55067	10817	249045	700062	12.713	2.570
70	.06329	.27353	44250	12104	191238	451017	10.192	2.520
75	.09019	.36687	32147	11794	130765	259779	8.081	2.459
80	.12811	.47959	20353	9761	76190	129014	6.339	2.380
85	.20051	******	10592	10592	52824	52824	4.987	4.987

AGE	M(X)	Q(X)	I(X)	D(X)	L(X)	T(X)	E(X)	A(X)
0	.08517	.08021	100000	8021	94170	6100000	61.000	0.273
1	.00386	.01528	91979	1406	364278	6005830	65.295	1.411
5	.00096	.00479	90574	434	451782	5641552	62.287	2.500
10	.00082	.00409	90139	369	449775	5189770	57.575	2.500
15	.00147	.00731	89771	656	447350	4739994	52.801	2.709
20	.00227	.01127	89115	1004	443200	4292645	48.170	2.637
25	.00290	.01440	88110	1269	437500	3849445	43.689	2.596
30	.00370	.01832	86841	1591	430383	3411945	39.290	2.598
35	.00482	.02381	85250	2030	421400	2981562	34.974	2.611
40	.00660	.03248	83220	2703	409668	2560162	30.764	2.620
45	.00916	.04483	80517	3609	394005	2150494	26.709	2.622
50	.01301	.06309	76908	4852	373021	1756490	22.839	2.626
55	.01911	.09138	72056	6584	344626	1383469	19.200	2.623
60	.02838	.13288	65471	8700	306526	1038843	15.867	2.606
65	.04214	.19117	56771	10853	257523	732318	12.899	2.574
70	.06161	.26731	45918	12274	199217	474794	10.340	2.525
75	.08814	.36023	33644	12119	137499	275577	8.191	2.465
80	.12584	.47350	21525	10192	80988	138078	6.415	2.387
85	.19850	******	11333	11333	57091	57091	5.038	5.038

AGE	M(X)	Q(X)	I(X)	D(X)	L(X)	T(X)	E(X)	A(X)
0	.07982	.07537	100000	7537	94417	6200010	62.000	0.259
1	.00348	.01381	92463	1277	366566	6105593	66.033	1.426
5	.00087	.00436	91186	397	454937	5739027	62.937	2.500
10	.00075	.00375	90789	341	453092	5284090	58.202	2.500
15	.00135	.00673	90448	609	450846	4830998	53.412	2.710
20	.00209	.01040	89839	934	446989	4380153	48.756	2.638
25	.00268	.01332	88905	1184	441680	3933163	44.240	2.597
30	.00342	.01694	87721	1486	435039	3491483	39.802	2.600
35	.00448	.02215	86235	1910	426620	3056444	35.443	2.614
40	.00617	.03043	84326	2566	415532	2629824	31.187	2.624
45	.00865	.04236	81760	3463	400580	2214292	27.083	2.627
50	.01238	.06016	78297	4710	380324	1813712	23.165	2.631
55	.01834	.08786	73586	6465	352591	1433388	19.479	2.627
60	.02741	.12860	67121	8632	314972	1080797	16.102	2.610
65	.04084	.18584	58489	10869	266117	765825	13.094	2.578
70	.05992	.26096	47620	12427	207409	499708	10.494	2.530
75	.08606	.35340	35193	12437	144515	292299	8.306	2.471
80	.12353	.46720	22756	10631	86066	147784	6.494	2.393
85	.19645	******	12124	12124	61717	61717	5.090	5.090

AGE	M(X)	Q(X)	I(X)	D(X)	L(X)	T(X)	E(X)	A(X)
0	.07461	.07063	100000	7063	94671	6300005	63.000	0.246
1	.00313	.01243	92937	1156	368789	6205334	66.769	1.440
5	.00079	.00395	91781	363	457999	5836545	63.592	2.500
10	.00069	.00343	91419	314	456309	5378546	58.834	2.500
15	.00124	.00619	91105	564	454236	4922237	54.028	2.712
20	.00192	.00956	90541	865	450664	4468001	49.348	2.639
25	.00247	.01227	89676	1101	445736	4017337	44.798	2.598
30	.00315	.01561	88575	1383	439559	3571601	40.323	2.601
35	.00415	.02054	87192	1791	431695	3132042	35.921	2.618
40	.00576	.02844	85402	2428	421249	2700347	31.619	2.628
45	.00814	.03993	82973	3313	407019	2279098	27.468	2.632
50	.01177	.05725	79660	4561	387516	1872079	23.501	2.636
55	.01757	.08434	75099	6334	360495	1484563	19.768	2.632
60	.02643	.12429	68765	8547	323430	1124068	16.347	2.614
65	.03953	.18043	60218	10865	274820	800638	13.296	2.582
70	.05820	.25449	49353	12560	215813	525818	10.654	2.536
75	.08394	.34638	36793	12744	151823	310005	8.426	2.478
80	.12115	.46067	24049	11079	91444	158182	6.577	2.400
85	.19435	******	12970	12970	66738	66738	5.145	5.145

AGE	M(X)	Q(X)	I(X)	D(X)	L(X)	T(X)	E(X)	A(X)
0	.06953	.06601	100000	6601	94932	6400002	64.000	0.232
1	.00281	.01115	93399	1041	370947	6305070	67.507	1.454
5	.00071	.00357	92358	329	460968	5934123	64.251	2.500
10	.00063	.00312	92029	287	459426	5473155	59.472	2.500
15	.00114	.00566	91741	520	457519	5013730	54.651	2.713
20	.00176	.00876	91222	799	454224	4556211	49.946	2.640
25	.00227	.01128	90423	1020	449665	4101987	45.365	2.599
30	.00289	.01435	89403	1283	443941	3652323	40.852	2.603
35	.00383	.01899	88120	1673	436622	3208381	36.409	2.621
40	.00537	.02650	86447	2291	426813	2771760	32.063	2.633
45	.00765	.03756	84156	3161	413312	2344947	27.864	2.637
50	.01116	.05437	80996	4404	394588	1931635	23.849	2.641
55	.01681	.08082	76592	6191	368328	1537046	20.068	2.637
60	.02544	.11994	70401	8444	331892	1168719	16.601	2.618
65	.03821	.17494	61957	10838	283625	836826	13.507	2.586
70	.05646	.24788	51118	12671	224433	553201	10.822	2.541
75	.08179	.33916	38447	13040	159435	328768	8.551	2.484
80	.11872	.45391	25408	11533	97140	169333	6.665	2.408
85	.19219	******	13875	13875	72194	72194	5.203	5.203

AGE	M(X)	Q(X)	I(X)	D(X)	L(X)	T(X)	E(X)	A(X)
0	.06460	.06150	100000	6150	95199	6500001	65.000	0.219
1	.00250	.00994	93850	933	373039	6404802	68.245	1.468
5	.00064	.00321	92917	298	463841	6031763	64.915	2.500
10	.00057	.00283	92619	262	462440	5567922	60.116	2.500
15	.00104	.00517	92357	477	460693	5105482	55.280	2.715
20	.00161	.00800	91880	735	457665	4644788	50.553	2.641
25	.00208	.01032	91145	941	453464	4187124	45.939	2.599
30	.00264	.01313	90204	1185	448181	3733659	41.391	2.605
35	.00353	.01750	89019	1558	441395	3285479	36.908	2.625
40	.00498	.02462	87461	2153	432218	2844084	32.518	2.637
45	.00717	.03523	85308	3005	419452	2411866	28.272	2.642
50	.01056	.05152	82303	4241	401530	1992414	24.208	2.646
55	.01605	.07731	78062	6035	376077	1590884	20.380	2.642
60	.02446	.11556	72027	8323	340347	1214807	16.866	2.622
65	.03688	.16936	63704	10789	292526	874460	13.727	2.591
70	.05470	.24112	52915	12759	233267	581934	10.998	2.546
75	.07959	.33172	40156	13321	167361	348666	8.683	2.491
80	.11624	.44689	26835	11993	103175	181305	6.756	2.415
85	.18997	******	14843	14843	78130	78130	5.264	5.264

AGE	M(X)	Q(X)	I(X)	D(X)	L(X)	T(X)	E(X)	A(X)
0	.05981	.05710	100000	5710	95470	6600000	66.000	0.207
1	.00222	.00883	94290	832	375063	6504530	68.984	1.481
5	.00057	.00287	93458	268	466618	6129467	65.586	2.500
10	.00051	.00256	93189	239	465351	5662849	60.767	2.500
15	.00094	.00469	92951	436	463757	5197499	55.917	2.716
20	.00146	.00728	92514	673	460985	4733741	51.168	2.642
25	.00189	.00942	91841	865	457131	4272756	46.523	2.600
30	.00241	.01198	90977	1090	452275	3815625	41.941	2.607
35	.00324	.01607	89887	1444	446009	3363350	37.418	2.628
40	.00461	.02280	88443	2017	437457	2917341	32.986	2.642
45	.00669	.03295	86426	2848	425428	2479884	28.694	2.647
50	.00997	.04870	83578	4071	408330	2054456	24.581	2.651
55	.01529	.07379	79508	5867	383730	1646126	20.704	2.646
60	.02347	.11114	73641	8184	348782	1262395	17.143	2.627
65	.03554	.16371	65457	10716	301515	913614	13.958	2.595
70	.05291	.23421	54741	12821	242316	612099	11.182	2.552
75	.07735	.32406	41920	13585	175614	369783	8.821	2.498
80	.11368	.43960	28335	12456	109571	194169	6.853	2.423
85	.18770	******	15879	15879	84598	84598	5.328	5.328

AGE	M(X)	Q(X)	I(X)	D(X)	L(X)	T(X)	E(X)	A(X)
0	.05517	.05282	100000	5282	95744	6700000	67.000	0.194
1	.00196	.00780	94718	738	377019	6604256	69.726	1.494
5	.00051	.00256	93979	240	469295	6227236	66.262	2.500
10	.00046	.00230	93739	216	468155	5757941	61.425	2.500
15	.00085	.00425	93523	397	466708	5289786	56.561	2.718
20	.00132	.00659	93126	614	464183	4823078	51.791	2.644
25	.00172	.00855	92512	791	460662	4358895	47.117	2.601
30	.00219	.01088	91721	998	456219	3898233	42.501	2.609
35	.00296	.01469	90723	1333	450459	3442014	37.940	2.632
40	.00425	.02104	89390	1881	442523	2991555	33.466	2.646
45	.00623	.03072	87509	2689	431232	2549032	29.129	2.652
50	.00938	.04592	84820	3895	414976	2117800	24.968	2.657
55	.01453	.07027	80926	5687	391274	1702824	21.042	2.652
60	.02247	.10668	75239	8027	357183	1311549	17.432	2.631
65	.03419	.15796	67213	10617	310580	954366	14.199	2.600
70	.05110	.22714	56595	12855	251577	643786	11.375	2.557
75	.07507	.31616	43740	13829	184202	392209	8.967	2.505
80	.11106	.43201	29911	12922	116351	208006	6.954	2.430
85	.18536	******	16989	16989	91655	91655	5.395	5.395

AGE	M(X)	Q(X)	I(X)	D(X)	L(X)	T(X)	E(X)	A(X)
0	.05069	.04868	100000	4868	96020	6800004	68.000	0.182
1	.00172	.00684	95132	651	378906	6703984	70.470	1.506
5	.00045	.00226	94481	214	471871	6325078	66.945	2.500
10	.00041	.00206	94267	194	470851	5853207	62.092	2.500
15	.00077	.00382	94073	360	469544	5382356	57.215	2.719
20	.00119	.00594	93713	557	467254	4912812	52.424	2.645
25	.00155	.00773	93156	720	464055	4445557	47.721	2.602
30	.00198	.00983	92436	909	460009	3981503	43.073	2.611
35	.00269	.01338	91527	1225	454740	3521494	38.475	2.636
40	.00390	.01934	90302	1747	447408	3066754	33.961	2.651
45	.00579	.02855	88555	2528	436855	2619346	29.579	2.658
50	.00881	.04316	86027	3713	421456	2182492	25.370	2.662
55	.01378	.06676	82314	5495	398695	1761036	21.394	2.657
60	.02147	.10219	76819	7850	365537	1362341	17.734	2.636
65	.03282	.15213	68969	10492	319712	996804	14.453	2.605
70	.04926	.21991	58477	12860	261047	677092	11.579	2.563
75	.07275	.30800	45617	14050	193138	416044	9.120	2.513
80	.10837	.42411	31567	13388	123541	222906	7.061	2.438
85	.18295	******	18179	18179	99365	99365	5.466	5.466

United Nations Model Life Tables — Males

Chilean Pattern

AGE	M(X)	Q(X)	I(X)	D(X)	L(X)	T(X)	E(X)	A(X)
0	.04638	.04466	100000	4466	96297	6900000	69.000	0.171
1	.00150	.00597	95534	570	380720	6803703	71.218	1.518
5	.00040	.00199	94963	189	474344	6422983	67.636	2.500
10	.00037	.00184	94774	174	473436	5948639	62.766	2.500
15	.00069	.00343	94600	324	472262	5475204	57.877	2.721
20	.00107	.00533	94276	503	470197	5002941	53.067	2.646
25	.00140	.00696	93774	652	467304	4532744	48.337	2.603
30	.00178	.00885	93121	824	463640	4065440	43.657	2.613
35	.00244	.01213	92297	1120	458845	3601801	39.024	2.640
40	.00357	.01771	91178	1614	452104	3142956	34.471	2.656
45	.00535	.02643	89563	2367	442284	2690852	30.044	2.663
50	.00824	.04044	87196	3526	427756	2248568	25.788	2.668
55	.01304	.06325	83669	5292	405975	1820812	21.762	2.662
60	.02047	.09766	78377	7654	373827	1414837	18.052	2.641
65	.03144	.14621	70723	10340	328895	1041010	14.720	2.609
70	.04740	.21251	60383	12832	270720	712115	11.793	2.569
75	.07037	.29958	47551	14245	202429	441395	9.283	2.520
80	.10560	.41586	33305	13850	131165	238966	7.175	2.447
85	.18047	******	19455	19455	107801	107801	5.541	5.541

AGE	M(X)	Q(X)	I(X)	D(X)	L(X)	T(X)	E(X)	A(X)
0	.04223	.04079	100000	4079	96573	7000000	70.000	0.160
1	.00130	.00517	95921	496	382460	6903427	71.970	1.530
5	.00035	.00174	95425	166	476710	6520967	68.336	2.500
10	.00033	.00162	95259	155	475908	6044256	63.451	2.500
15	.00061	.00305	95104	290	474859	5568349	58.550	2.723
20	.00095	.00475	94814	451	473008	5093490	53.721	2.647
25	.00125	.00622	94363	587	470408	4620482	48.965	2.604
30	.00159	.00792	93776	742	467108	4150074	44.255	2.615
35	.00220	.01094	93033	1018	462769	3682966	39.588	2.645
40	.00325	.01613	92015	1485	456604	3220198	34.996	2.661
45	.00493	.02437	90531	2206	447510	2763593	30.527	2.669
50	.00769	.03777	88324	3336	433863	2316083	26.223	2.674
55	.01229	.05976	84989	5079	413099	1882219	22.147	2.668
60	.01947	.09309	79910	7439	382036	1469120	18.385	2.646
65	.03005	.14020	72471	10160	338116	1087084	15.000	2.614
70	.04551	.20494	62311	12770	280590	748969	12.020	2.575
75	.06795	.29088	49541	14411	212084	468379	9.454	2.528
80	.10274	.40726	35130	14307	139249	256295	7.296	2.456
85	.17791	******	20823	20823	117046	117046	5.621	5.621

AGE	M(X)	Q(X)	I(X)	D(X)	L(X)	T(X)	E(X)	A(X)
0	.03826	.03706	100000	3706	96847	7100000	71.000	0.149
1	.00111	.00445	96294	428	384125	7003153	72.727	1.541
5	.00030	.00151	95866	145	478968	6619028	69.044	2.500
10	.00029	.00143	95721	137	478263	6140060	64.145	2.500
15	.00054	.00270	95584	258	477333	5661797	59.234	2.725
20	.00084	.00422	95326	402	475684	5184464	54.387	2.648
25	.00111	.00554	94924	526	473361	4708780	49.606	2.605
30	.00141	.00704	94398	665	470408	4235419	44.867	2.617
35	.00197	.00982	93734	920	466506	3765010	40.167	2.649
40	.00295	.01463	92814	1358	460901	3298504	35.539	2.667
45	.00452	.02237	91456	2046	452523	2837604	31.027	2.675
50	.00714	.03513	89410	3141	439763	2385081	26.676	2.681
55	.01156	.05627	86269	4855	420050	1945317	22.550	2.674
60	.01847	.08850	81414	7205	390143	1525267	18.735	2.651
65	.02865	.13409	74209	9951	347356	1135124	15.296	2.619
70	.04359	.19718	64258	12671	290646	787768	12.259	2.581
75	.06547	.28189	51588	14542	222109	497122	9.636	2.536
80	.09981	.39826	37046	14754	147821	275013	7.424	2.465
85	.17526	******	22292	22292	127192	127192	5.706	5.706

AGE	M(X)	Q(X)	I(X)	D(X)	L(X)	T(X)	E(X)	A(X)
0	.03447	.03348	100000	3348	97117	7199999	72.000	0.139
1	.00095	.00379	96652	366	385712	7102882	73.489	1.552
5	.00026	.00131	96286	126	481114	6717171	69.763	2.500
10	.00025	.00125	96160	120	480500	6236056	64.851	2.500
15	.00048	.00238	96040	228	479681	5755556	59.929	2.726
20	.00074	.00371	95812	356	478222	5275875	55.065	2.649
25	.00098	.00489	95456	467	476161	4797654	50.260	2.606
30	.00125	.00622	94989	591	473537	4321493	45.495	2.619
35	.00176	.00875	94398	826	470050	3847956	40.763	2.654
40	.00265	.01319	93572	1234	464985	3377906	36.100	2.672
45	.00413	.02044	92337	1887	457311	2912920	31.546	2.681
50	.00661	.03255	90450	2944	445441	2455609	27.149	2.687
55	.01083	.05281	87506	4621	426809	2010168	22.972	2.680
60	.01746	.08387	82885	6952	398130	1583359	19.103	2.656
65	.02724	.12790	75933	9712	356595	1185229	15.609	2.624
70	.04165	.18925	66221	12532	300875	828634	12.513	2.588
75	.06295	.27259	53689	14635	232508	527759	9.830	2.545
80	.09678	.38885	39054	15186	156909	295251	7.560	2.474
85	.17253	******	23868	23868	138342	138342	5.796	5.796

AGE	M(X)	Q(X)	I(X)	D(X)	L(X)	T(X)	E(X)	A(X)
0	.03087	.03006	100000	3006	97381	7299995	73.000	0.129
1	.00080	.00320	96994	311	387218	7202614	74.259	1.562
5	.00022	.00112	96683	108	483146	6815396	70.492	2.500
10	.00022	.00108	96575	104	482615	6332250	65.568	2.500
15	.00042	.00208	96471	200	481899	5849634	60.636	2.728
20	.00065	.00325	96270	313	480618	5367735	55.757	2.650
25	.00086	.00429	95958	412	478803	4887117	50.930	2.607
30	.00109	.00546	95546	522	476488	4408314	46.138	2.621
35	.00156	.00775	95024	737	473396	3931826	41.377	2.658
40	.00238	.01182	94288	1115	468850	3458429	36.680	2.678
45	.00375	.01857	93173	1731	461864	2989579	32.086	2.688
50	.00609	.03002	91442	2745	450882	2527715	27.643	2.694
55	.01010	.04936	88698	4378	433356	2076832	23.415	2.686
60	.01646	.07923	84319	6680	405971	1643476	19.491	2.661
65	.02581	.12163	77639	9443	365810	1237505	15.939	2.630
70	.03969	.18114	68196	12353	311261	871695	12.782	2.594
75	.06037	.26298	55843	14686	243281	560433	10.036	2.553
80	.09366	.37899	41157	15598	166538	317152	7.706	2.484
85	.16970	******	25559	25559	150615	150615	5.893	5.893

AGE	M(X)	Q(X)	I(X)	D(X)	L(X)	T(X)	E(X)	A(X)
0	.02746	.02681	100000	2681	97639	7400000	74.000	0.120
1	.00067	.00268	97319	261	388642	7302361	75.036	1.572
5	.00019	.00095	97058	92	485061	6913719	71.233	2.500
10	.00019	.00093	96966	90	484606	6428657	66.298	2.500
15	.00036	.00180	96876	174	483986	5944051	61.357	2.730
20	.00056	.00282	96702	272	482870	5460065	56.463	2.651
25	.00075	.00374	96429	361	481285	4977196	51.615	2.608
30	.00095	.00475	96069	457	479260	4495911	46.799	2.623
35	.00137	.00682	95612	652	476539	4016651	42.010	2.663
40	.00212	.01053	94961	1000	472489	3540112	37.280	2.684
45	.00338	.01678	93961	1577	466171	3067623	32.648	2.695
50	.00558	.02755	92384	2545	456072	2601452	28.159	2.701
55	.00939	.04595	89840	4128	439673	2145380	23.880	2.693
60	.01545	.07456	85711	6391	413644	1705708	19.901	2.667
65	.02438	.11528	79320	9144	374977	1292063	16.289	2.635
70	.03769	.17284	70177	12130	321785	917086	13.068	2.601
75	.05773	.25304	58047	14689	254426	595302	10.255	2.562
80	.09044	.36866	43359	15985	176734	340876	7.862	2.494
85	.16677	******	27374	27374	164142	164142	5.996	5.996

AGE	M(X)	Q(X)	I(X)	D(X)	L(X)	T(X)	E(X)	A(X)
0	.02425	.02374	100000	2374	97889	7500000	75.000	0.111
1	.00055	.00221	97626	216	389981	7402111	75.821	1.581
5	.00016	.00079	97410	77	486856	7012130	71.986	2.500
10	.00016	.00079	97333	77	486470	6525274	67.041	2.500
15	.00031	.00155	97256	150	485937	6038804	62.092	2.733
20	.00049	.00242	97105	235	484974	5552866	57.184	2.653
25	.00065	.00323	96870	313	483602	5067892	52.316	2.609
30	.00082	.00410	96557	396	481846	4584290	47.477	2.626
35	.00119	.00595	96161	572	479473	4102444	42.662	2.669
40	.00187	.00930	95589	889	475893	3622971	37.901	2.691
45	.00303	.01507	94700	1427	470222	3147077	33.232	2.702
50	.00509	.02514	93273	2345	460994	2676855	28.699	2.709
55	.00869	.04258	90929	3871	445736	2215861	24.369	2.699
60	.01445	.06990	87057	6085	421122	1770125	20.333	2.672
65	.02295	.10885	80972	8814	384064	1349003	16.660	2.641
70	.03568	.16438	72158	11861	332418	964938	13.373	2.608
75	.05505	.24278	60297	14639	265932	632520	10.490	2.571
80	.08713	.35783	45658	16338	187519	366588	8.029	2.504
85	.16374	******	29320	29320	179068	179068	6.107	6.107

AGE	M(X)	Q(X)	I(X)	D(X)	L(X)	T(X)	E(X)	A(X)
0	.25442	.21832	100000	21832	85810	3500000	35.000	0.350
1	.03321	.12215	78168	9548	287476	3414190	43.677	1.361
5	.00687	.03375	68620	2316	337311	3126715	45.566	2.500
10	.00524	.02588	66304	1716	327232	2789404	42.070	2.500
15	.00921	.04509	64588	2912	316175	2462172	38.121	2.676
20	.01340	.06489	61676	4002	298671	2145997	34.795	2.574
25	.01501	.07236	57674	4173	278002	1847326	32.031	2.516
30	.01682	.08069	53500	4317	256711	1569324	29.333	2.500
35	.01778	.08508	49184	4185	235386	1312613	26.688	2.483
40	.01853	.08856	44999	3985	215012	1077227	23.939	2.495
45	.02089	.09932	41014	4074	194974	862215	21.023	2.522
50	.02537	.11943	36940	4412	173884	667241	18.063	2.548
55	.03393	.15667	32528	5096	150175	493357	15.167	2.554
60	.04611	.20708	27432	5681	123200	343181	12.510	2.542
65	.06595	.28316	21751	6159	93387	219981	10.113	2.504
70	.09111	.36964	15592	5764	63258	126594	8.119	2.449
75	.12827	.47913	9829	4709	36714	63336	6.444	2.360
80	.16818	.57678	5120	2953	17558	26623	5.200	2.277
85	.23903	******	2167	2167	9065	9065	4.184	4.184

AGE	M(X)	Q(X)	I(X)	D(X)	L(X)	T(X)	E(X)	A(X)
0	.24705	.21287	100000	21287	86163	3600000	36.000	0.350
1	.03150	.11635	78713	9158	290684	3513837	44.641	1.361
5	.00650	.03198	69555	2224	342215	3223152	46.340	2.500
10	.00497	.02454	67331	1652	332524	2880937	42.788	2.500
15	.00871	.04270	65679	2805	321879	2548413	38.801	2.677
20	.01268	.06149	62874	3866	304999	2226534	35.413	2.576
25	.01425	.06881	59008	4060	284966	1921535	32.564	2.519
30	.01601	.07697	54948	4230	264180	1636570	29.784	2.504
35	.01702	.08160	50718	4138	243192	1372390	27.059	2.487
40	.01785	.08546	46580	3981	222943	1129198	24.242	2.499
45	.02023	.09633	42599	4104	202839	906255	21.274	2.525
50	.02466	.11628	38495	4476	181515	703416	18.273	2.551
55	.03308	.15304	34019	5206	157376	521900	15.341	2.557
60	.04509	.20298	28813	5849	129711	364524	12.651	2.546
65	.06471	.27864	22964	6399	98878	234813	10.225	2.508
70	.08962	.36481	16566	6043	67434	135936	8.206	2.453
75	.12637	.47404	10522	4988	39471	68501	6.510	2.365
80	.16625	.57257	5534	3169	19060	29031	5.246	2.282
85	.23724	******	2366	2366	9971	9971	4.215	4.215

AGE	M(X)	Q(X)	I(X)	D(X)	L(X)	T(X)	E(X)	A(X)
0	.23985	.20750	100000	20750	86512	3700000	37.000	0.350
1	.02987	.11076	79250	8777	293836	3613488	45.596	1.361
5	.00615	.03028	70473	2134	347027	3319651	47.106	2.500
10	.00471	.02326	68338	1590	337717	2972624	43.499	2.500
15	.00824	.04043	66749	2698	327476	2634907	39.475	2.678
20	.01199	.05825	64050	3731	311216	2307430	36.025	2.578
25	.01352	.06540	60320	3945	291822	1996214	33.094	2.522
30	.01524	.07340	56375	4138	271558	1704392	30.233	2.507
35	.01628	.07822	52237	4086	250933	1432834	27.430	2.491
40	.01720	.08244	48151	3970	230840	1181901	24.546	2.503
45	.01959	.09341	44181	4127	210705	951061	21.526	2.528
50	.02396	.11318	40054	4533	189182	740357	18.484	2.554
55	.03225	.14947	35521	5309	164648	551175	15.517	2.560
60	.04408	.19893	30211	6010	136328	386527	12.794	2.549
65	.06349	.27414	24201	6635	104501	250199	10.338	2.512
70	.08813	.35998	17567	6324	71751	145698	8.294	2.457
75	.12449	.46893	11243	5272	42352	73948	6.577	2.370
80	.16434	.56834	5971	3393	20649	31595	5.292	2.287
85	.23546	******	2577	2577	10946	10946	4.247	4.247

AGE	M(X)	Q(X)	I(X)	D(X)	L(X)	T(X)	E(X)	A(X)
0	.23280	.20220	100000	20220	86857	3800000	38.000	0.350
1	.02831	.10537	79780	8407	296934	3713143	46.542	1.361
5	.00582	.02867	71373	2046	351751	3416209	47.864	2.500
10	.00446	.02205	69327	1528	342814	3064458	44.203	2.500
15	.00779	.03825	67799	2594	332971	2721644	40.143	2.678
20	.01133	.05514	65205	3596	317325	2388673	36.633	2.580
25	.01282	.06213	61609	3828	298573	2071348	33.621	2.525
30	.01450	.06996	57782	4043	278845	1772775	30.680	2.510
35	.01558	.07496	53739	4028	258606	1493930	27.800	2.495
40	.01656	.07950	49711	3952	238699	1235325	24.850	2.506
45	.01896	.09055	45759	4144	218565	996626	21.780	2.531
50	.02328	.11014	41615	4583	196877	778061	18.697	2.557
55	.03143	.14595	37032	5405	171986	581184	15.694	2.563
60	.04309	.19491	31627	6164	143048	409198	12.938	2.553
65	.06228	.26967	25462	6866	110255	266150	10.453	2.516
70	.08666	.35515	18596	6604	76209	155895	8.383	2.461
75	.12261	.46380	11992	5562	45361	79686	6.645	2.375
80	.16243	.56407	6430	3627	22330	34324	5.338	2.292
85	.23369	******	2803	2803	11995	11995	4.279	4.279

AGE	M(X)	Q(X)	I(X)	D(X)	L(X)	T(X)	E(X)	A(X)
0	.22589	.19697	100000	19697	87197	3900000	39.000	0.350
1	.02682	.10019	80303	8045	299981	3812803	47.480	1.361
5	.00550	.02713	72258	1960	356388	3512822	48.615	2.500
10	.00422	.02088	70297	1468	347818	3156434	44.901	2.500
15	.00736	.03618	68830	2490	338367	2808616	40.805	2.679
20	.01071	.05218	66339	3461	323328	2470249	37.237	2.582
25	.01215	.05899	62878	3709	305218	2146921	34.144	2.527
30	.01379	.06665	59169	3944	286038	1841703	31.126	2.514
35	.01490	.07180	55225	3965	266208	1555665	28.170	2.499
40	.01594	.07664	51260	3929	246516	1289457	25.155	2.510
45	.01834	.08776	47331	4154	226414	1042940	22.035	2.535
50	.02261	.10714	43177	4626	204597	816526	18.911	2.560
55	.03062	.14247	38551	5493	179385	611929	15.873	2.566
60	.04212	.19093	33059	6312	149867	432544	13.084	2.556
65	.06108	.26521	26747	7093	116139	282677	10.569	2.520
70	.08520	.35032	19653	6885	80810	166538	8.474	2.464
75	.12074	.45864	12768	5856	48501	85728	6.714	2.380
80	.16052	.55976	6912	3869	24105	37227	5.386	2.298
85	.23191	******	3043	3043	13122	13122	4.312	4.312

AGE	M(X)	Q(X)	I(X)	D(X)	L(X)	T(X)	E(X)	A(X)
0	.21912	.19180	100000	19180	87533	4000006	40.000	0.350
1	.02539	.09519	80820	7693	302978	3912473	48.410	1.361
5	.00520	.02566	73127	1876	360944	3609495	49.359	2.500
10	.00399	.01977	71251	1409	352731	3248551	45.593	2.500
15	.00695	.03420	69842	2389	343666	2895820	41.462	2.679
20	.01011	.04934	67453	3328	329227	2552154	37.836	2.584
25	.01151	.05598	64125	3590	311761	2222927	34.665	2.530
30	.01311	.06347	60536	3842	293139	1911167	31.571	2.517
35	.01424	.06875	56694	3897	273737	1618028	28.540	2.503
40	.01533	.07386	52796	3899	254288	1344290	25.462	2.514
45	.01775	.08501	48897	4157	234250	1090003	22.292	2.538
50	.02196	.10420	44740	4662	212336	855753	19.127	2.562
55	.02982	.13904	40078	5572	186842	643417	16.054	2.569
60	.04115	.18698	34506	6452	156782	456575	13.232	2.560
65	.05989	.26076	28054	7315	122151	299792	10.686	2.523
70	.08375	.34548	20739	7165	85554	177641	8.566	2.468
75	.11888	.45345	13574	6155	51776	92087	6.784	2.385
80	.15860	.55541	7419	4120	25979	40311	5.434	2.303
85	.23014	******	3298	3298	14332	14332	4.345	4.345

AGE	M(X)	Q(X)	I(X)	D(X)	L(X)	T(X)	E(X)	A(X)
0	.21247	.18669	100000	18669	87865	4100001	41.000	0.350
1	.02403	.09038	81331	7350	305927	4012136	49.331	1.361
5	.00491	.02425	73981	1794	365419	3706209	50.097	2.500
10	.00378	.01871	72187	1350	357557	3340790	46.280	2.500
15	.00656	.03231	70836	2289	348870	2983233	42.115	2.679
20	.00954	.04663	68548	3196	335023	2634363	38.431	2.586
25	.01090	.05309	65352	3469	318198	2299340	35.184	2.533
30	.01245	.06039	61882	3737	300144	1981142	32.015	2.520
35	.01360	.06578	58145	3825	281190	1680998	28.910	2.507
40	.01475	.07114	54320	3864	262009	1399808	25.770	2.518
45	.01716	.08233	50456	4154	242065	1137799	22.550	2.541
50	.02131	.10131	46302	4691	220089	895735	19.346	2.565
55	.02904	.13565	41611	5644	194350	675646	16.237	2.572
60	.04020	.18306	35967	6584	163788	481296	13.382	2.563
65	.05871	.25632	29383	7531	128289	317508	10.806	2.527
70	.08230	.34063	21852	7443	90443	189218	8.659	2.472
75	.11702	.44822	14408	6458	55188	98776	6.855	2.390
80	.15669	.55101	7950	4381	27957	43588	5.483	2.308
85	.22836	******	3570	3570	15631	15631	4.379	4.379

AGE	M(X)	Q(X)	I(X)	D(X)	L(X)	T(X)	E(X)	A(X)
0	.20595	.18163	100000	18163	88194	4200000	42.000	0.350
1	.02272	.08574	81837	7016	308831	4111806	50.244	1.361
5	.00464	.02291	74820	1714	369816	3802976	50.828	2.500
10	.00357	.01769	73106	1293	362298	3433159	46.961	2.500
15	.00619	.03050	71813	2190	353983	3070862	42.762	2.680
20	.00900	.04403	69623	3065	340719	2716879	39.023	2.588
25	.01032	.05031	66557	3348	324534	2376160	35.701	2.535
30	.01182	.05743	63209	3630	307054	2051626	32.458	2.523
35	.01299	.06291	59579	3748	288564	1744573	29.282	2.511
40	.01418	.06849	55831	3824	269676	1456008	26.079	2.521
45	.01659	.07969	52007	4145	249856	1186333	22.811	2.544
50	.02068	.09846	47862	4712	227851	936477	19.566	2.568
55	.02827	.13229	43150	5708	201905	708626	16.422	2.575
60	.03925	.17916	37442	6708	170883	506721	13.534	2.566
65	.05753	.25189	30734	7741	134553	335838	10.927	2.531
70	.08086	.33577	22992	7720	95477	201285	8.754	2.476
75	.11517	.44296	15272	6765	58741	105808	6.928	2.395
80	.15478	.54656	8507	4650	30042	47067	5.533	2.313
85	.22658	******	3858	3858	17025	17025	4.413	4.413

AGE	M(X)	Q(X)	I(X)	D(X)	L(X)	T(X)	E(X)	A(X)
0	.19954	.17663	100000	17663	88519	4300000	43.000	0.350
1	.02147	.08127	82337	6691	311690	4211481	51.149	1.361
5	.00437	.02163	75646	1636	374139	3899791	51.553	2.500
10	.00337	.01672	74010	1237	366956	3525653	47.638	2.500
15	.00583	.02877	72773	2094	359005	3158697	43.405	2.680
20	.00848	.04154	70679	2936	346316	2799692	39.611	2.590
25	.00976	.04764	67742	3227	330767	2453376	36.216	2.538
30	.01122	.05457	64515	3521	313867	2122609	32.901	2.526
35	.01240	.06013	60994	3667	295857	1808741	29.654	2.515
40	.01363	.06590	57327	3778	277285	1512884	26.390	2.525
45	.01603	.07711	53549	4129	257618	1235599	23.074	2.547
50	.02006	.09564	49420	4727	235618	977981	19.789	2.571
55	.02751	.12897	44693	5764	209503	742363	16.610	2.578
60	.03832	.17528	38929	6824	178062	532860	13.688	2.570
65	.05637	.24746	32106	7945	140939	354798	11.051	2.534
70	.07942	.33088	24161	7994	100658	213858	8.851	2.480
75	.11331	.43764	16166	7075	62439	113200	7.002	2.400
80	.15285	.54205	9091	4928	32240	50760	5.583	2.318
85	.22480	******	4163	4163	18521	18521	4.448	4.448

AGE	M(X)	Q(X)	I(X)	D(X)	L(X)	T(X)	E(X)	A(X)
0	.19324	.17168	100000	17168	88841	4399997	44.000	0.350
1	.02027	.07696	82832	6375	314506	4311156	52.047	1.361
5	.00412	.02040	76457	1560	378388	3996651	52.273	2.500
10	.00318	.01579	74898	1182	371533	3618263	48.309	2.500
15	.00549	.02712	73715	1999	363940	3246730	44.044	2.680
20	.00798	.03917	71716	2809	351816	2882790	40.197	2.591
25	.00922	.04508	68907	3106	336898	2530974	36.730	2.541
30	.01064	.05182	65801	3410	320583	2194076	33.344	2.530
35	.01182	.05743	62392	3583	303067	1873493	30.028	2.519
40	.01309	.06338	58809	3727	284833	1570426	26.704	2.529
45	.01548	.07457	55081	4107	265346	1285593	23.340	2.550
50	.01945	.09287	50974	4734	243384	1020247	20.015	2.574
55	.02676	.12568	46240	5811	217139	776863	16.801	2.580
60	.03740	.17143	40429	6931	185323	559724	13.845	2.573
65	.05521	.24303	33498	8141	147448	374401	11.177	2.538
70	.07799	.32598	25357	8266	105987	226954	8.950	2.484
75	.11146	.43228	17091	7388	66286	120966	7.078	2.405
80	.15092	.53748	9703	5215	34555	54680	5.635	2.323
85	.22300	******	4488	4488	20125	20125	4.484	4.484

AGE	M(X)	Q(X)	I(X)	D(X)	L(X)	T(X)	E(X)	A(X)
0	.18705	.16677	100000	16677	89160	4500000	45.000	0.350
1	.01912	.07281	83323	6067	317280	4410840	52.937	1.361
5	.00388	.01922	77256	1485	382566	4093560	52.987	2.500
10	.00300	.01489	75771	1129	376032	3710994	48.977	2.500
15	.00517	.02554	74642	1906	368788	3334962	44.679	2.680
20	.00751	.03689	72736	2683	357220	2966174	40.780	2.593
25	.00871	.04261	70053	2985	342928	2608954	37.243	2.543
30	.01008	.04916	67067	3297	327201	2266026	33.787	2.533
35	.01127	.05481	63770	3495	310191	1938825	30.403	2.522
40	.01256	.06091	60275	3671	292316	1628634	27.020	2.533
45	.01494	.07207	56604	4080	273037	1336318	23.608	2.553
50	.01885	.09014	52524	4734	251145	1063281	20.244	2.576
55	.02602	.12242	47789	5850	224809	812136	16.994	2.583
60	.03648	.16760	41939	7029	192660	587327	14.004	2.576
65	.05406	.23860	34910	8329	154076	394667	11.305	2.542
70	.07656	.32104	26581	8534	111466	240590	9.051	2.488
75	.10960	.42686	18047	7704	70287	129124	7.155	2.410
80	.14899	.53284	10344	5512	36993	58838	5.688	2.328
85	.22120	******	4832	4832	21844	21844	4.521	4.521

AGE	M(X)	Q(X)	I(X)	D(X)	L(X)	T(X)	E(X)	A(X)
0	.18096	.16192	100000	16192	89475	4600000	46.000	0.350
1	.01802	.06881	83808	5767	320014	4510525	53.819	1.361
5	.00365	.01810	78041	1413	386675	4190510	53.696	2.500
10	.00283	.01404	76629	1076	380453	3803836	49.640	2.500
15	.00486	.02403	75553	1815	373552	3423383	45.311	2.680
20	.00706	.03471	73737	2560	362529	3049830	41.361	2.595
25	.00821	.04025	71178	2865	348857	2687301	37.755	2.546
30	.00954	.04660	68313	3184	333719	2338444	34.231	2.536
35	.01073	.05226	65129	3404	317226	2004725	30.781	2.526
40	.01205	.05850	61725	3611	299730	1687499	27.339	2.536
45	.01442	.06962	58114	4046	280685	1387768	23.880	2.557
50	.01826	.08744	54068	4728	258895	1107083	20.476	2.579
55	.02529	.11918	49340	5881	232507	848188	17.191	2.586
60	.03558	.16378	43460	7118	200072	615681	14.167	2.580
65	.05291	.23416	36342	8510	160823	415609	11.436	2.546
70	.07513	.31608	27832	8797	117095	254786	9.154	2.492
75	.10775	.42139	19035	8021	74444	137692	7.234	2.415
80	.14704	.52813	11014	5817	39559	63248	5.743	2.334
85	.21939	******	5197	5197	23688	23688	4.558	4.558

AGE	M(X)	Q(X)	I(X)	D(X)	L(X)	T(X)	E(X)	A(X)
0	.17497	.15710	100000	15710	89788	4700000	47.000	0.350
1	.01697	.06497	84290	5476	322709	4610212	54.695	1.361
5	.00343	.01703	78814	1342	390715	4287503	54.400	2.500
10	.00266	.01322	77472	1025	384799	3896788	50.299	2.500
15	.00456	.02258	76448	1727	378233	3511988	45.940	2.681
20	.00663	.03263	74721	2438	367745	3133755	41.939	2.596
25	.00774	.03798	72283	2745	354685	2766010	38.266	2.548
30	.00902	.04413	69538	3069	340137	2411326	34.676	2.539
35	.01021	.04980	66469	3310	324170	2071188	31.160	2.530
40	.01155	.05615	63159	3546	307072	1747018	27.661	2.540
45	.01390	.06722	59613	4007	288286	1439946	24.155	2.560
50	.01768	.08478	55606	4714	266630	1151660	20.711	2.582
55	.02457	.11598	50892	5902	240229	885030	17.390	2.589
60	.03468	.15997	44989	7197	207552	644801	14.332	2.583
65	.05177	.22971	37792	8681	167686	437249	11.570	2.549
70	.07370	.31109	29111	9056	122875	269563	9.260	2.496
75	.10588	.41585	20055	8340	78763	146688	7.314	2.421
80	.14508	.52335	11715	6131	42260	67925	5.798	2.339
85	.21757	******	5584	5584	25665	25665	4.596	4.596

AGE	M(X)	Q(X)	I(X)	D(X)	L(X)	T(X)	E(X)	A(X)
0	.16907	.15233	100000	15233	90099	4800000	48.000	0.350
1	.01596	.06126	84767	5193	325365	4709901	55.563	1.361
5	.00323	.01600	79574	1273	394689	4384536	55.100	2.500
10	.00250	.01244	78301	974	389071	3989847	50.955	2.500
15	.00428	.02120	77327	1640	382832	3600776	46.566	2.681
20	.00622	.03063	75687	2319	372867	3217944	42.516	2.598
25	.00729	.03579	73369	2626	360412	2845077	38.778	2.551
30	.00853	.04175	70743	2954	346454	2484665	35.123	2.542
35	.00971	.04741	67789	3214	331021	2138211	31.542	2.534
40	.01106	.05385	64576	3477	314338	1807190	27.986	2.544
45	.01339	.06485	61098	3962	295836	1492853	24.434	2.563
50	.01711	.08214	57136	4693	274345	1197017	20.950	2.585
55	.02386	.11280	52443	5916	247970	922672	17.594	2.592
60	.03378	.15618	46527	7267	215098	674702	14.501	2.586
65	.05063	.22525	39261	8844	174663	459603	11.706	2.553
70	.07227	.30606	30417	9309	128807	284940	9.368	2.499
75	.10402	.41024	21108	8659	83247	156133	7.397	2.426
80	.14311	.51848	12449	6454	45101	72886	5.855	2.344
85	.21574	******	5994	5994	27785	27785	4.635	4.635

AGE	M(X)	Q(X)	I(X)	D(X)	L(X)	T(X)	E(X)	A(X)
0	.16326	.14759	100000	14759	90406	4900000	49.000	0.350
1	.01499	.05769	85241	4918	327984	4809594	56.424	1.361
5	.00303	.01502	80323	1206	398598	4481610	55.795	2.500
10	.00235	.01169	79117	925	393270	4083012	51.608	2.500
15	.00401	.01988	78191	1555	387351	3689743	47.189	2.681
20	.00583	.02873	76637	2202	377898	3302392	43.092	2.599
25	.00685	.03370	74435	2508	366038	2924494	39.289	2.553
30	.00805	.03945	71927	2838	352668	2558457	35.570	2.545
35	.00922	.04508	69089	3115	337776	2205789	31.927	2.538
40	.01059	.05160	65974	3404	321524	1868013	28.314	2.548
45	.01290	.06252	62570	3912	303330	1546489	24.716	2.566
50	.01654	.07954	58658	4666	282035	1243160	21.193	2.587
55	.02315	.10964	53992	5920	255725	961125	17.801	2.595
60	.03290	.15240	48073	7326	222706	705400	14.674	2.590
65	.04950	.22078	40747	8996	181753	482694	11.846	2.557
70	.07084	.30099	31750	9556	134893	300942	9.478	2.503
75	.10214	.40456	22194	8979	87902	166048	7.482	2.431
80	.14112	.51353	13215	6786	48090	78147	5.913	2.350
85	.21389	******	6429	6429	30057	30057	4.675	4.675

AGE	M(X)	Q(X)	I(X)	D(X)	L(X)	T(X)	E(X)	A(X)
0	.15753	.14290	100000	14290	90711	5000001	50.000	0.350
1	.01407	.05426	85710	4651	330566	4909289	57.278	1.361
5	.00284	.01408	81059	1141	402442	4578723	56.486	2.500
10	.00221	.01098	79918	877	397397	4176281	52.257	2.500
15	.00376	.01862	79041	1472	391789	3778885	47.809	2.680
20	.00545	.02690	77569	2087	382837	3387096	43.666	2.601
25	.00644	.03168	75482	2392	371563	3004259	39.801	2.555
30	.00759	.03724	73090	2722	358778	2632696	36.020	2.548
35	.00875	.04283	70368	3014	344433	2273918	32.314	2.542
40	.01012	.04940	67354	3327	328626	1929485	28.647	2.552
45	.01241	.06023	64027	3856	310763	1600859	25.003	2.569
50	.01599	.07697	60171	4631	289694	1290096	21.441	2.590
55	.02245	.10651	55540	5915	263488	1000402	18.012	2.598
60	.03201	.14862	49624	7375	230370	736913	14.850	2.593
65	.04836	.21629	42249	9138	188952	506543	11.989	2.560
70	.06941	.29587	33111	9797	141134	317591	9.592	2.507
75	.10026	.39880	23314	9298	92732	176457	7.569	2.436
80	.13912	.50848	14017	7127	51232	83725	5.973	2.355
85	.21203	******	6889	6889	32493	32493	4.716	4.716

AGE	M(X)	Q(X)	I(X)	D(X)	L(X)	T(X)	E(X)	A(X)
0	.15189	.13824	100000	13824	91014	5100001	51.000	0.350
1	.01318	.05097	86176	4392	333112	5008987	58.125	1.361
5	.00265	.01318	81784	1078	406223	4675876	57.174	2.500
10	.00207	.01029	80706	831	401452	4269652	52.904	2.500
15	.00351	.01742	79875	1391	396149	3868200	48.428	2.680
20	.00509	.02516	78484	1975	387685	3472051	44.239	2.602
25	.00604	.02975	76509	2276	376987	3084366	40.314	2.558
30	.00714	.03511	74233	2606	364783	2707379	36.471	2.551
35	.00829	.04065	71627	2911	350989	2342596	32.706	2.546
40	.00967	.04725	68716	3247	335641	1991607	28.983	2.556
45	.01193	.05797	65469	3795	318131	1655965	25.294	2.573
50	.01544	.07443	61673	4590	297318	1337835	21.692	2.593
55	.02176	.10339	57083	5902	271256	1040516	18.228	2.601
60	.03114	.14485	51181	7414	238087	769261	15.030	2.597
65	.04723	.21179	43767	9269	196259	531174	12.136	2.564
70	.06798	.29071	34498	10029	147531	334914	9.708	2.511
75	.09837	.39295	24469	9615	97742	187384	7.658	2.441
80	.13709	.50333	14854	7476	54536	89642	6.035	2.361
85	.21015	******	7377	7377	35106	35106	4.759	4.759

AGE	M(X)	Q(X)	I(X)	D(X)	L(X)	T(X)	E(X)	A(X)
0	.14634	.13363	100000	13363	91314	5200002	52.000	0.350
1	.01234	.04780	86637	4141	335622	5108688	58.966	1.361
5	.00248	.01232	82496	1016	409942	4773066	57.858	2.500
10	.00194	.00964	81480	785	405438	4363124	53.548	2.500
15	.00328	.01627	80695	1313	400430	3957686	49.045	2.680
20	.00475	.02350	79382	1865	392442	3557256	44.812	2.604
25	.00566	.02790	77517	2163	382310	3164814	40.827	2.560
30	.00672	.03305	75355	2491	370682	2782504	36.925	2.554
35	.00785	.03853	72864	2807	357442	2411821	33.100	2.550
40	.00923	.04515	70057	3163	342566	2054379	29.324	2.560
45	.01146	.05575	66894	3730	325429	1711813	25.590	2.576
50	.01490	.07191	63164	4542	304902	1386384	21.949	2.596
55	.02107	.10030	58622	5880	279021	1081483	18.448	2.604
60	.03027	.14109	52742	7441	245852	802462	15.215	2.600
65	.04610	.20726	45301	9389	203671	556610	12.287	2.568
70	.06654	.28550	35912	10253	154083	352938	9.828	2.515
75	.09647	.38702	25659	9931	102937	198855	7.750	2.446
80	.13505	.49808	15728	7834	58008	95918	6.098	2.366
85	.20824	******	7894	7894	37910	37910	4.802	4.802

AGE	M(X)	Q(X)	I(X)	D(X)	L(X)	T(X)	E(X)	A(X)
0	.14086	.12904	100000	12904	91612	5300004	53.000	0.350
1	.01153	.04475	87096	3898	338097	5208391	59.801	1.361
5	.00231	.01150	83198	957	413598	4870294	58.539	2.500
10	.00181	.00901	82241	741	409354	4456696	54.191	2.500
15	.00306	.01517	81500	1236	404634	4047342	49.660	2.680
20	.00443	.02191	80264	1758	397110	3642708	45.384	2.605
25	.00529	.02612	78506	2051	387531	3245598	41.342	2.563
30	.00631	.03107	76455	2376	376474	2858067	37.382	2.557
35	.00743	.03647	74080	2702	363789	2481593	33.499	2.554
40	.00880	.04309	71378	3076	349395	2117804	29.670	2.563
45	.01100	.05357	68302	3659	332653	1768408	25.891	2.579
50	.01436	.06943	64643	4488	312439	1435756	22.210	2.599
55	.02039	.09723	60155	5849	286779	1123317	18.674	2.607
60	.02940	.13733	54307	7458	253660	836538	15.404	2.603
65	.04497	.20271	46849	9497	211185	582877	12.442	2.572
70	.06510	.28023	37352	10467	160794	371692	9.951	2.519
75	.09456	.38100	26885	10243	108323	210898	7.845	2.452
80	.13298	.49271	16642	8200	61658	102576	6.164	2.372
85	.20632	******	8442	8442	40917	40917	4.847	4.847

AGE	M(X)	Q(X)	I(X)	D(X)	L(X)	T(X)	E(X)	A(X)
0	.13546	.12449	100000	12449	91908	5400006	54.000	0.350
1	.01075	.04183	87551	3662	340537	5308098	60.629	1.361
5	.00216	.01072	83888	899	417193	4967561	59.216	2.500
10	.00169	.00841	82989	698	413201	4550367	54.831	2.500
15	.00284	.01412	82291	1162	408760	4137166	50.275	2.680
20	.00412	.02039	81129	1654	401687	3728405	45.956	2.607
25	.00494	.02442	79475	1940	392650	3326718	41.859	2.565
30	.00592	.02917	77535	2261	382156	2934068	37.842	2.561
35	.00701	.03448	75273	2595	370028	2551912	33.902	2.558
40	.00838	.04108	72678	2986	356127	2181884	30.021	2.568
45	.01055	.05142	69692	3584	339797	1825757	26.197	2.582
50	.01384	.06696	66109	4427	319925	1485960	22.478	2.602
55	.01972	.09417	61682	5808	294524	1166035	18.904	2.610
60	.02854	.13357	55873	7463	261507	871511	15.598	2.607
65	.04384	.19813	48410	9592	218798	610004	12.601	2.576
70	.06365	.27491	38818	10672	167662	391206	10.078	2.523
75	.09264	.37488	28147	10552	113904	223544	7.942	2.457
80	.13089	.48722	17595	8573	65494	109640	6.231	2.378
85	.20438	******	9022	9022	44146	44146	4.893	4.893

AGE	M(X)	Q(X)	I(X)	D(X)	L(X)	T(X)	E(X)	A(X)
0	.13013	.11998	100000	11998	92201	5500009	55.000	0.350
1	.01002	.03903	88002	3435	342943	5407807	61.451	1.361
5	.00200	.00997	84567	843	420728	5064864	59.892	2.500
10	.00157	.00783	83724	656	416980	4644137	55.470	2.500
15	.00264	.01312	83068	1090	412810	4227157	50.888	2.680
20	.00382	.01894	81978	1553	406174	3814347	46.529	2.608
25	.00461	.02278	80425	1832	397667	3408173	42.377	2.568
30	.00554	.02733	78592	2148	387728	3010506	38.305	2.564
35	.00661	.03255	76444	2488	376156	2622778	34.310	2.562
40	.00798	.03912	73956	2893	362756	2246622	30.378	2.572
45	.01010	.04930	71063	3504	346857	1883867	26.510	2.586
50	.01332	.06453	67559	4359	327354	1537010	22.750	2.604
55	.01905	.09113	63200	5759	302251	1209656	19.140	2.613
60	.02768	.12982	57441	7457	269386	907405	15.797	2.610
65	.04271	.19353	49984	9673	226508	638019	12.764	2.580
70	.06220	.26953	40311	10865	174688	411512	10.209	2.527
75	.09070	.36865	29446	10855	119686	236824	8.043	2.463
80	.12878	.48161	18591	8953	69525	117138	6.301	2.383
85	.20241	******	9637	9637	47613	47613	4.941	4.941

AGE	M(X)	Q(X)	I(X)	D(X)	L(X)	T(X)	E(X)	A(X)
0	.12488	.11550	100000	11550	92492	5600000	56.000	0.350
1	.00931	.03635	88450	3215	345314	5507508	62.267	1.361
5	.00186	.00926	85235	789	424201	5162193	60.564	2.500
10	.00146	.00729	84446	615	420689	4737993	56.107	2.500
15	.00245	.01217	83830	1020	416782	4317304	51.501	2.679
20	.00354	.01757	82810	1455	410570	3900522	47.102	2.609
25	.00429	.02122	81355	1727	402579	3489951	42.898	2.570
30	.00518	.02557	79628	2036	393188	3087372	38.772	2.567
35	.00623	.03068	77592	2380	382168	2694185	34.722	2.566
40	.00758	.03720	75212	2798	369277	2312016	30.740	2.576
45	.00966	.04722	72414	3420	353827	1942739	26.828	2.589
50	.01280	.06212	68995	4286	334719	1588912	23.030	2.607
55	.01839	.08810	64709	5701	309952	1254193	19.382	2.616
60	.02683	.12606	59008	7439	277291	944241	16.002	2.614
65	.04157	.18890	51569	9741	234308	666951	12.933	2.584
70	.06073	.26408	41828	11046	181873	432643	10.343	2.531
75	.08874	.36232	30782	11153	125674	250770	8.147	2.468
80	.12664	.47586	19629	9341	73760	125097	6.373	2.389
85	.20041	******	10288	10288	51337	51337	4.990	4.990

AGE	M(X)	Q(X)	I(X)	D(X)	L(X)	T(X)	E(X)	A(X)
0	.11970	.11106	100000	11106	92781	5700000	57.000	0.350
1	.00864	.03378	88894	3003	347651	5607219	63.078	1.361
5	.00172	.00858	85891	737	427613	5259568	61.235	2.500
10	.00136	.00677	85154	576	424330	4831954	56.744	2.500
15	.00227	.01127	84578	953	420678	4407624	52.113	2.679
20	.00328	.01626	83625	1359	414877	3986947	47.677	2.611
25	.00398	.01973	82266	1623	407388	3572070	43.421	2.573
30	.00483	.02388	80642	1925	398534	3164682	39.243	2.570
35	.00586	.02886	78717	2272	388065	2766148	35.140	2.571
40	.00719	.03532	76445	2700	375689	2378084	31.108	2.580
45	.00924	.04517	73744	3331	360703	2002394	27.153	2.593
50	.01230	.05973	70413	4206	342016	1641691	23.315	2.610
55	.01774	.08509	66207	5634	317622	1299676	19.630	2.619
60	.02597	.12230	60574	7408	285218	982054	16.213	2.618
65	.04044	.18423	53165	9795	242197	696837	13.107	2.588
70	.05927	.25856	43370	11214	189216	454639	10.483	2.536
75	.08677	.35587	32156	11443	131874	265423	8.254	2.474
80	.12447	.46997	20713	9735	78209	133549	6.448	2.395
85	.19838	******	10979	10979	55340	55340	5.041	5.041

AGE	M(X)	Q(X)	I(X)	D(X)	L(X)	T(X)	E(X)	A(X)
0	.11460	.10665	100000	10665	93067	5800000	58.000	0.350
1	.00800	.03132	89335	2798	349954	5706932	63.883	1.361
5	.00159	.00794	86536	687	430965	5356978	61.904	2.500
10	.00126	.00627	85850	538	427903	4926013	57.380	2.500
15	.00209	.01041	85311	888	424496	4498111	52.726	2.678
20	.00302	.01501	84424	1267	419092	4073615	48.252	2.612
25	.00369	.01830	83156	1522	412092	3654523	43.948	2.575
30	.00450	.02225	81634	1816	403764	3242431	39.719	2.573
35	.00549	.02711	79818	2164	393842	2838667	35.564	2.575
40	.00681	.03349	77654	2601	381986	2444825	31.484	2.584
45	.00881	.04315	75053	3239	367479	2062839	27.485	2.596
50	.01180	.05737	71814	4120	349237	1695360	23.608	2.613
55	.01709	.08210	67694	5558	325254	1346122	19.885	2.622
60	.02513	.11855	62136	7366	293160	1020869	16.429	2.621
65	.03931	.17953	54770	9833	250170	727709	13.287	2.592
70	.05779	.25298	44937	11368	196718	477539	10.627	2.540
75	.08479	.34929	33569	11725	138292	280821	8.365	2.479
80	.12227	.46393	21844	10134	82885	142529	6.525	2.401
85	.19633	******	11710	11710	59644	59644	5.094	5.094

AGE	M(X)	Q(X)	I(X)	D(X)	L(X)	T(X)	E(X)	A(X)
0	.10957	.10228	100000	10228	93352	5900000	59.000	0.350
1	.00739	.02898	89772	2601	352222	5806648	64.682	1.361
5	.00147	.00732	87170	638	434256	5454426	62.572	2.500
10	.00116	.00579	86532	501	431406	5020170	58.015	2.500
15	.00193	.00959	86031	825	428237	4588764	53.339	2.678
20	.00278	.01382	85205	1178	423216	4160527	48.829	2.614
25	.00342	.01694	84027	1424	416689	3737311	44.477	2.578
30	.00418	.02069	82604	1709	408878	3320622	40.199	2.577
35	.00515	.02542	80895	2056	399496	2911744	35.994	2.579
40	.00644	.03171	78838	2500	388165	2512249	31.866	2.589
45	.00840	.04117	76339	3143	374150	2124084	27.824	2.600
50	.01130	.05503	73196	4028	356378	1749934	23.908	2.616
55	.01644	.07912	69168	5473	332841	1393556	20.148	2.625
60	.02428	.11479	63695	7311	301110	1060715	16.653	2.625
65	.03817	.17480	56384	9856	258222	759606	13.472	2.596
70	.05630	.24731	46528	11507	204378	501383	10.776	2.544
75	.08278	.34259	35021	11998	144933	297005	8.481	2.485
80	.12003	.45772	23023	10538	87796	152072	6.605	2.408
85	.19424	******	12485	12485	64276	64276	5.148	5.148

AGE	M(X)	Q(X)	I(X)	D(X)	L(X)	T(X)	E(X)	A(X)
0	.10467	.09795	100000	9795	93573	6000000	60.000	0.344
1	.00680	.02674	90205	2412	354465	5906427	65.478	1.365
5	.00135	.00674	87793	592	437487	5551962	63.239	2.500
10	.00107	.00534	87202	466	434843	5114475	58.651	2.500
15	.00177	.00882	86736	765	431902	4679632	53.953	2.677
20	.00256	.01270	85971	1092	427250	4247730	49.409	2.615
25	.00315	.01564	84879	1328	421182	3820480	45.011	2.580
30	.00388	.01920	83551	1604	413874	3399298	40.685	2.580
35	.00481	.02378	81947	1949	405027	2985424	36.431	2.584
40	.00608	.02996	79998	2397	394223	2580397	32.256	2.593
45	.00799	.03922	77601	3043	380714	2186175	28.172	2.603
50	.01082	.05272	74558	3931	363434	1805461	24.215	2.619
55	.01580	.07616	70627	5379	340380	1442027	20.417	2.628
60	.02344	.11102	65249	7244	309065	1101647	16.884	2.629
65	.03703	.17002	58005	9862	266353	792582	13.664	2.600
70	.05630	.24157	48143	11630	212199	526230	10.931	2.548
75	.08076	.33575	36513	12259	151806	314030	8.601	2.491
80	.11776	.45135	24253	10947	92959	162224	6.689	2.414
85	.19211	******	13307	13307	69265	69265	5.205	5.205

AGE	M(X)	Q(X)	I(X)	D(X)	L(X)	T(X)	E(X)	A(X)
0	.09990	.09365	100000	9365	93735	6100000	61.000	0.331
1	.00625	.02461	90635	2230	356680	6006265	66.268	1.372
5	.00124	.00619	88405	547	440658	5649586	63.906	2.500
10	.00099	.00492	87858	432	438211	5208927	59.288	2.500
15	.00162	.00808	87426	706	435490	4770717	54.568	2.677
20	.00234	.01164	86720	1009	431193	4335227	49.991	2.616
25	.00290	.01441	85711	1235	425568	3904034	45.549	2.583
30	.00358	.01777	84476	1501	418752	3478466	41.177	2.583
35	.00449	.02220	82975	1842	410432	3059714	36.875	2.588
40	.00573	.02826	81133	2293	400156	2649282	32.654	2.598
45	.00759	.03729	78840	2940	387164	2249126	28.528	2.607
50	.01033	.05043	75900	3828	370399	1861962	24.532	2.623
55	.01517	.07321	72072	5276	347863	1491563	20.695	2.631
60	.02260	.10725	66796	7164	317018	1143700	17.122	2.632
65	.03588	.16521	59632	9852	274555	826682	13.863	2.604
70	.05330	.23574	49780	11735	220180	552127	11.091	2.553
75	.07871	.32877	38045	12508	158918	331946	8.725	2.497
80	.11545	.44478	25537	11358	98386	173028	6.776	2.421
85	.18995	******	14179	14179	74643	74643	5.265	5.265

AGE	M(X)	Q(X)	I(X)	D(X)	L(X)	T(X)	E(X)	A(X)
0	.09519	.08938	100000	8938	93905	6200000	62.000	0.318
1	.00573	.02258	91062	2056	358856	6106095	67.055	1.379
5	.00114	.00566	89005	504	443766	5747239	64.572	2.500
10	.00090	.00451	88501	399	441508	5303473	59.925	2.500
15	.00148	.00739	88102	651	438998	4861964	55.186	2.676
20	.00214	.01063	87451	930	435042	4422966	50.576	2.618
25	.00266	.01323	86522	1145	429844	3987925	46.092	2.585
30	.00331	.01640	85377	1400	423505	3558081	41.675	2.587
35	.00418	.02068	83977	1736	415704	3134575	37.327	2.593
40	.00539	.02660	82240	2188	405956	2718872	33.060	2.602
45	.00720	.03541	80053	2834	393491	2312916	28.892	2.611
50	.00986	.04817	77218	3719	377261	1919424	24.857	2.626
55	.01454	.07027	73499	5165	355278	1542163	20.982	2.635
60	.02176	.10348	68334	7071	324956	1186885	17.369	2.636
65	.03474	.16035	61263	9824	282819	861929	14.069	2.608
70	.05178	.22983	51439	11822	228315	579110	11.258	2.557
75	.07664	.32164	39617	12742	166269	350795	8.855	2.503
80	.11310	.43803	26875	11772	104086	184526	6.866	2.427
85	.18775	******	15103	15103	80441	80441	5.326	5.326

AGE	M(X)	Q(X)	I(X)	D(X)	L(X)	T(X)	E(X)	A(X)
0	.09052	.08516	100000	8516	94085	6300000	63.000	0.305
1	.00524	.02066	91484	1890	360993	6205915	67.836	1.385
5	.00104	.00517	89594	463	446810	5844922	65.238	2.500
10	.00083	.00412	89130	368	444733	5398111	60.564	2.500
15	.00135	.00673	88763	597	442426	4953378	55.805	2.676
20	.00195	.00968	88165	854	438795	4510952	51.165	2.619
25	.00244	.01211	87312	1058	434008	4072158	46.639	2.588
30	.00304	.01510	86254	1302	428133	3638150	42.179	2.590
35	.00388	.01921	84952	1632	420839	3210017	37.786	2.598
40	.00506	.02499	83320	2082	411618	2789178	33.475	2.607
45	.00682	.03355	81238	2726	399689	2377559	29.267	2.615
50	.00939	.04593	78513	3606	384013	1977870	25.192	2.629
55	.01391	.06735	74907	5045	362617	1593856	21.278	2.638
60	.02093	.09970	69862	6965	332870	1231239	17.624	2.640
65	.03358	.15546	62896	9778	291138	898369	14.283	2.613
70	.05025	.22383	53119	11889	236600	607232	11.432	2.561
75	.07455	.31436	41229	12961	173864	370632	8.990	2.509
80	.11071	.43108	28268	12186	110072	196768	6.961	2.434
85	.18551	******	16083	16083	86696	86696	5.391	5.391

AGE	M(X)	Q(X)	I(X)	D(X)	L(X)	T(X)	E(X)	A(X)
0	.08591	.08099	100000	8099	94274	6400000	64.000	0.293
1	.00477	.01884	91901	1731	363090	6305726	68.614	1.392
5	.00094	.00470	90170	424	449790	5942636	65.905	2.500
10	.00075	.00376	89746	337	447886	5492846	61.204	2.500
15	.00123	.00611	89408	547	445771	5044960	56.426	2.675
20	.00176	.00879	88862	781	442451	4599189	51.757	2.620
25	.00222	.01106	88081	974	438059	4156738	47.192	2.591
30	.00279	.01386	87107	1207	432631	3718679	42.691	2.594
35	.00359	.01780	85900	1529	425835	3286048	38.254	2.603
40	.00474	.02342	84371	1976	417138	2860213	33.900	2.612
45	.00644	.03173	82396	2614	405752	2443074	29.651	2.619
50	.00893	.04371	79781	3488	390649	2037322	25.536	2.632
55	.01329	.06445	76294	4917	369870	1646674	21.583	2.641
60	.02009	.09592	71377	6847	340752	1276803	17.888	2.644
65	.03243	.15052	64530	9713	299502	936052	14.506	2.617
70	.04871	.21773	54817	11935	245032	636549	11.612	2.566
75	.07243	.30692	42881	13161	181708	391517	9.130	2.516
80	.10827	.42391	29720	12599	116360	209809	7.059	2.441
85	.18322	******	17122	17122	93449	93449	5.458	5.458

AGE	M(X)	Q(X)	I(X)	D(X)	L(X)	T(X)	E(X)	A(X)
0	.08136	.07686	100000	7686	94471	6500000	65.000	0.281
1	.00433	.01712	92314	1580	365147	6405529	69.388	1.399
5	.00085	.00426	90734	387	452703	6040383	66.572	2.500
10	.00068	.00342	90347	309	450964	5587679	61.847	2.500
15	.00111	.00553	90039	498	449034	5136715	57.050	2.674
20	.00160	.00795	89540	712	446010	4687681	52.353	2.622
25	.00202	.01006	88829	893	441994	4241671	47.751	2.594
30	.00255	.01268	87935	1115	436999	3799678	43.210	2.598
35	.00331	.01644	86821	1428	430688	3362679	38.731	2.608
40	.00442	.02189	85393	1869	422511	2931990	34.335	2.617
45	.00608	.02994	83524	2501	411673	2509479	30.045	2.623
50	.00847	.04153	81023	3365	397159	2097806	25.892	2.636
55	.01268	.06156	77658	4781	377030	1700648	21.899	2.645
60	.01926	.09214	72877	6715	348591	1323618	18.162	2.648
65	.03127	.14554	66162	9629	307905	975027	14.737	2.621
70	.04716	.21155	56533	11959	253608	667122	11.801	2.570
75	.07029	.29931	44573	13341	189806	413515	9.277	2.522
80	.10579	.41651	31232	13008	122962	223709	7.163	2.448
85	.18089	******	18224	18224	100747	100747	5.528	5.528

AGE	M(X)	Q(X)	I(X)	D(X)	L(X)	T(X)	E(X)	A(X)
0	.07687	.07278	100000	7278	94675	6600008	66.000	0.268
1	.00391	.01549	92722	1437	367162	6505333	70.159	1.406
5	.00077	.00385	91286	352	455550	6138171	67.241	2.500
10	.00062	.00309	90934	281	453968	5682621	62.492	2.500
15	.00100	.00499	90653	452	452212	5228653	57.678	2.673
20	.00144	.00716	90201	646	449469	4776441	52.953	2.623
25	.00183	.00912	89555	816	445813	4326972	48.316	2.596
30	.00232	.01156	88739	1025	441233	3881160	43.737	2.601
35	.00305	.01514	87713	1328	435395	3439927	39.218	2.613
40	.00412	.02041	86385	1763	427732	3004532	34.781	2.622
45	.00572	.02819	84622	2386	417447	2576800	30.451	2.627
50	.00802	.03937	82236	3238	403536	2159353	26.258	2.639
55	.01207	.05870	78998	4637	384086	1755817	22.226	2.648
60	.01844	.08836	74361	6571	356378	1371731	18.447	2.652
65	.03011	.14052	67790	9526	316337	1015354	14.978	2.626
70	.04559	.20526	58265	11959	262323	699017	11.997	2.575
75	.06812	.29153	46305	13499	198161	436694	9.431	2.528
80	.10326	.40887	32806	13413	129894	238533	7.271	2.455
85	.17850	******	19392	19392	108639	108639	5.602	5.602

AGE	M(X)	Q(X)	I(X)	D(X)	L(X)	T(X)	E(X)	A(X)
0	.07245	.06875	100000	6875	94887	6700004	67.000	0.256
1	.00352	.01397	93125	1301	369134	6605117	70.927	1.412
5	.00069	.00346	91824	318	458327	6235983	67.912	2.500
10	.00056	.00279	91506	255	456893	5777656	63.139	2.500
15	.00090	.00448	91251	409	455304	5320762	58.309	2.672
20	.00129	.00642	90842	583	452826	4865458	53.559	2.624
25	.00165	.00823	90259	743	449512	4412632	48.889	2.599
30	.00211	.01050	89516	940	445331	3963120	44.273	2.605
35	.00280	.01390	88577	1231	439951	3517789	39.715	2.618
40	.00383	.01898	87345	1657	432795	3077838	35.238	2.628
45	.00536	.02648	85688	2269	423065	2645043	30.868	2.631
50	.00758	.03724	83419	3107	409771	2221978	26.636	2.643
55	.01147	.05585	80312	4486	391028	1812207	22.565	2.652
60	.01762	.08458	75827	6414	364100	1421180	18.743	2.656
65	.02895	.13545	69413	9402	324786	1057080	15.229	2.630
70	.04401	.19888	60011	11935	271169	732294	12.203	2.580
75	.06593	.28358	48076	13633	206774	461125	9.592	2.535
80	.10068	.40098	34443	13811	137171	254351	7.385	2.463
85	.17607	******	20632	20632	117180	117180	5.680	5.680

AGE	M(X)	Q(X)	I(X)	D(X)	L(X)	T(X)	E(X)	A(X)
0	.06811	.06478	100000	6478	95105	6800002	68.000	0.244
1	.00316	.01254	93522	1172	371063	6704897	71.693	1.419
5	.00062	.00310	92350	287	461033	6333834	68.585	2.500
10	.00050	.00250	92063	231	459741	5872800	63.791	2.500
15	.00080	.00400	91833	368	458308	5413060	58.945	2.671
20	.00115	.00574	91465	525	456081	4954752	54.171	2.626
25	.00148	.00740	90941	673	453090	4498671	49.468	2.602
30	.00191	.00949	90268	857	449290	4045581	44.818	2.609
35	.00256	.01271	89411	1137	444353	3596290	40.222	2.624
40	.00355	.01759	88274	1553	437696	3151937	35.706	2.633
45	.00502	.02480	86722	2151	428522	2714241	31.298	2.636
50	.00715	.03515	84571	2972	415857	2285720	27.027	2.646
55	.01088	.05303	81598	4327	397846	1869863	22.915	2.655
60	.01680	.08081	77271	6244	371747	1472017	19.050	2.660
65	.02778	.13034	71027	9258	333242	1100270	15.491	2.635
70	.04242	.19239	61769	11884	280140	767029	12.418	2.585
75	.06372	.27544	49885	13740	215650	486888	9.760	2.542
80	.09805	.39282	36145	14199	144806	271239	7.504	2.470
85	.17358	******	21946	21946	126433	126433	5.761	5.761

AGE	M(X)	Q(X)	I(X)	D(X)	L(X)	T(X)	E(X)	A(X)
0	.06385	.06086	100000	6086	95329	6900001	69.000	0.233
1	.00282	.01120	93914	1052	372946	6804671	72.457	1.425
5	.00055	.00277	92862	257	463667	6431725	69.261	2.500
10	.00045	.00224	92605	207	462507	5968058	64.446	2.500
15	.00071	.00356	92398	329	461222	5505550	59.585	2.670
20	.00102	.00510	92069	469	459230	5044328	54.789	2.627
25	.00133	.00662	91599	606	456545	4585098	50.056	2.605
30	.00172	.00855	90993	778	453109	4128553	45.372	2.613
35	.00233	.01158	90215	1045	448598	3675444	40.741	2.630
40	.00327	.01625	89170	1449	442429	3226846	36.188	2.639
45	.00468	.02317	87721	2032	433810	2784417	31.742	2.640
50	.00672	.03308	85689	2835	421783	2350607	27.432	2.650
55	.01029	.05023	82854	4162	404529	1928823	23.280	2.659
60	.01598	.07703	78692	6062	379306	1524294	19.370	2.665
65	.02661	.12520	72631	9093	341693	1144988	15.765	2.640
70	.04082	.18581	63538	11806	289228	803296	12.643	2.589
75	.06147	.26711	51732	13818	224787	514067	9.937	2.549
80	.09537	.38438	37914	14573	152816	289281	7.630	2.478
85	.17104	******	23340	23340	136464	136464	5.847	5.847

AGE	M(X)	Q(X)	I(X)	D(X)	L(X)	T(X)	E(X)	A(X)
0	.05967	.05702	100000	5702	95559	7000000	70.000	0.221
1	.00250	.00995	94298	939	374783	6904441	73.219	1.431
5	.00049	.00245	93360	229	466227	6529659	69.941	2.500
10	.00040	.00199	93131	185	465191	6063432	65.107	2.500
15	.00063	.00315	92945	293	464044	5598241	60.231	2.669
20	.00090	.00451	92653	418	462273	5134197	55.413	2.629
25	.00118	.00589	92235	544	459875	4671924	50.652	2.609
30	.00154	.00767	91691	703	456783	4212049	45.937	2.618
35	.00211	.01051	90989	956	452682	3755267	41.272	2.636
40	.00301	.01495	90032	1346	446990	3302585	36.682	2.645
45	.00436	.02157	88686	1913	438924	2855594	32.199	2.645
50	.00630	.03105	86773	2694	427543	2416670	27.851	2.654
55	.00971	.04746	84079	3990	411067	1989128	23.658	2.663
60	.01517	.07327	80088	5868	386764	1578061	19.704	2.669
65	.02544	.12001	74220	8907	350124	1191297	16.051	2.645
70	.03920	.17912	65313	11699	298422	841173	12.879	2.594
75	.05920	.25859	53614	13864	234185	542751	10.123	2.556
80	.09262	.37565	39750	14932	161215	308565	7.763	2.486
85	.16843	******	24818	24818	147350	147350	5.937	5.937

AGE	M(X)	Q(X)	I(X)	D(X)	L(X)	T(X)	E(X)	A(X)
0	.05558	.05324	100000	5324	95793	7100000	71.000	0.210
1	.00221	.00880	94676	833	376571	7004207	73.981	1.437
5	.00043	.00216	93843	203	468709	6627637	70.624	2.500
10	.00035	.00176	93640	165	467789	6158928	65.772	2.500
15	.00056	.00277	93475	259	466772	5691138	60.884	2.668
20	.00079	.00396	93216	369	465206	5224366	56.046	2.630
25	.00105	.00522	92847	485	463077	4759160	51.258	2.612
30	.00137	.00684	92362	631	460310	4296083	46.513	2.622
35	.00191	.00949	91731	871	456601	3835773	41.816	2.642
40	.00276	.01371	90860	1246	451374	3379172	37.191	2.651
45	.00404	.02002	89614	1794	443855	2927798	32.671	2.650
50	.00589	.02906	87820	2552	433125	2483943	28.284	2.658
55	.00913	.04472	85269	3813	417447	2050818	24.051	2.667
60	.01437	.06951	81456	5662	394107	1633371	20.052	2.674
65	.02427	.11478	75794	8700	358522	1239264	16.350	2.650
70	.03758	.17233	67094	11562	307711	880743	13.127	2.599
75	.05690	.24987	55531	13875	243842	573032	10.319	2.563
80	.08982	.36660	41656	15271	170017	329189	7.903	2.494
85	.16576	******	26385	26385	159173	159173	6.033	6.033

AGE	M(X)	Q(X)	I(X)	D(X)	L(X)	T(X)	E(X)	A(X)
0	.05158	.04954	100000	4954	96030	7200000	72.000	0.199
1	.00194	.00773	95046	735	378308	7103970	74.742	1.443
5	.00038	.00190	94312	179	471112	6725662	71.313	2.500
10	.00031	.00155	94133	146	470300	6254550	66.444	2.500
15	.00049	.00243	93987	228	469404	5784250	61.543	2.667
20	.00069	.00346	93759	325	468027	5314847	56.686	2.632
25	.00092	.00460	93435	429	466149	4846820	51.874	2.615
30	.00122	.00606	93005	564	463688	4380670	47.101	2.627
35	.00171	.00853	92441	789	460352	3916983	42.373	2.648
40	.00252	.01252	91653	1147	455575	3456631	37.714	2.657
45	.00373	.01851	90505	1675	448598	3001055	33.159	2.655
50	.00549	.02710	88830	2407	438521	2552458	28.734	2.662
55	.00857	.04201	86423	3630	423657	2113936	24.460	2.671
60	.01357	.06577	82792	5445	401320	1690279	20.416	2.678
65	.02309	.10953	77347	8471	366869	1288959	16.665	2.655
70	.03594	.16544	68876	11395	317080	922090	13.388	2.604
75	.05458	.24095	57481	13850	253753	605011	10.525	2.570
80	.08696	.35722	43631	15586	179235	351257	8.051	2.503
85	.16303	******	28045	28045	172023	172023	6.134	6.134

AGE	M(X)	Q(X)	I(X)	D(X)	L(X)	T(X)	E(X)	A(X)
0	.04769	.04591	100000	4591	96271	7299998	73.000	0.188
1	.00169	.00675	95409	644	379992	7203727	75.504	1.449
5	.00033	.00165	94765	157	473432	6823735	72.007	2.500
10	.00027	.00135	94608	128	472721	6350303	67.122	2.500
15	.00042	.00211	94480	199	471935	5877582	62.210	2.665
20	.00060	.00300	94281	283	470735	5405646	57.336	2.634
25	.00081	.00402	93998	378	469089	4934912	52.500	2.619
30	.00107	.00535	93620	501	466914	4465823	47.702	2.631
35	.00153	.00763	93119	710	463931	3998909	42.944	2.655
40	.00229	.01138	92409	1052	459589	3534978	38.254	2.664
45	.00344	.01704	91358	1557	453144	3075389	33.663	2.660
50	.00510	.02519	89800	2262	443722	2622245	29.201	2.666
55	.00801	.03933	87538	3443	429686	2178523	24.886	2.675
60	.01278	.06205	84095	5218	408387	1748837	20.796	2.683
65	.02192	.10424	78877	8222	375147	1340450	16.994	2.660
70	.03429	.15846	70655	11196	326513	965303	13.662	2.609
75	.05223	.23183	59460	13785	263910	638790	10.743	2.578
80	.08403	.34751	45675	15872	188879	374879	8.208	2.512
85	.16023	******	29803	29803	186000	186000	6.241	6.241

AGE	M(X)	Q(X)	I(X)	D(X)	L(X)	T(X)	E(X)	A(X)
0	.04391	.04238	100000	4238	96513	7400000	74.000	0.177
1	.00147	.00585	95762	560	381621	7303487	76.267	1.455
5	.00029	.00143	95202	136	475668	6921866	72.707	2.500
10	.00024	.00118	95066	112	475048	6446198	67.808	2.500
15	.00036	.00182	94954	173	474366	5971150	62.885	2.664
20	.00052	.00259	94781	245	473326	5496784	57.994	2.635
25	.00070	.00349	94536	330	471894	5023459	53.138	2.622
30	.00094	.00468	94206	441	469985	4551565	48.315	2.636
35	.00136	.00678	93764	635	467336	4081580	43.530	2.662
40	.00207	.01029	93129	958	463412	3614244	38.809	2.671
45	.00315	.01563	92170	1441	457488	3150832	34.185	2.665
50	.00472	.02332	90730	2116	448719	2693344	29.685	2.670
55	.00747	.03670	88614	3252	435521	2244625	25.330	2.679
60	.01199	.05835	85362	4981	415292	1809105	21.193	2.688
65	.02074	.09893	80381	7952	383339	1393812	17.340	2.665
70	.03263	.15137	72429	10964	335993	1010473	13.951	2.615
75	.04986	.22252	61465	13677	274304	674481	10.973	2.586
80	.08105	.33743	47788	16125	198961	400177	8.374	2.521
85	.15736	******	31663	31663	201216	201216	6.355	6.355

AGE	M(X)	Q(X)	I(X)	D(X)	L(X)	T(X)	E(X)	A(X)
0	.04025	.03895	100000	3895	96755	7500000	75.000	0.167
1	.00126	.00503	96105	484	383193	7403245	77.033	1.461
5	.00025	.00123	95622	117	477815	7020051	73.415	2.500
10	.00020	.00101	95504	97	477280	6542236	68.502	2.500
15	.00031	.00156	95408	148	476691	6064956	63.569	2.662
20	.00044	.00221	95259	211	475798	5588265	58.664	2.637
25	.00060	.00301	95048	286	474562	5112467	53.788	2.626
30	.00082	.00407	94762	386	472899	4637905	48.943	2.642
35	.00120	.00599	94376	565	470562	4165006	44.132	2.669
40	.00186	.00926	93811	868	467038	3694443	39.382	2.678
45	.00287	.01427	92942	1326	461624	3227406	34.725	2.671
50	.00434	.02150	91617	1970	453502	2765782	30.189	2.675
55	.00693	.03411	89647	3058	441148	2312280	25.793	2.683
60	.01122	.05468	86588	4735	422019	1871132	21.609	2.693
65	.01957	.09360	81854	7662	391423	1449114	17.704	2.671
70	.03097	.14421	74192	10699	345497	1057691	14.256	2.620
75	.04747	.21300	63493	13524	284920	712194	11.217	2.594
80	.07800	.32699	49969	16339	209486	427274	8.551	2.530
85	.15441	******	33630	33630	217789	217789	6.476	6.476

AGE	M(X)	Q(X)	I(X)	D(X)	L(X)	T(X)	E(X)	A(X)
0	.26744	.22680	100000	22680	84804	3499992	35.000	0.330
1	.05842	.20238	77320	15648	267844	3415187	44.169	1.352
5	.00970	.04734	61672	2919	301061	3147343	51.034	2.500
10	.00384	.01901	58753	1117	290970	2846282	48.445	2.500
15	.00435	.02154	57635	1242	285135	2555312	44.336	2.550
20	.00510	.02520	56394	1421	278500	2270177	40.256	2.560
25	.00610	.03005	54973	1652	270848	1991677	36.230	2.570
30	.00757	.03718	53321	1982	261809	1720829	32.273	2.582
35	.00974	.04758	51338	2443	250813	1459019	28.420	2.593
40	.01305	.06325	48896	3093	237046	1208207	24.710	2.597
45	.01765	.08465	45803	3877	219700	971160	21.203	2.597
50	.02482	.11706	41926	4908	197762	751461	17.923	2.582
55	.03350	.15488	37018	5733	171157	553698	14.957	2.570
60	.04847	.21659	31285	6776	139812	382542	12.228	2.548
65	.06861	.29286	24509	7178	104615	242730	9.904	2.502
70	.09727	.38910	17331	6744	69326	138115	7.969	2.430
75	.12983	.48246	10587	5108	39345	68789	6.497	2.339
80	.16452	.56743	5479	3109	18899	29444	5.374	2.267
85	.22477	******	2370	2370	10545	10545	4.449	4.449

AGE	M(X)	Q(X)	I(X)	D(X)	L(X)	T(X)	E(X)	A(X)
0	.25865	.22045	100000	22045	85230	3600000	36.000	0.330
1	.05549	.19354	77955	15087	271869	3514770	45.087	1.352
5	.00922	.04506	62868	2833	307257	3242901	51.583	2.500
10	.00366	.01815	60035	1090	297450	2935644	48.899	2.500
15	.00417	.02062	58945	1216	291748	2638194	44.757	2.551
20	.00488	.02413	57729	1393	285248	2346446	40.646	2.560
25	.00585	.02882	56336	1624	277736	2061198	36.587	2.570
30	.00726	.03566	54713	1951	268848	1783462	32.597	2.583
35	.00936	.04579	52762	2416	258000	1514614	28.707	2.595
40	.01259	.06112	50346	3077	244342	1256615	24.960	2.599
45	.01711	.08219	47269	3885	227020	1012272	21.415	2.600
50	.02418	.11425	43384	4957	204948	785252	18.100	2.585
55	.03279	.15184	38427	5835	177972	580304	15.101	2.573
60	.04760	.21315	32592	6947	145950	402331	12.344	2.551
65	.06753	.28896	25645	7410	109739	256382	9.997	2.505
70	.09593	.38491	18235	7019	73163	146643	8.042	2.434
75	.12831	.47844	11216	5366	41823	73480	6.551	2.343
80	.16299	.56406	5850	3300	20244	31657	5.412	2.271
85	.22344	******	2550	2550	11413	11413	4.475	4.475

AGE	M(X)	Q(X)	I(X)	D(X)	L(X)	T(X)	E(X)	A(X)
0	.25008	.21419	100000	21419	85649	3700000	37.000	0.330
1	.05269	.18494	78581	14533	275839	3614351	45.995	1.352
5	.00876	.04288	64048	2746	313372	3338512	52.125	2.500
10	.00350	.01733	61301	1062	303851	3025140	49.349	2.500
15	.00399	.01973	60239	1189	298286	2721288	45.175	2.552
20	.00467	.02311	59050	1364	291924	2423003	41.033	2.561
25	.00560	.02763	57686	1594	284558	2131079	36.943	2.571
30	.00695	.03419	56092	1918	275827	1846521	32.919	2.584
35	.00900	.04405	54174	2386	265138	1570693	28.993	2.598
40	.01215	.05905	51788	3058	251606	1305555	25.210	2.602
45	.01659	.07979	48730	3888	234330	1053949	21.628	2.603
50	.02356	.11148	44842	4999	212152	819619	18.278	2.588
55	.03208	.14884	39843	5930	184837	607466	15.247	2.576
60	.04674	.20973	33912	7112	152167	422629	12.462	2.554
65	.06645	.28507	26800	7640	114965	270462	10.092	2.508
70	.09460	.38070	19160	7294	77109	155497	8.116	2.438
75	.12679	.47439	11866	5629	44397	78388	6.606	2.347
80	.16147	.56067	6237	3497	21655	33991	5.450	2.275
85	.22212	******	2740	2740	12336	12336	4.502	4.502

AGE	M(X)	Q(X)	I(X)	D(X)	L(X)	T(X)	E(X)	A(X)
0	.24172	.20803	100000	20803	86062	3800000	38.000	0.330
1	.04999	.17659	79197	13986	279755	3713938	46.895	1.352
5	.00833	.04078	65212	2659	319409	3434183	52.662	2.500
10	.00333	.01653	62552	1034	310175	3114773	49.795	2.500
15	.00381	.01888	61518	1161	304748	2804598	45.590	2.553
20	.00447	.02212	60357	1335	298528	2499850	41.418	2.562
25	.00536	.02648	59022	1563	291314	2201322	37.297	2.572
30	.00666	.03277	57459	1883	282748	1910008	33.241	2.586
35	.00865	.04237	55576	2354	272228	1627260	29.280	2.600
40	.01173	.05703	53221	3035	258836	1355032	25.460	2.605
45	.01608	.07743	50186	3886	241628	1096196	21.843	2.606
50	.02295	.10875	46300	5035	219372	854568	18.457	2.592
55	.03139	.14587	41265	6019	191750	635195	15.393	2.579
60	.04589	.20633	35245	7272	158463	443445	12.582	2.557
65	.06539	.28118	27973	7866	120293	284982	10.188	2.512
70	.09327	.37649	20108	7570	81167	164689	8.190	2.441
75	.12528	.47032	12537	5897	47069	83521	6.662	2.351
80	.15995	.55724	6641	3701	23135	36452	5.489	2.279
85	.22079	******	2940	2940	13317	13317	4.529	4.529

AGE	M(X)	Q(X)	I(X)	D(X)	L(X)	T(X)	E(X)	A(X)
0	.23354	.20194	100000	20194	86470	3900000	39.000	0.330
1	.04741	.16848	79806	13445	283619	3813530	47.785	1.352
5	.00791	.03877	66360	2573	325369	3529912	53.193	2.500
10	.00318	.01577	63787	1006	316422	3204543	50.238	2.500
15	.00364	.01805	62781	1133	311135	2888121	46.003	2.554
20	.00428	.02116	61648	1304	305061	2576986	41.802	2.563
25	.00514	.02537	60344	1531	298003	2271924	37.650	2.573
30	.00638	.03140	58813	1847	289608	1973922	33.563	2.587
35	.00831	.04073	56966	2320	279267	1684314	29.567	2.602
40	.01131	.05506	54646	3009	266031	1405047	25.712	2.607
45	.01558	.07512	51637	3879	248912	1139016	22.058	2.609
50	.02235	.10607	47758	5065	226605	890104	18.638	2.595
55	.03071	.14292	42692	6102	198708	663499	15.541	2.582
60	.04505	.20294	36591	7426	164837	464791	12.702	2.560
65	.06433	.27730	29165	8088	125725	299954	10.285	2.515
70	.09194	.37226	21078	7846	85339	174229	8.266	2.445
75	.12376	.46622	13231	6169	49843	88890	6.718	2.356
80	.15843	.55379	7063	3911	24687	39047	5.529	2.283
85	.21946	******	3151	3151	14360	14360	4.557	4.557

AGE	M(X)	Q(X)	I(X)	D(X)	L(X)	T(X)	E(X)	A(X)
0	.22555	.19594	100000	19594	86872	4000000	40.000	0.330
1	.04492	.16059	80406	12913	287431	3913128	48.667	1.352
5	.00751	.03684	67493	2486	331250	3625698	53.719	2.500
10	.00303	.01503	65007	977	322592	3294447	50.678	2.500
15	.00348	.01725	64030	1105	317448	2971855	46.414	2.555
20	.00409	.02024	62925	1273	311522	2654408	42.184	2.563
25	.00492	.02429	61652	1498	304624	2342885	38.002	2.573
30	.00610	.03007	60154	1809	296407	2038261	33.884	2.588
35	.00798	.03914	58345	2284	286254	1741854	29.854	2.604
40	.01090	.05314	56061	2979	273187	1455600	25.964	2.610
45	.01510	.07286	53082	3868	256178	1182413	22.275	2.613
50	.02176	.10341	49215	5089	233849	926235	18.820	2.598
55	.03003	.14000	44125	6178	205709	692386	15.691	2.585
60	.04421	.19956	37948	7573	171286	486677	12.825	2.563
65	.06327	.27342	30375	8305	131260	315391	10.383	2.518
70	.09062	.36801	22070	8122	89626	184131	8.343	2.448
75	.12225	.46209	13948	6445	52722	94505	6.776	2.360
80	.15690	.55030	7503	4129	26314	41783	5.569	2.287
85	.21813	******	3374	3374	15468	15468	4.585	4.585

AGE	M(X)	Q(X)	I(X)	D(X)	L(X)	T(X)	E(X)	A(X)
0	.21774	.19002	100000	19002	87269	4100000	41.000	0.330
1	.04254	.15293	80998	12387	291192	4012731	49.541	1.352
5	.00712	.03498	68611	2400	337055	3721540	54.241	2.500
10	.00289	.01432	66211	948	328685	3384485	51.116	2.500
15	.00332	.01648	65263	1076	323685	3055799	46.823	2.556
20	.00391	.01934	64187	1242	317911	2732114	42.565	2.564
25	.00470	.02325	62946	1463	311177	2414203	38.354	2.574
30	.00584	.02879	61482	1770	303144	2103026	34.206	2.589
35	.00766	.03759	59712	2245	293187	1799882	30.143	2.607
40	.01051	.05126	57467	2946	280304	1506695	26.218	2.613
45	.01462	.07063	54521	3851	263424	1226391	22.494	2.616
50	.02118	.10079	50670	5107	241100	962967	19.005	2.601
55	.02936	.13710	45563	6247	212751	721867	15.843	2.588
60	.04338	.19619	39317	7713	177810	509116	12.949	2.566
65	.06222	.26953	31603	8518	136899	331306	10.483	2.521
70	.08930	.36374	23085	8397	94031	194408	8.421	2.452
75	.12073	.45792	14688	6726	55710	100377	6.834	2.364
80	.15537	.54677	7962	4353	28020	44667	5.610	2.292
85	.21679	******	3609	3609	16646	16646	4.613	4.613

AGE	M(X)	Q(X)	I(X)	D(X)	L(X)	T(X)	E(X)	A(X)
0	.21009	.18416	100000	18416	87661	4200001	42.000	0.330
1	.04025	.14549	81584	11870	294902	4112340	50.407	1.352
5	.00675	.03319	69714	2314	342784	3817437	54.759	2.500
10	.00275	.01364	67400	919	334701	3474654	51.553	2.500
15	.00317	.01574	66481	1046	329847	3139952	47.231	2.557
20	.00373	.01848	65434	1209	324227	2810105	42.945	2.565
25	.00450	.02224	64225	1428	317662	2485878	38.706	2.575
30	.00558	.02754	62797	1730	309817	2168216	34.527	2.591
35	.00735	.03609	61067	2204	300066	1858400	30.432	2.609
40	.01012	.04943	58863	2909	287378	1558334	26.474	2.616
45	.01415	.06845	55954	3830	270648	1270956	22.714	2.619
50	.02061	.09820	52124	5118	248357	1000307	19.191	2.604
55	.02870	.13421	47005	6309	219831	751951	15.997	2.591
60	.04255	.19282	40697	7847	184406	532120	13.075	2.569
65	.06117	.26563	32849	8726	142641	347714	10.585	2.524
70	.08798	.35945	24124	8671	98556	205073	8.501	2.456
75	.11922	.45371	15452	7011	58810	106517	6.893	2.368
80	.15383	.54319	8441	4585	29808	47707	5.652	2.296
85	.21544	******	3856	3856	17899	17899	4.642	4.642

AGE	M(X)	Q(X)	I(X)	D(X)	L(X)	T(X)	E(X)	A(X)
0	.20260	.17838	100000	17838	88048	4300001	43.000	0.330
1	.03805	.13827	82162	11361	298564	4211953	51.264	1.352
5	.00639	.03147	70801	2228	348436	3913389	55.273	2.500
10	.00261	.01298	68573	890	340641	3564953	51.988	2.500
15	.00303	.01502	67683	1017	335933	3224313	47.638	2.558
20	.00356	.01764	66667	1176	330470	2888379	43.326	2.566
25	.00430	.02126	65490	1392	324076	2557910	39.058	2.575
30	.00533	.02633	64098	1688	316425	2233833	34.850	2.592
35	.00704	.03463	62410	2161	306887	1917408	30.723	2.611
40	.00975	.04763	60249	2870	294409	1610521	26.731	2.618
45	.01369	.06630	57379	3804	277847	1316113	22.937	2.622
50	.02004	.09563	53575	5124	255616	1038266	19.380	2.608
55	.02804	.13135	48451	6364	226946	782650	16.153	2.594
60	.04173	.18946	42087	7974	191075	555703	13.204	2.572
65	.06013	.26172	34113	8928	148487	364628	10.689	2.527
70	.08666	.35512	25185	8944	103203	216141	8.582	2.459
75	.11769	.44946	16241	7300	62025	112938	6.954	2.372
80	.15228	.53956	8942	4825	31683	50913	5.694	2.300
85	.21409	******	4117	4117	19230	19230	4.671	4.671

AGE	M(X)	Q(X)	I(X)	D(X)	L(X)	T(X)	E(X)	A(X)
0	.19526	.17267	100000	17267	88431	4400002	44.000	0.330
1	.03594	.13126	82733	10859	302176	4311571	52.114	1.352
5	.00605	.02981	71874	2143	354011	4009395	55.784	2.500
10	.00248	.01234	69731	861	346503	3655383	52.421	2.500
15	.00288	.01432	68870	986	341943	3308881	48.045	2.559
20	.00339	.01683	67884	1143	336639	2966937	43.706	2.566
25	.00410	.02031	66741	1356	330420	2630299	39.410	2.576
30	.00509	.02516	65385	1645	322967	2299879	35.174	2.593
35	.00675	.03321	63740	2117	313649	1976911	31.015	2.613
40	.00938	.04588	61624	2827	301392	1663262	26.991	2.621
45	.01324	.06419	58797	3774	285019	1361870	23.162	2.625
50	.01949	.09310	55023	5122	262875	1076851	19.571	2.611
55	.02739	.12850	49900	6412	234096	813977	16.312	2.597
60	.04091	.18610	43488	8093	197814	579881	13.334	2.575
65	.05908	.25779	35395	9125	154438	382067	10.794	2.530
70	.08534	.35076	26270	9215	107975	227629	8.665	2.463
75	.11616	.44516	17056	7593	65360	119654	7.015	2.376
80	.15072	.53588	9463	5071	33647	54293	5.737	2.304
85	.21273	******	4392	4392	20646	20646	4.701	4.701

AGE	M(X)	Q(X)	I(X)	D(X)	L(X)	T(X)	E(X)	A(X)
0	.18807	.16702	100000	16702	88810	4500004	45.000	0.330
1	.03391	.12446	83298	10367	305740	4411194	52.957	1.352
5	.00572	.02822	72931	2058	359511	4105454	56.292	2.500
10	.00236	.01173	70873	831	352287	3745943	52.854	2.500
15	.00275	.01365	70042	956	347877	3393656	48.452	2.560
20	.00323	.01605	69086	1109	342733	3045779	44.087	2.567
25	.00392	.01939	67977	1318	336692	2703046	39.764	2.577
30	.00486	.02403	66659	1602	329442	2366355	35.499	2.594
35	.00646	.03182	65057	2070	320351	2036913	31.309	2.615
40	.00902	.04416	62987	2782	308327	1716562	27.252	2.624
45	.01280	.06211	60206	3739	292160	1408235	23.390	2.628
50	.01894	.09059	56467	5115	270130	1116075	19.765	2.614
55	.02674	.12565	51352	6453	241276	845945	16.474	2.601
60	.04010	.18274	44899	8205	204623	604669	13.467	2.578
65	.05804	.25385	36694	9315	160493	400047	10.902	2.533
70	.08401	.34636	27379	9483	112874	239553	8.749	2.467
75	.11463	.44080	17896	7889	68820	126679	7.078	2.381
80	.14915	.53215	10008	5326	35707	57859	5.781	2.309
85	.21136	******	4682	4682	22152	22152	4.731	4.731

AGE	M(X)	Q(X)	I(X)	D(X)	L(X)	T(X)	E(X)	A(X)
0	.18101	.16143	100000	16143	89184	4600006	46.000	0.330
1	.03196	.11786	83857	9883	309256	4510822	53.792	1.352
5	.00541	.02668	73974	1974	364933	4201566	56.798	2.500
10	.00224	.01114	72000	802	357994	3836633	53.287	2.500
15	.00262	.01299	71198	925	353733	3478639	48.859	2.561
20	.00308	.01529	70273	1074	348751	3124906	44.468	2.568
25	.00373	.01850	69198	1280	342891	2776155	40.119	2.577
30	.00464	.02292	67918	1557	335847	2433264	35.826	2.595
35	.00618	.03047	66361	2022	326990	2097417	31.606	2.618
40	.00867	.04248	64340	2733	315211	1770427	27.517	2.626
45	.01236	.06006	61607	3700	299268	1455216	23.621	2.631
50	.01839	.08810	57907	5101	277379	1155949	19.962	2.617
55	.02610	.12283	52805	6486	248485	878570	16.638	2.604
60	.03928	.17937	46319	8308	211498	630085	13.603	2.581
65	.05700	.24989	38011	9498	166654	418587	11.012	2.536
70	.08268	.34191	28513	9749	117903	251933	8.836	2.470
75	.11308	.43638	18764	8188	72408	134029	7.143	2.385
80	.14756	.52835	10576	5588	37866	61621	5.827	2.313
85	.20998	******	4988	4988	23755	23755	4.762	4.762

AGE	M(X)	Q(X)	I(X)	D(X)	L(X)	T(X)	E(X)	A(X)
0	.17409	.15591	100000	15591	89554	4700009	47.000	0.330
1	.03008	.11146	84409	9408	312724	4610455	54.620	1.352
5	.00511	.02521	75001	1891	370279	4297731	57.302	2.500
10	.00212	.01056	73111	772	363622	3927452	53.719	2.500
15	.00249	.01236	72338	894	359511	3563830	49.266	2.562
20	.00293	.01455	71444	1040	354692	3204319	44.851	2.568
25	.00356	.01763	70404	1242	349015	2849626	40.475	2.578
30	.00442	.02185	69163	1511	342182	2500611	36.155	2.597
35	.00591	.02915	67652	1972	333564	2158429	31.905	2.620
40	.00833	.04083	65680	2682	322040	1824865	27.784	2.629
45	.01194	.05804	62998	3656	306339	1502824	23.855	2.634
50	.01785	.08563	59342	5081	284618	1196485	20.163	2.621
55	.02546	.12000	54260	6511	255719	911867	16.805	2.607
60	.03847	.17600	47749	8404	218440	656148	13.742	2.584
65	.05595	.24590	39345	9675	172921	437707	11.125	2.539
70	.08135	.33742	29670	10011	123065	264787	8.924	2.474
75	.11153	.43189	19659	8491	76130	141721	7.209	2.389
80	.14596	.52448	11168	5858	40130	65592	5.873	2.318
85	.20858	******	5311	5311	25461	25461	4.794	4.794

AGE	M(X)	Q(X)	I(X)	D(X)	L(X)	T(X)	E(X)	A(X)
0	.16731	.15044	100000	15044	89920	4800000	48.000	0.330
1	.02829	.10526	84956	8942	316144	4710080	55.442	1.352
5	.00481	.02379	76013	1808	375547	4393936	57.805	2.500
10	.00201	.01001	74205	743	369170	4018389	54.152	2.500
15	.00236	.01175	73463	863	365209	3649219	49.675	2.563
20	.00279	.01384	72599	1005	360555	3284010	45.235	2.569
25	.00339	.01679	71595	1202	355063	2923454	40.833	2.579
30	.00420	.02081	70393	1465	348444	2568391	36.487	2.598
35	.00565	.02786	68928	1921	340071	2219947	32.207	2.622
40	.00799	.03921	67007	2628	328812	1879876	28.055	2.632
45	.01151	.05605	64379	3608	313371	1551064	24.093	2.637
50	.01732	.08318	60771	5055	291844	1237693	20.366	2.624
55	.02483	.11719	55716	6529	262976	945849	16.976	2.610
60	.03766	.17261	49187	8490	225446	682873	13.883	2.587
65	.05490	.24188	40696	9844	179293	457427	11.240	2.543
70	.08001	.33288	30853	10270	128362	278135	9.015	2.478
75	.10996	.42734	20583	8796	79990	149772	7.277	2.394
80	.14435	.52054	11787	6135	42505	69783	5.920	2.322
85	.20717	******	5651	5651	27278	27278	4.827	4.827

AGE	M(X)	Q(X)	I(X)	D(X)	L(X)	T(X)	E(X)	A(X)
0	.16064	.14503	100000	14503	90283	4900000	49.000	0.330
1	.02656	.09925	85497	8486	319516	4809717	56.256	1.352
5	.00453	.02242	77011	1726	380738	4490201	58.306	2.500
10	.00190	.00948	75284	713	374638	4109464	54.586	2.500
15	.00224	.01115	74571	832	370828	3734826	50.084	2.564
20	.00265	.01315	73739	969	366340	3363998	45.620	2.570
25	.00322	.01598	72770	1163	361034	2997658	41.194	2.579
30	.00400	.01980	71607	1418	354632	2636623	36.821	2.599
35	.00539	.02661	70189	1868	346509	2281992	32.512	2.624
40	.00766	.03763	68321	2571	335526	1935482	28.329	2.635
45	.01110	.05409	65750	3556	320361	1599957	24.334	2.640
50	.01679	.08075	62194	5022	299055	1279596	20.574	2.627
55	.02420	.11438	57172	6539	270252	980541	17.151	2.613
60	.03685	.16922	50633	8568	232514	710288	14.028	2.590
65	.05385	.23783	42065	10004	185771	477774	11.358	2.546
70	.07866	.32828	32060	10525	133799	292003	9.108	2.482
75	.10838	.42271	21536	9103	83994	158204	7.346	2.398
80	.14271	.51652	12432	6421	44995	74210	5.969	2.327
85	.20575	******	6011	6011	29214	29214	4.860	4.860

AGE	M(X)	Q(X)	I(X)	D(X)	L(X)	T(X)	E(X)	A(X)
0	.15411	.13968	100000	13968	90641	5000000	50.000	0.330
1	.02490	.09344	86032	8039	322840	4909359	57.065	1.352
5	.00427	.02110	77993	1646	385850	4586519	58.807	2.500
10	.00180	.00896	76347	684	380025	4200669	55.021	2.500
15	.00213	.01058	75663	800	376366	3820644	50.496	2.565
20	.00251	.01247	74863	934	372044	3444278	46.008	2.571
25	.00306	.01518	73929	1123	366927	3072234	41.557	2.580
30	.00380	.01882	72806	1370	360743	2705307	37.158	2.600
35	.00514	.02539	71436	1814	352876	2344564	32.820	2.627
40	.00734	.03608	69622	2512	342177	1991688	28.607	2.637
45	.01069	.05215	67110	3500	327305	1649511	24.579	2.644
50	.01627	.07834	63611	4983	306246	1322207	20.786	2.631
55	.02357	.11157	58627	6541	277546	1015960	17.329	2.617
60	.03604	.16580	52086	8636	239644	738414	14.177	2.593
65	.05280	.23375	43450	10156	192357	498771	11.479	2.549
70	.07731	.32362	33294	10775	139377	306414	9.203	2.486
75	.10679	.41800	22519	9413	88148	167036	7.418	2.403
80	.14106	.51241	13106	6716	47609	78888	6.019	2.331
85	.20430	******	6390	6390	31279	31279	4.895	4.895

AGE	M(X)	Q(X)	I(X)	D(X)	L(X)	T(X)	E(X)	A(X)
0	.14768	.13439	100000	13439	90996	5100000	51.000	0.330
1	.02331	.08782	86561	7602	326116	5009004	57.867	1.352
5	.00401	.01983	78959	1566	390882	4682888	59.308	2.500
10	.00170	.00846	77393	655	385330	4292006	55.457	2.500
15	.00201	.01002	76739	769	381821	3906676	50.909	2.566
20	.00238	.01182	75970	898	377666	3524855	46.398	2.571
25	.00290	.01441	75071	1082	372739	3147189	41.923	2.581
30	.00360	.01786	73989	1322	366776	2774450	37.498	2.601
35	.00490	.02420	72668	1758	359168	2407674	33.133	2.629
40	.00703	.03456	70909	2450	348763	2048506	28.889	2.640
45	.01029	.05024	68459	3439	334200	1699743	24.829	2.647
50	.01575	.07594	65019	4938	313414	1365543	21.002	2.634
55	.02294	.10877	60081	6535	284854	1052129	17.512	2.620
60	.03523	.16238	53547	8695	246832	767275	14.329	2.596
65	.05174	.22963	44852	10299	199050	520443	11.604	2.552
70	.07594	.31890	34553	11019	145102	321394	9.302	2.490
75	.10517	.41320	23534	9724	92458	176292	7.491	2.407
80	.13938	.50822	13810	7018	50352	83834	6.071	2.336
85	.20284	******	6791	6791	33481	33481	4.930	4.930

AGE	M(X)	Q(X)	I(X)	D(X)	L(X)	T(X)	E(X)	A(X)
0	.14138	.12915	100000	12915	91347	5200000	52.000	0.330
1	.02179	.08239	87085	7175	329343	5108653	58.663	1.352
5	.00376	.01861	79911	1487	395835	4779310	59.808	2.500
10	.00160	.00798	78423	626	390551	4383475	55.895	2.500
15	.00190	.00948	77797	738	387192	3992924	51.325	2.567
20	.00225	.01119	77060	863	383205	3605731	46.791	2.572
25	.00275	.01367	76197	1041	378468	3222527	42.292	2.581
30	.00342	.01694	75156	1273	372728	2844059	37.842	2.603
35	.00466	.02304	73883	1702	365384	2471331	33.449	2.631
40	.00672	.03307	72181	2387	355280	2105947	29.176	2.643
45	.00990	.04836	69794	3375	341042	1750666	25.083	2.650
50	.01524	.07356	66420	4886	320556	1409624	21.223	2.638
55	.02232	.10596	61534	6520	292171	1089069	17.699	2.623
60	.03441	.15893	55014	8743	254077	796898	14.485	2.599
65	.05068	.22547	46270	10432	205850	542821	11.732	2.556
70	.07456	.31410	35838	11257	150975	336971	9.403	2.494
75	.10355	.40831	24581	10037	96931	185997	7.567	2.412
80	.13768	.50392	14544	7329	53233	89066	6.124	2.341
85	.20135	******	7215	7215	35833	35833	4.966	4.966

AGE	M(X)	Q(X)	I(X)	D(X)	L(X)	T(X)	E(X)	A(X)
0	.13519	.12396	100000	12396	91695	5300000	53.000	0.330
1	.02032	.07714	87604	6758	332521	5208305	59.453	1.352
5	.00352	.01744	80846	1410	400706	4875784	60.309	2.500
10	.00151	.00752	79436	597	395688	4475078	56.336	2.500
15	.00180	.00896	78839	706	392478	4079390	51.743	2.568
20	.00213	.01058	78133	827	388658	3686912	47.188	2.573
25	.00260	.01294	77306	1000	384112	3298254	42.665	2.582
30	.00323	.01604	76306	1224	378598	2914142	38.190	2.604
35	.00443	.02190	75082	1644	371520	2535545	33.770	2.634
40	.00642	.03160	73438	2321	361726	2164025	29.467	2.646
45	.00951	.04649	71117	3307	347827	1802298	25.343	2.653
50	.01473	.07119	67811	4828	327666	1454472	21.449	2.641
55	.02169	.10315	62983	6497	299495	1126806	17.891	2.627
60	.03360	.15546	56486	8781	261376	827311	14.646	2.602
65	.04961	.22126	47705	10555	212757	565935	11.863	2.559
70	.07317	.30923	37150	11488	157000	353177	9.507	2.498
75	.10190	.40332	25662	10350	101573	196177	7.645	2.417
80	.13596	.49953	15312	7649	56258	94604	6.178	2.346
85	.19985	******	7663	7663	38345	38345	5.004	5.004

AGE	M(X)	Q(X)	I(X)	D(X)	L(X)	T(X)	E(X)	A(X)
0	.12910	.11883	100000	11883	92039	5400000	54.000	0.330
1	.01892	.07208	88117	6352	335650	5307961	60.237	1.352
5	.00329	.01631	81766	1334	405494	4972311	60.812	2.500
10	.00142	.00707	80432	568	400738	4566817	56.779	2.500
15	.00170	.00845	79863	675	397677	4166079	52.165	2.569
20	.00201	.00999	79189	791	394024	3768402	47.588	2.573
25	.00246	.01223	78398	959	389670	3374379	43.042	2.582
30	.00305	.01516	77439	1174	384381	2984709	38.543	2.605
35	.00420	.02079	76264	1586	377573	2600328	34.096	2.636
40	.00612	.03016	74679	2253	368097	2222755	29.764	2.649
45	.00912	.04466	72426	3234	354551	1854658	25.608	2.657
50	.01423	.06884	69192	4763	334740	1500107	21.680	2.645
55	.02107	.10034	64429	6465	306822	1165366	18.088	2.630
60	.03278	.15197	57964	8808	268728	858545	14.812	2.606
65	.04854	.21700	49155	10667	219773	589817	11.999	2.562
70	.07177	.30428	38489	11711	163183	370044	9.614	2.502
75	.10023	.39822	26777	10663	106391	206861	7.725	2.422
80	.13420	.49502	16114	7977	59438	100470	6.235	2.351
85	.19831	******	8137	8137	41032	41032	5.043	5.043

AGE	M(X)	Q(X)	I(X)	D(X)	L(X)	T(X)	E(X)	A(X)
0	.12313	.11375	100000	11375	92379	5500000	55.000	0.330
1	.01758	.06721	88625	5956	338729	5407621	61.017	1.352
5	.00307	.01523	82669	1259	410198	5068892	61.315	2.500
10	.00133	.00663	81410	540	405700	4658694	57.225	2.500
15	.00160	.00796	80870	644	402786	4252993	52.590	2.570
20	.00189	.00941	80226	755	399300	3850207	47.992	2.574
25	.00232	.01155	79471	918	395138	3450907	43.423	2.583
30	.00288	.01431	78553	1124	390076	3055769	38.900	2.606
35	.00398	.01971	77429	1527	383541	2665693	34.428	2.638
40	.00583	.02875	75903	2183	374388	2282153	30.067	2.652
45	.00874	.04284	73720	3158	361211	1907765	25.879	2.660
50	.01373	.06649	70562	4692	341775	1546554	21.918	2.648
55	.02045	.09753	65870	6424	314146	1204779	18.290	2.633
60	.03196	.14844	59446	8824	276128	890632	14.982	2.609
65	.04745	.21269	50621	10767	226896	614504	12.139	2.566
70	.07035	.29925	39855	11926	169525	387608	9.726	2.506
75	.09853	.39301	27928	10976	111394	218083	7.809	2.426
80	.13242	.49039	16952	8313	62780	106688	6.293	2.356
85	.19675	******	8639	8639	43908	43908	5.083	5.083

AGE	M(X)	Q(X)	I(X)	D(X)	L(X)	T(X)	E(X)	A(X)
0	.11726	.10872	100000	10872	92716	5600000	56.000	0.330
1	.01630	.06251	89128	5572	341757	5507284	61.791	1.352
5	.00286	.01419	83556	1186	414816	5165527	61.821	2.500
10	.00125	.00621	82370	512	410572	4750710	57.675	2.500
15	.00150	.00748	81859	613	407805	4340138	53.020	2.571
20	.00178	.00886	81246	720	404484	3932333	48.400	2.575
25	.00219	.01088	80526	876	400514	3527849	43.810	2.584
30	.00272	.01349	79650	1074	395679	3127335	39.263	2.607
35	.00377	.01866	78576	1466	389419	2731655	34.765	2.641
40	.00555	.02737	77109	2111	380596	2342237	30.376	2.655
45	.00837	.04105	74999	3079	367800	1961641	26.156	2.664
50	.01323	.06416	71920	4614	348766	1593840	22.161	2.652
55	.01983	.09470	67306	6374	321465	1245075	18.499	2.637
60	.03113	.14490	60931	8829	283575	923609	15.158	2.612
65	.04636	.20832	52103	10854	234127	640034	12.284	2.569
70	.06892	.29412	41249	12132	176032	405908	9.841	2.510
75	.09682	.38768	29117	11288	116590	229876	7.895	2.431
80	.13060	.48563	17829	8658	66296	113286	6.354	2.361
85	.19516	******	9171	9171	46990	46990	5.124	5.124

AGE	M(X)	Q(X)	I(X)	D(X)	L(X)	T(X)	E(X)	A(X)
0	.11150	.10375	100000	10375	93049	5700000	57.000	0.330
1	.01508	.05800	89625	5198	344734	5606951	62.560	1.352
5	.00266	.01319	84426	1114	419347	5262218	62.329	2.500
10	.00117	.00581	83313	484	415352	4842870	58.129	2.500
15	.00141	.00702	82828	582	412730	4427518	53.454	2.572
20	.00167	.00832	82247	684	409575	4014788	48.814	2.575
25	.00206	.01024	81563	835	405796	3605213	44.202	2.584
30	.00255	.01269	80728	1024	401188	3199418	39.632	2.609
35	.00356	.01764	79703	1406	395204	2798229	35.108	2.643
40	.00527	.02602	78298	2037	386717	2403026	30.691	2.658
45	.00800	.03928	76261	2995	374316	2016309	26.440	2.667
50	.01274	.06184	73265	4531	355706	1641993	22.412	2.656
55	.01921	.09188	68735	6315	328773	1286287	18.714	2.641
60	.03031	.14131	62420	8821	291064	957514	15.340	2.615
65	.04526	.20390	53599	10929	241465	666449	12.434	2.572
70	.06747	.28889	42670	12327	182707	424985	9.960	2.514
75	.09507	.38221	30343	11598	121987	242277	7.985	2.437
80	.12874	.48073	18746	9012	69996	120291	6.417	2.366
85	.19354	******	9734	9734	50295	50295	5.167	5.167

AGE	M(X)	Q(X)	I(X)	D(X)	L(X)	T(X)	E(X)	A(X)
0	.10589	.09884	100000	9884	93345	5800000	58.000	0.327
1	.01391	.05367	90116	4836	347673	5706655	63.326	1.355
5	.00246	.01224	85280	1044	423790	5358982	62.840	2.500
10	.00109	.00542	84236	457	420039	4935192	58.588	2.500
15	.00132	.00658	83779	551	417560	4515153	53.893	2.573
20	.00156	.00780	83228	649	414569	4097594	49.233	2.576
25	.00193	.00961	82580	794	410981	3683025	44.600	2.585
30	.00240	.01191	81786	974	406600	3272044	40.007	2.610
35	.00335	.01664	80811	1344	400893	2865444	35.458	2.646
40	.00499	.02469	79467	1962	392747	2464551	31.013	2.661
45	.00764	.03753	77505	2909	380753	2071804	26.731	2.671
50	.01225	.05953	74597	4440	362592	1691052	22.669	2.660
55	.01859	.08904	70156	6247	336066	1328459	18.936	2.644
60	.02947	.13770	63910	8800	298594	992393	15.528	2.619
65	.04415	.19940	55110	10989	248910	693799	12.589	2.576
70	.06600	.28355	44121	12510	189556	444888	10.083	2.518
75	.09330	.37661	31610	11905	127595	255332	8.078	2.442
80	.12685	.47568	19705	9373	73892	127737	6.482	2.372
85	.19189	******	10332	10332	53844	53844	5.211	5.211

AGE	M(X)	Q(X)	I(X)	D(X)	L(X)	T(X)	E(X)	A(X)
0	.10047	.09398	100000	9398	93541	5900000	59.000	0.313
1	.01279	.04951	90602	4486	350609	5806459	64.088	1.370
5	.00228	.01132	86116	975	428143	5455850	63.355	2.500
10	.00101	.00505	85141	430	424631	5027708	59.051	2.500
15	.00123	.00615	84711	521	422293	4603077	54.338	2.574
20	.00146	.00729	84191	614	419465	4180783	49.659	2.577
25	.00181	.00901	83577	753	416067	3761318	45.004	2.585
30	.00224	.01116	82824	924	411913	3345251	40.390	2.611
35	.00316	.01566	81900	1283	406483	2933338	35.816	2.649
40	.00473	.02338	80617	1885	398684	2526855	31.344	2.664
45	.00728	.03580	78732	2818	387107	2128172	27.030	2.675
50	.01176	.05722	75914	4344	369420	1741064	22.935	2.664
55	.01797	.08619	71570	6168	343341	1371644	19.165	2.648
60	.02863	.13404	65401	8767	306163	1028303	15.723	2.622
65	.04303	.19484	56635	11035	256465	722140	12.751	2.580
70	.06451	.27810	45600	12682	196585	465675	10.212	2.523
75	.09149	.37085	32919	12208	133427	269089	8.174	2.447
80	.12492	.47046	20711	9744	78000	135662	6.550	2.377
85	.19019	******	10967	10967	57662	57662	5.258	5.258

AGE	M(X)	Q(X)	I(X)	D(X)	L(X)	T(X)	E(X)	A(X)
0	.09513	.08918	100000	8918	93747	6000000	60.000	0.299
1	.01173	.04554	91082	4148	353479	5906253	64.846	1.384
5	.00210	.01044	86934	908	432401	5552774	63.873	2.500
10	.00094	.00469	86026	403	429123	5120373	59.521	2.500
15	.00115	.00573	85623	491	426925	4691249	54.790	2.575
20	.00136	.00680	85132	579	424259	4264324	50.091	2.577
25	.00169	.00842	84553	712	421048	3840066	45.416	2.586
30	.00210	.01043	83842	875	417119	3419017	40.780	2.613
35	.00296	.01471	82967	1220	411968	3001898	36.182	2.651
40	.00447	.02210	81746	1807	404518	2589930	31.683	2.668
45	.00693	.03409	79940	2725	393371	2185412	27.338	2.678
50	.01127	.05493	77214	4241	376180	1792041	23.209	2.668
55	.01734	.08333	72973	6081	350588	1415861	19.402	2.652
60	.02779	.13035	66893	8719	313761	1065273	15.925	2.626
65	.04189	.19020	58173	11065	264125	751511	12.919	2.583
70	.06300	.27253	47108	12839	203795	487387	10.346	2.527
75	.08966	.36493	34270	12506	139489	283592	8.275	2.453
80	.12294	.46508	21763	10122	82330	144103	6.621	2.383
85	.18846	******	11642	11642	61772	61772	5.306	5.306

AGE	M(X)	Q(X)	I(X)	D(X)	L(X)	T(X)	E(X)	A(X)
0	.08987	.08444	100000	8444	93965	6100000	61.000	0.285
1	.01073	.04174	91556	3822	356281	6006035	65.600	1.399
5	.00193	.00961	87734	843	436563	5649754	64.396	2.500
10	.00087	.00434	86891	377	433513	5213191	59.997	2.500
15	.00107	.00533	86514	461	431452	4779678	55.247	2.576
20	.00127	.00633	86053	545	428945	4348226	50.530	2.578
25	.00158	.00785	85508	671	425921	3919281	45.835	2.587
30	.00195	.00973	84837	825	422216	3493360	41.177	2.614
35	.00278	.01379	84012	1158	417342	3071144	36.556	2.654
40	.00421	.02085	82854	1727	410245	2653802	32.030	2.671
45	.00658	.03240	81126	2629	399538	2243558	27.655	2.682
50	.01079	.05264	78497	4132	382866	1844020	23.492	2.672
55	.01672	.08046	74365	5983	357800	1461154	19.648	2.656
60	.02694	.12662	68382	8658	321385	1103355	16.135	2.629
65	.04075	.18549	59724	11078	271886	781970	13.093	2.587
70	.06146	.26684	48646	12981	211189	510083	10.486	2.532
75	.08778	.35885	35665	12798	145792	298894	8.381	2.458
80	.12092	.45951	22867	10507	86899	153101	6.695	2.389
85	.18669	******	12359	12359	66203	66203	5.357	5.357

AGE	M(X)	Q(X)	I(X)	D(X)	L(X)	T(X)	E(X)	A(X)
0	.08469	.07977	100000	7977	94191	6200000	62.000	0.272
1	.00977	.03812	92023	3508	359015	6105809	66.351	1.413
5	.00177	.00881	88515	780	440625	5746793	64.925	2.500
10	.00080	.00401	87735	352	437797	5306168	60.479	2.500
15	.00099	.00494	87383	432	435871	4868371	55.713	2.578
20	.00118	.00587	86952	511	433521	4432500	50.977	2.579
25	.00146	.00730	86441	631	430681	3998979	46.263	2.587
30	.00182	.00905	85810	776	427198	3568298	41.584	2.615
35	.00259	.01289	85034	1096	422600	3141100	36.939	2.657
40	.00396	.01962	83938	1647	415858	2718500	32.387	2.675
45	.00624	.03074	82291	2530	405600	2302642	27.982	2.686
50	.01031	.05036	79761	4017	389469	1897041	23.784	2.676
55	.01610	.07757	75744	5876	364969	1507572	19.904	2.660
60	.02608	.12284	69868	8582	329027	1142603	16.354	2.633
65	.03959	.18070	61286	11074	279749	813576	13.275	2.591
70	.05991	.26101	50212	13106	218772	533827	10.632	2.537
75	.08587	.35258	37106	13083	152348	315055	8.491	2.464
80	.11884	.45374	24023	10900	91721	162706	6.773	2.395
85	.18487	******	13123	13123	70985	70985	5.409	5.409

AGE	M(X)	Q(X)	I(X)	D(X)	L(X)	T(X)	E(X)	A(X)
0	.07960	.07516	100000	7516	94427	6300006	63.000	0.259
1	.00887	.03468	92484	3207	361680	6205579	67.099	1.427
5	.00162	.00805	89276	718	444585	5843899	65.459	2.500
10	.00074	.00369	88558	327	441972	5399314	60.969	2.500
15	.00092	.00457	88231	403	440178	4957342	56.186	2.579
20	.00109	.00544	87828	477	437983	4517164	51.432	2.580
25	.00136	.00677	87350	591	435325	4079181	46.699	2.588
30	.00168	.00839	86759	728	432061	3643856	42.000	2.617
35	.00242	.01202	86031	1034	427738	3211795	37.333	2.660
40	.00372	.01842	84998	1566	421352	2784057	32.755	2.678
45	.00590	.02910	83432	2428	411552	2362704	28.319	2.691
50	.00984	.04810	81004	3896	395983	1951153	24.087	2.680
55	.01548	.07468	77108	5758	372089	1555169	20.169	2.664
60	.02522	.11901	71350	8492	336683	1183080	16.581	2.637
65	.03841	.17582	62858	11051	287709	846397	13.465	2.595
70	.05832	.25504	51807	13213	226548	558688	10.784	2.541
75	.08392	.34612	38594	13358	159169	332140	8.606	2.470
80	.11671	.44776	25236	11300	96816	172971	6.854	2.401
85	.18300	******	13936	13936	76155	76155	5.465	5.465

AGE	M(X)	Q(X)	I(X)	D(X)	L(X)	T(X)	E(X)	A(X)
0	.07461	.07063	100000	7063	94671	6400003	64.000	0.246
1	.00801	.03142	92937	2920	364274	6305331	67.845	1.440
5	.00147	.00733	90017	659	448438	5941057	65.999	2.500
10	.00068	.00339	89358	303	446033	5492619	61.468	2.500
15	.00084	.00421	89055	375	444369	5046585	56.668	2.580
20	.00101	.00501	88680	445	442325	4602216	51.897	2.580
25	.00125	.00626	88236	552	439847	4159891	47.145	2.588
30	.00156	.00775	87684	680	436799	3720044	42.426	2.618
35	.00225	.01117	87004	972	432749	3283245	37.737	2.663
40	.00348	.01725	86032	1484	426720	2850496	33.133	2.682
45	.00557	.02748	84548	2323	417384	2423776	28.667	2.695
50	.00937	.04584	82225	3769	402398	2006391	24.401	2.685
55	.01485	.07177	78456	5630	379149	1603993	20.445	2.668
60	.02435	.11514	72825	8385	344343	1224844	16.819	2.641
65	.03722	.17084	64440	11009	295762	880501	13.664	2.599
70	.05671	.24892	53431	13300	234518	584738	10.944	2.546
75	.08193	.33945	40131	13622	166266	350220	8.727	2.476
80	.11453	.44155	26508	11705	102201	183954	6.939	2.408
85	.18108	******	14804	14804	81753	81753	5.523	5.523

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AGE	M(X)	Q(X)	I(X)	D(X)	L(X)	T(X)	E(X)	A(X)
0	.06971	.06617	100000	6617	94923	6500001	65.000	0.233
1	.00721	.02833	93383	2645	366796	6405078	68.589	1.454
5	.00133	.00664	90738	603	452182	6038282	66.547	2.500
10	.00062	.00309	90135	279	449978	5586100	61.975	2.500
15	.00078	.00387	89856	348	448440	5136122	57.159	2.581
20	.00092	.00461	89509	412	446545	4687682	52.371	2.581
25	.00116	.00576	89096	513	444243	4241137	47.602	2.589
30	.00143	.00714	88583	632	441408	3796894	42.863	2.619
35	.00208	.01035	87950	910	437627	3355486	38.152	2.666
40	.00325	.01611	87040	1402	431955	2917860	33.523	2.686
45	.00524	.02588	85638	2217	423090	2485905	29.028	2.699
50	.00890	.04359	83421	3636	408706	2062814	24.728	2.690
55	.01422	.06884	79785	5493	386142	1654109	20.732	2.672
60	.02347	.11122	74293	8263	352001	1267967	17.067	2.645
65	.03602	.16578	66030	10946	303906	915966	13.872	2.603
70	.05507	.24265	55083	13366	242687	612061	11.112	2.551
75	.07989	.33256	41718	13874	173653	369374	8.854	2.482
80	.11228	.43509	27844	12114	107897	195721	7.029	2.414
85	.17910	******	15729	15729	87824	87824	5.583	5.583

AGE	M(X)	Q(X)	I(X)	D(X)	L(X)	T(X)	E(X)	A(X)
0	.06492	.06179	100000	6179	95181	6600000	66.000	0.220
1	.00646	.02542	93821	2385	369243	6504819	69.332	1.467
5	.00120	.00599	91436	548	455812	6135576	67.102	2.500
10	.00056	.00282	90888	256	453802	5679764	62.492	2.500
15	.00071	.00354	90632	321	452387	5225962	57.661	2.583
20	.00085	.00422	90312	381	450637	4773575	52.857	2.582
25	.00106	.00529	89931	476	448507	4322938	48.070	2.590
30	.00131	.00655	89455	586	445881	3874432	43.312	2.621
35	.00192	.00956	88869	849	442365	3428551	38.580	2.669
40	.00302	.01499	88020	1319	437050	2986186	33.926	2.690
45	.00492	.02431	86700	2108	428661	2549136	29.402	2.704
50	.00843	.04135	84592	3498	414896	2120475	25.067	2.694
55	.01360	.06590	81094	5344	393055	1705579	21.032	2.677
60	.02259	.10725	75750	8124	359646	1312524	17.327	2.649
65	.03480	.16062	67626	10862	312133	952877	14.090	2.607
70	.05341	.23620	56764	13408	251056	640744	11.288	2.556
75	.07781	.32544	43356	14110	181342	389689	8.988	2.488
80	.10996	.42836	29246	12528	113926	208347	7.124	2.421
85	.17706	******	16718	16718	94421	94421	5.648	5.648

AGE	M(X)	Q(X)	I(X)	D(X)	L(X)	T(X)	E(X)	A(X)
0	.06024	.05750	100000	5750	95445	6700000	67.000	0.208
1	.00575	.02268	94250	2138	371614	6604555	70.075	1.480
5	.00108	.00538	92113	496	459324	6232941	67.666	2.500
10	.00051	.00255	91617	234	457500	5773617	63.019	2.500
15	.00065	.00322	91383	295	456204	5316116	58.174	2.584
20	.00077	.00385	91088	350	454596	4859913	53.354	2.583
25	.00097	.00483	90738	439	452634	4405317	48.550	2.590
30	.00120	.00599	90300	541	450212	3952683	43.773	2.622
35	.00177	.00879	89759	789	446958	3502471	39.021	2.673
40	.00280	.01390	88970	1237	441996	3055513	34.343	2.694
45	.00460	.02277	87733	1997	434087	2613517	29.789	2.708
50	.00797	.03913	85735	3355	420959	2179430	25.420	2.699
55	.01297	.06295	82381	5186	399879	1758471	21.346	2.682
60	.02170	.10323	77194	7968	367269	1358592	17.600	2.653
65	.03356	.15535	69226	10754	320438	991323	14.320	2.611
70	.05171	.22958	58472	13424	259626	670885	11.474	2.562
75	.07567	.31807	45048	14328	189346	411258	9.129	2.495
80	.10758	.42134	30719	12943	120313	221913	7.224	2.429
85	.17496	******	17776	17776	101600	101600	5.716	5.716

AGE	M(X)	Q(X)	I(X)	D(X)	L(X)	T(X)	E(X)	A(X)
0	.05568	.05329	100000	5329	95714	6800000	68.000	0.196
1	.00509	.02012	94671	1905	373906	6704287	70.817	1.492
5	.00096	.00481	92766	446	462714	6330380	68.240	2.500
10	.00046	.00230	92320	213	461068	5867666	63.558	2.500
15	.00059	.00292	92107	269	459887	5406598	58.699	2.586
20	.00070	.00349	91838	321	458416	4946711	53.863	2.584
25	.00088	.00440	91517	403	456618	4488296	49.043	2.591
30	.00109	.00545	91115	496	454395	4031678	44.248	2.624
35	.00162	.00805	90619	730	451397	3577283	39.476	2.676
40	.00258	.01285	89889	1155	446786	3125885	34.775	2.698
45	.00429	.02125	88734	1886	439360	2679099	30.192	2.713
50	.00751	.03692	86849	3207	426882	2239739	25.789	2.704
55	.01234	.05999	83642	5018	406601	1812857	21.674	2.686
60	.02080	.09915	78624	7795	374857	1406256	17.886	2.657
65	.03231	.14998	70829	10623	328813	1031398	14.562	2.615
70	.04997	.22278	60206	13413	268399	702586	11.670	2.567
75	.07348	.31043	46793	14526	197678	434187	9.279	2.502
80	.10512	.41402	32267	13359	127082	236509	7.330	2.436
85	.17279	******	18908	18908	109427	109427	5.787	5.787

AGE	M(X)	Q(X)	I(X)	D(X)	L(X)	T(X)	E(X)	A(X)
0	.05125	.04919	100000	4919	95986	6899996	69.000	0.184
1	.00448	.01774	95081	1686	376117	6804011	71.560	1.505
5	.00086	.00427	93395	399	465977	6427894	68.825	2.500
10	.00041	.00206	92996	192	464500	5961917	64.109	2.500
15	.00053	.00264	92804	245	463430	5497416	59.237	2.587
20	.00063	.00315	92559	292	462092	5033986	54.387	2.585
25	.00080	.00398	92267	367	460452	4571895	49.550	2.592
30	.00099	.00493	91900	453	458424	4111443	44.738	2.626
35	.00147	.00734	91447	671	455676	3653019	39.947	2.680
40	.00238	.01182	90775	1073	451411	3197343	35.223	2.702
45	.00399	.01976	89702	1773	444467	2745932	30.612	2.718
50	.00706	.03473	87930	3054	432655	2301465	26.174	2.710
55	.01171	.05702	84876	4840	413207	1868810	22.018	2.691
60	.01989	.09502	80036	7605	382398	1455603	18.187	2.662
65	.03103	.14449	72432	10466	337247	1073205	14.817	2.620
70	.04821	.21579	61966	13371	277371	735958	11.877	2.573
75	.07124	.30252	48594	14701	206350	458587	9.437	2.509
80	.10258	.40636	33894	13773	134259	252237	7.442	2.444
85	.17055	******	20121	20121	117978	117978	5.864	5.864

AGE	M(X)	Q(X)	I(X)	D(X)	L(X)	T(X)	E(X)	A(X)
0	.04695	.04519	100000	4519	96260	7000000	70.000	0.172
1	.00392	.01552	95481	1482	378243	6903740	72.305	1.517
5	.00075	.00377	93999	354	469109	6525497	69.421	2.500
10	.00037	.00184	93645	172	467792	6056388	64.674	2.500
15	.00047	.00237	93472	221	466828	5588596	59.789	2.589
20	.00057	.00283	93251	264	465618	5121768	54.925	2.586
25	.00072	.00359	92987	334	464132	4656150	50.073	2.592
30	.00089	.00444	92653	411	462291	4192019	45.244	2.627
35	.00134	.00666	92242	615	459786	3729728	40.434	2.683
40	.00218	.01083	91627	992	455862	3269942	35.687	2.707
45	.00369	.01830	90635	1659	449400	2814081	31.048	2.724
50	.00661	.03256	88976	2897	438263	2364680	26.577	2.715
55	.01108	.05404	86080	4652	419683	1926417	22.379	2.697
60	.01897	.09083	81428	7396	389878	1506734	18.504	2.666
65	.02974	.13890	74032	10283	345729	1116856	15.086	2.624
70	.04641	.20859	63748	13298	286541	771127	12.096	2.578
75	.06894	.29430	50451	14848	215376	484586	9.605	2.516
80	.09996	.39834	35603	14182	141873	269210	7.561	2.452
85	.16822	******	21421	21421	127337	127337	5.945	5.945

AGE	M(X)	Q(X)	I(X)	D(X)	L(X)	T(X)	E(X)	A(X)
0	.04279	.04131	100000	4131	96535	7099999	71.000	0.161
1	.00340	.01348	95869	1293	380282	7003464	73.052	1.529
5	.00066	.00330	94577	312	472103	6623182	70.030	2.500
10	.00033	.00163	94264	154	470938	6151079	65.253	2.500
15	.00042	.00211	94111	199	470075	5680141	60.356	2.590
20	.00051	.00253	93912	237	468987	5210066	55.478	2.587
25	.00064	.00321	93675	301	467649	4741080	50.612	2.593
30	.00080	.00398	93374	371	465988	4273431	45.767	2.629
35	.00121	.00601	93002	559	463719	3807443	40.939	2.687
40	.00198	.00987	92443	912	460129	3343724	36.171	2.712
45	.00340	.01688	91531	1545	454146	2883595	31.504	2.729
50	.00617	.03041	89986	2736	443695	2429449	26.998	2.721
55	.01046	.05105	87250	4454	426013	1985754	22.759	2.702
60	.01805	.08660	82796	7170	397278	1559741	18.838	2.671
65	.02844	.13320	75626	10073	354246	1162463	15.371	2.629
70	.04457	.20120	65552	13189	295903	808218	12.329	2.584
75	.06658	.28578	52364	14964	224763	512315	9.784	2.524
80	.09725	.38994	37399	14583	149953	287551	7.689	2.460
85	.16582	******	22816	22816	137598	137598	6.031	6.031

AGE	M(X)	Q(X)	I(X)	D(X)	L(X)	T(X)	E(X)	A(X)
0	.03879	.03755	100000	3755	96810	7199997	72.000	0.150
1	.00292	.01161	96245	1118	382231	7103187	73.803	1.540
5	.00057	.00287	95127	273	474955	6720956	70.652	2.500
10	.00029	.00144	94854	136	473931	6246002	65.848	2.500
15	.00037	.00187	94718	177	473164	5772070	60.939	2.592
20	.00045	.00224	94541	212	472194	5298906	56.049	2.588
25	.00057	.00286	94329	270	470997	4826712	51.169	2.594
30	.00071	.00354	94059	333	469509	4355716	46.308	2.631
35	.00108	.00539	93727	505	467467	3886206	41.463	2.692
40	.00180	.00895	93221	834	464202	3418740	36.673	2.717
45	.00312	.01549	92387	1431	458695	2954537	31.980	2.735
50	.00573	.02828	90956	2572	448934	2495842	27.440	2.727
55	.00983	.04806	88384	4248	432180	2046909	23.159	2.708
60	.01712	.08231	84136	6926	404581	1614729	19.192	2.676
65	.02711	.12738	77210	9835	362780	1210148	15.673	2.634
70	.04270	.19359	67375	13043	305447	847368	12.577	2.590
75	.06416	.27693	54332	15046	234522	541921	9.974	2.532
80	.09445	.38112	39286	14973	158529	307399	7.825	2.469
85	.16332	******	24313	24313	148870	148870	6.123	6.123

AGE	M(X)	Q(X)	I(X)	D(X)	L(X)	T(X)	E(X)	A(X)
0	.03495	.03393	100000	3393	97082	7300000	73.000	0.140
1	.00249	.00991	96607	957	384085	7202918	74.559	1.551
5	.00050	.00247	95650	237	477659	6818833	71.289	2.500
10	.00025	.00125	95413	120	476768	6341174	66.460	2.500
15	.00033	.00164	95294	157	476092	5864406	61.540	2.594
20	.00040	.00197	95137	188	475232	5388314	56.637	2.589
25	.00051	.00253	94949	240	474169	4913083	51.744	2.595
30	.00063	.00312	94709	296	472846	4438914	46.869	2.633
35	.00096	.00481	94413	454	471022	3966067	42.007	2.696
40	.00162	.00806	93960	758	468073	3495045	37.197	2.722
45	.00285	.01414	93202	1318	463033	3026972	32.477	2.741
50	.00530	.02619	91884	2406	453966	2563939	27.904	2.733
55	.00921	.04508	89478	4034	438166	2109973	23.581	2.713
60	.01618	.07799	85444	6663	411767	1671807	19.566	2.681
65	.02577	.12146	78781	9569	371312	1260039	15.994	2.639
70	.04080	.18576	69212	12857	315163	888727	12.841	2.597
75	.06167	.26773	56355	15088	244658	573563	10.178	2.540
80	.09154	.37186	41267	15346	167630	328905	7.970	2.478
85	.16073	******	25922	25922	161275	161275	6.222	6.222

AGE	M(X)	Q(X)	I(X)	D(X)	L(X)	T(X)	E(X)	A(X)
0	.03128	.03045	100000	3045	97351	7400000	74.000	0.130
1	.00210	.00837	96955	812	385841	7302649	75.320	1.561
5	.00042	.00211	96144	203	480210	6916807	71.942	2.500
10	.00022	.00109	95940	104	479441	6436598	67.090	2.500
15	.00029	.00144	95836	138	478850	5957157	62.160	2.596
20	.00035	.00173	95699	165	478095	5478307	57.245	2.590
25	.00044	.00221	95533	211	477159	5000212	52.340	2.595
30	.00055	.00274	95322	261	475992	4523053	47.450	2.635
35	.00085	.00425	95061	404	474375	4047061	42.573	2.701
40	.00145	.00722	94657	683	471731	3572686	37.744	2.728
45	.00258	.01284	93974	1207	467150	3100954	32.998	2.748
50	.00488	.02413	92767	2238	458777	2633804	28.392	2.740
55	.00859	.04210	90529	3812	443952	2175028	24.026	2.719
60	.01524	.07362	86717	6384	418814	1731076	19.962	2.686
65	.02441	.11543	80333	9273	379821	1312263	16.335	2.644
70	.03886	.17773	71061	12629	325035	932442	13.122	2.603
75	.05912	.25818	58431	15086	255173	607407	10.395	2.548
80	.08854	.36213	43346	15697	177284	352234	8.126	2.487
85	.15804	******	27649	27649	174950	174950	6.328	6.328

AGE	M(X)	Q(X)	I(X)	D(X)	L(X)	T(X)	E(X)	A(X)
0	.02779	.02713	100000	2713	97614	7500000	75.000	0.120
1	.00176	.00699	97287	680	387497	7402386	76.088	1.571
5	.00036	.00179	96607	173	482602	7014889	72.613	2.500
10	.00019	.00093	96434	90	481946	6532287	67.738	2.500
15	.00025	.00124	96344	120	481434	6050341	62.799	2.598
20	.00030	.00149	96225	144	480777	5568907	57.874	2.591
25	.00039	.00192	96081	185	479960	5088130	52.957	2.596
30	.00048	.00238	95896	228	478940	4608170	48.054	2.637
35	.00075	.00373	95668	357	477519	4129230	43.162	2.705
40	.00129	.00642	95311	611	475168	3651711	38.314	2.734
45	.00233	.01158	94699	1097	471033	3176543	33.544	2.754
50	.00447	.02211	93602	2069	463350	2705510	28.904	2.747
55	.00797	.03914	91533	3583	449517	2242160	24.496	2.726
60	.01430	.06922	87950	6088	425696	1792644	20.383	2.691
65	.02304	.10930	81862	8947	388279	1366948	16.698	2.649
70	.03688	.16948	72915	12357	335041	978669	13.422	2.610
75	.05651	.24827	60558	15034	266063	643628	10.628	2.557
80	.08543	.35190	45523	16019	187520	377565	8.294	2.497
85	.15525	******	29504	29504	190046	190046	6.441	6.441

AGE	M(X)	Q(X)	I(X)	D(X)	L(X)	T(X)	E(X)	A(X)
0	.23353	.20275	100000	20275	86821	3499996	35.000	0.350
1	.06086	.20976	79725	16723	274767	3413175	42.812	1.361
5	.01084	.05278	63002	3325	306696	3138408	49.815	2.500
10	.00456	.02254	59677	1345	295020	2831712	47.451	2.500
15	.00675	.03321	58331	1937	287026	2536692	43.488	2.609
20	.00825	.04043	56394	2280	276342	2249666	39.892	2.532
25	.00853	.04178	54114	2261	264949	1973324	36.466	2.514
30	.00962	.04697	51853	2436	253224	1708374	32.947	2.520
35	.01035	.05044	49417	2492	240893	1455150	29.446	2.515
40	.01148	.05583	46925	2620	228175	1214257	25.877	2.538
45	.01394	.06743	44305	2988	214320	986082	22.257	2.588
50	.02015	.09613	41318	3972	197124	771761	18.679	2.617
55	.02993	.13962	37346	5214	174240	574638	15.387	2.605
60	.04497	.20267	32131	6512	144799	400398	12.461	2.565
65	.06405	.27633	25619	7079	110537	255599	9.977	2.520
70	.09375	.37868	18540	7021	74891	145062	7.824	2.463
75	.13721	.50317	11519	5796	42242	70171	6.092	2.351
80	.18082	.60457	5723	3460	19135	27930	4.880	2.260
85	.25733	******	2263	2263	8794	8794	3.886	3.886

AGE	M(X)	Q(X)	I(X)	D(X)	L(X)	T(X)	E(X)	A(X)
0	.22709	.19788	100000	19788	87138	3600000	36.000	0.350
1	.05801	.20123	80212	16141	278253	3512862	43.795	1.361
5	.01030	.05020	64071	3217	312316	3234609	50.484	2.500
10	.00433	.02143	60855	1304	301013	2922293	48.021	2.500
15	.00640	.03153	59550	1878	293264	2621280	44.018	2.610
20	.00782	.03838	57673	2213	282904	2328016	40.366	2.533
25	.00812	.03978	55460	2206	271819	2045112	36.876	2.516
30	.00917	.04486	53253	2389	260350	1773293	33.299	2.523
35	.00992	.04841	50865	2462	248214	1512943	29.744	2.519
40	.01108	.05391	48402	2609	235596	1264730	26.129	2.541
45	.01352	.06545	45793	2997	221745	1029133	22.474	2.591
50	.01961	.09367	42796	4009	204438	807389	18.866	2.620
55	.02921	.13651	38787	5295	181270	602951	15.545	2.608
60	.04403	.19886	33493	6660	151266	421680	12.590	2.568
65	.06290	.27212	26832	7302	116077	270414	10.078	2.523
70	.09230	.37407	19531	7306	79150	154337	7.902	2.467
75	.13534	.49835	12225	6092	45016	75187	6.150	2.356
80	.17892	.60068	6133	3684	20588	30171	4.920	2.265
85	.25555	******	2449	2449	9583	9583	3.913	3.913

AGE	M(X)	Q(X)	I(X)	D(X)	L(X)	T(X)	E(X)	A(X)
0	.22077	.19307	100000	19307	87451	3700000	37.000	0.350
1	.05526	.19291	80693	15567	281692	3612549	44.769	1.361
5	.00978	.04773	65126	3109	317860	3330857	51.144	2.500
10	.00412	.02038	62018	1264	306930	3012997	48.583	2.500
15	.00607	.02992	60754	1818	299426	2706067	44.541	2.610
20	.00742	.03641	58936	2146	289391	2406641	40.835	2.535
25	.00772	.03786	56790	2150	278617	2117250	37.282	2.518
30	.00875	.04282	54640	2340	267412	1838633	33.650	2.525
35	.00951	.04645	52301	2429	255484	1571220	30.042	2.522
40	.01068	.05205	49871	2596	242983	1315737	26.383	2.545
45	.01310	.06351	47276	3002	229153	1072753	22.691	2.594
50	.01908	.09125	44273	4040	211761	843600	19.054	2.622
55	.02851	.13344	40234	5369	188339	631839	15.704	2.610
60	.04310	.19508	34865	6801	157807	443499	12.720	2.571
65	.06177	.26793	28064	7519	121721	285692	10.180	2.527
70	.09087	.36945	20545	7590	83528	163971	7.981	2.471
75	.13347	.49350	12954	6393	47899	80443	6.210	2.361
80	.17703	.59675	6561	3915	22118	32543	4.960	2.270
85	.25378	******	2646	2646	10426	10426	3.940	3.940

AGE	M(X)	Q(X)	I(X)	D(X)	L(X)	T(X)	E(X)	A(X)
0	.21458	.18831	100000	18831	87760	3800000	38.000	0.350
1	.05262	.18482	81169	15001	285086	3712240	45.735	1.361
5	.00928	.04536	66167	3002	323333	3427155	51.795	2.500
10	.00391	.01936	63166	1223	312772	3103822	49.138	2.500
15	.00575	.02838	61943	1758	305513	2791050	45.058	2.610
20	.00703	.03453	60185	2078	295803	2485537	41.298	2.536
25	.00733	.03601	58107	2093	285344	2189734	37.685	2.520
30	.00834	.04086	56014	2289	274412	1904390	33.999	2.528
35	.00911	.04455	53725	2394	262702	1629978	30.339	2.525
40	.01030	.05024	51332	2579	250334	1367276	26.636	2.548
45	.01270	.06161	48753	3003	236544	1116942	22.910	2.596
50	.01856	.08887	45749	4066	219090	880398	19.244	2.625
55	.02781	.13040	41684	5436	195445	661308	15.865	2.613
60	.04218	.19133	36248	6935	164419	465863	12.852	2.575
65	.06065	.26375	29313	7731	127469	301444	10.284	2.530
70	.08945	.36483	21581	7874	88027	173975	8.061	2.475
75	.13160	.48863	13708	6698	50895	85948	6.270	2.366
80	.17513	.59278	7010	4155	23726	35053	5.001	2.275
85	.25201	******	2855	2855	11327	11327	3.968	3.968

AGE	M(X)	Q(X)	I(X)	D(X)	L(X)	T(X)	E(X)	A(X)
0	.20850	.18362	100000	18362	88065	3900000	39.000	0.350
1	.05008	.17692	81638	14444	288436	3811935	46.693	1.361
5	.00881	.04309	67195	2895	328734	3523499	52.437	2.500
10	.00371	.01839	64299	1182	318540	3194765	49.686	2.500
15	.00545	.02691	63117	1698	311525	2876225	45.570	2.610
20	.00665	.03273	61418	2011	302141	2564700	41.758	2.537
25	.00697	.03424	59408	2034	292000	2262559	38.085	2.522
30	.00795	.03897	57374	2236	281347	1970559	34.346	2.530
35	.00873	.04272	55138	2355	269867	1689213	30.636	2.528
40	.00993	.04847	52782	2558	257646	1419346	26.891	2.551
45	.01230	.05975	50224	3001	243915	1161700	23.130	2.599
50	.01805	.08653	47223	4086	226421	917785	19.435	2.627
55	.02713	.12741	43137	5496	202583	691364	16.027	2.616
60	.04127	.18761	37641	7062	171101	488781	12.985	2.578
65	.05954	.25959	30579	7938	133320	317680	10.389	2.534
70	.08803	.36020	22641	8155	92646	184360	8.143	2.479
75	.12975	.48372	14486	7007	54006	91714	6.331	2.371
80	.17324	.58878	7479	4403	25418	37708	5.042	2.280
85	.25024	******	3075	3075	12290	12290	3.996	3.996

AGE	M(X)	Q(X)	I(X)	D(X)	L(X)	T(X)	E(X)	A(X)
0	.20253	.17897	100000	17897	88367	4000000	40.000	0.350
1	.04763	.16923	82103	13894	291743	3911633	47.643	1.361
5	.00835	.04091	68208	2790	334066	3619890	53.071	2.500
10	.00352	.01746	65418	1142	324235	3285824	50.228	2.500
15	.00516	.02550	64276	1639	317464	2961589	46.076	2.610
20	.00630	.03101	62637	1943	308405	2644125	42.213	2.539
25	.00661	.03254	60695	1975	298584	2335720	38.483	2.524
30	.00757	.03715	58720	2182	288216	2037136	34.693	2.533
35	.00836	.04094	56538	2315	276977	1748919	30.933	2.531
40	.00957	.04675	54223	2535	264917	1471943	27.146	2.554
45	.01192	.05792	51689	2994	251262	1207026	23.352	2.601
50	.01754	.08422	48695	4101	233752	955765	19.628	2.630
55	.02646	.12445	44593	5549	209751	722013	16.191	2.619
60	.04037	.18391	39044	7181	177850	512262	13.120	2.581
65	.05844	.25543	31863	8139	139273	334412	10.495	2.537
70	.08662	.35555	23724	8435	97388	195140	8.225	2.483
75	.12789	.47876	15289	7320	57236	97751	6.394	2.376
80	.17134	.58472	7969	4660	27196	40515	5.084	2.285
85	.24846	******	3309	3309	13320	13320	4.025	4.025

AGE	M(X)	Q(X)	I(X)	D(X)	L(X)	T(X)	E(X)	A(X)
0	.19667	.17438	100000	17438	88666	4100000	41.000	0.350
1	.04527	.16174	82562	13354	295009	4011335	48.586	1.361
5	.00792	.03881	69209	2686	339329	3716325	53.697	2.500
10	.00334	.01656	66523	1102	329859	3376997	50.764	2.500
15	.00489	.02414	65421	1580	323330	3047137	46.577	2.610
20	.00596	.02936	63841	1875	314595	2723807	42.665	2.540
25	.00628	.03091	61967	1915	305097	2409212	38.879	2.526
30	.00721	.03540	60052	2126	295019	2104116	35.038	2.535
35	.00800	.03922	57926	2272	284029	1809096	31.231	2.535
40	.00922	.04507	55654	2508	272144	1525067	27.403	2.557
45	.01154	.05614	53146	2983	258582	1252923	23.575	2.604
50	.01705	.08195	50163	4111	241078	994341	19.822	2.632
55	.02579	.12151	46052	5596	216946	753263	16.357	2.621
60	.03949	.18024	40456	7292	184663	536316	13.257	2.584
65	.05734	.25128	33164	8333	145327	351653	10.603	2.541
70	.08521	.35089	24831	8713	102255	206326	8.309	2.487
75	.12603	.47377	16118	7636	60588	104071	6.457	2.381
80	.16944	.58062	8482	4925	29064	43484	5.127	2.290
85	.24669	******	3557	3557	14420	14420	4.054	4.054

AGE	M(X)	Q(X)	I(X)	D(X)	L(X)	T(X)	E(X)	A(X)
0	.19090	.16983	100000	16983	88961	4200000	42.000	0.350
1	.04299	.15444	83017	12821	298235	4111039	49.520	1.361
5	.00750	.03679	70196	2583	344524	3812804	54.316	2.500
10	.00317	.01571	67613	1062	335412	3468280	51.296	2.500
15	.00462	.02285	66551	1521	329124	3132868	47.074	2.610
20	.00563	.02778	65031	1807	320712	2803744	43.114	2.541
25	.00595	.02934	63224	1855	311537	2483032	39.273	2.528
30	.00685	.03370	61369	2068	301755	2171495	35.384	2.538
35	.00765	.03755	59301	2226	291023	1869741	31.530	2.538
40	.00887	.04343	57075	2479	279325	1578718	27.661	2.560
45	.01117	.05438	54596	2969	265873	1299393	23.800	2.607
50	.01657	.07971	51627	4115	248399	1033520	20.019	2.635
55	.02514	.11861	47511	5635	224166	785121	16.525	2.624
60	.03861	.17658	41876	7394	191539	560955	13.396	2.587
65	.05625	.24712	34481	8521	151482	369415	10.713	2.544
70	.08380	.34620	25960	8988	107246	217934	8.395	2.490
75	.12418	.46872	16973	7956	64065	110687	6.521	2.386
80	.16753	.57645	9017	5198	31027	46622	5.170	2.295
85	.24490	******	3819	3819	15595	15595	4.083	4.083

AGE	M(X)	Q(X)	I(X)	D(X)	L(X)	T(X)	E(X)	A(X)
0	.18522	.16532	100000	16532	89254	4300001	43.000	0.350
1	.04080	.14733	83468	12297	301421	4210746	50.447	1.361
5	.00710	.03486	71171	2481	349653	3909325	54.929	2.500
10	.00300	.01488	68690	1022	340895	3559672	51.822	2.500
15	.00437	.02161	67668	1462	334845	3218777	47.567	2.610
20	.00532	.02627	66206	1739	326755	2883932	43.560	2.542
25	.00564	.02782	64467	1794	317904	2557177	39.667	2.530
30	.00652	.03207	62673	2010	308421	2239273	35.729	2.540
35	.00731	.03592	60663	2179	297956	1930852	31.829	2.541
40	.00854	.04183	58484	2446	286458	1632896	27.921	2.563
45	.01080	.05266	56037	2951	273132	1346438	24.028	2.609
50	.01609	.07751	53086	4115	255709	1073306	20.218	2.637
55	.02449	.11574	48972	5668	231407	817597	16.695	2.627
60	.03773	.17294	43304	7489	198476	586190	13.537	2.591
65	.05517	.24297	35815	8702	157737	387714	10.825	2.548
70	.08240	.34149	27113	9259	112365	229977	8.482	2.494
75	.12232	.46362	17854	8278	67672	117612	6.587	2.391
80	.16561	.57223	9577	5480	33089	49940	5.215	2.300
85	.24310	******	4097	4097	16851	16851	4.113	4.113

AGE	M(X)	Q(X)	I(X)	D(X)	L(X)	T(X)	E(X)	A(X)
0	.17963	.16085	100000	16085	89545	4400001	44.000	0.350
1	.03868	.14040	83915	11782	304569	4310456	51.367	1.361
5	.00671	.03300	72133	2380	354716	4005888	55.535	2.500
10	.00284	.01409	69753	983	346308	3651172	52.344	2.500
15	.00412	.02042	68770	1404	340495	3304863	48.057	2.610
20	.00502	.02481	67366	1671	332724	2964368	44.004	2.544
25	.00534	.02637	65694	1732	324197	2631645	40.059	2.532
30	.00619	.03050	63962	1951	315018	2307447	36.075	2.543
35	.00699	.03435	62011	2130	304826	1992430	32.130	2.544
40	.00821	.04027	59881	2411	293539	1687603	28.182	2.567
45	.01045	.05097	57470	2929	280356	1394064	24.257	2.612
50	.01562	.07533	54541	4108	263007	1113707	20.420	2.639
55	.02385	.11289	50433	5693	238666	850700	16.868	2.629
60	.03687	.16931	44740	7575	205470	612034	13.680	2.594
65	.05409	.23880	37165	8875	164091	406564	10.940	2.551
70	.08100	.33675	28290	9527	117613	242473	8.571	2.498
75	.12046	.45847	18763	8602	71412	124860	6.655	2.396
80	.16369	.56794	10161	5771	35255	53448	5.260	2.306
85	.24130	******	4390	4390	18193	18193	4.144	4.144

AGE	M(X)	Q(X)	I(X)	D(X)	L(X)	T(X)	E(X)	A(X)
0	.17412	.15641	100000	15641	89833	4500002	45.000	0.350
1	.03665	.13366	84359	11275	307678	4410169	52.279	1.361
5	.00634	.03121	73083	2281	359714	4102490	56.135	2.500
10	.00268	.01333	70802	944	351652	3742777	52.862	2.500
15	.00389	.01928	69858	1347	346073	3391125	48.543	2.610
20	.00474	.02342	68512	1604	338619	3045052	44.446	2.545
25	.00506	.02497	66907	1671	330417	2706433	40.451	2.534
30	.00588	.02897	65236	1890	321543	2376016	36.422	2.545
35	.00667	.03282	63346	2079	311632	2054474	32.432	2.548
40	.00790	.03874	61267	2373	300568	1742841	28.447	2.570
45	.01010	.04930	58894	2904	287543	1442274	24.489	2.615
50	.01516	.07318	55990	4097	270289	1154731	20.624	2.642
55	.02322	.11006	51893	5711	245940	884442	17.044	2.632
60	.03601	.16570	46182	7652	212521	638502	13.826	2.597
65	.05301	.23463	38530	9040	170543	425981	11.056	2.555
70	.07960	.33198	29489	9790	122991	255438	8.662	2.502
75	.11859	.45325	19700	8929	75289	132447	6.723	2.401
80	.16175	.56358	10771	6070	37530	57158	5.307	2.311
85	.23948	******	4701	4701	19628	19628	4.176	4.176

AGE	M(X)	Q(X)	I(X)	D(X)	L(X)	T(X)	E(X)	A(X)
0	.16869	.15202	100000	15202	90119	4600003	46.000	0.350
1	.03468	.12710	84798	10778	310751	4509884	53.184	1.361
5	.00599	.02949	74021	2183	364646	4199133	56.729	2.500
10	.00254	.01260	71838	905	356926	3834487	53.377	2.500
15	.00367	.01818	70933	1290	351580	3477561	49.026	2.610
20	.00446	.02208	69643	1538	344440	3125981	44.886	2.546
25	.00478	.02363	68105	1609	336561	2781541	40.842	2.536
30	.00558	.02751	66496	1829	327995	2444980	36.769	2.548
35	.00637	.03134	64667	2026	318371	2116985	32.737	2.551
40	.00759	.03724	62640	2333	307540	1798614	28.713	2.573
45	.00975	.04767	60307	2875	294688	1491074	24.725	2.618
50	.01470	.07105	57433	4081	277552	1196386	20.831	2.644
55	.02260	.10725	53352	5722	253226	918834	17.222	2.635
60	.03515	.16209	47630	7720	219624	665608	13.974	2.600
65	.05193	.23045	39910	9197	177094	445984	11.175	2.558
70	.07819	.32716	30713	10048	128502	268890	8.755	2.506
75	.11672	.44796	20665	9257	79308	140388	6.794	2.406
80	.15979	.55915	11408	6379	39919	61080	5.354	2.316
85	.23766	******	5029	5029	21162	21162	4.208	4.208

AGE	M(X)	Q(X)	I(X)	D(X)	L(X)	T(X)	E(X)	A(X)
0	.16333	.14765	100000	14765	90403	4700004	47.000	0.350
1	.03279	.12071	85235	10289	313787	4609602	54.081	1.361
5	.00565	.02783	74946	2086	369514	4295815	57.319	2.500
10	.00239	.01190	72860	867	362131	3926301	53.888	2.500
15	.00345	.01713	71993	1233	357015	3564170	49.507	2.610
20	.00420	.02080	70759	1472	350186	3207154	45.325	2.547
25	.00452	.02233	69288	1547	342629	2856968	41.234	2.538
30	.00528	.02609	67740	1767	334373	2514339	37.117	2.551
35	.00607	.02990	65973	1972	325042	2179967	33.043	2.554
40	.00728	.03578	64001	2290	314454	1854925	28.983	2.576
45	.00942	.04606	61711	2842	301790	1540471	24.963	2.620
50	.01425	.06895	58869	4059	284792	1238681	21.041	2.647
55	.02198	.10446	54810	5725	260521	953889	17.404	2.637
60	.03430	.15849	49084	7779	226778	693368	14.126	2.603
65	.05086	.22626	41305	9346	183741	466590	11.296	2.562
70	.07679	.32231	31960	10301	134146	282849	8.850	2.510
75	.11484	.44259	21659	9586	83474	148703	6.866	2.411
80	.15782	.55463	12073	6696	42427	65229	5.403	2.321
85	.23581	******	5377	5377	22802	22802	4.241	4.241

AGE	M(X)	Q(X)	I(X)	D(X)	L(X)	T(X)	E(X)	A(X)
0	.15804	.14332	100000	14332	90684	4800006	48.000	0.350
1	.03096	.11450	85668	9809	316786	4709322	54.972	1.361
5	.00532	.02624	75859	1991	374318	4392536	57.904	2.500
10	.00226	.01123	73868	829	367267	4018218	54.397	2.500
15	.00325	.01613	73039	1178	362379	3650950	49.986	2.610
20	.00395	.01957	71861	1406	355857	3288572	45.763	2.548
25	.00426	.02108	70455	1486	348620	2932715	41.626	2.540
30	.00500	.02472	68969	1705	340675	2584095	37.467	2.553
35	.00578	.02849	67265	1917	331641	2243420	33.352	2.557
40	.00699	.03435	65348	2245	321306	1911779	29.255	2.580
45	.00909	.04447	63103	2806	308845	1590473	25.204	2.623
50	.01381	.06687	60297	4032	292006	1281629	21.255	2.649
55	.02136	.10169	56265	5721	267822	989622	17.589	2.640
60	.03346	.15489	50544	7829	233980	721800	14.281	2.607
65	.04979	.22204	42715	9484	190484	487820	11.420	2.565
70	.07538	.31741	33230	10548	139926	297336	8.948	2.514
75	.11295	.43715	22683	9916	87791	157410	6.940	2.416
80	.15583	.55002	12767	7022	45062	69618	5.453	2.327
85	.23395	******	5745	5745	24556	24556	4.274	4.274

AGE	M(X)	Q(X)	I(X)	D(X)	L(X)	T(X)	E(X)	A(X)
0	.15282	.13901	100000	13901	90964	4900000	49.000	0.350
1	.02921	.10846	86099	9339	319750	4809036	55.855	1.361
5	.00501	.02472	76760	1897	379057	4489286	58.485	2.500
10	.00213	.01058	74863	792	372334	4110229	54.904	2.500
15	.00305	.01516	74071	1123	367670	3737896	50.464	2.610
20	.00371	.01839	72948	1342	361451	3370226	46.200	2.549
25	.00402	.01989	71606	1424	354532	3008775	42.018	2.542
30	.00473	.02339	70182	1642	346899	2654243	37.819	2.556
35	.00550	.02713	68541	1860	338167	2307344	33.664	2.561
40	.00670	.03295	66681	2197	328094	1969177	29.531	2.583
45	.00876	.04291	64484	2767	315848	1641084	25.450	2.626
50	.01337	.06481	61717	4000	299191	1325235	21.473	2.652
55	.02075	.09893	57717	5710	275124	1026044	17.777	2.643
60	.03262	.15129	52007	7868	241228	750921	14.439	2.610
65	.04872	.21781	44139	9614	197322	509693	11.548	2.569
70	.07397	.31246	34525	10788	145844	312371	9.048	2.518
75	.11104	.43162	23737	10245	92265	166527	7.015	2.421
80	.15382	.54532	13492	7357	47830	74263	5.504	2.332
85	.23207	******	6134	6134	26433	26433	4.309	4.309

AGE	M(X)	Q(X)	I(X)	D(X)	L(X)	T(X)	E(X)	A(X)
0	.14767	.13474	100000	13474	91242	5000000	50.000	0.350
1	.02751	.10260	86526	8877	322678	4908758	56.731	1.361
5	.00470	.02325	77649	1805	383732	4586080	59.062	2.500
10	.00200	.00996	75844	755	377331	4202348	55.408	2.500
15	.00287	.01423	75089	1069	372888	3825017	50.940	2.609
20	.00348	.01726	74020	1278	366969	3452129	46.638	2.550
25	.00378	.01873	72742	1363	360365	3085160	42.412	2.544
30	.00447	.02211	71380	1579	353044	2724795	38.173	2.558
35	.00523	.02581	69801	1802	344617	2371751	33.979	2.564
40	.00641	.03158	67999	2147	334814	2027134	29.811	2.586
45	.00844	.04137	65852	2725	322799	1692320	25.699	2.629
50	.01293	.06277	63127	3962	306343	1369520	21.695	2.654
55	.02015	.09619	59165	5691	282425	1063177	17.970	2.645
60	.03178	.14770	53474	7898	248518	780753	14.601	2.613
65	.04765	.21355	45576	9733	204255	532235	11.678	2.573
70	.07255	.30746	35843	11020	151901	327981	9.150	2.521
75	.10913	.42600	24823	10575	96900	176079	7.093	2.426
80	.15179	.54052	14248	7702	50736	79180	5.557	2.338
85	.23017	******	6547	6547	28443	28443	4.345	4.345

AGE	M(X)	Q(X)	I(X)	D(X)	L(X)	T(X)	E(X)	A(X)
0	.14258	.13049	100000	13049	91518	5100000	51.000	0.350
1	.02588	.09690	86951	8426	325570	5008482	57.601	1.361
5	.00442	.02184	78526	1715	388342	4682911	59.635	2.500
10	.00188	.00936	76811	719	382258	4294569	55.911	2.500
15	.00269	.01335	76092	1016	378033	3912311	51.415	2.609
20	.00326	.01618	75077	1215	372410	3534278	47.076	2.552
25	.00355	.01762	73862	1301	366117	3161868	42.808	2.546
30	.00422	.02088	72561	1515	359108	2795751	38.530	2.561
35	.00496	.02453	71046	1742	350990	2436643	34.297	2.568
40	.00614	.03024	69303	2096	341465	2085653	30.095	2.590
45	.00813	.03986	67208	2679	329693	1744188	25.952	2.631
50	.01251	.06075	64529	3920	313459	1414496	21.920	2.657
55	.01955	.09346	60609	5665	289720	1101037	18.166	2.648
60	.03095	.14410	54944	7918	255847	811317	14.766	2.616
65	.04658	.20927	47026	9841	211280	555469	11.812	2.576
70	.07112	.30240	37185	11245	158100	344189	9.256	2.525
75	.10720	.42028	25940	10902	101702	186089	7.174	2.432
80	.14974	.53562	15038	8055	53790	84387	5.612	2.343
85	.22824	******	6983	6983	30596	30596	4.381	4.381

AGE	M(X)	Q(X)	I(X)	D(X)	L(X)	T(X)	E(X)	A(X)
0	.13755	.12626	100000	12626	91793	5200000	52.000	0.350
1	.02431	.09137	87374	7983	328427	5108207	58.464	1.361
5	.00414	.02048	79390	1626	392888	4779780	60.206	2.500
10	.00176	.00879	77765	683	387115	4386892	56.412	2.500
15	.00251	.01250	77081	963	383104	3999777	51.890	2.609
20	.00305	.01514	76118	1152	377771	3616673	47.514	2.553
25	.00334	.01655	74966	1241	371787	3238901	43.205	2.548
30	.00398	.01969	73725	1452	365088	2867114	38.889	2.563
35	.00471	.02328	72274	1682	357282	2502026	34.619	2.571
40	.00587	.02892	70591	2042	348043	2144744	30.383	2.593
45	.00782	.03837	68550	2630	336526	1796701	26.210	2.634
50	.01208	.05875	65920	3873	320534	1460176	22.151	2.659
55	.01896	.09075	62047	5631	297007	1139642	18.367	2.651
60	.03012	.14050	56416	7927	263214	842635	14.936	2.620
65	.04551	.20496	48490	9938	218397	579421	11.949	2.580
70	.06969	.29728	38551	11460	164443	361024	9.365	2.529
75	.10525	.41446	27091	11228	106678	196581	7.256	2.437
80	.14766	.53059	15863	8417	56999	89903	5.668	2.349
85	.22629	******	7446	7446	32904	32904	4.419	4.419

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AGE	M(X)	Q(X)	I(X)	D(X)	L(X)	T(X)	E(X)	A(X)
0	.13258	.12206	100000	12206	92066	5300000	53.000	0.350
1	.02280	.08601	87794	7551	331249	5207934	59.320	1.361
5	.00387	.01918	80243	1539	397368	4876685	60.774	2.500
10	.00165	.00823	78704	648	391901	4479317	56.913	2.500
15	.00235	.01168	78056	912	388100	4087416	52.365	2.608
20	.00285	.01414	77144	1091	383053	3699316	47.953	2.554
25	.00313	.01553	76053	1181	377374	3316263	43.604	2.550
30	.00374	.01854	74872	1388	370984	2938889	39.252	2.566
35	.00446	.02206	73484	1621	363490	2567905	34.945	2.575
40	.00560	.02763	71863	1986	354543	2204415	30.675	2.597
45	.00751	.03689	69877	2578	343295	1849872	26.473	2.637
50	.01166	.05677	67299	3820	327564	1506577	22.386	2.662
55	.01837	.08804	63479	5589	304281	1179013	18.573	2.654
60	.02929	.13690	57890	7925	270613	874732	15.110	2.623
65	.04443	.20062	49965	10024	225604	604119	12.091	2.584
70	.06825	.29209	39941	11666	170931	378515	9.477	2.534
75	.10329	.40853	28275	11551	111833	207584	7.342	2.443
80	.14556	.52545	16724	8787	60371	95751	5.725	2.355
85	.22432	******	7936	7936	35379	35379	4.458	4.458

AGE	M(X)	Q(X)	I(X)	D(X)	L(X)	T(X)	E(X)	A(X)
0	.12766	.11788	100000	11788	92338	5400000	54.000	0.350
1	.02134	.08081	88212	7129	334035	5307662	60.169	1.361
5	.00362	.01793	81083	1454	401782	4973627	61.340	2.500
10	.00155	.00770	79630	614	396614	4571845	57.414	2.500
15	.00219	.01090	79016	861	393020	4175230	52.840	2.608
20	.00266	.01319	78155	1031	388253	3782210	48.394	2.555
25	.00293	.01454	77124	1121	382874	3393957	44.007	2.552
30	.00352	.01743	76002	1325	376792	3011082	39.618	2.569
35	.00422	.02088	74678	1560	369613	2634290	35.275	2.578
40	.00534	.02637	73118	1928	360964	2264678	30.973	2.600
45	.00721	.03544	71190	2523	349995	1903713	26.741	2.640
50	.01125	.05480	68667	3763	334546	1553718	22.627	2.665
55	.01778	.08535	64904	5539	311537	1219172	18.784	2.656
60	.02846	.13329	59365	7913	278042	907635	15.289	2.626
65	.04335	.19624	51452	10097	232900	629593	12.237	2.587
70	.06680	.28683	41355	11862	177567	396693	9.592	2.538
75	.10131	.40248	29493	11871	117174	219126	7.430	2.448
80	.14342	.52017	17623	9167	63916	101952	5.785	2.360
85	.22231	******	8456	8456	38036	38036	4.498	4.498

AGE	M(X)	Q(X)	I(X)	D(X)	L(X)	T(X)	E(X)	A(X)
0	.12280	.11372	100000	11372	92608	5500000	55.000	0.350
1	.01994	.07578	88628	6716	336786	5407392	61.012	1.361
5	.00337	.01673	81911	1370	406130	5070606	61.904	2.500
10	.00144	.00720	80541	580	401255	4664476	57.914	2.500
15	.00204	.01015	79961	812	397864	4263221	53.316	2.608
20	.00247	.01228	79149	972	393371	3865358	48.836	2.556
25	.00274	.01359	78177	1063	388287	3471987	44.412	2.554
30	.00330	.01636	77115	1261	382510	3083699	39.988	2.571
35	.00399	.01974	75853	1497	375646	2701189	35.611	2.582
40	.00509	.02514	74356	1869	367302	2325543	31.276	2.604
45	.00691	.03401	72487	2465	356624	1958241	27.015	2.643
50	.01084	.05285	70022	3701	341475	1601618	22.873	2.667
55	.01720	.08266	66321	5482	318772	1260142	19.001	2.659
60	.02763	.12967	60839	7889	285496	941371	15.473	2.630
65	.04227	.19183	52950	10157	240283	655875	12.387	2.591
70	.06534	.28149	42793	12046	184352	415591	9.712	2.542
75	.09930	.39631	30747	12185	122707	231239	7.521	2.454
80	.14125	.51475	18561	9555	67644	108533	5.847	2.366
85	.22028	******	9007	9007	40889	40889	4.540	4.540

AGE	M(X)	Q(X)	I(X)	D(X)	L(X)	T(X)	E(X)	A(X)
0	.11799	.10959	100000	10959	92877	5600000	56.000	0.350
1	.01860	.07092	89041	6315	339500	5507123	61.849	1.361
5	.00314	.01558	82726	1289	410410	5167623	62.466	2.500
10	.00135	.00671	81438	546	405822	4757213	58.415	2.500
15	.00190	.00944	80891	763	402629	4351391	53.793	2.607
20	.00230	.01141	80128	914	398404	3948763	49.281	2.557
25	.00255	.01268	79213	1005	393611	3550359	44.820	2.557
30	.00309	.01533	78209	1199	388136	3156748	40.363	2.574
35	.00376	.01863	77010	1434	381587	2768612	35.951	2.586
40	.00484	.02393	75576	1808	373552	2387025	31.585	2.608
45	.00662	.03260	73767	2405	363176	2013473	27.295	2.646
50	.01043	.05092	71363	3634	348346	1650297	23.126	2.670
55	.01662	.07998	67729	5417	325980	1301950	19.223	2.662
60	.02681	.12604	62312	7854	292972	975970	15.663	2.633
65	.04119	.18738	54458	10204	247751	682998	12.542	2.595
70	.06387	.27608	44254	12218	191288	435247	9.835	2.546
75	.09728	.39001	32036	12494	128439	243959	7.615	2.459
80	.13904	.50919	19542	9951	71564	115520	5.911	2.372
85	.21821	******	9591	9591	43956	43956	4.583	4.583

AGE	M(X)	Q(X)	I(X)	D(X)	L(X)	T(X)	E(X)	A(X)
0	.11324	.10548	100000	10548	93144	5700000	57.000	0.350
1	.01731	.06622	89452	5923	342178	5606856	62.680	1.361
5	.00292	.01448	83529	1210	414622	5264678	63.028	2.500
10	.00125	.00624	82320	514	410313	4850056	58.917	2.500
15	.00176	.00876	81806	716	407313	4439744	54.272	2.607
20	.00213	.01058	81089	858	403351	4032430	49.728	2.558
25	.00238	.01181	80231	947	398843	3629079	45.233	2.559
30	.00289	.01433	79284	1136	393666	3230235	40.743	2.577
35	.00354	.01755	78148	1371	387433	2836569	36.298	2.590
40	.00460	.02274	76776	1746	379136	2449136	31.900	2.612
45	.00633	.03121	75030	2341	369647	2069425	27.581	2.649
50	.01003	.04900	72689	3562	355155	1699778	23.384	2.673
55	.01604	.07731	69127	5344	333157	1344622	19.451	2.665
60	.02598	.12240	63783	7807	300465	1011466	15.858	2.637
65	.04010	.18288	55976	10237	255301	711000	12.702	2.599
70	.06239	.27058	45739	12376	198377	455699	9.963	2.550
75	.09523	.38356	33363	12797	134378	257322	7.713	2.465
80	.13680	.50346	20566	10354	75688	122944	5.978	2.379
85	.21610	******	10212	10212	47255	47255	4.627	4.627

AGE	M(X)	Q(X)	I(X)	D(X)	L(X)	T(X)	E(X)	A(X)
0	.10854	.10138	100000	10138	93410	5800000	58.000	0.350
1	.01608	.06168	89862	5543	344819	5706590	63.504	1.361
5	.00270	.01343	84319	1132	418763	5361771	63.589	2.500
10	.00116	.00580	83187	482	414727	4943008	59.421	2.500
15	.00163	.00810	82704	670	411917	4528281	54.753	2.606
20	.00197	.00979	82034	803	408210	4116364	50.179	2.559
25	.00221	.01097	81231	891	403982	3708153	45.649	2.561
30	.00269	.01337	80340	1074	399099	3304172	41.127	2.580
35	.00333	.01650	79265	1308	393179	2905073	36.650	2.594
40	.00436	.02158	77957	1682	385776	2511893	32.221	2.616
45	.00605	.02983	76275	2275	376033	2126118	27.874	2.652
50	.00963	.04710	74000	3485	361896	1750085	23.650	2.675
55	.01547	.07464	70514	5264	340297	1388189	19.687	2.668
60	.02516	.11874	65251	7748	307971	1047892	16.059	2.640
65	.03900	.17834	57503	10255	262931	739921	12.868	2.603
70	.06089	.26499	47248	12520	205621	476989	10.096	2.555
75	.09316	.37697	34728	13091	140531	271368	7.814	2.471
80	.13452	.49757	21636	10765	80029	130837	6.047	2.385
85	.21396	******	10871	10871	50809	50809	4.674	4.674

AGE	M(X)	Q(X)	I(X)	D(X)	L(X)	T(X)	E(X)	A(X)
0	.10397	.09731	100000	9731	93596	5900000	59.000	0.342
1	.01489	.05731	90269	5173	347448	5806404	64.323	1.366
5	.00250	.01242	85096	1057	422836	5458956	64.151	2.500
10	.00108	.00537	84039	451	419065	5036120	59.926	2.500
15	.00150	.00748	83587	625	416439	4617055	55.236	2.606
20	.00181	.00903	82962	749	412982	4200615	50.633	2.560
25	.00204	.01017	82213	836	409026	3787633	46.071	2.563
30	.00251	.01245	81377	1013	404434	3378607	41.518	2.583
35	.00312	.01548	80363	1244	398827	2974174	37.009	2.598
40	.00413	.02045	79119	1618	391743	2575347	32.550	2.620
45	.00577	.02848	77501	2207	382332	2183604	28.175	2.656
50	.00924	.04521	75294	3404	368568	1801272	23.923	2.678
55	.01490	.07199	71890	5175	347398	1432704	19.929	2.671
60	.02433	.11507	66715	7677	315489	1085306	16.268	2.644
65	.03790	.17375	59038	10258	270643	769818	13.039	2.607
70	.05938	.25930	48780	12649	213024	499175	10.233	2.559
75	.09105	.37022	36132	13377	146909	286151	7.920	2.477
80	.13219	.49148	22755	11184	84600	139242	6.119	2.391
85	.21177	******	11571	11571	54641	54641	4.722	4.722

AGE	M(X)	Q(X)	I(X)	D(X)	L(X)	T(X)	E(X)	A(X)
0	.09947	.09326	100000	9326	93750	6000009	60.000	0.330
1	.01376	.05310	90674	4815	350045	5906259	65.137	1.372
5	.00231	.01146	85859	984	426837	5556214	64.713	2.500
10	.00099	.00496	84875	421	423324	5129377	60.434	2.500
15	.00138	.00689	84454	582	420878	4706053	55.723	2.605
20	.00167	.00831	83872	697	417663	4285175	51.092	2.562
25	.00189	.00940	83175	782	413973	3867512	46.498	2.565
30	.00233	.01157	82393	953	409666	3453539	41.915	2.586
35	.00292	.01450	81440	1181	404369	3043873	37.376	2.602
40	.00390	.01933	80259	1552	397609	2639505	32.887	2.624
45	.00550	.02714	78708	2136	388537	2241896	28.484	2.659
50	.00884	.04333	76571	3318	375163	1853359	24.204	2.681
55	.01433	.06933	73253	5079	354453	1478196	20.179	2.674
60	.02351	.11138	68175	7594	323010	1123742	16.483	2.648
65	.03680	.16911	60581	10245	278430	800732	13.218	2.611
70	.05785	.25351	50336	12761	220587	522302	10.376	2.563
75	.08892	.36330	37576	13651	153520	301715	8.030	2.483
80	.12982	.48521	23924	11608	89417	148195	6.194	2.398
85	.20953	******	12316	12316	58779	58779	4.773	4.773

AGE	M(X)	Q(X)	I(X)	D(X)	L(X)	T(X)	E(X)	A(X)
0	.09501	.08923	100000	8923	93912	6100005	61.000	0.318
1	.01267	.04906	91077	4468	352597	6006093	65.945	1.379
5	.00212	.01054	86609	913	430763	5653496	65.276	2.500
10	.00092	.00457	85696	392	427501	5222733	60.945	2.500
15	.00127	.00633	85304	540	425228	4795233	56.213	2.604
20	.00153	.00763	84765	646	422247	4370005	51.555	2.563
25	.00174	.00867	84118	729	418817	3947757	46.931	2.568
30	.00215	.01072	83389	894	414789	3528941	42.319	2.589
35	.00273	.01355	82495	1118	409800	3114151	37.750	2.606
40	.00368	.01825	81377	1485	403365	2704352	33.232	2.628
45	.00523	.02582	79892	2063	394640	2300987	28.801	2.662
50	.00846	.04147	77829	3228	381672	1906347	24.494	2.684
55	.01376	.06668	74602	4975	361453	1524675	20.438	2.677
60	.02268	.10768	69627	7498	330526	1163222	16.706	2.651
65	.03568	.16442	62130	10215	286285	832696	13.403	2.615
70	.05630	.24761	51914	12855	228306	546411	10.525	2.568
75	.08676	.35620	39060	13913	160368	318105	8.144	2.489
80	.12740	.47872	25146	12038	94489	157737	6.273	2.405
85	.20725	******	13108	13108	63248	63248	4.825	4.825

AGE	M(X)	Q(X)	I(X)	D(X)	L(X)	T(X)	E(X)	A(X)
0	.09058	.08522	100000	8522	94083	6200003	62.000	0.306
1	.01164	.04518	91478	4133	355104	6105920	66.748	1.385
5	.00194	.00967	87345	845	434612	5750815	65.840	2.500
10	.00084	.00420	86500	363	431592	5316204	61.459	2.500
15	.00116	.00579	86137	499	429488	4884612	56.708	2.604
20	.00140	.00698	85638	597	426734	4455124	52.023	2.564
25	.00160	.00797	85040	678	423555	4028390	47.370	2.570
30	.00199	.00990	84363	835	419801	3604835	42.730	2.592
35	.00254	.01263	83527	1055	415115	3185034	38.132	2.610
40	.00347	.01719	82472	1417	409006	2769919	33.586	2.632
45	.00496	.02452	81055	1988	400636	2360912	29.127	2.666
50	.00807	.03963	79067	3133	388090	1960277	24.792	2.687
55	.01320	.06404	75934	4863	368390	1572187	20.705	2.680
60	.02186	.10397	71072	7389	338030	1203797	16.938	2.655
65	.03456	.15967	63683	10168	294205	865767	13.595	2.619
70	.05474	.24161	53514	12929	236184	571562	10.681	2.572
75	.08456	.34893	40585	14161	167461	335378	8.264	2.496
80	.12493	.47202	26424	12473	99835	167917	6.355	2.412
85	.20492	******	13951	13951	68082	68082	4.880	4.880

AGE	M(X)	Q(X)	I(X)	D(X)	L(X)	T(X)	E(X)	A(X)
0	.08619	.08124	100000	8124	94262	6300001	63.000	0.294
1	.01066	.04147	91876	3810	357566	6205739	67.545	1.392
5	.00178	.00884	88066	779	438382	5848173	66.407	2.500
10	.00077	.00385	87287	336	435596	5409792	61.977	2.500
15	.00106	.00528	86951	459	433655	4974196	57.207	2.603
20	.00128	.00636	86492	550	431120	4540541	52.497	2.565
25	.00147	.00731	85942	628	428184	4109422	47.816	2.572
30	.00183	.00912	85314	778	424698	3681237	43.149	2.595
35	.00236	.01174	84536	992	420311	3256540	38.523	2.615
40	.00325	.01615	83543	1349	414528	2836228	33.949	2.637
45	.00470	.02324	82194	1911	406519	2421700	29.463	2.669
50	.00769	.03780	80284	3034	394409	2015181	25.101	2.690
55	.01264	.06140	77249	4743	375258	1620772	20.981	2.683
60	.02103	.10023	72506	7267	345517	1245515	17.178	2.659
65	.03343	.15487	65239	10103	302184	899998	13.795	2.624
70	.05316	.23548	55135	12984	244218	597814	10.843	2.577
75	.08233	.34145	42152	14393	174809	353596	8.389	2.502
80	.12240	.46508	27759	12910	105471	178787	6.441	2.419
85	.20253	******	14849	14849	73316	73316	4.937	4.937

AGE	M(X)	Q(X)	I(X)	D(X)	L(X)	T(X)	E(X)	A(X)
0	.08183	.07729	100000	7729	94450	6400000	64.000	0.282
1	.00972	.03793	92271	3499	359979	6305551	68.337	1.398
5	.00162	.00806	88772	715	442070	5945571	66.976	2.500
10	.00070	.00351	88057	309	439510	5503501	62.500	2.500
15	.00096	.00480	87747	422	437726	5063991	57.711	2.602
20	.00116	.00578	87326	504	435401	4626265	52.977	2.566
25	.00134	.00667	86821	579	432701	4190864	48.270	2.575
30	.00168	.00838	86242	722	429475	3758163	43.577	2.599
35	.00219	.01088	85520	930	425383	3328688	38.923	2.619
40	.00305	.01514	84589	1280	419926	2903305	34.322	2.641
45	.00444	.02198	83309	1832	412282	2483379	29.809	2.673
50	.00732	.03598	81477	2932	400623	2071098	25.419	2.693
55	.01208	.05877	78546	4616	382048	1670474	21.268	2.686
60	.02021	.09648	73929	7133	352976	1288426	17.428	2.663
65	.03230	.15000	66797	10020	310216	935450	14.004	2.628
70	.05157	.22924	56777	13016	252410	625234	11.012	2.582
75	.08007	.33377	43761	14606	182420	372825	8.519	2.509
80	.11982	.45788	29155	13350	111413	190405	6.531	2.426
85	.20009	******	15805	15805	78992	78992	4.998	4.998

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AGE	M(X)	Q(X)	I(X)	D(X)	L(X)	T(X)	E(X)	A(X)
0	.07752	.07337	100000	7337	94645	6500000	65.000	0.270
1	.00884	.03455	92663	3201	362345	6405355	69.125	1.405
5	.00147	.00731	89462	654	445675	6043010	67.548	2.500
10	.00064	.00319	88808	284	443331	5597335	63.027	2.500
15	.00087	.00435	88524	385	441698	5154005	58.221	2.601
20	.00105	.00523	88139	461	439575	4712307	53.464	2.567
25	.00122	.00607	87678	532	437102	4272731	48.732	2.577
30	.00154	.00766	87146	668	434128	3835629	44.014	2.602
35	.00202	.01005	86478	869	430325	3401500	39.334	2.624
40	.00285	.01415	85609	1211	425192	2971175	34.706	2.646
45	.00419	.02075	84397	1751	417919	2545983	30.167	2.677
50	.00695	.03418	82646	2825	406724	2128064	25.749	2.696
55	.01153	.05615	79821	4482	388753	1721340	21.565	2.690
60	.01938	.09271	75340	6985	360401	1332587	17.688	2.667
65	.03116	.14508	68355	9917	318294	972186	14.223	2.632
70	.04995	.22287	58438	13024	260756	653892	11.189	2.587
75	.07777	.32588	45414	14799	190301	393136	8.657	2.516
80	.11718	.45042	30614	13789	117681	202835	6.626	2.434
85	.19758	******	16825	16825	85154	85154	5.061	5.061

AGE	M(X)	Q(X)	I(X)	D(X)	L(X)	T(X)	E(X)	A(X)
0	.07325	.06947	100000	6947	94848	6600000	66.000	0.258
1	.00800	.03134	93053	2916	364660	6505152	69.908	1.411
5	.00133	.00661	90136	596	449192	6140492	68.125	2.500
10	.00058	.00289	89541	259	447056	5691300	63.561	2.500
15	.00079	.00392	89282	350	445568	5244244	58.738	2.600
20	.00094	.00471	88931	419	443639	4798676	53.959	2.569
25	.00110	.00550	88513	487	441384	4355037	49.203	2.580
30	.00140	.00699	88025	615	438654	3913653	44.461	2.606
35	.00186	.00926	87410	809	435133	3475000	39.755	2.629
40	.00265	.01319	86601	1142	430322	3039867	35.102	2.651
45	.00394	.01953	85459	1669	423423	2609545	30.536	2.681
50	.00658	.03240	83790	2715	412704	2186122	26.091	2.700
55	.01098	.05353	81075	4340	395363	1773418	21.874	2.693
60	.01855	.08893	76735	6824	367781	1378055	17.959	2.671
65	.03000	.14009	69911	9794	326411	1010274	14.451	2.637
70	.04831	.21638	60117	13008	269255	683863	11.375	2.591
75	.07543	.31776	47109	14970	198460	414608	8.801	2.523
80	.11446	.44267	32140	14227	124294	216147	6.725	2.441
85	.19501	******	17912	17912	91853	91853	5.128	5.128

AGE	M(X)	Q(X)	I(X)	D(X)	L(X)	T(X)	E(X)	A(X)
0	.06903	.06562	100000	6562	95058	6700000	67.000	0.247
1	.00721	.02830	93438	2644	366923	6604942	70.688	1.417
5	.00119	.00595	90794	540	452620	6238019	68.705	2.500
10	.00052	.00261	90254	235	450682	5785399	64.101	2.500
15	.00071	.00352	90019	317	449332	5334717	59.262	2.599
20	.00085	.00422	89702	379	447587	4885385	54.463	2.570
25	.00100	.00497	89323	444	445540	4437798	49.683	2.583
30	.00127	.00634	88879	564	443046	3992257	44.918	2.609
35	.00171	.00849	88315	750	439801	3549211	40.188	2.634
40	.00247	.01226	87565	1073	435309	3109410	35.510	2.656
45	.00370	.01833	86492	1586	428787	2674101	30.917	2.685
50	.00622	.03064	84906	2602	418555	2245314	26.445	2.703
55	.01043	.05092	82304	4191	401868	1826760	22.195	2.697
60	.01773	.08513	78113	6650	375106	1424891	18.241	2.675
65	.02885	.13504	71464	9651	334558	1049785	14.690	2.641
70	.04665	.20974	61813	12965	277903	715228	11.571	2.596
75	.07305	.30941	48848	15114	206905	437325	8.953	2.530
80	.11169	.43461	33734	14661	131273	230419	6.830	2.449
85	.19237	******	19073	19073	99146	99146	5.198	5.198

AGE	M(X)	Q(X)	I(X)	D(X)	L(X)	T(X)	E(X)	A(X)
0	.06486	.06180	100000	6180	95275	6799997	68.000	0.235
1	.00646	.02543	93820	2386	369133	6704722	71.464	1.423
5	.00107	.00532	91434	487	455954	6335589	69.291	2.500
10	.00047	.00234	90947	213	454205	5879635	64.649	2.500
15	.00063	.00315	90734	286	452987	5425430	59.795	2.598
20	.00076	.00377	90449	341	451416	4972444	54.975	2.571
25	.00089	.00446	90108	402	449569	4521028	50.174	2.586
30	.00115	.00573	89706	514	447301	4071459	45.387	2.613
35	.00156	.00776	89191	692	444323	3624158	40.633	2.640
40	.00228	.01135	88499	1005	440146	3179835	35.931	2.661
45	.00346	.01716	87494	1501	434003	2739689	31.313	2.689
50	.00586	.02890	85993	2485	424267	2305686	26.812	2.707
55	.00989	.04833	83508	4036	408259	1881420	22.530	2.700
60	.01690	.08131	79472	6462	382365	1473160	18.537	2.679
65	.02768	.12993	73010	9486	342723	1090795	14.940	2.646
70	.04497	.20297	63524	12893	286695	748072	11.776	2.601
75	.07063	.30081	50631	15230	215641	461377	9.113	2.537
80	.10884	.42623	35401	15089	138638	245736	6.942	2.457
85	.18966	******	20312	20312	107098	107098	5.273	5.273

AGE	M(X)	Q(X)	I(X)	D(X)	L(X)	T(X)	E(X)	A(X)
0	.06076	.05803	100000	5803	95498	6900000	69.000	0.224
1	.00577	.02273	94197	2141	371287	6804502	72.237	1.430
5	.00095	.00474	92057	437	459191	6433216	69.883	2.500
10	.00042	.00209	91620	192	457621	5974024	65.204	2.500
15	.00056	.00280	91428	256	456528	5516403	60.336	2.597
20	.00067	.00335	91173	305	455123	5059876	55.498	2.573
25	.00080	.00399	90868	362	453464	4604753	50.675	2.589
30	.00103	.00516	90505	467	451414	4151289	45.868	2.617
35	.00142	.00706	90038	636	448694	3699876	41.092	2.645
40	.00211	.01048	89402	937	444827	3251181	36.366	2.667
45	.00323	.01601	88466	1416	439063	2806354	31.722	2.693
50	.00550	.02718	87050	2366	429831	2367292	27.195	2.710
55	.00935	.04574	84684	3874	414525	1937460	22.879	2.704
60	.01607	.07749	80810	6262	389547	1522935	18.846	2.684
65	.02650	.12475	74548	9300	350897	1133389	15.203	2.651
70	.04327	.19605	65248	12792	295625	782492	11.993	2.607
75	.06816	.29195	52456	15314	224675	486867	9.281	2.544
80	.10591	.41749	37142	15506	146412	262192	7.059	2.466
85	.18687	******	21635	21635	115779	115779	5.351	5.351

AGE	M(X)	Q(X)	I(X)	D(X)	L(X)	T(X)	E(X)	A(X)
0	.05672	.05430	100000	5430	95726	7000000	70.000	0.213
1	.00511	.02019	94570	1910	373382	6904274	73.007	1.436
5	.00084	.00420	92660	389	462327	6530891	70.482	2.500
10	.00037	.00186	92271	171	460926	6068564	65.769	2.500
15	.00049	.00247	92100	228	459951	5607638	60.887	2.596
20	.00059	.00295	91872	271	458702	5147687	56.031	2.574
25	.00071	.00354	91601	325	457221	4688986	51.189	2.592
30	.00093	.00462	91276	421	455378	4231764	46.362	2.621
35	.00128	.00640	90855	581	452908	3776386	41.565	2.651
40	.00193	.00963	90273	869	449345	3323478	36.816	2.673
45	.00300	.01488	89404	1331	443958	2874134	32.148	2.698
50	.00516	.02548	88074	2244	435238	2430175	27.593	2.714
55	.00881	.04318	85830	3706	420654	1994937	23.243	2.708
60	.01525	.07365	82124	6049	396636	1574283	19.170	2.688
65	.02532	.11951	76075	9092	359065	1177647	15.480	2.656
70	.04155	.18900	66983	12659	304684	818582	12.221	2.612
75	.06566	.28282	54324	15364	234010	513898	9.460	2.552
80	.10290	.40839	38960	15911	154617	279889	7.184	2.475
85	.18399	******	23049	23049	125272	125272	5.435	5.435

AGE	M(X)	Q(X)	I(X)	D(X)	L(X)	T(X)	E(X)	A(X)
0	.05276	.05063	100000	5063	95959	7099998	71.000	0.202
1	.00451	.01783	94937	1693	375417	7004039	73.776	1.442
5	.00074	.00370	93244	345	465359	6628622	71.089	2.500
10	.00033	.00164	92899	152	464116	6163264	66.343	2.500
15	.00043	.00217	92747	201	463251	5699148	61.448	2.595
20	.00052	.00259	92546	240	462148	5235896	56.576	2.575
25	.00063	.00313	92306	289	460836	4773748	51.716	2.595
30	.00082	.00411	92017	378	459189	4312912	46.871	2.626
35	.00116	.00576	91639	528	456959	3853723	42.053	2.657
40	.00177	.00881	91111	803	453692	3396764	37.282	2.679
45	.00277	.01379	90308	1245	448682	2943073	32.589	2.703
50	.00481	.02380	89063	2120	440478	2494391	28.007	2.718
55	.00828	.04063	86943	3532	426633	2053913	23.624	2.711
60	.01443	.06981	83411	5823	403620	1627280	19.509	2.693
65	.02413	.11422	77588	8862	367213	1223660	15.771	2.661
70	.03981	.18179	68726	12494	313862	856448	12.462	2.617
75	.06311	.27343	56232	15375	243647	542586	9.649	2.560
80	.09982	.39889	40857	16297	163274	298939	7.317	2.484
85	.18103	******	24560	24560	135665	135665	5.524	5.524

AGE	M(X)	Q(X)	I(X)	D(X)	L(X)	T(X)	E(X)	A(X)
0	.04888	.04702	100000	4702	96196	7199994	72.000	0.191
1	.00395	.01564	95298	1490	377388	7103798	74.543	1.447
5	.00065	.00323	93808	303	468280	6726410	71.704	2.500
10	.00029	.00144	93504	134	467186	6258130	66.929	2.500
15	.00038	.00189	93370	177	466425	5790944	62.021	2.593
20	.00045	.00226	93193	210	465458	5324518	57.134	2.577
25	.00055	.00275	92983	255	464303	4859060	52.257	2.598
30	.00073	.00363	92728	337	462841	4394757	47.394	2.630
35	.00104	.00517	92391	477	460840	3931916	42.557	2.663
40	.00161	.00802	91914	737	457862	3471076	37.764	2.685
45	.00256	.01272	91176	1160	453224	3013214	33.048	2.708
50	.00448	.02216	90017	1995	445540	2559991	28.439	2.722
55	.00775	.03810	88022	3354	432449	2114451	24.022	2.715
60	.01361	.06597	84669	5586	410482	1682002	19.866	2.698
65	.02294	.10886	79083	8609	375324	1271520	16.078	2.666
70	.03804	.17444	70474	12293	323146	896196	12.717	2.623
75	.06051	.26375	58181	15345	253586	573050	9.850	2.568
80	.09664	.38897	42836	16662	172406	319464	7.458	2.493
85	.17798	******	26174	26174	147058	147058	5.618	5.618

AGE	M(X)	Q(X)	I(X)	D(X)	L(X)	T(X)	E(X)	A(X)
0	.04509	.04348	100000	4348	96437	7300000	73.000	0.180
1	.00343	.01361	95652	1302	379292	7203563	75.310	1.453
5	.00056	.00281	94350	265	471088	6824271	72.329	2.500
10	.00025	.00125	94085	118	470132	6353183	67.526	2.500
15	.00033	.00164	93968	154	469468	5883050	62.607	2.592
20	.00039	.00195	93814	183	468626	5413583	57.706	2.579
25	.00048	.00239	93631	224	467617	4944956	52.813	2.602
30	.00064	.00319	93407	298	466330	4477339	47.934	2.635
35	.00092	.00460	93109	428	464546	4011009	43.079	2.670
40	.00146	.00727	92680	674	461847	3546463	38.265	2.692
45	.00235	.01168	92007	1075	457576	3084616	33.526	2.713
50	.00415	.02054	90932	1868	450413	2627040	28.890	2.726
55	.00724	.03560	89064	3170	438091	2176627	24.439	2.720
60	.01279	.06213	85894	5337	417207	1738536	20.241	2.702
65	.02174	.10346	80557	8334	383380	1321329	16.402	2.672
70	.03626	.16694	72223	12057	332521	937949	12.987	2.628
75	.05787	.25378	60166	15269	263826	605428	10.063	2.577
80	.09338	.37861	44897	16998	182033	341603	7.609	2.503
85	.17484	******	27899	27899	159570	159570	5.720	5.720

AGE	M(X)	Q(X)	I(X)	D(X)	L(X)	T(X)	E(X)	A(X)
0	.04139	.04002	100000	4002	96679	7400000	74.000	0.170
1	.00296	.01175	95998	1128	381126	7303321	76.078	1.459
5	.00048	.00242	94870	229	473778	6922195	72.965	2.500
10	.00022	.00108	94641	102	472949	6448417	68.136	2.500
15	.00028	.00140	94539	133	472374	5975468	63.207	2.590
20	.00033	.00167	94406	158	471648	5503094	58.292	2.580
25	.00041	.00207	94248	195	470774	5031446	53.385	2.605
30	.00056	.00278	94053	262	469649	4560672	48.490	2.640
35	.00082	.00407	93792	382	468071	4091023	43.618	2.677
40	.00131	.00655	93410	612	465641	3622952	38.786	2.699
45	.00214	.01067	92798	990	461730	3157312	34.023	2.718
50	.00383	.01896	91808	1741	455086	2695582	29.361	2.730
55	.00673	.03313	90067	2984	443542	2240495	24.876	2.724
60	.01198	.05831	87083	5078	423775	1796953	20.635	2.708
65	.02054	.09800	82005	8037	391360	1373178	16.745	2.677
70	.03446	.15930	73969	11783	341966	981817	13.273	2.634
75	.05520	.24352	62185	15144	274356	639851	10.289	2.585
80	.09003	.36778	47042	17301	192173	365495	7.770	2.513
85	.17159	******	29741	29741	173322	173322	5.828	5.828

AGE	M(X)	Q(X)	I(X)	D(X)	L(X)	T(X)	E(X)	A(X)
0	.03780	.03664	100000	3664	96922	7500000	75.000	0.160
1	.00253	.01006	96336	969	382887	7403078	76.846	1.464
5	.00041	.00206	95367	197	476344	7020191	73.612	2.500
10	.00019	.00093	95171	88	475632	6543847	68.759	2.500
15	.00024	.00119	95082	114	475138	6068214	63.821	2.589
20	.00028	.00142	94969	135	474518	5593076	58.894	2.582
25	.00036	.00177	94834	168	473768	5118557	53.974	2.609
30	.00048	.00240	94666	228	472793	4644789	49.065	2.645
35	.00072	.00358	94438	338	471409	4171996	44.177	2.685
40	.00118	.00586	94100	552	469236	3700587	39.326	2.706
45	.00195	.00970	93549	907	465677	3231351	34.542	2.724
50	.00351	.01742	92641	1614	459550	2765674	29.854	2.735
55	.00623	.03069	91027	2794	448789	2306125	25.334	2.728
60	.01118	.05450	88233	4809	430169	1857335	21.050	2.713
65	.01933	.09251	83425	7718	399241	1427166	17.107	2.683
70	.03264	.15153	75707	11472	351462	1027925	13.578	2.640
75	.05248	.23298	64235	14966	285167	676463	10.531	2.594
80	.08658	.35647	49270	17563	202842	391296	7.942	2.523
85	.16825	******	31707	31707	188454	188454	5.944	5.944

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AGE	M(X)	Q(X)	I(X)	D(X)	L(X)	T(X)	E(X)	A(X)
0	.18494	.16455	100000	16455	88975	3499999	35.000	0.330
1	.02939	.10907	83545	9112	310051	3411024	40.829	1.352
5	.00808	.03958	74433	2946	364798	3100973	41.661	2.500
10	.00616	.03032	71486	2168	352013	2736175	38.275	2.500
15	.00896	.04386	69319	3040	339402	2384161	34.394	2.634
20	.01283	.06222	66279	4124	321375	2044759	30.851	2.571
25	.01430	.06908	62155	4294	300174	1723384	27.727	2.532
30	.01724	.08271	57861	4786	277556	1423210	24.597	2.545
35	.02113	.10044	53075	5331	252319	1145654	21.586	2.551
40	.02719	.12743	47744	6084	223766	893335	18.711	2.542
45	.03393	.15653	41660	6521	192218	669569	16.072	2.534
50	.04490	.20190	35139	7094	158022	477352	13.585	2.509
55	.05549	.24364	28044	6833	123125	319330	11.387	2.498
60	.07741	.32370	21212	6866	88704	196205	9.250	2.473
65	.10549	.41407	14345	5940	56308	107500	7.494	2.404
70	.14030	.50972	8405	4284	30537	51193	6.090	2.318
75	.17926	.59841	4121	2466	13757	20656	5.012	2.223
80	.22287	.67982	1655	1125	5048	6899	4.169	2.132
85	.28628	******	530	530	1851	1851	3.493	3.493

AGE	M(X)	Q(X)	I(X)	D(X)	L(X)	T(X)	E(X)	A(X)
0	.17762	.15873	100000	15873	89365	3599999	36.000	0.330
1	.02760	.10288	84127	8655	313589	3510634	41.730	1.352
5	.00761	.03734	75472	2818	370314	3197045	42.361	2.500
10	.00583	.02874	72654	2088	358049	2826731	38.907	2.500
15	.00851	.04171	70566	2943	345871	2468683	34.984	2.636
20	.01220	.05926	67622	4007	328385	2122811	31.392	2.573
25	.01362	.06590	63615	4192	307736	1794426	28.208	2.533
30	.01642	.07894	59423	4691	285613	1486690	25.019	2.548
35	.02020	.09625	54732	5268	260779	1201077	21.945	2.555
40	.02612	.12274	49464	6071	232424	940298	19.010	2.546
45	.03277	.15162	43393	6579	200769	707874	16.313	2.539
50	.04362	.19675	36813	7243	166060	507106	13.775	2.514
55	.05418	.23862	29570	7056	130229	341045	11.533	2.503
60	.07589	.31848	22514	7170	94482	210816	9.364	2.477
65	.10370	.40870	15344	6271	60471	116334	7.582	2.409
70	.13824	.50453	9073	4578	33112	55863	6.157	2.323
75	.17705	.59385	4495	2670	15078	22751	5.061	2.229
80	.22072	.67631	1826	1235	5594	7673	4.202	2.138
85	.28439	******	591	591	2078	2078	3.516	3.516

AGE	M(X)	Q(X)	I(X)	D(X)	L(X)	T(X)	E(X)	A(X)
0	.17052	.15304	100000	15304	89746	3699999	37.000	0.330
1	.02590	.09695	84696	8211	317041	3610253	42.626	1.352
5	.00717	.03521	76485	2693	375691	3293212	43.057	2.500
10	.00552	.02722	73792	2008	363938	2917521	39.537	2.500
15	.00808	.03965	71783	2846	352194	2553583	35.573	2.638
20	.01160	.05641	68937	3888	335254	2201389	31.933	2.574
25	.01297	.06282	65049	4086	315171	1866135	28.688	2.535
30	.01564	.07530	60962	4590	293567	1550964	25.441	2.550
35	.01931	.09219	56372	5197	269171	1257397	22.305	2.558
40	.02509	.11817	51175	6047	241064	988226	19.311	2.551
45	.03164	.14680	45128	6625	209363	747162	16.557	2.543
50	.04236	.19166	38503	7379	174205	537798	13.968	2.519
55	.05289	.23363	31124	7271	137491	363593	11.682	2.507
60	.07439	.31326	23852	7472	100444	226102	9.479	2.482
65	.10192	.40330	16380	6606	64815	125659	7.671	2.414
70	.13619	.49930	9774	4880	35834	60844	6.225	2.329
75	.17483	.58924	4894	2884	16494	25010	5.111	2.234
80	.21856	.67275	2010	1352	6188	8516	4.236	2.143
85	.28251	******	658	658	2329	2329	3.540	3.540

AGE	M(X)	Q(X)	I(X)	D(X)	L(X)	T(X)	E(X)	A(X)
0	.16363	.14746	100000	14746	90120	3799999	38.000	0.330
1	.02429	.09128	85254	7782	320408	3709879	43.516	1.352
5	.00675	.03317	77472	2570	380934	3389471	43.751	2.500
10	.00522	.02577	74902	1930	369685	3008537	40.166	2.500
15	.00767	.03767	72972	2749	358372	2638852	36.163	2.640
20	.01102	.05366	70223	3768	341983	2280480	32.475	2.576
25	.01233	.05985	66455	3978	322480	1938496	29.170	2.537
30	.01488	.07177	62478	4484	301415	1616017	25.865	2.553
35	.01844	.08824	57993	5117	277490	1314602	22.668	2.562
40	.02408	.11371	52876	6012	249679	1037112	19.614	2.555
45	.03054	.14206	46864	6658	217993	787432	16.803	2.548
50	.04113	.18662	40206	7503	182449	569439	14.163	2.524
55	.05161	.22867	32703	7478	144906	386990	11.834	2.512
60	.07290	.30804	25225	7770	106590	242084	9.597	2.486
65	.10015	.39788	17454	6945	69343	135494	7.763	2.418
70	.13414	.49401	10510	5192	38706	66151	6.294	2.334
75	.17261	.58457	5318	3109	18009	27445	5.161	2.240
80	.21640	.66913	2209	1478	6831	9436	4.271	2.149
85	.28061	******	731	731	2605	2605	3.564	3.564

AGE	M(X)	Q(X)	I(X)	D(X)	L(X)	T(X)	E(X)	A(X)
0	.15693	.14200	100000	14200	90486	3899999	39.000	0.330
1	.02276	.08585	85800	7366	323695	3809513	44.400	1.352
5	.00634	.03123	78434	2449	386046	3485819	44.443	2.500
10	.00494	.02438	75984	1852	375292	3099773	40.795	2.500
15	.00727	.03576	74132	2651	364409	2724481	36.752	2.641
20	.01046	.05101	71481	3646	348575	2360073	33.017	2.578
25	.01173	.05699	67835	3866	329661	2011498	29.653	2.538
30	.01415	.06837	63969	4374	309154	1681837	26.291	2.555
35	.01761	.08441	59596	5030	285732	1372683	23.033	2.565
40	.02310	.10934	54565	5966	258263	1086952	19.920	2.559
45	.02946	.13740	48599	6678	226651	828689	17.052	2.553
50	.03991	.18164	41921	7615	190787	602038	14.361	2.528
55	.05034	.22373	34307	7676	152470	411251	11.987	2.516
60	.07142	.30282	26631	8064	112921	258781	9.717	2.491
65	.09838	.39243	18567	7286	74059	145860	7.856	2.423
70	.13208	.48868	11281	5513	41736	71802	6.365	2.339
75	.17039	.57984	5768	3345	19629	30066	5.213	2.246
80	.21422	.66546	2424	1613	7528	10437	4.307	2.154
85	.27871	******	811	811	2909	2909	3.588	3.588

AGE	M(X)	Q(X)	I(X)	D(X)	L(X)	T(X)	E(X)	A(X)
0	.15041	.13664	100000	13664	90845	4000000	40.000	0.330
1	.02130	.08066	86336	6964	326902	3909155	45.279	1.352
5	.00596	.02938	79372	2332	391029	3582253	45.133	2.500
10	.00466	.02304	77040	1775	380762	3191224	41.423	2.500
15	.00690	.03393	75265	2553	370305	2810462	37.341	2.643
20	.00992	.04845	72711	3523	355029	2440157	33.560	2.579
25	.01114	.05422	69188	3752	336713	2085128	30.137	2.540
30	.01344	.06508	65437	4259	316782	1748415	26.719	2.558
35	.01680	.08069	61178	4936	293891	1431633	23.401	2.569
40	.02215	.10508	56242	5910	266809	1137742	20.229	2.563
45	.02841	.13282	50332	6685	235329	870933	17.304	2.557
50	.03872	.17670	43647	7712	199210	635604	14.562	2.533
55	.04909	.21882	35934	7863	160179	436394	12.144	2.521
60	.06994	.29758	28071	8353	119434	276215	9.840	2.495
65	.09662	.38694	19718	7630	78965	156781	7.951	2.428
70	.13003	.48328	12088	5842	44928	77816	6.437	2.345
75	.16816	.57503	6246	3592	21359	32888	5.265	2.252
80	.21204	.66172	2654	1757	8284	11528	4.343	2.160
85	.27680	******	898	898	3244	3244	3.613	3.613

AGE	M(X)	Q(X)	I(X)	D(X)	L(X)	T(X)	E(X)	A(X)
0	.14408	.13139	100000	13139	91197	4100000	41.000	0.330
1	.01992	.07570	86861	6575	330032	4008803	46.152	1.352
5	.00560	.02761	80286	2217	395887	3678771	45.821	2.500
10	.00440	.02177	78069	1699	386097	3282884	42.051	2.500
15	.00653	.03216	76370	2456	376064	2896787	37.931	2.645
20	.00941	.04599	73914	3399	361346	2520723	34.104	2.581
25	.01058	.05155	70515	3635	343637	2159377	30.623	2.542
30	.01277	.06190	66880	4140	324297	1815739	27.149	2.560
35	.01601	.07707	62740	4835	301962	1491442	23.772	2.573
40	.02122	.10091	57905	5843	275310	1189480	20.542	2.568
45	.02738	.12831	52062	6680	244020	914170	17.559	2.562
50	.03754	.17181	45381	7797	207712	670150	14.767	2.538
55	.04785	.21391	37584	8040	168028	462439	12.304	2.526
60	.06847	.29233	29545	8637	126131	294410	9.965	2.500
65	.09486	.38140	20908	7974	84067	168280	8.049	2.433
70	.12797	.47782	12934	6180	48290	84213	6.511	2.350
75	.16592	.57015	6754	3851	23208	35923	5.319	2.257
80	.20984	.65791	2903	1910	9102	12715	4.380	2.166
85	.27488	******	993	993	3613	3613	3.638	3.638

AGE	M(X)	Q(X)	I(X)	D(X)	L(X)	T(X)	E(X)	A(X)
0	.13791	.12624	100000	12624	91542	4200000	42.000	0.330
1	.01861	.07095	87376	6199	333087	4108458	47.021	1.352
5	.00525	.02592	81176	2104	400621	3775371	46.508	2.500
10	.00415	.02054	79072	1624	391301	3374750	42.679	2.500
15	.00618	.03046	77448	2359	381687	2983449	38.522	2.646
20	.00891	.04361	75089	3275	367528	2601762	34.649	2.582
25	.01003	.04896	71814	3516	350432	2234234	31.111	2.543
30	.01211	.05882	68298	4017	331696	1883802	27.582	2.562
35	.01525	.07355	64281	4728	309943	1552107	24.146	2.576
40	.02032	.09683	59553	5767	283760	1242164	20.858	2.572
45	.02636	.12387	53786	6663	252716	958404	17.819	2.566
50	.03638	.16696	47123	7867	216286	705689	14.975	2.543
55	.04662	.20902	39256	8205	176013	489403	12.467	2.530
60	.06701	.28706	31050	8913	133009	313390	10.093	2.504
65	.09310	.37582	22137	8320	89366	180381	8.148	2.437
70	.12591	.47228	13817	6526	51828	91015	6.587	2.355
75	.16367	.56518	7292	4121	25180	39187	5.374	2.263
80	.20762	.65403	3171	2074	9988	14007	4.418	2.172
85	.27294	******	1097	1097	4019	4019	3.664	3.664

AGE	M(X)	Q(X)	I(X)	D(X)	L(X)	T(X)	E(X)	A(X)
0	.13190	.12119	100000	12119	91880	4300000	43.000	0.330
1	.01737	.06641	87881	5836	336068	4208120	47.884	1.352
5	.00492	.02431	82044	1995	405236	3872051	47.195	2.500
10	.00391	.01937	80050	1550	396374	3466816	43.308	2.500
15	.00584	.02882	78500	2263	387176	3070442	39.114	2.648
20	.00843	.04132	76237	3150	373574	2683266	35.196	2.584
25	.00951	.04647	73087	3396	357096	2309692	31.602	2.544
30	.01148	.05584	69691	3892	338976	1952596	28.018	2.564
35	.01452	.07013	65799	4615	317827	1613620	24.523	2.580
40	.01944	.09284	61185	5681	292152	1295793	21.178	2.576
45	.02537	.11950	55504	6633	261409	1003641	18.082	2.571
50	.03523	.16214	48871	7924	224925	742233	15.188	2.548
55	.04540	.20414	40947	8359	184129	517308	12.634	2.535
60	.06556	.28177	32588	9182	140068	333179	10.224	2.509
65	.09133	.37019	23406	8665	94867	193111	8.251	2.442
70	.12384	.46667	14741	6879	55549	98245	6.665	2.361
75	.16140	.56012	7862	4404	27284	42696	5.431	2.269
80	.20538	.65007	3458	2248	10946	15412	4.457	2.178
85	.27099	******	1210	1210	4466	4466	3.690	3.690

AGE	M(X)	Q(X)	I(X)	D(X)	L(X)	T(X)	E(X)	A(X)
0	.12605	.11624	100000	11624	92212	4400000	44.000	0.330
1	.01618	.06208	88376	5486	338978	4307788	48.744	1.352
5	.00461	.02277	82890	1888	409732	3968810	47.880	2.500
10	.00368	.01824	81002	1477	401319	3559078	43.938	2.500
15	.00552	.02725	79525	2167	392532	3157760	39.708	2.649
20	.00797	.03910	77358	3025	379486	2765228	35.746	2.585
25	.00901	.04405	74333	3275	363629	2385742	32.095	2.546
30	.01087	.05296	71059	3763	346135	2022113	28.457	2.566
35	.01381	.06681	67295	4496	325610	1675978	24.905	2.583
40	.01859	.08894	62799	5585	300480	1350368	21.503	2.580
45	.02440	.11520	57214	6591	270091	1049888	18.350	2.576
50	.03410	.15736	50623	7966	233621	779796	15.404	2.553
55	.04419	.19927	42657	8500	192370	546176	12.804	2.539
60	.06410	.27645	34157	9443	147306	353806	10.358	2.514
65	.08957	.36450	24714	9008	100573	206500	8.356	2.447
70	.12176	.46097	15706	7240	59459	105927	6.744	2.366
75	.15912	.55497	8466	4698	29527	46467	5.489	2.275
80	.20312	.64602	3768	2434	11983	16940	4.496	2.183
85	.26901	******	1334	1334	4957	4957	3.717	3.717

AGE	M(X)	Q(X)	I(X)	D(X)	L(X)	T(X)	E(X)	A(X)
0	.12036	.11138	100000	11138	92538	4500002	45.000	0.330
1	.01506	.05794	88862	5148	341817	4407464	49.599	1.352
5	.00431	.02131	83714	1784	414111	4065647	48.566	2.500
10	.00346	.01716	81930	1406	406137	3651536	44.569	2.500
15	.00521	.02573	80524	2072	397756	3245399	40.303	2.651
20	.00753	.03697	78453	2900	385264	2847644	36.298	2.587
25	.00852	.04172	75552	3152	370031	2462380	32.592	2.547
30	.01029	.05017	72400	3632	353170	2092349	28.900	2.569
35	.01312	.06357	68768	4372	333288	1739179	25.291	2.586
40	.01775	.08512	64396	5481	308738	1405891	21.832	2.584
45	.02345	.11095	58915	6537	278756	1097153	18.623	2.580
50	.03298	.15262	52378	7994	242366	818397	15.625	2.558
55	.04298	.19440	44384	8628	200731	576031	12.978	2.544
60	.06265	.27110	35756	9694	154723	375299	10.496	2.518
65	.08780	.35875	26062	9350	106488	220576	8.463	2.452
70	.11967	.45518	16713	7607	63567	114088	6.826	2.372
75	.15682	.54972	9105	5005	31918	50520	5.548	2.281
80	.20084	.64188	4100	2632	13103	18602	4.537	2.189
85	.26702	******	1468	1468	5499	5499	3.745	3.745

AGE	M(X)	Q(X)	I(X)	D(X)	L(X)	T(X)	E(X)	A(X)
0	.11481	.10661	100000	10661	92857	4600003	46.000	0.330
1	.01400	.05399	89339	4823	344586	4507146	50.450	1.352
5	.00402	.01991	84516	1683	418376	4162559	49.251	2.500
10	.00325	.01612	82834	1336	410831	3744184	45.201	2.500
15	.00491	.02427	81498	1978	402849	3333353	40.901	2.653
20	.00710	.03491	79521	2776	390908	2930504	36.852	2.588
25	.00805	.03946	76745	3028	376299	2539597	33.092	2.549
30	.00972	.04747	73716	3500	360079	2163297	29.346	2.571
35	.01245	.06043	70217	4243	340857	1803218	25.681	2.590
40	.01694	.08138	65973	5369	316918	1462361	22.166	2.588
45	.02251	.10677	60605	6471	287395	1145443	18.900	2.585
50	.03188	.14790	54134	8007	251153	858048	15.850	2.562
55	.04179	.18953	46127	8743	209207	606896	13.157	2.549
60	.06120	.26572	37385	9934	162317	397688	10.638	2.523
65	.08603	.35293	27451	9688	112615	235372	8.574	2.457
70	.11757	.44930	17763	7981	67881	122756	6.911	2.377
75	.15450	.54435	9782	5325	34465	54875	5.610	2.287
80	.19853	.63763	4457	2842	14316	20410	4.579	2.196
85	.26501	******	1615	1615	6095	6095	3.773	3.773

AGE	M(X)	Q(X)	I(X)	D(X)	L(X)	T(X)	E(X)	A(X)
0	.10940	.10193	100000	10193	93171	4699996	47.000	0.330
1	.01299	.05022	89807	4510	347287	4606825	51.297	1.352
5	.00375	.01857	85298	1584	422527	4259538	49.937	2.500
10	.00305	.01513	83713	1267	415400	3837011	45.835	2.500
15	.00462	.02286	82447	1885	407812	3421611	41.501	2.654
20	.00669	.03292	80562	2652	396417	3013799	37.410	2.590
25	.00759	.03728	77910	2904	382433	2617382	33.595	2.550
30	.00917	.04486	75005	3365	366859	2234949	29.797	2.573
35	.01180	.05737	71640	4110	348310	1868089	26.076	2.593
40	.01615	.07772	67530	5249	325014	1519779	22.505	2.592
45	.02160	.10264	62282	6393	295998	1194765	19.183	2.589
50	.03079	.14322	55889	8004	259973	898767	16.081	2.567
55	.04060	.18466	47885	8842	217790	638795	13.340	2.554
60	.05975	.26030	39042	10163	170085	421004	10.783	2.528
65	.08425	.34703	28880	10022	118958	250920	8.689	2.462
70	.11545	.44331	18857	8360	72406	131962	6.998	2.383
75	.15215	.53886	10498	5657	37178	59555	5.673	2.293
80	.19619	.63328	4841	3066	15626	22377	4.622	2.202
85	.26297	******	1775	1775	6751	6751	3.803	3.803

AGE	M(X)	Q(X)	I(X)	D(X)	L(X)	T(X)	E(X)	A(X)
0	.10421	.09733	100000	9733	93404	4800000	48.000	0.322
1	.01203	.04662	90267	4209	349955	4706596	52.141	1.360
5	.00349	.01730	86058	1489	426569	4356641	50.624	2.500
10	.00286	.01418	84569	1199	419849	3930072	46.472	2.500
15	.00434	.02150	83370	1793	412649	3510223	42.104	2.656
20	.00629	.03100	81578	2529	401795	3097573	37.971	2.591
25	.00716	.03517	79049	2780	388435	2695778	34.103	2.551
30	.00864	.04234	76268	3229	373511	2307344	30.253	2.575
35	.01117	.05440	73039	3973	355648	1933833	26.477	2.597
40	.01538	.07414	69066	5120	333024	1578184	22.850	2.596
45	.02070	.09858	63946	6304	304563	1245161	19.472	2.594
50	.02971	.13856	57642	7987	268822	940597	16.318	2.572
55	.03942	.17978	49655	8927	226480	671776	13.529	2.558
60	.05830	.25483	40728	10379	178029	445296	10.933	2.532
65	.08246	.34106	30349	10351	125524	267267	8.806	2.467
70	.11332	.43720	19998	8743	77156	141743	7.088	2.388
75	.14978	.53324	11255	6002	40069	64587	5.739	2.300
80	.19382	.62881	5253	3303	17044	24518	4.667	2.208
85	.26090	******	1950	1950	7474	7474	3.833	3.833

AGE	M(X)	Q(X)	I(X)	D(X)	L(X)	T(X)	E(X)	A(X)
0	.09918	.09283	100000	9283	93589	4900000	49.000	0.309
1	.01112	.04320	90717	3919	352575	4806411	52.982	1.373
5	.00324	.01609	86798	1396	430500	4453836	51.313	2.500
10	.00267	.01326	85402	1133	424178	4023335	47.111	2.500
15	.00408	.02020	84269	1702	417359	3599157	42.710	2.657
20	.00591	.02915	82567	2407	407041	3181798	38.536	2.592
25	.00674	.03313	80160	2656	394301	2774758	34.615	2.552
30	.00814	.03989	77504	3092	380029	2380457	30.714	2.577
35	.01056	.05151	74412	3833	362864	2000427	26.883	2.600
40	.01462	.07063	70580	4985	340937	1637563	23.202	2.601
45	.01981	.09456	65595	6203	313079	1296626	19.767	2.599
50	.02864	.13392	59392	7954	277689	983547	16.560	2.577
55	.03824	.17490	51438	8996	235266	705859	13.723	2.563
60	.05685	.24932	42441	10582	186145	470593	11.088	2.537
65	.08066	.33500	31860	10673	132314	284448	8.928	2.472
70	.11117	.43098	21187	9131	82138	152135	7.181	2.394
75	.14738	.52749	12056	6359	43148	69997	5.806	2.306
80	.19141	.62422	5696	3556	18577	26849	4.713	2.214
85	.25880	******	2141	2141	8271	8271	3.864	3.864

AGE	M(X)	Q(X)	I(X)	D(X)	L(X)	T(X)	E(X)	A(X)
0	.09427	.08841	100000	8841	93782	5000000	50.000	0.297
1	.01025	.03995	91159	3642	355121	4906218	53.820	1.387
5	.00301	.01493	87518	1307	434322	4551097	52.002	2.500
10	.00249	.01239	86211	1068	428386	4116775	47.752	2.500
15	.00382	.01894	85143	1613	421940	3688389	43.320	2.659
20	.00555	.02737	83531	2286	412151	3266448	39.105	2.594
25	.00633	.03116	81244	2532	400028	2854297	35.132	2.554
30	.00765	.03753	78713	2954	386410	2454269	31.180	2.579
35	.00997	.04870	75758	3689	369951	2067859	27.295	2.604
40	.01389	.06720	72069	4843	348746	1697908	23.559	2.605
45	.01894	.09061	67226	6091	321534	1349163	20.069	2.604
50	.02759	.12932	61135	7906	286562	1027628	16.809	2.582
55	.03707	.17001	53229	9049	244139	741066	13.922	2.568
60	.05539	.24376	44180	10769	194427	496928	11.248	2.542
65	.07886	.32885	33411	10987	139330	302500	9.054	2.477
70	.10899	.42462	22423	9522	87359	163171	7.277	2.400
75	.14495	.52159	12902	6730	46425	75812	5.876	2.313
80	.18896	.61949	6172	3824	20236	29386	4.761	2.221
85	.25667	******	2349	2349	9151	9151	3.896	3.896

AGE	M(X)	Q(X)	I(X)	D(X)	L(X)	T(X)	E(X)	A(X)
0	.08945	.08407	100000	8407	93982	5100001	51.000	0.284
1	.00944	.03686	91593	3376	357593	5006018	54.655	1.400
5	.00279	.01383	88217	1220	438035	4648425	52.693	2.500
10	.00232	.01155	86997	1005	432474	4210390	48.397	2.500
15	.00358	.01773	85992	1525	426394	3777916	43.933	2.660
20	.00519	.02565	84468	2167	417126	3351522	39.678	2.595
25	.00594	.02926	82301	2408	405616	2934395	35.655	2.555
30	.00717	.03525	79893	2816	392650	2528780	31.652	2.581
35	.00940	.04597	77076	3543	376903	2136130	27.714	2.607
40	.01317	.06384	73533	4694	356443	1759226	23.924	2.609
45	.01809	.08671	68839	5969	329920	1402784	20.378	2.608
50	.02654	.12473	62870	7842	295433	1072864	17.065	2.587
55	.03590	.16511	55028	9085	253091	777431	14.128	2.573
60	.05393	.23815	45943	10941	202873	524341	11.413	2.547
65	.07704	.32261	35002	11292	146574	321468	9.184	2.482
70	.10680	.41814	23710	9914	92829	174893	7.376	2.406
75	.14249	.51553	13796	7112	49914	82064	5.948	2.319
80	.18647	.61462	6684	4108	22030	32151	4.810	2.228
85	.25450	******	2576	2576	10121	10121	3.929	3.929

AGE	M(X)	Q(X)	I(X)	D(X)	L(X)	T(X)	E(X)	A(X)
0	.08475	.07982	100000	7982	94189	5200002	52.000	0.272
1	.00867	.03392	92018	3121	359994	5105813	55.487	1.412
5	.00257	.01278	88896	1136	441640	4745819	53.386	2.500
10	.00216	.01075	87760	943	436442	4304179	49.045	2.500
15	.00334	.01657	86817	1439	430720	3867737	44.551	2.662
20	.00486	.02400	85378	2049	421966	3437017	40.256	2.596
25	.00556	.02743	83329	2285	411062	3015051	36.182	2.556
30	.00672	.03305	81044	2678	398746	2603989	32.131	2.583
35	.00885	.04332	78366	3395	383717	2205243	28.140	2.610
40	.01247	.06055	74971	4540	364020	1821526	24.296	2.613
45	.01725	.08286	70431	5836	338227	1457506	20.694	2.613
50	.02551	.12017	64595	7762	304290	1119279	17.328	2.593
55	.03473	.16019	56833	9104	262114	814989	14.340	2.578
60	.05247	.23248	47729	11096	211478	552876	11.584	2.552
65	.07521	.31626	36633	11586	154051	341398	9.319	2.487
70	.10458	.41151	25047	10307	98558	187347	7.480	2.412
75	.13999	.50931	14740	7507	53626	88790	6.024	2.326
80	.18394	.60959	7233	4409	23971	35163	4.862	2.234
85	.25229	******	2824	2824	11193	11193	3.964	3.964

AGE	M(X)	Q(X)	I(X)	D(X)	L(X)	T(X)	E(X)	A(X)
0	.08015	.07566	100000	7566	94401	5300003	53.000	0.260
1	.00794	.03114	92434	2878	362323	5205602	56.317	1.425
5	.00237	.01179	89555	1056	445138	4843279	54.081	2.500
10	.00201	.00998	88500	883	440290	4398141	49.697	2.500
15	.00311	.01545	87616	1354	434919	3957851	45.172	2.663
20	.00453	.02240	86263	1933	426669	3522932	40.840	2.597
25	.00520	.02566	84330	2164	416364	3096263	36.716	2.557
30	.00628	.03092	82166	2541	404695	2679899	32.616	2.585
35	.00831	.04074	79626	3244	390387	2275204	28.574	2.614
40	.01179	.05734	76381	4380	371471	1884817	24.676	2.617
45	.01643	.07907	72001	5693	346446	1513346	21.018	2.618
50	.02449	.11563	66308	7667	313123	1166900	17.598	2.598
55	.03357	.15526	58641	9105	271198	853777	14.559	2.583
60	.05100	.22675	49536	11232	220236	582579	11.761	2.557
65	.07336	.30981	38304	11867	161761	362342	9.460	2.492
70	.10234	.40472	26437	10700	104555	200581	7.587	2.418
75	.13746	.50291	15737	7915	57578	96026	6.102	2.333
80	.18135	.60440	7823	4728	26071	38448	4.915	2.241
85	.25004	******	3095	3095	12377	12377	3.999	3.999

AGE	M(X)	Q(X)	I(X)	D(X)	L(X)	T(X)	E(X)	A(X)
0	.07566	.07159	100000	7159	94619	5400006	54.000	0.248
1	.00726	.02851	92841	2647	364583	5305387	57.145	1.437
5	.00218	.01085	90195	978	448528	4940804	54.779	2.500
10	.00186	.00925	89216	825	444020	4492277	50.353	2.500
15	.00290	.01438	88392	1271	438990	4048257	45.799	2.665
20	.00422	.02087	87120	1818	431235	3609267	41.428	2.599
25	.00485	.02395	85302	2043	421521	3178032	37.256	2.558
30	.00586	.02887	83259	2404	410493	2756511	33.108	2.587
35	.00779	.03825	80855	3093	396907	2346018	29.015	2.618
40	.01113	.05420	77762	4215	378788	1949111	25.065	2.622
45	.01563	.07533	73547	5540	354567	1570323	21.351	2.623
50	.02347	.11112	68007	7557	321922	1215756	17.877	2.603
55	.03241	.15032	60450	9087	280334	893834	14.786	2.588
60	.04953	.22095	51363	11349	229144	613500	11.944	2.562
65	.07150	.30324	40015	12134	169708	384355	9.605	2.498
70	.10006	.39778	27881	11090	110832	214647	7.699	2.424
75	.13488	.49632	16790	8333	61783	103816	6.183	2.340
80	.17872	.59903	8457	5066	28345	42032	4.970	2.249
85	.24775	******	3391	3391	13687	13687	4.036	4.036

AGE	M(X)	Q(X)	I(X)	D(X)	L(X)	T(X)	E(X)	A(X)
0	.07128	.06760	100000	6760	94841	5500000	55.000	0.237
1	.00661	.02602	93240	2426	366772	5405159	57.970	1.449
5	.00200	.00995	90814	904	451811	5038387	55.480	2.500
10	.00172	.00855	89910	768	447631	4586576	51.013	2.500
15	.00269	.01335	89142	1190	442932	4138946	46.431	2.666
20	.00392	.01940	87952	1706	435663	3696014	42.023	2.600
25	.00451	.02231	86245	1924	426530	3260351	37.803	2.559
30	.00545	.02690	84321	2268	416137	2833821	33.607	2.589
35	.00729	.03583	82053	2940	403272	2417684	29.465	2.621
40	.01048	.05114	79113	4046	385962	2014412	25.462	2.626
45	.01483	.07165	75067	5379	362579	1628451	21.693	2.628
50	.02247	.10662	69689	7431	330674	1265872	18.165	2.608
55	.03126	.14536	62258	9050	289511	935198	15.021	2.593
60	.04805	.21509	53208	11445	238194	645687	12.135	2.567
65	.06962	.29655	41764	12385	177892	407493	9.757	2.503
70	.09776	.39066	29379	11477	117397	229601	7.815	2.430
75	.13226	.48953	17902	8763	66258	112204	6.268	2.347
80	.17603	.59347	9138	5423	30808	45946	5.028	2.256
85	.24541	******	3715	3715	15138	15138	4.075	4.075

AGE	M(X)	Q(X)	I(X)	D(X)	L(X)	T(X)	E(X)	A(X)
0	.06700	.06370	100000	6370	95067	5600000	56.000	0.226
1	.00601	.02368	93630	2217	368893	5504933	58.794	1.461
5	.00183	.00910	91413	832	454987	5136040	56.185	2.500
10	.00158	.00788	90581	714	451122	4681053	51.678	2.500
15	.00249	.01237	89868	1111	446746	4229931	47.068	2.668
20	.00363	.01799	88756	1597	439951	3783185	42.624	2.601
25	.00419	.02073	87160	1807	431390	3343234	38.358	2.561
30	.00506	.02500	85353	2133	421623	2911844	34.115	2.591
35	.00681	.03349	83219	2787	409476	2490220	29.924	2.625
40	.00985	.04815	80432	3872	392986	2080744	25.870	2.631
45	.01406	.06802	76560	5208	370472	1687758	22.045	2.633
50	.02148	.10216	71352	7289	339368	1317286	18.462	2.614
55	.03011	.14038	64063	8993	298717	977918	15.265	2.598
60	.04656	.20916	55070	11518	247380	679201	12.333	2.572
65	.06773	.28974	43551	12619	186316	431821	9.915	2.508
70	.09543	.38336	30933	11858	124263	245505	7.937	2.436
75	.12959	.48253	19074	9204	71020	121243	6.356	2.354
80	.17328	.58771	9870	5801	33476	50222	5.088	2.263
85	.24302	******	4069	4069	16746	16746	4.115	4.115

AGE	M(X)	Q(X)	I(X)	D(X)	L(X)	T(X)	E(X)	A(X)
0	.06284	.05989	100000	5989	95297	5700000	57.000	0.215
1	.00544	.02147	94011	2018	370944	5604703	59.617	1.473
5	.00167	.00830	91993	764	458056	5233759	56.893	2.500
10	.00145	.00724	91229	661	454494	4775703	52.348	2.500
15	.00230	.01142	90569	1035	450432	4321208	47.712	2.669
20	.00335	.01664	89534	1489	444098	3870777	43.232	2.602
25	.00388	.01921	88044	1692	436098	3426678	38.920	2.562
30	.00469	.02317	86353	2001	426948	2990581	34.632	2.593
35	.00634	.03122	84352	2634	415515	2563632	30.392	2.628
40	.00924	.04523	81718	3696	399852	2148117	26.287	2.635
45	.01330	.06445	78023	5029	378236	1748266	22.407	2.638
50	.02050	.09771	72994	7132	347990	1370030	18.769	2.619
55	.02896	.13539	65861	8917	307941	1022040	15.518	2.604
60	.04507	.20316	56945	11569	256694	714099	12.540	2.577
65	.06581	.28280	45376	12832	194978	457405	10.080	2.514
70	.09306	.37587	32544	12232	131439	262427	8.064	2.443
75	.12688	.47529	20311	9654	76088	130988	6.449	2.362
80	.17047	.58172	10658	6200	36369	54899	5.151	2.271
85	.24057	******	4458	4458	18531	18531	4.157	4.157

AGE	M(X)	Q(X)	I(X)	D(X)	L(X)	T(X)	E(X)	A(X)
0	.05880	.05617	100000	5617	95529	5800000	58.000	0.204
1	.00491	.01939	94383	1830	372927	5704471	60.439	1.484
5	.00152	.00755	92553	699	461018	5331544	57.605	2.500
10	.00133	.00664	91854	610	457747	4870526	53.024	2.500
15	.00211	.01052	91245	960	453987	4412779	48.362	2.671
20	.00309	.01534	90285	1385	448104	3958792	43.848	2.603
25	.00358	.01776	88900	1578	440651	3510688	39.490	2.563
30	.00433	.02141	87321	1870	432108	3070037	35.158	2.595
35	.00589	.02904	85451	2481	421381	2637929	30.871	2.632
40	.00865	.04238	82970	3517	406551	2216548	26.715	2.640
45	.01255	.06094	79454	4842	385858	1809997	22.781	2.643
50	.01952	.09329	74612	6961	356527	1424139	19.087	2.625
55	.02781	.13038	67651	8820	317169	1067612	15.781	2.609
60	.04357	.19708	58831	11594	266126	750443	12.756	2.582
65	.06388	.27571	47237	13024	203880	484317	10.253	2.520
70	.09066	.36818	34213	12596	138937	280437	8.197	2.449
75	.12411	.46781	21617	10112	81481	141500	6.546	2.369
80	.16759	.57550	11504	6621	39505	60019	5.217	2.279
85	.23806	******	4883	4883	20514	20514	4.201	4.201

AGE	M(X)	Q(X)	I(X)	D(X)	L(X)	T(X)	E(X)	A(X)
0	.05486	.05254	100000	5254	95763	5900000	59.000	0.194
1	.00441	.01745	94746	1653	374842	5804237	61.261	1.495
5	.00137	.00684	93093	636	463872	5429395	58.322	2.500
10	.00122	.00606	92456	561	460880	4965523	53.707	2.500
15	.00194	.00966	91896	888	457412	4504643	49.019	2.673
20	.00284	.01410	91008	1283	451965	4047231	44.471	2.605
25	.00330	.01636	89725	1468	445047	3595266	40.070	2.564
30	.00398	.01973	88257	1741	437098	3150219	35.694	2.596
35	.00545	.02692	86515	2329	427070	2713121	31.360	2.636
40	.00807	.03962	84186	3335	413074	2286051	27.155	2.644
45	.01182	.05749	80851	4648	393326	1872978	23.166	2.649
50	.01856	.08890	76203	6774	364965	1479651	19.417	2.631
55	.02666	.12535	69429	8703	326386	1114686	16.055	2.615
60	.04206	.19092	60726	11594	275666	788300	12.981	2.588
65	.06193	.26849	49133	13191	213018	512634	10.434	2.525
70	.08822	.36027	35941	12948	146768	299615	8.336	2.456
75	.12128	.46007	22993	10578	87220	152848	6.648	2.377
80	.16464	.56902	12414	7064	42907	65628	5.286	2.287
85	.23548	******	5350	5350	22721	22721	4.247	4.247

AGE	M(X)	Q(X)	I(X)	D(X)	L(X)	T(X)	E(X)	A(X)
0	.05105	.04901	100000	4901	95998	6000000	60.000	0.183
1	.00395	.01564	95099	1487	376688	5904002	62.082	1.505
5	.00124	.00617	93612	577	466618	5527314	59.045	2.500
10	.00111	.00552	93035	514	463891	5060695	54.396	2.500
15	.00178	.00884	92521	818	460705	4596804	49.684	2.674
20	.00260	.01292	91704	1185	455681	4136100	45.103	2.606
25	.00303	.01502	90519	1360	449283	3680418	40.659	2.565
30	.00366	.01812	89159	1616	441915	3231135	36.240	2.598
35	.00504	.02489	87543	2179	432574	2789221	31.861	2.640
40	.00752	.03692	85365	3152	419412	2356647	27.607	2.649
45	.01110	.05410	82213	4448	400630	1937235	23.564	2.654
50	.01761	.08453	77765	6574	373289	1536605	19.760	2.637
55	.02552	.12030	71191	8564	335578	1163316	16.341	2.621
60	.04054	.18467	62627	11566	285302	827739	13.217	2.593
65	.05995	.26111	51061	13333	222391	542437	10.623	2.531
70	.08575	.35214	37729	13286	154940	320045	8.483	2.463
75	.11840	.45205	24443	11049	93326	165105	6.755	2.385
80	.16161	.56227	13394	7531	46600	71780	5.359	2.295
85	.23284	******	5863	5863	25179	25179	4.295	4.295

AGE	M(X)	Q(X)	I(X)	D(X)	L(X)	T(X)	E(X)	A(X)
0	.04736	.04557	100000	4557	96234	6100000	61.000	0.174
1	.00352	.01394	95443	1331	378465	6003766	62.904	1.516
5	.00111	.00554	94112	522	469256	5625301	59.772	2.500
10	.00100	.00501	93590	468	466781	5156046	55.092	2.500
15	.00162	.00806	93122	751	463865	4689265	50.356	2.676
20	.00237	.01179	92371	1089	459250	4225400	45.744	2.607
25	.00277	.01375	91282	1255	453356	3766149	41.258	2.566
30	.00334	.01658	90027	1493	446553	3312794	36.798	2.600
35	.00464	.02293	88534	2030	437887	2866241	32.374	2.644
40	.00697	.03431	86504	2968	425557	2428353	28.072	2.654
45	.01040	.05077	83536	4241	407755	2002796	23.975	2.660
50	.01667	.08020	79295	6359	381482	1595042	20.115	2.643
55	.02438	.11523	72935	8405	344726	1213560	16.639	2.626
60	.03901	.17835	64531	11509	295020	868834	13.464	2.599
65	.05795	.25357	53021	13445	231994	573813	10.822	2.537
70	.08323	.34377	39577	13605	163465	341819	8.637	2.470
75	.11545	.44373	25972	11524	99821	178355	6.867	2.394
80	.15849	.55522	14447	8021	50610	78533	5.436	2.304
85	.23013	******	6426	6426	27923	27923	4.345	4.345

AGE	M(X)	Q(X)	I(X)	D(X)	L(X)	T(X)	E(X)	A(X)
0	.04378	.04224	100000	4224	96469	6200000	62.000	0.164
1	.00312	.01237	95776	1185	380173	6103531	63.727	1.526
5	.00099	.00496	94591	469	471784	5723358	60.506	2.500
10	.00091	.00452	94122	425	469548	5251575	55.795	2.500
15	.00147	.00732	93697	686	466891	4782027	51.037	2.677
20	.00216	.01072	93011	997	462670	4315136	46.394	2.608
25	.00252	.01253	92014	1153	457263	3852466	41.868	2.567
30	.00305	.01512	90861	1374	451009	3395203	37.367	2.602
35	.00425	.02105	89487	1884	443004	2944194	32.901	2.648
40	.00645	.03178	87603	2784	431499	2501191	28.551	2.659
45	.00972	.04751	84819	4030	414688	2069692	24.401	2.666
50	.01574	.07590	80789	6132	389528	1655004	20.485	2.649
55	.02324	.11016	74657	8224	353813	1265476	16.951	2.632
60	.03748	.17195	66433	11423	304806	911663	13.723	2.605
65	.05593	.24588	55010	13526	241821	606856	11.032	2.543
70	.08067	.33515	41484	13903	172350	365036	8.799	2.477
75	.11244	.43510	27581	12000	106731	192686	6.986	2.402
80	.15529	.54785	15581	8536	54967	85955	5.517	2.313
85	.22734	******	7045	7045	30988	30988	4.399	4.399

AGE	M(X)	Q(X)	I(X)	D(X)	L(X)	T(X)	E(X)	A(X)
0	.04034	.03901	100000	3901	96703	6300000	63.000	0.155
1	.00275	.01092	96099	1050	381811	6203297	64.551	1.535
5	.00088	.00441	95050	419	474201	5821487	61.247	2.500
10	.00081	.00406	94630	385	472191	5347286	56.507	2.500
15	.00133	.00662	94246	624	469782	4875095	51.727	2.679
20	.00195	.00971	93622	909	465938	4405313	47.054	2.609
25	.00229	.01138	92713	1055	461001	3939375	42.490	2.568
30	.00276	.01372	91658	1258	455279	3478374	37.949	2.605
35	.00388	.01925	90400	1740	447916	3023096	33.441	2.652
40	.00595	.02933	88660	2601	437227	2575179	29.045	2.664
45	.00905	.04433	86060	3815	421417	2137952	24.843	2.671
50	.01483	.07164	82245	5892	397410	1716535	20.871	2.655
55	.02211	.10507	76353	8022	362819	1319125	17.277	2.638
60	.03593	.16546	68331	11306	314641	956306	13.995	2.611
65	.05389	.23801	57025	13573	251863	641664	11.252	2.549
70	.07807	.32627	43452	14177	181603	389801	8.971	2.485
75	.10935	.42613	29275	12475	114078	208198	7.112	2.411
80	.15200	.54014	16800	9074	59701	94120	5.602	2.322
85	.22446	******	7726	7726	34419	34419	4.455	4.455

AGE	M(X)	Q(X)	I(X)	D(X)	L(X)	T(X)	E(X)	A(X)
0	.03702	.03588	100000	3588	96934	6400000	64.000	0.146
1	.00241	.00958	96412	924	383378	6303066	65.377	1.545
5	.00078	.00390	95488	373	476506	5919687	61.994	2.500
10	.00073	.00364	95115	346	474710	5443181	57.227	2.500
15	.00119	.00596	94769	565	472536	4968472	52.427	2.681
20	.00176	.00875	94204	824	469053	4495936	47.725	2.611
25	.00207	.01028	93380	960	464567	4026883	43.123	2.569
30	.00250	.01240	92420	1146	459357	3562316	38.545	2.607
35	.00353	.01753	91274	1600	452619	3102960	33.996	2.656
40	.00546	.02697	89674	2418	442734	2650341	29.555	2.669
45	.00840	.04121	87256	3596	427928	2207607	25.300	2.677
50	.01392	.06743	83660	5641	405109	1779680	21.273	2.662
55	.02098	.09997	78019	7800	371723	1374571	17.618	2.645
60	.03438	.15888	70219	11157	324507	1002848	14.282	2.617
65	.05182	.22998	59063	13583	262111	678341	11.485	2.556
70	.07542	.31712	45479	14422	191230	416230	9.152	2.492
75	.10620	.41681	31057	12945	121888	224999	7.245	2.420
80	.14861	.53206	18112	9637	64847	103111	5.693	2.332
85	.22150	******	8475	8475	38264	38264	4.515	4.515

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AGE	M(X)	Q(X)	I(X)	D(X)	L(X)	T(X)	E(X)	A(X)
0	.03383	.03287	100000	3287	97163	6500000	65.000	0.137
1	.00210	.00836	96713	808	384874	6402837	66.205	1.554
5	.00069	.00344	95905	330	478699	6017962	62.749	2.500
10	.00065	.00324	95575	309	477102	5539263	57.957	2.500
15	.00107	.00534	95266	508	475151	5062161	53.137	2.683
20	.00157	.00785	94757	743	472012	4587010	48.408	2.612
25	.00186	.00925	94014	869	467958	4114998	43.770	2.570
30	.00224	.01115	93145	1039	463239	3647040	39.155	2.609
35	.00320	.01589	92106	1463	457105	3183801	34.567	2.660
40	.00500	.02469	90643	2238	448008	2726697	30.082	2.674
45	.00777	.03817	88405	3375	434205	2278689	25.776	2.684
50	.01304	.06326	85030	5379	412606	1844483	21.692	2.668
55	.01986	.09487	79651	7557	380502	1431877	17.977	2.651
60	.03282	.15223	72094	10975	334381	1051375	14.583	2.623
65	.04973	.22178	61119	13555	272550	716994	11.731	2.562
70	.07272	.30769	47564	14635	201236	444444	9.344	2.500
75	.10298	.40711	32929	13406	130185	243209	7.386	2.429
80	.14511	.52358	19523	10222	70443	113023	5.789	2.342
85	.21845	******	9301	9301	42580	42580	4.578	4.578

AGE	M(X)	Q(X)	I(X)	D(X)	L(X)	T(X)	E(X)	A(X)
0	.03078	.02998	100000	2998	97388	6600006	66.000	0.129
1	.00182	.00724	97002	702	386299	6502618	67.036	1.563
5	.00060	.00301	96300	289	480778	6116319	63.513	2.500
10	.00057	.00286	96011	275	479368	5635541	58.697	2.500
15	.00095	.00475	95736	455	477627	5156173	53.858	2.685
20	.00140	.00700	95281	667	474814	4678546	49.103	2.613
25	.00166	.00827	94614	783	471170	4203732	44.430	2.571
30	.00201	.00998	93832	936	466921	3732562	39.779	2.611
35	.00288	.01433	92895	1331	461368	3265641	35.154	2.665
40	.00455	.02250	91564	2061	453041	2804272	30.626	2.680
45	.00716	.03522	89504	3152	440237	2351231	26.270	2.690
50	.01217	.05915	86351	5108	419881	1910994	22.130	2.675
55	.01874	.08977	81243	7294	389132	1491113	18.354	2.658
60	.03126	.14550	73950	10760	344240	1101980	14.902	2.629
65	.04762	.21340	63190	13485	283165	757741	11.991	2.569
70	.06999	.29796	49705	14810	211620	474576	9.548	2.508
75	.09967	.39702	34895	13854	138995	262956	7.536	2.439
80	.14151	.51467	21041	10829	76528	123961	5.891	2.352
85	.21529	******	10212	10212	47433	47433	4.645	4.645

AGE	M(X)	Q(X)	I(X)	D(X)	L(X)	T(X)	E(X)	A(X)
0	.02787	.02720	100000	2720	97608	6700002	67.000	0.121
1	.00156	.00622	97280	605	387650	6602394	67.870	1.571
5	.00052	.00261	96675	252	482743	6214744	64.285	2.500
10	.00050	.00252	96422	243	481505	5732002	59.447	2.500
15	.00084	.00421	96180	405	479961	5250497	54.591	2.687
20	.00124	.00620	95775	594	477456	4770536	49.810	2.614
25	.00148	.00736	95181	700	474202	4293080	45.105	2.572
30	.00178	.00887	94480	838	470399	3818878	40.420	2.613
35	.00259	.01285	93642	1204	465403	3348479	35.758	2.669
40	.00412	.02041	92438	1887	457823	2883076	31.189	2.686
45	.00657	.03236	90551	2930	446007	2425253	26.783	2.697
50	.01131	.05511	87621	4828	426915	1979246	22.589	2.682
55	.01764	.08469	82793	7012	397587	1552331	18.750	2.664
60	.02969	.13870	75781	10511	354054	1154744	15.238	2.636
65	.04549	.20485	65270	13371	293933	800690	12.267	2.575
70	.06720	.28795	51900	14944	222379	506756	9.764	2.516
75	.09629	.38651	36955	14284	148338	284377	7.695	2.449
80	.13779	.50530	22672	11456	83143	136039	6.000	2.363
85	.21203	******	11216	11216	52896	52896	4.716	4.716

AGE	M(X)	Q(X)	I(X)	D(X)	L(X)	T(X)	E(X)	A(X)
0	.02510	.02455	100000	2455	97822	6800001	68.000	0.113
1	.00133	.00530	97545	517	388927	6702178	68.709	1.579
5	.00045	.00225	97027	218	484591	6313252	65.067	2.500
10	.00044	.00220	96809	213	483513	5828661	60.208	2.500
15	.00074	.00370	96596	358	482154	5345148	55.335	2.689
20	.00110	.00547	96238	526	479937	4862995	50.531	2.615
25	.00131	.00651	95712	623	477050	4383057	45.794	2.573
30	.00157	.00784	95090	746	473669	3906007	41.077	2.615
35	.00231	.01146	94344	1082	469203	3432338	36.381	2.674
40	.00371	.01842	93262	1717	462346	2963135	31.772	2.692
45	.00600	.02959	91545	2709	451503	2500789	27.318	2.703
50	.01047	.05113	88836	4542	433685	2049286	23.068	2.689
55	.01654	.07962	84294	6712	405840	1615601	19.166	2.671
60	.02811	.13183	77582	10228	363795	1209761	15.593	2.642
65	.04334	.19614	67354	13211	304832	845965	12.560	2.582
70	.06437	.27763	54144	15032	233508	541133	9.994	2.525
75	.09283	.37557	39112	14689	158238	307625	7.865	2.459
80	.13395	.49545	24423	12100	90333	149388	6.117	2.374
85	.20866	******	12323	12323	59054	59054	4.792	4.792

AGE	M(X)	Q(X)	I(X)	D(X)	L(X)	T(X)	E(X)	A(X)
0	.02248	.02203	100000	2203	98030	6900000	69.000	0.106
1	.00112	.00448	97797	439	390129	6801970	69.552	1.587
5	.00039	.00193	97358	188	486322	6411842	65.858	2.500
10	.00038	.00191	97171	185	485390	5925519	60.981	2.500
15	.00065	.00324	96985	314	484203	5440129	56.092	2.691
20	.00096	.00478	96672	462	482256	4955926	51.266	2.617
25	.00115	.00571	96209	550	479713	4473670	46.499	2.574
30	.00138	.00689	95660	659	476729	3993958	41.752	2.617
35	.00204	.01016	95001	965	472764	3517229	37.023	2.679
40	.00333	.01652	94036	1553	466601	3044466	32.376	2.698
45	.00545	.02692	92482	2489	456711	2577865	27.874	2.711
50	.00966	.04724	89993	4251	440173	2121154	23.570	2.697
55	.01545	.07458	85742	6395	413863	1680980	19.605	2.678
60	.02654	.12492	79347	9912	373431	1267117	15.969	2.649
65	.04117	.18726	69435	13003	315831	893686	12.871	2.589
70	.06150	.26700	56433	15068	244994	577855	10.240	2.533
75	.08929	.36418	41365	15064	168711	332860	8.047	2.470
80	.12999	.48506	26301	12758	98144	164150	6.241	2.385
85	.20518	******	13543	13543	66006	66006	4.874	4.874

AGE	M(X)	Q(X)	I(X)	D(X)	L(X)	T(X)	E(X)	A(X)
0	.02000	.01965	100000	1965	98230	7000008	70.000	0.099
1	.00094	.00376	98035	368	391255	6901778	70.401	1.594
5	.00033	.00163	97667	160	487936	6510523	66.660	2.500
10	.00033	.00164	97508	160	487138	6022587	61.765	2.500
15	.00056	.00281	97348	273	486108	5535449	56.863	2.693
20	.00083	.00415	97074	403	484412	5049342	52.015	2.618
25	.00100	.00498	96671	481	482188	4564930	47.221	2.575
30	.00120	.00600	96190	577	479575	4082742	42.445	2.620
35	.00180	.00894	95612	855	476081	3603167	37.685	2.684
40	.00297	.01473	94757	1396	470582	3127086	33.001	2.704
45	.00493	.02436	93362	2274	461619	2656504	28.454	2.718
50	.00886	.04343	91088	3956	446359	2194885	24.096	2.705
55	.01438	.06958	87132	6063	421627	1748526	20.068	2.686
60	.02497	.11795	81069	9562	382927	1326899	16.368	2.656
65	.03899	.17823	71506	12745	326898	943973	13.201	2.596
70	.05859	.25608	58761	15048	256820	617074	10.501	2.542
75	.08567	.35232	43714	15401	179771	360255	8.241	2.481
80	.12590	.47412	28313	13424	106622	180483	6.375	2.397
85	.20158	******	14889	14889	73861	73861	4.961	4.961

AGE	M(X)	Q(X)	I(X)	D(X)	L(X)	T(X)	E(X)	A(X)
0	.01768	.01740	100000	1740	98421	7100000	71.000	0.093
1	.00078	.00311	98260	306	392304	7001579	71.256	1.601
5	.00027	.00137	97954	134	489432	6609275	67.473	2.500
10	.00028	.00140	97819	137	488754	6119843	62.563	2.500
15	.00048	.00241	97682	236	487869	5631089	57.647	2.695
20	.00072	.00358	97447	349	486403	5143220	52.780	2.619
25	.00086	.00431	97098	418	484475	4656817	47.960	2.576
30	.00104	.00519	96680	502	482205	4172342	43.156	2.622
35	.00157	.00782	96178	752	479152	3690137	38.368	2.689
40	.00262	.01304	95426	1245	474281	3210984	33.649	2.711
45	.00443	.02191	94182	2063	466215	2736703	29.058	2.725
50	.00809	.03973	92118	3660	452220	2270488	24.648	2.713
55	.01333	.06464	88458	5718	429102	1818268	20.555	2.693
60	.02341	.11097	82740	9181	392241	1389166	16.790	2.663
65	.03680	.16907	73558	12437	337991	996925	13.553	2.604
70	.05565	.24486	61122	14966	268956	658934	10.781	2.551
75	.08198	.33999	46156	15693	191424	389978	8.449	2.492
80	.12168	.46259	30463	14092	115810	198553	6.518	2.409
85	.19786	******	16371	16371	82743	82743	5.054	5.054

AGE	M(X)	Q(X)	I(X)	D(X)	L(X)	T(X)	E(X)	A(X)
0	.01552	.01530	100000	1530	98602	7200000	72.000	0.087
1	.00064	.00255	98470	251	393277	7101398	72.118	1.607
5	.00023	.00114	98218	112	490811	6708121	68.298	2.500
10	.00024	.00118	98106	116	490241	6217311	63.373	2.500
15	.00041	.00206	97990	202	489486	5727070	58.445	2.697
20	.00061	.00306	97788	299	488231	5237584	53.560	2.621
25	.00074	.00369	97489	360	486575	4749353	48.717	2.577
30	.00089	.00445	97129	432	484620	4262778	43.888	2.625
35	.00136	.00678	96697	655	481976	3778158	39.072	2.695
40	.00231	.01147	96042	1101	477696	3296182	34.320	2.717
45	.00395	.01958	94941	1859	470491	2818486	29.687	2.733
50	.00735	.03615	93082	3365	457742	2347995	25.225	2.721
55	.01229	.05977	89717	5363	436258	1890254	21.069	2.701
60	.02185	.10397	84354	8771	401337	1453995	17.237	2.670
65	.03460	.15979	75584	12078	349067	1052659	13.927	2.611
70	.05267	.23336	63506	14820	281373	703591	11.079	2.560
75	.07821	.32718	48686	15929	203672	422218	8.672	2.504
80	.11733	.45044	32757	14755	125754	218546	6.672	2.422
85	.19400	******	18002	18002	92793	92793	5.155	5.155

AGE	M(X)	Q(X)	I(X)	D(X)	L(X)	T(X)	E(X)	A(X)
0	.01352	.01335	100000	1335	98773	7300000	73.000	0.081
1	.00052	.00207	98665	204	394172	7201227	72.987	1.613
5	.00019	.00094	98461	92	492072	6807055	69.135	2.500
10	.00020	.00099	98368	97	491598	6314983	64.197	2.500
15	.00035	.00174	98271	171	490961	5823386	59.258	2.700
20	.00052	.00259	98100	254	489897	5332424	54.357	2.622
25	.00063	.00314	97846	307	488487	4842527	49.491	2.578
30	.00076	.00378	97539	369	486821	4354040	44.639	2.627
35	.00117	.00582	97170	566	484551	3867219	39.798	2.701
40	.00201	.01000	96605	966	480824	3382668	35.016	2.725
45	.00350	.01738	95638	1662	474438	2901844	30.342	2.742
50	.00664	.03270	93976	3073	462906	2427406	25.830	2.730
55	.01128	.05499	90904	4999	443069	1964500	21.611	2.710
60	.02031	.09700	85905	8332	410171	1521432	17.711	2.677
65	.03240	.15042	77572	11668	360077	1111260	14.325	2.619
70	.04967	.22160	65904	14604	294027	751184	11.398	2.570
75	.07438	.31389	51300	16103	216501	457157	8.911	2.516
80	.11285	.43763	35197	15403	136491	240656	6.837	2.436
85	.19002	******	19794	19794	104165	104165	5.262	5.262

AGE	M(X)	Q(X)	I(X)	D(X)	L(X)	T(X)	E(X)	A(X)
0	.01168	.01155	100000	1155	98932	7399999	74.000	0.076
1	.00041	.00166	98845	164	394989	7301066	73.864	1.618
5	.00015	.00076	98681	75	493218	6906077	69.984	2.500
10	.00016	.00082	98606	81	492827	6412859	65.035	2.500
15	.00029	.00145	98525	143	492296	5920032	60.087	2.702
20	.00043	.00217	98382	213	491403	5427735	55.170	2.624
25	.00053	.00264	98169	259	490216	4936333	50.284	2.579
30	.00064	.00318	97909	311	488809	4446117	45.411	2.630
35	.00099	.00496	97598	484	486880	3957308	40.547	2.707
40	.00174	.00865	97114	840	483664	3470427	35.736	2.732
45	.00308	.01531	96274	1474	478052	2986763	31.024	2.750
50	.00596	.02938	94800	2785	467700	2508711	26.463	2.739
55	.01030	.05032	92014	4630	449505	2041010	22.181	2.718
60	.01880	.09006	87384	7870	418703	1591505	18.213	2.685
65	.03022	.14098	79514	11210	370964	1172802	14.750	2.626
70	.04665	.20960	68304	14317	306864	801838	11.739	2.579
75	.07048	.30013	53988	16203	229891	494975	9.168	2.529
80	.10825	.42415	37784	16026	148052	265083	7.016	2.450
85	18592	******	21758	21758	117031	117031	5 379	5.379

AGE	M(X)	Q(X)	I(X)	D(X)	L(X)	T(X)	E(X)	A(X)
0	.01000	.00990	100000	990	99080	7499994	75.000	0.071
1	.00033	.00131	99010	129	395731	7400914	74.749	1.623
5	.00012	.00061	98880	61	494250	7005184	70.845	2.500
10	.00013	.00067	98820	66	493933	6510934	65.887	2.500
15	.00024	.00120	98753	119	493494	6017002	60.930	2.705
20	.00036	.00180	98635	177	492753	5523507	56.000	2.625
25	.00044	.00220	98458	217	491764	5030755	51.096	2.580
30	.00053	.00265	98241	260	490589	4538991	46.203	2.633
35	.00084	.00418	97981	410	488968	4048402	41.318	2.713
40	.00149	.00742	97571	724	486220	3559434	36.480	2.740
45	.00269	.01338	96847	1296	481332	3073214	31.733	2.759
50	.00531	.02623	95551	2506	472114	2591882	27.126	2.748
55	.00935	.04578	93045	4259	455545	2119768	22.782	2.727
60	.01730	.08319	88786	7387	426889	1664223	18.744	2.693
65	.02805	.13152	81400	10706	381671	1237334	15.201	2.634
70	.04364	.19741	70694	13955	319822	855664	12.104	2.589
75	.06654	.28592	56738	16223	243805	535841	9.444	2.541
80	.10352	.40997	40515	16610	160459	292037	7.208	2.464
85	.18168	******	23905	23905	131578	131578	5.504	5.504

AGE	M(X)	Q(X)	I(X)	D(X)	L(X)	T(X)	E(X)	A(X)
0	.16122	.14593	100000	14593	90515	3500000	35.000	0.350
1	.03111	.11498	85407	9820	315713	3409485	39.920	1.361
5	.00775	.03800	75587	2872	370754	3093772	40.930	2.500
10	.00581	.02862	72715	2081	358372	2723018	37.448	2.500
15	.01242	.06039	70634	4266	343382	2364646	33.477	2.705
20	.01761	.08444	66368	5604	318194	2021264	30.455	2.565
25	.02021	.09619	60764	5845	289214	1703070	28.028	2.501
30	.02166	.10268	54919	5639	260392	1413856	25.744	2.481
35	.02293	.10837	49280	5341	232902	1153463	23.406	2.472
40	.02385	.11250	43940	4943	207292	920561	20.951	2.490
45	.02776	.12985	38996	5064	182438	713270	18.291	2.523
50	.03510	.16150	33933	5480	156144	530831	15.644	2.533
55	.04616	.20707	28453	5892	127640	374687	13.169	2.518
60	.06074	.26347	22561	5944	97871	247047	10.950	2.488
65	.07984	.33175	16617	5513	69045	149176	8.977	2.453
70	.10786	.42131	11104	4678	43376	80132	7.216	2.404
75	.14811	.52993	6426	3405	22991	36756	5.720	2.316
80	.19652	.63508	3021	1918	9762	13765	4.557	2.216
85	.27533	******	1102	1102	4004	4004	3.632	3.632

AGE	M(X)	Q(X)	I(X)	D(X)	L(X)	T(X)	E(X)	A(X)
0	.15624	.14183	100000	14183	90781	3600000	36.000	0.350
1	.02945	.10930	85817	9380	318514	3509219	40.892	1.361
5	.00732	.03595	76437	2748	375317	3190705	41.743	2.500
10	.00549	.02709	73689	1996	363456	2815388	38.206	2.500
15	.01174	.05714	71693	4097	349070	2451932	34.200	2.706
20	.01664	.07997	67596	5406	324833	2102862	31.109	2.567
25	.01916	.09143	62191	5686	296765	1778029	28.590	2.505
30	.02060	.09791	56505	5532	268610	1481264	26.215	2.485
35	.02193	.10390	50972	5296	241499	1212654	23.791	2.477
40	.02296	.10854	45676	4958	215960	971155	21.262	2.494
45	.02686	.12595	40719	5128	190909	755195	18.547	2.527
50	.03410	.15730	35590	5598	164159	564287	15.855	2.536
55	.04500	.20241	29992	6071	134915	400127	13.341	2.522
60	.05939	.25847	23921	6183	104098	265212	11.087	2.492
65	.07834	.32665	17738	5794	73961	161115	9.083	2.458
70	.10610	.41609	11944	4970	46842	87154	7.297	2.409
75	.14595	.52468	6974	3659	25072	40312	5.780	2.322
80	.19433	.63095	3315	2092	10763	15240	4.597	2.221
85	.27329	******	1223	1223	4477	4477	3.659	3.659

AGE	M(X)	Q(X)	I(X)	D(X)	L(X)	T(X)	E(X)	A(X)
0	.15137	.13781	100000	13781	91042	3700000	37.000	0.350
1	.02787	.10384	86219	8953	321248	3608958	41.858	1.361
5	.00692	.03399	77266	2626	379762	3287710	42.551	2.500
10	.00520	.02564	74639	1914	368412	2907948	38.960	2.500
15	.01108	.05404	72725	3930	354617	2539536	34.920	2.708
20	.01572	.07569	68795	5207	331323	2184920	31.760	2.570
25	.01816	.08687	63588	5524	304174	1853597	29.150	2.508
30	.01958	.09332	58064	5419	276715	1549423	26.685	2.489
35	.02097	.09957	52645	5242	250025	1272708	24.175	2.481
40	.02209	.10468	47403	4962	224606	1022683	21.574	2.499
45	.02599	.12213	42441	5183	199405	798077	18.804	2.530
50	.03313	.15317	37258	5707	172251	598672	16.068	2.540
55	.04386	.19782	31551	6241	142312	426421	13.515	2.526
60	.05807	.25350	25310	6416	110483	284109	11.225	2.496
65	.07686	.32156	18894	6076	79049	173626	9.190	2.462
70	.10435	.41085	12818	5266	50468	94577	7.378	2.413
75	.14380	.51940	7552	3922	27277	44109	5.841	2.328
80	.19216	.62678	3629	2275	11839	16832	4.638	2.227
85	.27126	******	1355	1355	4994	4994	3.686	3.686

AGE	M(X)	Q(X)	I(X)	D(X)	L(X)	T(X)	E(X)	A(X)
0	.14663	.13387	100000	13387	91298	3800000	38.000	0.350
1	.02636	.09859	86613	8539	323916	3708702	42.819	1.361
5	.00653	.03213	78074	2508	384097	3384785	43.354	2.500
10	.00491	.02426	75565	1833	373242	3000689	39.710	2.500
15	.01046	.05109	73732	3767	360028	2627446	35.635	2.709
20	.01484	.07160	69965	5010	337666	2267418	32.408	2.573
25	.01720	.08248	64955	5358	311444	1929752	29.709	2.511
30	.01861	.08891	59598	5299	284705	1618308	27.154	2.493
35	.02004	.09538	54299	5179	258475	1333604	24.560	2.486
40	.02125	.10092	49120	4957	233222	1075129	21.888	2.503
45	.02515	.11839	44163	5228	207921	841906	19.064	2.534
50	.03218	.14911	38934	5806	180411	633985	16.283	2.543
55	.04274	.19327	33129	6403	149825	453574	13.691	2.529
60	.05677	.24857	26726	6643	117022	303749	11.365	2.500
65	.07539	.31649	20083	6356	84310	186727	9.298	2.466
70	.10262	.40561	13727	5568	54256	102416	7.461	2.418
75	.14166	.51408	8159	4194	29610	48160	5.903	2.333
80	.18998	.62257	3965	2468	12992	18550	4.679	2.233
85	.26924	******	1496	1496	5558	5558	3.714	3.714

AGE	M(X)	Q(X)	I(X)	D(X)	L(X)	T(X)	E(X)	A(X)
0	.14199	.13000	100000	13000	91550	3900000	39.000	0.350
1	.02493	.09355	87000	8139	326524	3808450	43.775	1.361
5	.00616	.03035	78862	2394	388324	3481926	44.152	2.500
10	.00464	.02294	76468	1754	377954	3093602	40.456	2.500
15	.00987	.04826	74714	3606	365308	2715648	36.347	2.709
20	.01400	.06769	71108	4814	343866	2350340	33.053	2.575
25	.01629	.07827	66294	5189	318574	2006474	30.266	2.515
30	.01768	.08465	61105	5172	292578	1687900	27.623	2.497
35	.01914	.09132	55933	5108	266845	1395322	24.946	2.490
40	.02044	.09726	50825	4943	241803	1128478	22.203	2.507
45	.02432	.11472	45882	5264	216448	886675	19.325	2.538
50	.03125	.14511	40618	5894	188632	670226	16.501	2.547
55	.04163	.18877	34724	6555	157449	481594	13.869	2.533
60	.05548	.24366	28169	6864	123714	324146	11.507	2.504
65	.07393	.31143	21305	6635	89744	200432	9.408	2.471
70	.10090	.40035	14670	5873	58211	110688	7.545	2.422
75	.13952	.50872	8797	4475	32076	52477	5.965	2.339
80	.18781	.61832	4322	2672	14229	20402	4.721	2.238
85	.26721	******	1650	1650	6173	6173	3.742	3.742

AGE	M(X)	Q(X)	I(X)	D(X)	L(X)	T(X)	E(X)	A(X)
0	.13746	.12619	100000	12619	91798	4000000	40.000	0.350
1	.02355	.08870	87381	7750	329072	3908202	44.726	1.361
5	.00582	.02866	79631	2282	392449	3579130	44.947	2.500
10	.00438	.02168	77349	1677	382550	3186682	41.199	2.500
15	.00931	.04557	75671	3448	370461	2804132	37.057	2.710
20	.01320	.06395	72223	4619	349927	2433670	33.697	2.578
25	.01541	.07423	67604	5018	325566	2083744	30.823	2.518
30	.01678	.08054	62586	5041	300332	1758177	28.092	2.501
35	.01828	.08739	57545	5029	275129	1457846	25.334	2.495
40	.01965	.09368	52517	4920	250340	1182717	22.521	2.512
45	.02351	.11113	47597	5289	224980	932377	19.589	2.541
50	.03033	.14116	42307	5972	196907	707397	16.720	2.550
55	.04055	.18432	36335	6697	165177	510490	14.049	2.537
60	.05421	.23879	29638	7077	130553	345313	11.651	2.508
65	.07249	.30636	22561	6912	95350	214759	9.519	2.475
70	.09918	.39507	15649	6182	62334	119410	7.631	2.427
75	.13739	.50332	9466	4765	34679	57075	6.029	2.344
80	.18563	.61401	4702	2887	15552	22396	4.763	2.244
85	.26518	******	1815	1815	6844	6844	3.771	3.771

AGE	M(X)	Q(X)	I(X)	D(X)	L(X)	T(X)	E(X)	A(X)
0	.13303	.12244	100000	12244	92042	4100000	41.000	0.350
1	.02224	.08403	87756	7374	331564	4007958	45.672	1.361
5	.00548	.02704	80382	2174	396474	3676395	45.737	2.500
10	.00414	.02048	78208	1602	387035	3279920	41.938	2.500
15	.00877	.04300	76606	3294	375491	2892885	37.763	2.711
20	.01244	.06037	73312	4426	355851	2517394	34.338	2.580
25	.01458	.07034	68886	4845	332421	2161543	31.378	2.521
30	.01593	.07659	64041	4905	307964	1829122	28.562	2.504
35	.01744	.08357	59136	4942	283323	1521158	25.723	2.499
40	.01889	.09019	54194	4888	258829	1237835	22.841	2.516
45	.02272	.10760	49306	5305	233508	979006	19.856	2.545
50	.02943	.13727	44001	6040	205229	745498	16.943	2.554
55	.03948	.17991	37961	6830	173004	540269	14.232	2.540
60	.05295	.23393	31131	7283	137538	367265	11.797	2.512
65	.07105	.30130	23849	7186	101129	229727	9.633	2.479
70	.09747	.38977	16663	6495	66630	128598	7.718	2.431
75	.13527	.49786	10168	5062	37426	61968	6.094	2.350
80	.18345	.60964	5106	3113	16968	24542	4.807	2.250
85	.26315	******	1993	1993	7574	7574	3.800	3.800

AGE	M(X)	Q(X)	I(X)	D(X)	L(X)	T(X)	E(X)	A(X)
0	.12868	.11875	100000	11875	92281	4200000	42.000	0.350
1	.02099	.07955	88125	7010	334001	4107719	46.612	1.361
5	.00517	.02550	81115	2069	400405	3773717	46.523	2.500
10	.00390	.01933	79047	1528	391413	3373313	42.675	2.500
15	.00826	.04054	77519	3142	380402	2981900	38.467	2.712
20	.01171	.05695	74376	4235	361641	2601497	34.978	2.582
25	.01377	.06660	70141	4671	339139	2239857	31.934	2.524
30	.01510	.07277	65469	4764	315474	1900718	29.032	2.508
35	.01664	.07987	60705	4848	291423	1585243	26.114	2.504
40	.01814	.08679	55857	4848	267262	1293820	23.163	2.520
45	.02195	.10414	51009	5312	242025	1026558	20.125	2.549
50	.02855	.13343	45697	6098	213591	784533	17.168	2.557
55	.03842	.17554	39600	6951	180925	570942	14.418	2.544
60	.05170	.22910	32649	7480	144664	390017	11.946	2.516
65	.06963	.29624	25169	7456	107080	245353	9.748	2.483
70	.09577	.38443	17713	6809	71102	138273	7.806	2.436
75	.13314	.49235	10903	5368	40321	67171	6.161	2.356
80	.18126	.60520	5535	3350	18481	26850	4.851	2.255
85	.26111	******	2185	2185	8369	8369	3.830	3.830

AGE	M(X)	Q(X)	I(X)	D(X)	L(X)	T(X)	E(X)	A(X)
0	.12442	.11511	100000	11511	92518	4300000	43.000	0.350
1	.01979	.07523	88489	6657	336387	4207482	47.548	1.361
5	.00486	.02403	81832	1966	404243	3871095	47.306	2.500
10	.00368	.01823	79866	1456	395687	3466852	43.409	2.500
15	.00777	.03818	78409	2994	385196	3071166	39.168	2.712
20	.01102	.05366	75415	4047	367299	2685969	35.616	2.584
25	.01301	.06301	71368	4497	345721	2318670	32.489	2.527
30	.01431	.06908	66871	4620	322860	1972949	29.504	2.511
35	.01586	.07627	62252	4748	299425	1650088	26.507	2.508
40	.01741	.08346	57503	4799	275634	1350664	23.488	2.524
45	.02119	.10073	52704	5309	250525	1075030	20.398	2.552
50	.02768	.12964	47395	6144	221986	824505	17.396	2.561
55	.03738	.17120	41251	7062	188932	602518	14.606	2.547
60	.05047	.22428	34189	7668	151928	413586	12.097	2.520
65	.06821	.29116	26521	7722	113204	261658	9.866	2.488
70	.09407	.37907	18799	7126	75752	148454	7.897	2.440
75	.13101	.48677	11673	5682	43371	72702	6.228	2.361
80	.17906	.60070	5991	3599	20098	29331	4.896	2.261
85	.25907	******	2392	2392	9234	9234	3.860	3.860

AGE	M(X)	Q(X)	I(X)	D(X)	L(X)	T(X)	E(X)	A(X)
0	.12025	.11153	100000	11153	92751	4400002	44.000	0.350
1	.01864	.07108	88847	6315	338722	4307252	48.479	1.361
5	.00458	.02262	82532	1867	407992	3968529	48.085	2.500
10	.00347	.01719	80665	1386	399860	3560537	44.140	2.500
15	.00731	.03594	79279	2849	389878	3160677	39.868	2.713
20	.01036	.05052	76430	3862	372829	2770799	36.253	2.586
25	.01227	.05955	72568	4322	352168	2397970	33.044	2.530
30	.01355	.06553	68247	4472	330120	2045802	29.977	2.515
35	.01510	.07279	63774	4642	307324	1715682	26.902	2.512
40	.01671	.08021	59132	4743	283938	1408359	23.817	2.528
45	.02045	.09738	54389	5297	259002	1124420	20.674	2.556
50	.02682	.12589	49093	6180	230407	865419	17.628	2.564
55	.03635	.16689	42912	7162	197021	635011	14.798	2.551
60	.04925	.21947	35751	7846	159327	437990	12.251	2.524
65	.06680	.28607	27904	7983	119500	278664	9.986	2.492
70	.09237	.37366	19922	7444	80585	159163	7.989	2.444
75	.12888	.48113	12478	6003	46581	78578	6.297	2.367
80	.17685	.59612	6474	3860	21823	31997	4.942	2.267
85	.25701	******	2615	2615	10174	10174	3.891	3.891

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AGE	M(X)	Q(X)	I(X)	D(X)	L(X)	T(X)	E(X)	A(X)
0	.11615	.10800	100000	10800	92980	4500000	45.000	0.350
1	.01755	.06709	89200	5984	341009	4407020	49.406	1.361
5	.00430	.02127	83216	1770	411655	4066011	48.861	2.500
10	.00326	.01618	81446	1318	403935	3654356	44.869	2.500
15	.00686	.03379	80128	2707	394449	3250421	40.565	2.713
20	.00973	.04752	77421	3679	378232	2855972	36.889	2.588
25	.01157	.05623	73742	4147	358480	2477741	33.600	2.533
30	.01281	.06210	69595	4322	337251	2119260	30.451	2.519
35	.01438	.06940	65273	4530	315116	1782009	27.301	2.517
40	.01602	.07704	60743	4679	292170	1466893	24.149	2.533
45	.01972	.09409	56064	5275	267446	1174724	20.953	2.560
50	.02598	.12219	50789	6206	238847	907278	17.864	2.567
55	.03533	.16261	44583	7250	205185	668431	14.993	2.554
60	.04803	.21467	37333	8014	166856	463246	12.408	2.528
65	.06539	.28097	29319	8238	125968	296390	10.109	2.496
70	.09068	.36821	21081	7762	85604	170422	8.084	2.449
75	.12675	.47541	13319	6332	49957	84818	6.368	2.372
80	.17463	.59146	6987	4133	23664	34861	4.989	2.273
85	.25494	******	2854	2854	11196	11196	3.922	3.922

AGE	M(X)	Q(X)	I(X)	D(X)	L(X)	T(X)	E(X)	A(X)
0	.11213	.10451	100000	10451	93207	4599999	46.000	0.350
1	.01650	.06325	89549	5664	343249	4506793	50.328	1.361
5	.00404	.01999	83885	1677	415234	4163544	49.634	2.500
10	.00307	.01522	82209	1251	407914	3748309	45.595	2.500
15	.00644	.03173	80957	2569	398912	3340395	41.261	2.714
20	.00912	.04464	78388	3499	383509	2941483	37.525	2.590
25	.01089	.05304	74889	3972	364658	2557974	34.157	2.536
30	.01211	.05879	70917	4169	344253	2193316	30.928	2.522
35	.01367	.06611	66748	4413	322798	1849063	27.702	2.521
40	.01534	.07393	62335	4608	300322	1526265	24.485	2.537
45	.01901	.09085	57726	5244	275853	1225944	21.237	2.563
50	.02515	.11853	52482	6220	247298	950091	18.103	2.571
55	.03433	.15836	46261	7326	213417	702793	15.192	2.558
60	.04683	.20988	38936	8172	174512	489375	12.569	2.532
65	.06399	.27584	30764	8486	132608	314863	10.235	2.500
70	.08898	.36271	22278	8080	90813	182255	8.181	2.453
75	.12461	.46961	14198	6667	53507	91443	6.441	2.378
80	.17239	.58671	7530	4418	25628	37936	5.038	2.279
85	.25286	******	3112	3112	12308	12308	3.955	3.955

AGE	M(X)	Q(X)	I(X)	D(X)	L(X)	T(X)	E(X)	A(X)
0	.10818	.10107	100000	10107	93430	4699991	47.000	0.350
1	.01550	.05956	89893	5354	345443	4606561	51.245	1.361
5	.00379	.01876	84539	1586	418732	4261118	50.404	2.500
10	.00288	.01430	82953	1187	411800	3842386	46.320	2.500
15	.00604	.02977	81767	2434	403270	3430586	41.956	2.714
20	.00855	.04189	79333	3323	388663	3027316	38.160	2.592
25	.01025	.04997	76010	3798	370702	2638653	34.715	2.539
30	.01143	.05559	72211	4015	351123	2267951	31.407	2.526
35	.01299	.06292	68197	4291	330364	1916828	28.107	2.525
40	.01469	.07089	63906	4530	308388	1586464	24.825	2.541
45	.01831	.08766	59375	5205	284214	1278076	21.525	2.567
50	.02434	.11490	54171	6224	255754	993862	18.347	2.574
55	.03333	.15413	47946	7390	221712	738108	15.394	2.562
60	.04563	.20509	40557	8318	182290	516396	12.733	2.536
65	.06259	.27069	32239	8727	139418	334106	10.363	2.505
70	.08728	.35716	23512	8397	96214	194687	8.280	2.458
75	.12246	.46373	15115	7009	57237	98473	6.515	2.384
80	.17014	.58187	8106	4716	27721	41237	5.087	2.285
85	.25076	******	3389	3389	13516	13516	3.988	3.988

AGE	M(X)	Q(X)	I(X)	D(X)	L(X)	T(X)	E(X)	A(X)
0	.10437	.09767	100000	9767	93583	4800000	48.000	0.343
1	.01454	.05601	90233	5054	347615	4706417	52.159	1.365
5	.00355	.01758	85179	1498	422152	4358801	51.172	2.500
10	.00270	.01343	83681	1124	415598	3936650	47.043	2.500
15	.00565	.02789	82558	2302	407527	3521052	42.649	2.714
20	.00800	.03925	80255	3150	393699	3113525	38.795	2.594
25	.00963	.04702	77105	3626	376615	2719826	35.274	2.542
30	.01078	.05251	73480	3858	357865	2343211	31.889	2.529
35	.01233	.05982	69621	4165	337817	1985346	28.516	2.529
40	.01405	.06791	65456	4445	316370	1647529	25.170	2.545
45	.01763	.08452	61011	5156	292529	1331159	21.818	2.571
50	.02353	.11131	55855	6217	264212	1038630	18.595	2.577
55	.03234	.14992	49638	7442	230069	774418	15.601	2.565
60	.04444	.20030	42196	8452	190192	544350	12.900	2.540
65	.06120	.26551	33744	8960	146404	354158	10.495	2.509
70	.08558	.35154	24785	8713	101815	207754	8.382	2.463
75	.12030	.45774	16072	7357	61156	105938	6.592	2.390
80	.16786	.57692	8715	5028	29953	44782	5.138	2.291
85	.24864	******	3687	3687	14829	14829	4.022	4.022

AGE	M(X)	Q(X)	I(X)	D(X)	L(X)	T(X)	E(X)	A(X)
0	.10065	.09431	100000	9431	93709	4900000	49.000	0.333
1	.01362	.05260	90569	4764	349749	4806291	53.068	1.371
5	.00332	.01646	85805	1412	425494	4456542	51.938	2.500
10	.00253	.01259	84393	1062	419308	4031048	47.765	2.500
15	.00528	.02609	83330	2174	411682	3611740	43.342	2.715
20	.00748	.03673	81156	2981	398615	3200058	39.431	2.596
25	.00903	.04419	78175	3454	382396	2801443	35.835	2.545
30	.01016	.04954	74721	3701	364472	2419047	32.374	2.533
35	.01169	.05681	71020	4034	345149	2054575	28.930	2.534
40	.01343	.06500	66985	4354	324256	1709426	25.519	2.549
45	.01695	.08142	62631	5099	300786	1385170	22.116	2.574
50	.02274	.10775	57532	6199	272662	1084384	18.848	2.581
55	.03137	.14573	51333	7480	238476	811723	15.813	2.569
60	.04325	.19550	43852	8573	198208	573247	13.072	2.544
65	.05980	.26030	35279	9183	153560	375039	10.631	2.513
70	.08387	.34587	26096	9026	107619	221478	8.487	2.467
75	.11812	.45166	17070	7710	65271	113860	6.670	2.396
80	.16556	.57187	9360	5353	32331	48588	5.191	2.297
85	.24650	******	4007	4007	16257	16257	4.057	4.057

AGE	M(X)	Q(X)	I(X)	D(X)	L(X)	T(X)	E(X)	A(X)
0	.09697	.09100	100000	9100	93839	5000000	50.000	0.323
1	.01274	.04932	90900	4483	351837	4906161	53.973	1.376
5	.00310	.01539	86417	1330	428761	4554323	52.702	2.500
10	.00237	.01178	85087	1003	422930	4125562	48.486	2.500
15	.00493	.02438	84085	2050	415739	3702632	44.035	2.715
20	.00698	.03432	82035	2815	403412	3286894	40.067	2.598
25	.00846	.04146	79220	3285	388043	2883482	36.399	2.548
30	.00955	.04667	75935	3544	370943	2495439	32.863	2.536
35	.01107	.05388	72391	3901	352353	2124497	29.347	2.538
40	.01282	.06215	68491	4257	332039	1772143	25.874	2.554
45	.01629	.07837	64234	5034	308977	1440104	22.420	2.578
50	.02195	.10422	59200	6170	281094	1131127	19.107	2.584
55	.03040	.14155	53030	7506	246925	850033	16.029	2.572
60	.04207	.19070	45523	8681	206334	603108	13.248	2.548
65	.05841	.25505	36842	9397	160886	396774	10.770	2.518
70	.08215	.34012	27445	9335	113626	235889	8.595	2.472
75	.11594	.44548	18111	8068	69589	122263	6.751	2.402
80	.16324	.56670	10043	5691	34864	52674	5.245	2.303
85	.24434	******	4352	4352	17809	17809	4.093	4.093

AGE	M(X)	Q(X)	I(X)	D(X)	L(X)	T(X)	E(X)	A(X)
0	.09334	.08772	100000	8772	93975	5100000	51.000	0.313
1	.01190	.04618	91228	4212	353881	5006025	54.874	1.381
5	.00289	.01437	87016	1250	431953	4652144	53.463	2.500
10	.00222	.01102	85766	945	426466	4220191	49.206	2.500
15	.00460	.02274	84821	1929	419696	3793724	44.726	2.715
20	.00650	.03201	82892	2654	408090	3374028	40.704	2.600
25	.00792	.03885	80238	3117	393556	2965938	36.964	2.551
30	.00897	.04390	77121	3386	377275	2572382	33.355	2.539
35	.01047	.05104	73735	3764	359428	2195107	29.770	2.543
40	.01223	.05936	69972	4154	339715	1835680	26.235	2.558
45	.01564	.07536	65818	4960	317095	1495965	22.729	2.582
50	.02118	.10073	60858	6130	289501	1178870	19.371	2.588
55	.02944	.13739	54728	7519	255410	889369	16.251	2.576
60	.04090	.18589	47208	8776	214564	633959	13.429	2.552
65	.05701	.24977	38433	9599	168378	419396	10.912	2.522
70	.08043	.33430	28833	9639	119841	251018	8.706	2.476
75	.11374	.43918	19194	8430	74117	131177	6.834	2.407
80	.16089	.56141	10765	6043	37562	57059	5.301	2.309
85	.24215	******	4721	4721	19497	19497	4.130	4.130

AGE	M(X)	Q(X)	I(X)	D(X)	L(X)	T(X)	E(X)	A(X)
0	.08976	.08448	100000	8448	94116	5200001	52.000	0.303
1	.01110	.04316	91552	3951	355882	5105885	55.770	1.387
5	.00270	.01339	87601	1173	435072	4750003	54.223	2.500
10	.00207	.01028	86428	889	429919	4314931	49.925	2.500
15	.00428	.02118	85539	1812	423557	3885012	45.418	2.715
20	.00605	.02981	83728	2496	412651	3461455	41.342	2.602
25	.00740	.03634	81231	2952	398935	3048804	37.532	2.553
30	.00842	.04124	78279	3228	383466	2649869	33.851	2.543
35	.00989	.04829	75052	3624	366368	2266403	30.198	2.547
40	.01165	.05664	71427	4045	347277	1900035	26.601	2.563
45	.01500	.07240	67382	4878	325133	1552758	23.044	2.586
50	.02041	.09727	62504	6080	297874	1227625	19.641	2.591
55	.02849	.13325	56424	7518	263923	929751	16.478	2.579
60	.03973	.18107	48906	8855	222892	665828	13.614	2.557
65	.05561	.24445	40050	9790	176037	442937	11.059	2.527
70	.07870	.32841	30260	9938	126268	266900	8.820	2.481
75	.11152	.43276	20323	8795	78865	140632	6.920	2.414
80	.15851	.55598	11528	6409	40434	61767	5.358	2.316
85	.23993	******	5119	5119	21333	21333	4.168	4.168

AGE	M(X)	Q(X)	I(X)	D(X)	L(X)	T(X)	E(X)	A(X)
0	.08622	.08128	100000	8128	94261	5300002	53.000	0.294
1	.01034	.04027	91872	3699	357841	5205741	56.663	1.392
5	.00251	.01246	88173	1098	438119	4847900	54.982	2.500
10	.00193	.00958	87075	834	433288	4409781	50.644	2.500
15	.00397	.01969	86240	1698	427322	3976493	46.109	2.715
20	.00562	.02771	84542	2343	417096	3549171	41.981	2.603
25	.00690	.03393	82199	2789	404180	3132075	38.103	2.556
30	.00788	.03867	79410	3071	389515	2727895	34.352	2.546
35	.00933	.04562	76339	3482	373170	2338379	30.631	2.552
40	.01108	.05396	72857	3932	354719	1965209	26.974	2.567
45	.01438	.06947	68925	4789	333083	1610491	23.366	2.589
50	.01965	.09383	64137	6018	306207	1277407	19.917	2.595
55	.02754	.12912	58119	7504	272456	971200	16.711	2.583
60	.03856	.17624	50614	8920	231313	698745	13.805	2.561
65	.05422	.23908	41694	9968	183859	467432	11.211	2.531
70	.07697	.32243	31726	10229	132910	283572	8.938	2.486
75	.10928	.42622	21496	9162	83841	150663	7.009	2.420
80	.15610	.55041	12334	6789	43491	66822	5.418	2.322
85	.23769	******	5545	5545	23330	23330	4.207	4.207

AGE	M(X)	Q(X)	I(X)	D(X)	L(X)	T(X)	E(X)	A(X)
0	.08273	.07811	100000	7811	94410	5400004	54.000	0.284
1	.00961	.03750	92189	3457	359758	5305594	57.551	1.397
5	.00233	.01157	88732	1026	441096	4945835	55.739	2.500
10	.00179	.00891	87706	782	436575	4504740	51.362	2.500
15	.00368	.01827	86924	1588	430992	4068164	46.801	2.715
20	.00521	.02571	85336	2194	421426	3637172	42.622	2.605
25	.00643	.03163	83142	2630	409291	3215747	38.678	2.559
30	.00737	.03620	80512	2914	395420	2806456	34.858	2.550
35	.00879	.04302	77598	3338	379830	2411036	31.071	2.556
40	.01053	.05135	74259	3813	362036	2031206	27.353	2.571
45	.01376	.06659	70446	4691	340939	1669170	23.694	2.593
50	.01891	.09043	65755	5946	314491	1328231	20.200	2.598
55	.02660	.12500	59809	7476	281001	1013740	16.950	2.587
60	.03740	.17140	52333	8970	239821	732739	14.002	2.565
65	.05281	.23366	43363	10132	191844	492918	11.367	2.536
70	.07522	.31637	33231	10513	139770	301075	9.060	2.490
75	.10702	.41954	22718	9531	89054	161304	7.100	2.426
80	.15365	.54470	13187	7183	46746	72250	5.479	2.329
85	.23541	******	6004	6004	25504	25504	4.248	4.248

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AGE	M(X)	Q(X)	I(X)	D(X)	L(X)	T(X)	E(X)	A(X)
0	.07929	.07498	100000	7498	94564	5500006	55.000	0.275
1	.00891	.03485	92502	3223	361635	5405442	58.436	1.402
5	.00216	.01072	89279	957	444002	5043807	56.495	2.500
10	.00166	.00827	88322	731	439782	4599806	52.080	2.500
15	.00341	.01692	87591	1482	434568	4160024	47.494	2.715
20	.00482	.02380	86109	2050	425640	3725456	43.264	2.607
25	.00597	.02942	84059	2473	414266	3299816	39.256	2.562
30	.00688	.03382	81586	2759	401179	2885550	35.368	2.553
35	.00827	.04051	78827	3193	386344	2484370	31.517	2.561
40	.01000	.04880	75633	3691	369221	2098027	27.739	2.576
45	.01315	.06375	71943	4587	348693	1728806	24.030	2.597
50	.01817	.08705	67356	5863	322717	1380113	20.490	2.601
55	.02567	.12089	61493	7434	289551	1057396	17.195	2.590
60	.03624	.16654	54059	9003	248409	767845	14.204	2.569
65	.05141	.22819	45056	10281	199988	519436	11.529	2.540
70	.07346	.31021	34774	10787	146852	319448	9.186	2.495
75	.10474	.41272	23987	9900	94514	172596	7.195	2.432
80	.15117	.53882	14087	7590	50211	78082	5.543	2.335
85	.23309	******	6497	6497	27872	27872	4.290	4.290

AGE	M(X)	Q(X)	I(X)	D(X)	L(X)	T(X)	E(X)	A(X)
0	.07589	.07188	100000	7188	94721	5600009	56.000	0.266
1	.00825	.03231	92812	2999	363471	5505288	59.317	1.407
5	.00199	.00992	89813	891	446838	5141816	57.250	2.500
10	.00154	.00767	88922	682	442908	4694978	52.799	2.500
15	.00315	.01563	88241	1379	438051	4252070	48.187	2.714
20	.00444	.02199	86861	1910	429739	3814019	43.909	2.608
25	.00554	.02731	84951	2320	419107	3384280	39.838	2.565
30	.00641	.03154	82631	2606	406790	2965173	35.884	2.557
35	.00776	.03807	80025	3047	392708	2558383	31.970	2.565
40	.00947	.04630	76978	3564	376269	2165676	28.134	2.581
45	.01256	.06096	73414	4475	356337	1789406	24.374	2.601
50	.01744	.08370	68939	5770	330877	1433070	20.787	2.605
55	.02475	.11679	63169	7378	298096	1102192	17.448	2.594
60	.03509	.16167	55791	9020	257070	804097	14.413	2.573
65	.05000	.22267	46772	10415	208288	547026	11.696	2.545
70	.07169	.30396	36357	11051	154159	338738	9.317	2.500
75	.10244	.40574	25306	10268	100230	184579	7.294	2.439
80	.14865	.53277	15038	8012	53898	84349	5.609	2.342
85	.23074	******	7026	7026	30451	30451	4.334	4.334

AGE	M(X)	Q(X)	I(X)	D(X)	L(X)	T(X)	E(X)	A(X)
0	.07253	.06882	100000	6882	94883	5700000	57.000	0.256
1	.00762	.02989	93118	2783	365268	5605117	60.194	1.412
5	.00184	.00915	90334	827	449606	5239849	58.005	2.500
10	.00142	.00709	89508	634	445954	4790243	53.518	2.500
15	.00290	.01441	88874	1280	441441	4344289	48.882	2.714
20	.00409	.02026	87593	1775	433723	3902848	44.557	2.610
25	.00512	.02529	85818	2171	423810	3469125	40.424	2.567
30	.00595	.02935	83647	2455	412249	3045315	36.407	2.561
35	.00727	.03572	81193	2900	398917	2633065	32.430	2.570
40	.00896	.04385	78293	3433	383173	2234149	28.536	2.585
45	.01197	.05820	74859	4357	363863	1850975	24.726	2.605
50	.01672	.08038	70503	5667	338962	1487113	21.093	2.609
55	.02383	.11270	64836	7307	306626	1148151	17.709	2.598
60	.03393	.15678	57529	9019	265796	841526	14.628	2.578
65	.04859	.21709	48509	10531	216739	575730	11.868	2.549
70	.06990	.29760	37979	11302	161693	358990	9.452	2.505
75	.10011	.39861	26676	10633	106213	197297	7.396	2.445
80	.14609	.52655	16043	8447	57822	91084	5.678	2.349
85	.22835	******	7596	7596	33263	33263	4.379	4.379

AGE	M(X)	Q(X)	I(X)	D(X)	L(X)	T(X)	E(X)	A(X)
0	.06922	.06580	100000	6580	95048	5800000	58.000	0.247
1	.00702	.02758	93420	2577	367026	5704952	61.068	1.417
5	.00169	.00842	90844	765	452305	5337926	58.759	2.500
10	.00131	.00653	90078	589	448921	4885621	54.237	2.500
15	.00267	.01325	89490	1186	444739	4436700	49.578	2.714
20	.00376	.01863	88304	1645	437593	3991961	45.207	2.612
25	.00473	.02337	86660	2025	428378	3554368	41.015	2.570
30	.00552	.02724	84635	2306	417557	3125990	36.935	2.564
35	.00680	.03344	82329	2753	404968	2708434	32.898	2.575
40	.00846	.04147	79576	3300	389928	2303466	28.947	2.590
45	.01140	.05548	76276	4232	371264	1913537	25.087	2.609
50	.01601	.07708	72045	5553	346962	1542274	21.407	2.612
55	.02292	.10863	66491	7223	315133	1195312	17.977	2.602
60	.03278	.15186	59268	9001	274579	880179	14.851	2.582
65	.04717	.21145	50268	10629	225340	605599	12.047	2.554
70	.06810	.29113	39639	11540	169458	380259	9.593	2.510
75	.09776	.39131	28099	10995	112472	210801	7.502	2.452
80	.14348	.52012	17103	8896	61999	98329	5.749	2.356
85	.22591	******	8207	8207	36330	36330	4.426	4.426

AGE	M(X)	Q(X)	I(X)	D(X)	L(X)	T(X)	E(X)	A(X)
0	.06596	.06281	100000	6281	95217	5900000	59.000	0.238
1	.00645	.02538	93719	2379	368744	5804783	61.938	1.422
5	.00155	.00773	91340	706	454937	5436039	59.514	2.500
10	.00121	.00601	90634	545	451809	4981102	54.958	2.500
15	.00244	.01215	90089	1094	447944	4529294	50.276	2.713
20	.00344	.01707	88995	1519	441348	4081349	45.860	2.613
25	.00435	.02153	87476	1884	432807	3640001	41.612	2.573
30	.00511	.02523	85592	2159	422709	3207194	37.471	2.568
35	.00634	.03123	83433	2606	410857	2784485	33.374	2.580
40	.00798	.03914	80827	3163	396528	2373627	29.367	2.595
45	.01083	.05280	77664	4101	378531	1977099	25.457	2.613
50	.01530	.07381	73563	5430	354869	1598568	21.731	2.616
55	.02201	.10456	68133	7124	323607	1243699	18.254	2.605
60	.03163	.14693	61009	8964	283411	920093	15.081	2.586
65	.04575	.20575	52045	10708	234085	636682	12.233	2.559
70	.06628	.28455	41337	11762	177454	402597	9.739	2.515
75	.09538	.38384	29574	11352	119019	225143	7.613	2.458
80	.14083	.51349	18223	9357	66444	106123	5.824	2.364
85	.22343	******	8866	8866	39679	39679	4.476	4.476

AGE	M(X)	Q(X)	I(X)	D(X)	L(X)	T(X)	E(X)	A(X)
0	.06275	.05985	100000	5985	95389	6000000	60.000	0.230
1	.00591	.02329	94015	2190	370424	5904611	62.805	1.427
5	.00142	.00708	91825	650	457500	5534187	60.269	2.500
10	.00111	.00551	91175	503	454618	5076688	55.681	2.500
15	.00223	.01111	90672	1007	451058	4622070	50.976	2.713
20	.00314	.01560	89665	1399	444989	4171012	46.518	2.615
25	.00400	.01978	88266	1746	437098	3726023	42.213	2.576
30	.00471	.02330	86520	2016	427704	3288925	38.014	2.572
35	.00590	.02910	84504	2459	416580	2861221	33.859	2.585
40	.00750	.03686	82045	3024	402965	2444641	29.796	2.600
45	.01028	.05017	79021	3964	385657	2041676	25.837	2.617
50	.01461	.07057	75056	5297	362672	1656019	22.064	2.620
55	.02111	.10050	69759	7010	332036	1293347	18.540	2.609
60	.03048	.14198	62749	8909	292281	961311	15.320	2.591
65	.04431	.19998	53840	10767	242967	669029	12.426	2.564
70	.06445	.27785	43073	11968	185685	426063	9.892	2.520
75	.09296	.37617	31105	11701	125865	240378	7.728	2.465
80	.13812	.50664	19404	9831	71176	114513	5.901	2.371
85	.22090	******	9573	9573	43337	43337	4.527	4.527

AGE	M(X)	Q(X)	I(X)	D(X)	L(X)	T(X)	E(X)	A(X)
0	.05958	.05694	100000	5694	95564	6100000	61.000	0.221
1	.00540	.02131	94306	2009	372064	6004436	63.669	1.431
5	.00130	.00646	92297	596	459995	5632372	61.024	2.500
10	.00101	.00504	91701	462	457348	5172377	56.405	2.500
15	.00203	.01012	91238	924	454079	4715030	51.678	2.713
20	.00286	.01421	90315	1284	448514	4260951	47.179	2.616
25	.00366	.01812	89031	1614	441249	3812436	42.821	2.579
30	.00434	.02146	87418	1876	432540	3371187	38.564	2.575
35	.00548	.02705	85542	2314	422132	2938647	34.353	2.590
40	.00705	.03464	83228	2883	409234	2516515	30.236	2.605
45	.00974	.04757	80345	3822	392632	2107281	26.228	2.622
50	.01392	.06736	76522	5155	370361	1714649	22.407	2.623
55	.02022	.09644	71368	6883	340410	1344288	18.836	2.613
60	.02933	.13701	64485	8835	301180	1003877	15.568	2.595
65	.04288	.19415	55650	10804	251980	702697	12.627	2.569
70	.06260	.27102	44846	12154	194149	450718	10.050	2.525
75	.09052	.36832	32691	12041	133019	256568	7.848	2.472
80	.13536	.49955	20651	10316	76211	123549	5.983	2.379
85	.21832	******	10335	10335	47338	47338	4.581	4.581

AGE	M(X)	Q(X)	I(X)	D(X)	L(X)	T(X)	E(X)	A(X)
0	.05646	.05406	100000	5406	95741	6200000	62.000	0.212
1	.00492	.01943	94594	1838	373666	6104259	64.531	1.436
5	.00118	.00588	92757	545	462421	5730593	61.781	2.500
10	.00092	.00460	92212	424	459998	5268172	57.131	2.500
15	.00185	.00919	91788	844	457008	4808173	52.384	2.712
20	.00260	.01290	90944	1173	451924	4351165	47.845	2.618
25	.00334	.01655	89770	1486	445259	3899242	43.436	2.582
30	.00398	.01970	88285	1739	437214	3453982	39.123	2.579
35	.00508	.02508	86546	2170	427509	3016768	34.858	2.595
40	.00660	.03248	84376	2741	415328	2589259	30.687	2.610
45	.00920	.04502	81635	3675	399449	2173931	26.630	2.626
50	.01324	.06418	77960	5003	377925	1774482	22.762	2.627
55	.01933	.09240	72956	6741	348717	1396557	19.142	2.617
60	.02819	.13201	66215	8741	310096	1047840	15.825	2.600
65	.04143	.18824	57474	10819	261117	737744	12.836	2.574
70	.06073	.26407	46655	12320	202849	476627	10.216	2.530
75	.08804	.36025	34335	12369	140492	273779	7.974	2.479
80	.13254	.49221	21965	10812	81571	133286	6.068	2.386
85	.21568	******	11154	11154	51716	51716	4.637	4.637

AGE	M(X)	Q(X)	I(X)	D(X)	L(X)	T(X)	E(X)	A(X)
0	.05339	.05122	100000	5122	95921	6300000	63.000	0.204
1	.00446	.01765	94878	1674	375228	6204079	65.390	1.441
5	.00107	.00533	93204	497	464779	5828850	62.539	2.500
10	.00084	.00418	92708	387	462570	5364071	57.860	2.500
15	.00167	.00832	92320	768	459843	4901502	53.092	2.711
20	.00235	.01167	91552	1069	455217	4441658	48.515	2.619
25	.00303	.01506	90484	1362	449128	3986442	44.057	2.585
30	.00364	.01802	89121	1606	441723	3537314	39.691	2.583
35	.00469	.02317	87515	2028	432707	3095591	35.372	2.600
40	.00616	.03038	85487	2597	421241	2662884	31.150	2.615
45	.00868	.04251	82890	3524	406098	2241643	27.044	2.630
50	.01257	.06103	79366	4844	385354	1835545	23.128	2.631
55	.01845	.08838	74522	6586	356944	1450191	19.460	2.621
60	.02704	.12700	67936	8628	319016	1093246	16.092	2.605
65	.03998	.18227	59308	10810	270368	774231	13.054	2.579
70	.05885	.25698	48499	12463	211781	503862	10.389	2.536
75	.08553	.35197	36035	12684	148296	292081	8.105	2.486
80	.12967	.48461	23352	11316	87274	143785	6.157	2.394
85	.21297	******	12035	12035	56511	56511	4.695	4.695

AGE	M(X)	Q(X)	I(X)	D(X)	L(X)	T(X)	E(X)	A(X)
0	.05038	.04842	100000	4842	96104	6400000	64.000	0.195
1	.00403	.01597	95158	1520	376751	6303896	66.246	1.445
5	.00096	.00481	93639	450	467067	5927145	63.298	2.500
10	.00076	.00378	93188	352	465061	5460078	58.592	2.500
15	.00151	.00750	92836	696	462586	4995018	53.805	2.711
20	.00211	.01051	92140	969	458393	4532432	49.191	2.621
25	.00275	.01365	91171	1244	452852	4074039	44.686	2.588
30	.00331	.01644	89926	1478	446066	3621186	40.268	2.587
35	.00431	.02135	88448	1888	437721	3175121	35.898	2.606
40	.00574	.02833	86560	2453	426966	2737400	31.624	2.621
45	.00817	.04005	84108	3369	412570	2310434	27.470	2.635
50	.01191	.05791	80739	4675	392637	1897864	23.506	2.635
55	.01758	.08436	76063	6417	365079	1505227	19.789	2.625
60	.02590	.12196	69647	8494	327927	1140148	16.370	2.610
65	.03852	.17622	61152	10776	279724	812221	13.282	2.584
70	.05694	.24975	50376	12581	220946	532497	10.570	2.541
75	.08298	.34347	37795	12981	156439	311551	8.243	2.494
80	.12673	.47671	24813	11829	93343	155112	6.251	2.403
85	.21021	******	12984	12984	61769	61769	4.757	4.757

AGE	M(X)	Q(X)	I(X)	D(X)	L(X)	T(X)	E(X)	A(X)
0	.04742	.04566	100000	4566	96288	6500000	65.000	0.187
1	.00363	.01439	95434	1373	378233	6403712	67.101	1.450
5	.00087	.00433	94061	407	469286	6025479	64.060	2.500
10	.00068	.00341	93654	319	467471	5556193	59.327	2.500
15	.00135	.00673	93335	628	465233	5088722	54.521	2.710
20	.00189	.00943	92706	874	461451	4623489	49.873	2.623
25	.00248	.01232	91832	1132	456432	4162038	45.322	2.591
30	.00301	.01493	90700	1354	450239	3705605	40.856	2.591
35	.00396	.01960	89346	1751	442547	3255366	36.435	2.611
40	.00534	.02635	87595	2308	432496	2812819	32.112	2.627
45	.00766	.03764	85287	3210	418857	2380322	27.910	2.640
50	.01126	.05482	82077	4500	399760	1961465	23.898	2.639
55	.01671	.08036	77577	6234	373107	1561705	20.131	2.629
60	.02476	.11691	71343	8341	336816	1188598	16.660	2.614
65	.03706	.17010	63002	10716	289174	851783	13.520	2.589
70	.05502	.24238	52286	12673	230338	562609	10.760	2.547
75	.08039	.33473	39613	13260	164932	332271	8.388	2.501
80	.12372	.46852	26353	12347	99800	167338	6.350	2.411
85	.20738	******	14006	14006	67538	67538	4.822	4.822

AGE	M(X)	Q(X)	I(X)	D(X)	L(X)	T(X)	E(X)	A(X)
0	.04452	.04295	100000	4295	96473	6600000	66.000	0.179
1	.00325	.01291	95705	1236	379675	6503527	67.954	1.454
5	.00078	.00387	94470	366	471433	6123852	64.824	2.500
10	.00061	.00306	94104	288	469799	5652418	60.066	2.500
15	.00121	.00602	93816	565	467786	5182619	55.242	2.709
20	.00169	.00842	93251	785	464391	4714833	50.560	2.624
25	.00223	.01108	92466	1024	459867	4250442	45.968	2.594
30	.00272	.01350	91442	1235	454241	3790575	41.453	2.595
35	.00362	.01793	90207	1617	447182	3336335	36.985	2.617
40	.00494	.02443	88590	2164	437826	2889153	32.613	2.632
45	.00717	.03527	86426	3048	424949	2451327	28.363	2.644
50	.01061	.05178	83378	4317	406714	2026378	24.304	2.643
55	.01585	.07638	79061	6039	381014	1619664	20.486	2.634
60	.02363	.11184	73022	8167	345666	1238651	16.963	2.619
65	.03559	.16390	64855	10630	298703	892985	13.769	2.594
70	.05307	.23486	54225	12735	239953	594282	10.960	2.552
75	.07777	.32575	41490	13515	173784	354328	8.540	2.509
80	.12064	.46001	27975	12868	106669	180545	6.454	2.420
85	.20448	******	15106	15106	73876	73876	4.890	4.890

AGE	M(X)	Q(X)	I(X)	D(X)	L(X)	T(X)	E(X)	A(X)
0	.04167	.04028	100000	4028	96660	6700005	67.000	0.171
1	.00290	.01153	95972	1106	381075	6603345	68.805	1.458
5	.00069	.00345	94865	327	473509	6222270	65.590	2.500
10	.00055	.00273	94538	258	472045	5748761	60.809	2.500
15	.00107	.00535	94280	504	470243	5276716	55.969	2.708
20	.00150	.00748	93775	702	467211	4806473	51.255	2.626
25	.00199	.00991	93074	922	463153	4339262	46.622	2.597
30	.00245	.01216	92152	1121	458068	3876108	42.062	2.600
35	.00329	.01633	91031	1487	451621	3418040	37.548	2.623
40	.00456	.02257	89544	2021	442948	2966419	33.128	2.638
45	.00669	.03295	87523	2884	430837	2523471	28.832	2.649
50	.00998	.04877	84639	4128	413485	2092634	24.724	2.647
55	.01500	.07243	80512	5831	388785	1679149	20.856	2.638
60	.02249	.10676	74680	7973	354461	1290365	17.278	2.624
65	.03411	.15763	66707	10515	308299	935904	14.030	2.600
70	.05111	.22718	56192	12766	249785	627605	11.169	2.558
75	.07511	.31651	43426	13745	183001	377819	8.700	2.517
80	.11749	.45115	29681	13391	113974	194818	6.564	2.429
85	.20150	******	16291	16291	80845	80845	4.963	4.963

AGE	M(X)	Q(X)	I(X)	D(X)	L(X)	T(X)	E(X)	A(X)
0	.03889	.03767	100000	3767	96847	6800002	68.000	0.163
1	.00258	.01024	96233	985	382433	6703155	69.655	1.463
5	.00061	.00306	95248	291	475512	6320722	66.361	2.500
10	.00049	.00243	94957	231	474207	5845210	61.557	2.500
15	.00095	.00473	94726	448	472603	5371003	56.700	2.707
20	.00133	.00661	94278	623	469910	4898401	51.957	2.627
25	.00177	.00882	93655	826	466291	4428490	47.285	2.601
30	.00219	.01090	92829	1012	461720	3962199	42.683	2.604
35	.00298	.01482	91817	1360	455860	3500480	38.125	2.629
40	.00420	.02077	90457	1879	447857	3044620	33.658	2.645
45	.00623	.03069	88578	2718	436511	2596763	29.316	2.654
50	.00936	.04580	85859	3933	420060	2160252	25.160	2.652
55	.01416	.06849	81927	5611	396403	1740192	21.241	2.642
60	.02136	.10167	76315	7759	363182	1343789	17.608	2.629
65	.03262	.15130	68556	10372	317943	980607	14.304	2.605
70	.04912	.21936	58184	12763	259824	662664	11.389	2.564
75	.07241	.30702	45420	13945	192588	402840	8.869	2.525
80	.11426	.44193	31475	13910	121738	210252	6.680	2.438
85	.19845	******	17566	17566	88514	88514	5.039	5.039

AGE	M(X)	Q(X)	I(X)	D(X)	L(X)	T(X)	E(X)	A(X)
0	.03618	.03511	100000	3511	97035	6900001	69.000	0.155
1	.00227	.00904	96489	872	383747	6802966	70.505	1.467
5	.00054	.00269	95617	258	477440	6419219	67.135	2.500
10	.00043	.00215	95359	205	476284	5941779	62.309	2.500
15	.00083	.00416	95154	396	474864	5465494	57.438	2.706
20	.00116	.00581	94758	550	472487	4990630	52.667	2.629
25	.00157	.00781	94208	735	469279	4518143	47.959	2.604
30	.00195	.00971	93473	908	465192	4048864	43.316	2.609
35	.00269	.01338	92565	1238	459895	3583672	38.715	2.636
40	.00384	.01904	91326	1739	452546	3123776	34.205	2.651
45	.00577	.02848	89587	2552	441963	2671230	29.817	2.659
50	.00875	.04288	87035	3732	426427	2229267	25.613	2.656
55	.01332	.06459	83303	5381	403853	1802840	21.642	2.647
60	.02024	.09658	77922	7526	371810	1398987	17.954	2.635
65	.03113	.14489	70397	10200	327618	1027176	14.591	2.611
70	.04712	.21139	60197	12725	270058	699559	11.621	2.570
75	.06967	.29726	47472	14111	202552	429501	9.047	2.533
80	.11095	.43232	33361	14423	129987	226949	6.803	2.447
85	.19531	******	18938	18938	96962	96962	5.120	5.120

AGE	M(X)	Q(X)	I(X)	D(X)	L(X)	T(X)	E(X)	A(X)
0	.03353	.03260	100000	3260	97222	7000000	70.000	0.148
1	.00199	.00794	96740	768	385017	6902779	71.354	1.471
5	.00047	.00236	95972	227	479293	6517762	67.913	2.500
10	.00038	.00189	95745	181	478275	6038468	63.068	2.500
15	.00073	.00364	95565	348	477026	5560193	58.183	2.705
20	.00102	.00507	95217	483	474942	5083168	53.385	2.631
25	.00138	.00687	94734	651	472116	4608226	48.644	2.608
30	.00173	.00861	94084	810	468485	4136110	43.962	2.613
35	.00242	.01202	93274	1121	463725	3667625	39.321	2.642
40	.00351	.01738	92153	1602	457010	3203900	34.767	2.658
45	.00533	.02634	90551	2385	447184	2746890	30.335	2.665
50	.00816	.04002	88166	3528	432574	2299706	26.084	2.660
55	.01250	.06072	84638	5140	411117	1867132	22.060	2.651
60	.01912	.09148	79498	7273	380326	1456015	18.315	2.640
65	.02964	.13842	72225	9997	337301	1075689	14.894	2.617
70	.04510	.20326	62228	12648	280474	738388	11.866	2.576
75	.06689	.28722	49579	14240	212891	457914	9.236	2.542
80	.10757	.42231	35339	14924	138745	245022	6.933	2.457
85	.19209	******	20415	20415	106278	106278	5.206	5.206

AGE	M(X)	Q(X)	I(X)	D(X)	L(X)	T(X)	E(X)	A(X)
0	.03096	.03016	100000	3016	97408	7100000	71.000	0.140
1	.00174	.00692	96984	671	386241	7002592	72.204	1.475
5	.00041	.00205	96313	198	481069	6616352	68.697	2.500
10	.00033	.00165	96115	158	480179	6135283	63.833	2.500
15	.00063	.00316	95957	303	479087	5655104	58.934	2.703
20	.00088	.00440	95654	420	477273	5176017	54.112	2.632
25	.00120	.00600	95233	572	474800	4698745	49.339	2.612
30	.00152	.00759	94661	718	471597	4223944	44.622	2.618
35	.00216	.01074	93943	1009	467344	3752348	39.943	2.649
40	.00318	.01579	92934	1468	461244	3285004	35.348	2.664
45	.00491	.02425	91467	2218	452165	2823760	30.872	2.670
50	.00757	.03721	89248	3320	438488	2371595	26.573	2.665
55	.01169	.05690	85928	4889	418179	1933108	22.497	2.656
60	.01801	.08640	81038	7002	388706	1514929	18.694	2.645
65	.02814	.13189	74037	9765	346971	1126223	15.212	2.623
70	.04306	.19498	64272	12532	291054	779251	12.124	2.582
75	.06407	.27690	51740	14327	223606	488197	9.436	2.550
80	.10409	.41187	37413	15409	148035	264592	7.072	2.467
85	.18878	******	22004	22004	116557	116557	5.297	5.297

AGE	M(X)	Q(X)	I(X)	D(X)	L(X)	T(X)	E(X)	A(X)
0	.02847	.02779	100000	2779	97592	7200000	72.000	0.133
1	.00150	.00599	97221	582	387417	7102408	73.054	1.479
5	.00036	.00177	96639	171	482766	6714991	69.485	2.500
10	.00029	.00143	96467	138	481993	6232225	64.604	2.500
15	.00054	.00272	96330	262	481046	5750232	59.693	2.702
20	.00076	.00378	96068	363	479479	5269186	54.849	2.634
25	.00104	.00521	95704	499	477332	4789707	50.047	2.615
30	.00133	.00664	95205	632	474525	4312375	45.295	2.624
35	.00192	.00954	94573	902	470752	3837850	40.581	2.656
40	.00287	.01428	93671	1337	465242	3367098	35.946	2.672
45	.00449	.02224	92334	2053	456898	2901856	31.428	2.676
50	.00700	.03445	90281	3111	444155	2444958	27.082	2.670
55	.01090	.05312	87170	4631	425019	2000802	22.953	2.661
60	.01691	.08133	82539	6713	396928	1575783	19.091	2.651
65	.02665	.12531	75826	9502	356602	1178855	15.547	2.629
70	.04100	.18655	66324	12373	301776	822253	12.397	2.588
75	.06122	.26631	53951	14368	234689	520477	9.647	2.559
80	.10053	.40098	39584	15872	157879	285787	7.220	2.477
85	.18538	******	23711	23711	127908	127908	5.394	5.394

AGE	M(X)	Q(X)	I(X)	D(X)	L(X)	T(X)	E(X)	A(X)
0	.02606	.02548	100000	2548	97774	7299997	73.000	0.126
1	.00129	.00515	97452	502	388545	7202223	73.905	1.483
5	.00030	.00152	96950	147	484383	6813678	70.280	2.500
10	.00025	.00123	96803	119	483717	6329294	65.383	2.500
15	.00047	.00233	96684	225	482903	5845577	60.461	2.701
20	.00065	.00323	96459	312	481559	5362675	55.595	2.636
25	.00090	.00449	96148	432	479710	4881116	50.767	2.619
30	.00116	.00577	95716	552	477270	4401406	45.984	2.629
35	.00169	.00842	95164	801	473946	3924136	41.236	2.664
40	.00258	.01284	94363	1211	469002	3450189	36.563	2.679
45	.00410	.02029	93151	1890	461376	2981187	32.004	2.682
50	.00645	.03177	91261	2899	449565	2519811	27.611	2.675
55	.01011	.04940	88362	4365	431620	2070246	23.429	2.666
60	.01582	.07629	83997	6408	404967	1638626	19.508	2.657
65	.02515	.11869	77588	9209	366164	1233658	15.900	2.635
70	.03893	.17799	68171	12171	312616	867494	12.686	2.594
75	.05833	.25544	56209	14358	246131	554878	9.872	2.568
80	.09689	.38961	41851	16306	168296	308747	7.377	2.488
85	.18188	******	25545	25545	140451	140451	5.498	5.498

AGE	M(X)	Q(X)	I(X)	D(X)	L(X)	T(X)	E(X)	A(X)
0	.02374	.02325	100000	2325	97953	7400000	74.000	0.120
1	.00110	.00438	97675	428	389623	7302047	74.759	1.486
5	.00026	.00129	97247	126	485919	6912424	71.081	2.500
10	.00021	.00105	97121	102	485350	6426505	66.170	2.500
15	.00039	.00197	97019	191	484655	5941156	61.237	2.699
20	.00055	.00273	96828	265	483514	5456501	56.353	2.638
25	.00077	.00384	96563	370	481935	4972987	51.500	2.623
30	.00100	.00498	96193	479	479831	4491052	46.688	2.634
35	.00148	.00738	95714	706	476926	4011221	41.908	2.672
40	.00231	.01147	95008	1090	472520	3534294	37.200	2.687
45	.00372	.01842	93918	1730	465593	3061774	32.600	2.688
50	.00591	.02916	92188	2688	454706	2596182	28.162	2.680
55	.00935	.04575	89500	4095	437965	2141476	23.927	2.671
60	.01475	.07128	85406	6088	412799	1703511	19.946	2.663
65	.02366	.11204	79318	8887	375630	1290712	16.273	2.642
70	.03685	.16929	70431	11923	323546	915082	12.993	2.601
75	.05542	.24430	58508	14293	257916	591536	10.110	2.578
80	.09315	.37776	44214	16702	179302	333620	7.545	2.499
85	.17828	******	27512	27512	154318	154318	5.609	5.609

AGE	M(X)	Q(X)	I(X)	D(X)	L(X)	T(X)	E(X)	A(X)
0	.02151	.02110	100000	2110	98129	7500000	75.000	0.113
1	.00093	.00370	97890	362	390649	7401871	75.615	1.490
5	.00022	.00109	97527	106	487371	7011222	71.890	2.500
10	.00018	.00089	97421	86	486889	6523851	66.966	2.500
15	.00033	.00165	97335	161	486302	6036962	62.023	2.697
20	.00046	.00229	97174	223	485342	5550660	57.121	2.640
25	.00065	.00325	96951	315	484007	5065318	52.246	2.628
30	.00085	.00425	96636	411	482210	4581311	47.408	2.640
35	.00129	.00642	96225	617	479692	4099101	42.599	2.680
40	.00205	.01018	95608	974	475793	3619409	37.857	2.695
45	.00335	.01663	94634	1573	469542	3143616	33.219	2.695
50	.00539	.02663	93060	2478	459566	2674074	28.735	2.685
55	.00860	.04217	90582	3820	444036	2214508	24.447	2.676
60	.01369	.06633	86763	5755	420397	1770472	20.406	2.669
65	.02217	.10537	81008	8536	384963	1350075	16.666	2.648
70	.03477	.16048	72472	11630	334530	965111	13.317	2.607
75	.05248	.23289	60842	14169	270022	630581	10.364	2.587
80	.08933	.36540	46672	17054	190906	360559	7.725	2.510
85	.17458	******	29618	29618	169653	169653	5.728	5.728

AGE	M(X)	Q(X)	I(X)	D(X)	L(X)	T(X)	E(X)	A(X)
0	.23096	.20001	100000	20001	86599	3500000	35.000	0.330
1	.03905	.14156	79999	11325	290008	3413401	42.668	1.352
5	.00912	.04457	68674	3061	335719	3123393	45.481	2.500
10	.00536	.02643	65613	1734	323731	2787674	42.486	2.500
15	.00752	.03695	63879	2361	313791	2463943	38.572	2.626
20	.01058	.05159	61518	3174	299882	2150152	34.951	2.571
25	.01173	.05702	58345	3327	283519	1850270	31.713	2.534
30	.01398	.06760	55018	3719	265949	1566751	28.477	2.542
35	.01651	.07932	51299	4069	246483	1300802	25.357	2.540
40	.01996	.09513	47230	4493	225101	1054320	22.323	2.541
45	.02456	.11582	42737	4950	201507	829218	19.403	2.540
50	.03092	.14367	37787	5429	175553	627711	16.612	2.535
55	.03962	.18046	32358	5839	147381	452158	13.974	2.532
60	.05365	.23679	26519	6279	117038	304778	11.493	2.523
65	.07553	.31732	20239	6422	85032	187740	9.276	2.483
70	.10523	.41352	13817	5714	54297	102708	7.433	2.412
75	.14169	.51359	8103	4162	29373	48411	5.974	2.322
80	.18494	.61162	3942	2411	13035	19038	4.830	2.232
85	.25501	******	1531	1531	6003	6003	3.921	3.921

AGE	M(X)	Q(X)	I(X)	D(X)	L(X)	T(X)	E(X)	A(X)
0	.22282	.19388	100000	19388	87010	3600000	36.000	0.330
1	.03692	.13453	80612	10845	293732	3512990	43.579	1.352
5	.00864	.04230	69767	2951	341459	3219258	46.143	2.500
10	.00510	.02517	66816	1682	329798	2877798	43.070	2.500
15	.00718	.03530	65134	2300	320216	2547922	39.118	2.628
20	.01011	.04934	62835	3100	306646	2227706	35.453	2.572
25	.01122	.05461	59735	3262	290632	1921059	32.160	2.535
30	.01338	.06476	56473	3657	273381	1630427	28.871	2.544
35	.01585	.07626	52815	4028	254179	1357047	25.694	2.543
40	.01924	.09185	48787	4481	232934	1102868	22.606	2.545
45	.02379	.11238	44306	4979	209301	869933	19.635	2.544
50	.03010	.14012	39327	5510	183074	660632	16.798	2.539
55	.03874	.17682	33817	5980	154349	477558	14.122	2.536
60	.05265	.23290	27837	6483	123146	323210	11.611	2.526
65	.07429	.31300	21354	6684	89970	200064	9.369	2.486
70	.10372	.40898	14670	6000	57847	110094	7.505	2.416
75	.13998	.50931	8670	4416	31548	52247	6.026	2.327
80	.18321	.60817	4254	2587	14123	20699	4.865	2.237
85	.25348	******	1667	1667	6577	6577	3.945	3.945

AGE	M(X)	Q(X)	I(X)	D(X)	L(X)	T(X)	E(X)	A(X)
0	.21490	.18785	100000	18785	87414	3700000	37.000	0.330
1	.03489	.12776	81215	10376	297385	3612586	44.482	1.352
5	.00819	.04012	70839	2842	347090	3315201	46.799	2.500
10	.00485	.02397	67997	1630	335910	2968111	43.651	2.500
15	.00685	.03372	66367	2238	326530	2632201	39.661	2.629
20	.00965	.04717	64129	3025	313307	2305671	35.953	2.573
25	.01073	.05228	61105	3194	297653	1992364	32.606	2.536
30	.01279	.06202	57910	3592	280737	1694711	29.264	2.546
35	.01521	.07329	54318	3981	261821	1413974	26.031	2.546
40	.01854	.08865	50337	4463	240745	1152153	22.889	2.548
45	.02303	.10901	45875	5001	217109	911408	19.867	2.547
50	.02929	.13662	40874	5584	190648	694299	16.986	2.543
55	.03787	.17322	35290	6113	161407	503651	14.272	2.539
60	.05165	.22903	29177	6683	129374	342244	11.730	2.529
65	.07306	.30868	22494	6943	95044	212870	9.463	2.490
70	.10221	.40442	15551	6289	61529	117826	7.577	2.420
75	.13827	.50501	9262	4677	33828	56297	6.078	2.332
80	.18147	.60467	4585	2772	15276	22469	4.901	2.242
85	.25195	******	1812	1812	7193	7193	3.969	3.969

AGE	M(X)	Q(X)	I(X)	D(X)	L(X)	T(X)	E(X)	A(X)
0	.20718	.18192	100000	18192	87811	3800009	38.000	0.330
1	.03295	.12123	81808	9918	300969	3712198	45.377	1.352
5	.00776	.03804	71890	2735	352614	3411229	47.451	2.500
10	.00461	.02281	69155	1577	341834	3058615	44.228	2.500
15	.00654	.03219	67578	2175	332737	2716781	40.202	2.631
20	.00922	.04507	65403	2948	319865	2384045	36.452	2.575
25	.01026	.05003	62455	3124	304582	2064180	33.051	2.538
30	.01223	.05937	59331	3522	288016	1759598	29.657	2.548
35	.01458	.07040	55808	3929	269409	1471582	26.369	2.548
40	.01786	.08554	51879	4437	248529	1202174	23.173	2.551
45	.02229	.10570	47442	5015	224927	953645	20.101	2.551
50	.02850	.13317	42427	5650	198271	728718	17.176	2.546
55	.03702	.16965	36777	6239	168554	530446	14.423	2.543
60	.05067	.22518	30538	6877	135721	361893	11.851	2.533
65	.07183	.30435	23661	7201	100256	226171	9.559	2.493
70	.10072	.39985	16460	6581	65345	125916	7.650	2.424
75	.13656	.50067	9878	4946	36217	60570	6.132	2.336
80	.17974	.60114	4933	2965	16497	24353	4.937	2.246
85	.25042	******	1967	1967	7856	7856	3.993	3.993

AGE	M(X)	Q(X)	I(X)	D(X)	L(X)	T(X)	E(X)	A(X)
0	.19965	.17610	100000	17610	88202	3900002	39.000	0.330
1	.03110	.11494	82390	9470	304485	3811801	46.265	1.352
5	.00734	.03604	72920	2628	358031	3507316	48.098	2.500
10	.00439	.02170	70292	1525	347648	3149284	44.803	2.500
15	.00623	.03071	68767	2112	338834	2801636	40.741	2.632
20	.00879	.04305	66655	2870	326320	2462802	36.948	2.576
25	.00980	.04785	63786	3052	311416	2136482	33.495	2.539
30	.01169	.05680	60734	3450	295215	1825066	30.050	2.550
35	.01398	.06760	57284	3872	276936	1529851	26.707	2.551
40	.01719	.08249	53411	4406	256282	1252915	23.458	2.555
45	.02157	.10245	49005	5021	232749	996633	20.337	2.555
50	.02772	.12977	43985	5708	205938	763885	17.367	2.550
55	.03617	.16611	38277	6358	175783	557946	14.577	2.546
60	.04969	.22134	31919	7065	142184	382163	11.973	2.536
65	.07061	.30003	24854	7457	105603	239980	9.656	2.497
70	.09922	.39525	17397	6876	69299	134376	7.724	2.428
75	.13486	.49630	10521	5221	38718	65077	6.186	2.341
80	.17800	.59758	5299	3167	17791	26359	4.974	2.251
85	.24888	******	2133	2133	8568	8568	4.018	4.018

AGE	M(X)	Q(X)	I(X)	D(X)	L(X)	T(X)	E(X)	A(X)
0	.19231	.17036	100000	17036	88586	4000000	40.000	0.330
1	.02933	.10888	82964	9033	307936	3911414	47.146	1.352
5	.00694	.03413	73931	2523	363346	3603478	48.741	2.500
10	.00417	.02063	71408	1473	353356	3240132	45.375	2.500
15	.00594	.02929	69935	2048	344826	2886776	41.278	2.633
20	.00839	.04110	67887	2790	332673	2541950	37.444	2.577
25	.00936	.04574	65096	2978	318158	2209277	33.939	2.540
30	.01116	.05432	62119	3374	302333	1891119	30.444	2.552
35	.01340	.06487	58745	3811	284403	1588786	27.046	2.554
40	.01655	.07952	54934	4368	264001	1304383	23.745	2.558
45	.02086	.09927	50566	5019	240571	1040382	20.575	2.558
50	.02695	.12641	45546	5757	213646	799811	17.560	2.554
55	.03533	.16260	39789	6469	183092	586165	14.732	2.550
60	.04872	.21752	33319	7248	148762	403073	12.097	2.539
65	.06940	.29570	26072	7710	111089	254311	9.754	2.500
70	.09773	.39063	18362	7173	73393	143222	7.800	2.432
75	.13315	.49189	11189	5504	41337	69830	6.241	2.345
80	.17625	.59396	5685	3377	19160	28493	5.012	2.256
85	.24734	******	2309	2309	9333	9333	4.043	4.043

AGE	M(X)	Q(X)	I(X)	D(X)	L(X)	T(X)	E(X)	A(X)
0	.18515	.16471	100000	16471	88964	4100000	41.000	0.330
1	.02765	.10304	83529	8607	311323	4011036	48.020	1.352
5	.00656	.03229	74922	2419	368560	3699713	49.381	2.500
10	.00396	.01960	72502	1421	358959	3331153	45.946	2.500
15	.00566	.02791	71081	1984	350713	2972194	41.814	2.635
20	.00799	.03921	69097	2709	338925	2621481	37.939	2.578
25	.00893	.04370	66388	2901	324806	2282557	34.382	2.541
30	.01065	.05191	63487	3296	309370	1957751	30.837	2.553
35	.01283	.06222	60191	3745	291806	1648381	27.386	2.557
40	.01592	.07661	56446	4324	271682	1356575	24.033	2.561
45	.02017	.09613	52121	5011	248390	1084892	20.815	2.562
50	.02619	.12308	47111	5799	221390	836502	17.756	2.557
55	.03451	.15910	41312	6573	190479	615112	14.889	2.553
60	.04776	.21370	34739	7424	155452	424633	12.223	2.542
65	.06819	.29136	27316	7959	116713	269181	9.854	2.504
70	.09624	.38598	19357	7471	77629	152469	7.877	2.436
75	.13144	.48743	11885	5793	44076	74839	6.297	2.350
80	.17450	.59030	6092	3596	20609	30764	5.050	2.260
85	.24580	******	2496	2496	10155	10155	4.068	4.068

AGE	M(X)	Q(X)	I(X)	D(X)	L(X)	T(X)	E(X)	A(X)
0	.17815	.15916	100000	15916	89337	4199997	42.000	0.330
1	.02603	.09742	84084	8191	314648	4110660	48.887	1.352
5	.00620	.03053	75893	2317	373673	3796013	50.018	2.500
10	.00376	.01861	73576	1369	364457	3422339	46.514	2.500
15	.00539	.02659	72207	1920	356496	3057882	42.349	2.636
20	.00761	.03738	70287	2628	345075	2701386	38.434	2.580
25	.00852	.04172	67659	2823	331359	2356311	34.826	2.542
30	.01016	.04957	64836	3214	316324	2024952	31.232	2.555
35	.01229	.05964	61622	3675	299142	1708628	27.727	2.560
40	.01530	.07377	57947	4275	279322	1409486	24.324	2.564
45	.01949	.09305	53672	4994	256201	1130164	21.057	2.565
50	.02545	.11980	48678	5832	229165	873963	17.954	2.561
55	.03369	.15563	42846	6668	197939	644798	15.049	2.557
60	.04680	.20988	36178	7593	162254	446860	12.352	2.546
65	.06699	.28701	28585	8204	122475	284606	9.957	2.507
70	.09476	.38130	20381	7771	82012	162131	7.955	2.440
75	.12973	.48292	12610	6089	46941	80119	6.354	2.355
80	.17273	.58658	6520	3825	22142	33179	5.089	2.265
85	.24424	******	2696	2696	11037	11037	4.094	4.094

AGE	M(X)	Q(X)	I(X)	D(X)	L(X)	T(X)	E(X)	A(X)
0	.17132	.15368	100000	15368	89703	4300000	43.000	0.330
1	.02449	.09200	84632	7786	317911	4210297	49.748	1.352
5	.00585	.02884	76846	2217	378689	3892385	50.652	2.500
10	.00356	.01766	74630	1318	369853	3513696	47.082	2.500
15	.00512	.02531	73312	1855	362175	3143843	42.883	2.637
20	.00725	.03562	71456	2545	351126	2781668	38.928	2.581
25	.00812	.03981	68911	2743	337818	2430542	35.271	2.543
30	.00969	.04731	66168	3131	323192	2092724	31.627	2.557
35	.01175	.05713	63038	3601	306410	1769531	28.071	2.563
40	.01471	.07099	59436	4219	286917	1463121	24.617	2.568
45	.01883	.09002	55217	4971	263999	1176204	21.302	2.569
50	.02471	.11655	50246	5856	236968	912205	18.155	2.565
55	.03288	.15218	44390	6755	205468	675237	15.212	2.560
60	.04584	.20607	37635	7755	169165	469769	12.482	2.549
65	.06578	.28264	29879	8445	128376	300603	10.061	2.511
70	.09327	.37657	21434	8072	86544	172227	8.035	2.444
75	.12800	.47835	13363	6392	49936	85683	6.412	2.360
80	.17096	.58280	6971	4063	23763	35747	5.128	2.270
85	.24267	******	2908	2908	11984	11984	4.121	4.121

AGE	M(X)	Q(X)	I(X)	D(X)	L(X)	T(X)	E(X)	A(X)
0	.16464	.14828	100000	14828	90065	4400000	44.000	0.330
1	.02302	.08678	85172	7391	321115	4309935	50.603	1.352
5	.00552	.02723	77780	2118	383608	3988821	51.283	2.500
10	.00338	.01674	75663	1267	375147	3605213	47.648	2.500
15	.00487	.02407	74396	1791	367752	3230065	43.417	2.639
20	.00689	.03391	72606	2462	357075	2862313	39.423	2.582
25	.00773	.03795	70144	2662	344182	2505238	35.716	2.545
30	.00923	.04512	67482	3045	329975	2161056	32.024	2.559
35	.01124	.05469	64437	3524	313605	1831082	28.417	2.565
40	.01412	.06827	60913	4159	294464	1517476	24.912	2.571
45	.01818	.08704	56755	4940	271781	1223013	21.549	2.572
50	.02399	.11333	51814	5872	244793	951232	18.358	2.568
55	.03207	.14874	45942	6834	213064	706439	15.377	2.564
60	.04489	.20225	39109	7910	176183	493375	12.615	2.552
65	.06458	.27825	31199	8681	134418	317191	10.167	2.514
70	.09377	.37180	22518	8372	91228	182774	8.117	2.448
75	.12628	.47372	14146	6701	53067	91546	6.472	2.364
80	.16917	.57896	7445	4310	25478	38479	5.169	2.275
85	.24110	******	3135	3135	13001	13001	4.148	4.148

AGE	M(X)	Q(X)	I(X)	D(X)	L(X)	T(X)	E(X)	A(X)
0	.15811	.14297	100000	14297	90421	4500000	45.000	0.330
1	.02161	.08176	85703	7007	324259	4409579	51.452	1.352
5	.00520	.02567	78696	2020	388431	4085320	51.912	2.500
10	.00320	.01586	76676	1216	380341	3696889	48.214	2.500
15	.00462	.02287	75460	1726	373228	3316548	43.951	2.640
20	.00655	.03225	73734	2378	362924	2943321	39.918	2.583
25	.00736	.03615	71356	2580	350449	2580397	36.162	2.546
30	.00878	.04299	68776	2957	336668	2229948	32.423	2.560
35	.01073	.05230	65820	3443	320726	1893280	28.765	2.568
40	.01355	.06561	62377	4093	301957	1572553	25.210	2.574
45	.01754	.08411	58285	4902	279541	1270596	21.800	2.576
50	.02327	.11014	53382	5880	252637	991056	18.565	2.572
55	.03127	.14532	47503	6903	220721	738419	15.545	2.567
60	.04395	.19843	40600	8056	183307	517697	12.751	2.556
65	.06338	.27383	32544	8912	140599	334390	10.275	2.518
70	.09028	.36699	23632	8673	96068	193791	8.200	2.453
75	.12454	.46902	14959	7016	56338	97723	6.533	2.369
80	.16737	.57505	7943	4568	27291	41385	5.210	2.280
85	.23950	******	3375	3375	14094	14094	4.175	4.175

AGE	M(X)	Q(X)	I(X)	D(X)	L(X)	T(X)	E(X)	A(X)
0	.15173	.13773	100000	13773	90772	4600000	46.000	0.330
1	.02026	.07693	86227	6633	327345	4509228	52.295	1.352
5	.00490	.02418	79594	1925	393159	4181883	52.540	2.500
10	.00302	.01501	77670	1166	385434	3788723	48.780	2.500
15	.00439	.02172	76504	1661	378601	3403290	44.485	2.641
20	.00622	.03065	74843	2294	368672	3024689	40.414	2.584
25	.00700	.03441	72549	2496	356619	2656017	36.610	2.547
30	.00835	.04092	70052	2867	343272	2299398	32.824	2.562
35	.01025	.04998	67186	3358	327770	1956126	29.115	2.571
40	.01300	.06300	63827	4021	309394	1628355	25.512	2.577
45	.01691	.08121	59806	4857	287275	1318961	22.054	2.580
50	.02257	.10698	54949	5878	260494	1031686	18.775	2.576
55	.03048	.14190	49070	6963	228438	771192	15.716	2.571
60	.04301	.19460	42107	8194	190534	542755	12.890	2.559
65	.06218	.26939	33913	9136	146922	352221	10.386	2.521
70	.08878	.36212	24777	8972	101067	205299	8.286	2.457
75	.12279	.46425	15805	7337	59756	104232	6.595	2.374
80	.16555	.57106	8467	4835	29208	44476	5.253	2.285
85	.23790	******	3632	3632	15267	15267	4.203	4.203

AGE	M(X)	Q(X)	I(X)	D(X)	L(X)	T(X)	E(X)	A(X)
0	.14548	.13256	100000	13256	91119	4700001	47.000	0.330
1	.01898	.07228	86744	6270	330374	4608882	53.132	1.352
5	.00460	.02275	80474	1831	397794	4278508	53.166	2.500
10	.00286	.01419	78643	1116	390428	3880714	49.346	2.500
15	.00416	.02060	77528	1597	383874	3490287	45.020	2.642
20	.00590	.02910	75931	2210	374319	3106413	40.911	2.585
25	.00665	.03272	73721	2412	362691	2732095	37.060	2.548
30	.00793	.03892	71309	2775	349785	2369403	33.227	2.564
35	.00977	.04772	68534	3271	334734	2019619	29.469	2.574
40	.01245	.06045	65263	3945	316772	1684885	25.817	2.581
45	.01629	.07837	61318	4805	294978	1368113	22.312	2.583
50	.02187	.10385	56513	5869	268360	1073135	18.989	2.580
55	.02969	.13850	50644	7014	236208	804775	15.891	2.574
60	.04207	.19076	43630	8323	197861	568567	13.032	2.562
65	.06098	.26492	35307	9353	153385	370706	10.499	2.525
70	.08727	.35720	25954	9271	106230	217320	8.373	2.461
75	.12103	.45941	16683	7664	63327	111090	6.659	2.379
80	.16371	.56700	9019	5114	31236	47764	5.296	2.290
85	.23627	******	3905	3905	16528	16528	4.232	4.232

AGE	M(X)	Q(X)	I(X)	D(X)	L(X)	T(X)	E(X)	A(X)
0	.13937	.12747	100000	12747	91460	4800001	48.000	0.330
1	.01775	.06781	87253	5917	333346	4708541	53.964	1.352
5	.00432	.02138	81337	1739	402336	4375195	53.791	2.500
10	.00270	.01340	79598	1066	395322	3972860	49.912	2.500
15	.00394	.01952	78531	1533	389045	3577537	45.556	2.644
20	.00559	.02760	76999	2125	379864	3188492	41.410	2.587
25	.00631	.03108	74874	2327	368664	2808628	37.512	2.549
30	.00753	.03697	72547	2682	356203	2439964	33.633	2.565
35	.00931	.04552	69864	3180	341615	2083761	29.826	2.576
40	.01192	.05795	66684	3864	324085	1742146	26.125	2.584
45	.01568	.07556	62820	4747	302647	1418062	22.573	2.587
50	.02118	.10074	58074	5850	276229	1115415	19.207	2.583
55	.02891	.13510	52223	7055	244029	839185	16.069	2.578
60	.04113	.18691	45168	8443	205288	595157	13.177	2.566
65	.05978	.26041	36725	9564	159991	389869	10.616	2.529
70	.08575	.35221	27162	9567	111560	229878	8.463	2.465
75	.11925	.45448	17595	7997	67056	118318	6.724	2.384
80	.16185	.56285	9599	5403	33379	51263	5.341	2.295
85	.23463	******	4196	4196	17883	17883	4.262	4.262

AGE	M(X)	Q(X)	I(X)	D(X)	L(X)	T(X)	E(X)	A(X)
0	.13339	.12244	100000	12244	91796	4900002	49.000	0.330
1	.01658	.06352	87756	5574	336262	4808206	54.791	1.352
5	.00405	.02006	82181	1649	406785	4471944	54.416	2.500
10	.00254	.01264	80533	1018	400119	4065159	50.478	2.500
15	.00373	.01847	79515	1469	394116	3665041	46.092	2.645
20	.00530	.02614	78046	2040	385308	3270925	41.910	2.588
25	.00598	.02949	76006	2241	374537	2885617	37.966	2.550
30	.00714	.03509	73765	2588	362526	2511080	34.042	2.567
35	.00886	.04337	71177	3087	348409	2148554	30.186	2.579
40	.01140	.05550	68089	3779	331329	1800145	26.438	2.587
45	.01509	.07279	64311	4681	310275	1468815	22.839	2.591
50	.02050	.09765	59630	5823	284098	1158540	19.429	2.587
55	.02813	.13170	53807	7087	251895	874442	16.252	2.582
60	.04019	.18305	46720	8552	212810	622547	13.325	2.569
65	.05857	.25586	38168	9766	166739	409737	10.735	2.532
70	.08423	.34716	28402	9860	117060	242998	8.556	2.470
75	.11746	.44946	18542	8334	70950	125937	6.792	2.389
80	.15997	.55861	10208	5702	35647	54987	5.387	2.300
85	.23297	******	4506	4506	19341	19341	4.292	4.292

AGE	M(X)	Q(X)	I(X)	D(X)	L(X)	T(X)	E(X)	A(X)
0	.12753	.11749	100000	11749	92128	5000004	50.000	0.330
1	.01546	.05940	88251	5242	339122	4907876	55.613	1.352
5	.00380	.01880	83009	1561	411142	4568754	55.039	2.500
10	.00239	.01190	81448	969	404816	4157612	51.046	2.500
15	.00352	.01746	80479	1405	399085	3752796	46.631	2.646
20	.00501	.02474	79073	1956	390650	3353711	42.413	2.589
25	.00567	.02794	77117	2155	380309	2963061	38.423	2.551
30	.00676	.03325	74963	2493	368751	2582752	34.454	2.569
35	.00842	.04128	72470	2992	355114	2214001	30.551	2.582
40	.01090	.05309	69478	3689	338502	1858886	26.755	2.590
45	.01450	.07006	65789	4609	317859	1520384	23.110	2.594
50	.01982	.09459	61180	5787	291960	1202525	19.655	2.591
55	.02736	.12831	55393	7108	259803	910565	16.438	2.585
60	.03925	.17917	48285	8651	220426	650762	13.477	2.572
65	.05736	.25127	39634	9959	173630	430336	10.858	2.536
70	.08270	.34203	29675	10150	122736	256706	8.651	2.474
75	.11565	.44435	19525	8676	75017	133970	6.861	2.394
80	.15806	.55427	10849	6013	38044	58953	5.434	2.306
85	.23128	******	4836	4836	20909	20909	4.324	4.324

AGE	M(X)	Q(X)	I(X)	D(X)	L(X)	T(X)	E(X)	A(X)
0	.12180	.11261	100000	11261	92455	5100008	51.000	0.330
1	.01439	.05545	88739	4920	341927	5007552	56.430	1.352
5	.00355	.01759	83819	1475	415407	4665625	55.663	2.500
10	.00225	.01120	82344	922	409416	4250217	51.615	2.500
15	.00332	.01648	81422	1342	403953	3840802	47.171	2.648
20	.00473	.02337	80080	1872	395889	3436848	42.918	2.590
25	.00536	.02645	78208	2068	385978	3040959	38.883	2.552
30	.00639	.03148	76140	2397	374877	2654982	34.870	2.570
35	.00800	.03924	73743	2894	361728	2280105	30.919	2.585
40	.01040	.05074	70850	3595	345598	1918378	27.077	2.594
45	.01392	.06736	67255	4530	325392	1572780	23.385	2.598
50	.01915	.09155	62724	5742	299810	1247387	19.887	2.595
55	.02659	.12493	56982	7118	267748	947577	16.629	2.589
60	.03831	.17527	49864	8739	228133	679829	13.634	2.576
65	.05614	.24664	41124	10143	180664	451696	10.984	2.539
70	.08115	.33683	30981	10435	128591	271033	8.748	2.478
75	.11383	.43913	20546	9022	79264	142442	6.933	2.399
80	.15613	.54982	11524	6336	40581	63177	5.482	2.311
85	.22958	******	5188	5188	22597	22597	4.356	4.356

AGE	M(X)	Q(X)	I(X)	D(X)	L(X)	T(X)	E(X)	A(X)
0	.11619	.10780	100000	10780	92778	5200000	52.000	0.330
1	.01337	.05166	89220	4609	344677	5107222	57.243	1.352
5	.00331	.01643	84611	1390	419581	4762545	56.287	2.500
10	.00211	.01052	83221	875	413917	4342964	52.186	2.500
15	.00313	.01554	82346	1280	408720	3929047	47.714	2.649
20	.00446	.02205	81066	1788	401023	3520328	43.425	2.591
25	.00506	.02499	79278	1981	391542	3119305	39.346	2.553
30	.00604	.02975	77297	2300	380899	2727763	35.289	2.572
35	.00759	.03725	74997	2794	368244	2346864	31.293	2.588
40	.00992	.04843	72203	3497	352612	1978620	27.404	2.597
45	.01336	.06471	68706	4446	332869	1626008	23.666	2.602
50	.01849	.08852	64260	5689	307642	1293138	20.123	2.599
55	.02582	.12154	58572	7119	275723	985496	16.825	2.593
60	.03737	.17134	51453	8816	235926	709773	13.795	2.579
65	.05492	.24195	42637	10316	187840	473847	11.113	2.543
70	.07960	.33155	32321	10716	134629	286007	8.849	2.483
75	.11198	.43381	21605	9372	83699	151378	7.007	2.404
80	.15417	.54526	12233	6670	43264	67679	5.533	2.317
85	.22784	******	5563	5563	24415	24415	4.389	4.389

AGE	M(X)	Q(X)	I(X)	D(X)	L(X)	T(X)	E(X)	A(X)
0	.11069	.10305	100000	10305	93096	5300000	53.000	0.330
1	.01240	.04803	89695	4308	347372	5206904	58.051	1.352
5	.00309	.01532	85387	1308	423663	4859532	56.912	2.500
10	.00198	.00986	84078	829	418319	4435869	52.759	2.500
15	.00295	.01463	83249	1218	413384	4017550	48.259	2.650
20	.00420	.02078	82031	1704	406053	3604165	43.936	2.592
25	.00477	.02359	80327	1895	397000	3198113	39.814	2.554
30	.00569	.02808	78432	2203	386817	2801112	35.714	2.573
35	.00719	.03532	76230	2692	374662	2414295	31.671	2.590
40	.00944	.04617	73538	3395	359541	2039633	27.736	2.601
45	.01280	.06208	70142	4355	340286	1680092	23.953	2.606
50	.01784	.08552	65788	5626	315452	1339806	20.366	2.603
55	.02505	.11814	60162	7108	283725	1024354	17.027	2.597
60	.03643	.16739	53054	8881	243804	740629	13.960	2.583
65	.05369	.23721	44173	10478	195160	496825	11.247	2.547
70	.07803	.32617	33695	10990	140856	301665	8.953	2.487
75	.11011	.42837	22704	9726	88330	160809	7.083	2.410
80	.15217	.54058	12979	7016	46105	72479	5.585	2.322
85	.22608	******	5963	5963	26374	26374	4.423	4.423

AGE	M(X)	Q(X)	I(X)	D(X)	L(X)	T(X)	E(X)	A(X)
0	.10536	.09837	100000	9837	93363	5400000	54.000	0.325
1	.01148	.04456	90163	4017	350031	5306637	58.856	1.357
5	.00287	.01426	86145	1229	427655	4956606	57.538	2.500
10	.00186	.00923	84917	784	422624	4528950	53.334	2.500
15	.00277	.01374	84133	1156	417948	4106327	48.808	2.651
20	.00395	.01954	82976	1622	410978	3688379	44.451	2.593
25	.00449	.02222	81355	1808	402352	3277401	40.285	2.555
30	.00536	.02646	79547	2105	392629	2875049	36.143	2.575
35	.00680	.03343	77442	2589	380979	2482419	32.055	2.593
40	.00898	.04395	74853	3290	366382	2101441	28.074	2.604
45	.01225	.05949	71563	4258	347638	1735059	24.245	2.610
50	.01719	.08253	67305	5555	323233	1387421	20.614	2.607
55	.02429	.11475	61751	7086	291750	1064187	17.234	2.600
60	.03548	.16341	54665	8933	251765	772437	14.130	2.587
65	.05246	.23242	45732	10629	202626	520672	11.385	2.551
70	.07644	.32071	35103	11258	147277	318046	9.060	2.492
75	.10821	.42280	23845	10082	93168	170770	7.162	2.415
80	.15015	.53577	13764	7374	49113	77602	5.638	2.328
85	.22428	******	6389	6389	28489	28489	4.459	4.459

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AGE	M(X)	Q(X)	I(X)	D(X)	L(X)	T(X)	E(X)	A(X)
0	.10023	.09376	100000	9376	93550	5500000	55.000	0.312
1	.01060	.04124	90624	3737	352669	5406450	59.658	1.370
5	.00267	.01324	86887	1151	431557	5053781	58.165	2.500
10	.00173	.00863	85736	740	426831	4622225	53.912	2.500
15	.00259	.01289	84996	1096	422409	4195394	49.360	2.653
20	.00370	.01835	83900	1539	415798	3772985	44.970	2.594
25	.00422	.02090	82361	1721	407597	3357187	40.762	2.555
30	.00504	.02489	80640	2007	398334	2949589	36.577	2.577
35	.00642	.03159	78632	2484	387191	2551255	32.445	2.596
40	.00853	.04178	76148	3182	373130	2164064	28.419	2.608
45	.01171	.05694	72967	4155	354920	1790934	24.544	2.614
50	.01654	.07956	68812	5475	330982	1436014	20.869	2.611
55	.02352	.11135	63338	7052	299794	1105032	17.447	2.604
60	.03453	.15940	56285	8972	259806	805238	14.306	2.590
65	.05121	.22755	47313	10766	210238	545432	11.528	2.554
70	.07484	.31513	36547	11517	153899	335195	9.172	2.496
75	.10629	.41709	25030	10440	98222	181296	7.243	2.421
80	.14808	.53082	14590	7745	52301	83074	5.694	2.334
85	.22245	******	6845	6845	30773	30773	4.495	4.495

AGE	M(X)	Q(X)	I(X)	D(X)	L(X)	T(X)	E(X)	A(X)
0	.09517	.08922	100000	8922	93746	5600000	56.000	0.299
1	.00976	.03807	91078	3467	355243	5506254	60.456	1.384
5	.00247	.01227	87611	1075	435366	5151012	58.794	2.500
10	.00162	.00805	86536	696	430937	4715646	54.494	2.500
15	.00243	.01207	85839	1036	426766	4284709	49.915	2.654
20	.00347	.01719	84803	1458	420509	3857943	45.493	2.595
25	.00396	.01962	83345	1635	412730	3437434	41.243	2.556
30	.00473	.02337	81710	1909	403925	3024704	37.018	2.578
35	.00605	.02980	79800	2378	393292	2620779	32.842	2.599
40	.00808	.03965	77422	3070	379777	2227486	28.771	2.611
45	.01117	.05442	74352	4046	362123	1847709	24.851	2.618
50	.01590	.07660	70306	5386	338688	1485586	21.130	2.615
55	.02276	.10794	64921	7007	307845	1146898	17.666	2.608
60	.03358	.15536	57914	8997	267918	839053	14.488	2.594
65	.04996	.22263	48916	10890	217991	571135	11.676	2.558
70	.07322	.30946	38026	11767	160723	353144	9.287	2.501
75	.10433	.41124	26259	10799	103502	192421	7.328	2.426
80	.14597	.52571	15460	8127	55678	88919	5.752	2.340
85	.22058	******	7332	7332	33241	33241	4.533	4.533

AGE	M(X)	Q(X)	I(X)	D(X)	L(X)	T(X)	E(X)	A(X)
0	.09020	.08475	100000	8475	93950	5700000	57.000	0.286
1	.00897	.03505	91525	3208	357753	5606049	61.251	1.398
5	.00228	.01135	88317	1002	439081	5248297	59.425	2.500
10	.00150	.00749	87315	654	434942	4809215	55.079	2.500
15	.00227	.01128	86662	977	431017	4374273	50.475	2.655
20	.00324	.01608	85684	1378	425110	3943256	46.021	2.596
25	.00371	.01838	84307	1550	417748	3518146	41.730	2.557
30	.00443	.02190	82757	1812	409399	3100398	37.464	2.580
35	.00569	.02806	80945	2271	399278	2690999	33.245	2.602
40	.00765	.03757	78674	2956	386318	2291721	29.129	2.615
45	.01065	.05193	75718	3932	369239	1905403	25.164	2.622
50	.01527	.07366	71786	5288	346343	1536163	21.399	2.619
55	.02200	.10452	66498	6950	315897	1189820	17.892	2.612
60	.03263	.15128	59548	9008	276098	873923	14.676	2.598
65	.04869	.21763	50540	10999	225886	597825	11.829	2.562
70	.07158	.30367	39541	12007	167754	371939	9.406	2.506
75	.10235	.40525	27534	11158	109016	204185	7.416	2.432
80	.14382	.52044	16376	8523	59257	95169	5.812	2.346
85	.21868	******	7853	7853	35911	35911	4.573	4.573

AGE	M(X)	Q(X)	I(X)	D(X)	L(X)	T(X)	E(X)	A(X)
0	.08533	.08035	100000	8035	94163	5800000	58.000	0.273
1	.00822	.03218	91965	2959	360200	5705837	62.043	1.411
5	.00210	.01046	89006	931	442703	5345637	60.059	2.500
10	.00139	.00695	88075	612	438845	4902934	55.668	2.500
15	.00211	.01051	87463	919	435161	4464089	51.040	2.657
20	.00302	.01500	86544	1298	429598	4028928	46.554	2.597
25	.00347	.01719	85245	1465	422649	3599330	42.223	2.558
30	.00413	.02047	83780	1715	414754	3176681	37.917	2.581
35	.00534	.02637	82065	2164	405144	2761928	33.655	2.605
40	.00723	.03553	79901	2839	392747	2356783	29.496	2.618
45	.01013	.04947	77063	3812	376263	1964036	25.486	2.626
50	.01464	.07073	73250	5181	353940	1587773	21.676	2.624
55	.02124	.10109	68069	6881	323943	1233834	18.126	2.616
60	.03167	.14716	61188	9004	284340	909891	14.870	2.601
65	.04742	.21256	52183	11092	233921	625551	11.988	2.566
70	.06992	.29776	41091	12235	174997	391630	9.531	2.510
75	.10033	.39908	28856	11516	114777	216633	7.507	2.438
80	.14163	.51501	17340	8930	63053	101856	5.874	2.352
85	.21673	******	8410	8410	38803	38803	4.614	4.614

AGE	M(X)	Q(X)	I(X)	D(X)	L(X)	T(X)	E(X)	A(X)
0	.08054	.07602	100000	7602	94383	5900000	59.000	0.261
1	.00750	.02945	92398	2721	362584	5805617	62.833	1.424
5	.00193	.00962	89677	863	446230	5443034	60.696	2.500
10	.00129	.00643	88815	572	442645	4996804	56.261	2.500
15	.00196	.00978	88243	863	439196	4554159	51.609	2.658
20	.00281	.01396	87381	1220	433972	4114963	47.092	2.598
25	.00323	.01603	86160	1381	427431	3680991	42.723	2.559
30	.00385	.01909	84779	1619	419984	3253560	38.377	2.583
35	.00500	.02472	83161	2056	410886	2833576	34.074	2.608
40	.00681	.03353	81105	2719	399057	2422690	29.871	2.622
45	.00962	.04705	78385	3688	383186	2023633	25.816	2.630
50	.01402	.06782	74697	5066	361470	1640446	21.961	2.628
55	.02048	.09766	69631	6800	331975	1278977	18.368	2.621
60	.03070	.14300	62831	8985	292637	947001	15.072	2.605
65	.04613	.20741	53846	11168	242094	654364	12.153	2.570
70	.06823	.29172	42678	12450	182456	412271	9.660	2.515
75	.09828	.39275	30228	11872	120796	229814	7.603	2.444
80	.13939	.50938	18356	9350	67081	109019	5.939	2.358
85	.21474	******	9006	9006	41938	41938	4.657	4.657

AGE	M(X)	Q(X)	I(X)	D(X)	L(X)	T(X)	E(X)	A(X)
0	.07585	.07177	100000	7177	94609	6000000	60.000	0.249
1	.00683	.02686	92823	2493	364904	5905391	63.620	1.437
5	.00177	.00882	90330	796	449661	5540487	61.336	2.500
10	.00119	.00594	89534	532	446340	5090826	56.859	2.500
15	.00182	.00907	89002	807	443121	4644486	52.184	2.659
20	.00261	.01296	88195	1143	438229	4201365	47.637	2.599
25	.00300	.01491	87051	1298	432090	3763136	43.229	2.560
30	.00358	.01776	85753	1523	425088	3331046	38.844	2.585
35	.00468	.02312	84230	1948	416499	2905958	34.500	2.611
40	.00641	.03158	82282	2598	405243	2489460	30.255	2.626
45	.00913	.04466	79684	3559	390002	2084216	26.156	2.635
50	.01340	.06493	76125	4943	368925	1694214	22.256	2.633
55	.01973	.09421	71183	6706	339985	1325289	18.618	2.625
60	.02973	.13880	64476	8950	300983	985304	15.282	2.609
65	.04483	.20217	55527	11226	250403	684321	12.324	2.574
70	.06653	.28554	44301	12650	190137	433919	9.795	2.520
75	.09619	.38623	31651	12225	127085	243781	7.702	2.450
80	.13709	.50356	19426	9782	71356	116697	6.007	2.365
85	.21270	******	9644	9644	45341	45341	4.701	4.701

AGE	M(X)	Q(X)	I(X)	D(X)	L(X)	T(X)	E(X)	A(X)
0	.07126	.06759	100000	6759	94842	6100000	61.000	0.237
1	.00620	.02441	93241	2276	367160	6005158	64.405	1.449
5	.00162	.00806	90965	733	452995	5637998	61.980	2.500
10	.00110	.00547	90233	494	449929	5185003	57.463	2.500
15	.00168	.00839	89739	753	446934	4735075	52.765	2.661
20	.00241	.01200	88986	1068	442368	4288141	48.189	2.600
25	.00279	.01383	87918	1216	436624	3845773	43.743	2.561
30	.00332	.01648	86702	1429	430060	3409149	39.320	2.586
35	.00436	.02157	85273	1840	421976	2979089	34.936	2.615
40	.00602	.02967	83433	2475	411299	2557112	30.649	2.630
45	.00863	.04231	80958	3425	396702	2145814	26.505	2.639
50	.01278	.06205	77532	4811	376296	1749112	22.560	2.637
55	.01897	.09076	72722	6600	347963	1372816	18.878	2.629
60	.02876	.13456	66122	8897	309372	1024853	15.499	2.613
65	.04352	.19685	57224	11265	258845	715481	12.503	2.579
70	.06480	.27922	45960	12833	198043	456637	9.936	2.526
75	.09406	.37951	33127	12572	133656	258593	7.806	2.457
80	.13474	.49752	20555	10226	75896	124937	6.078	2.372
85	.21061	******	10328	10328	49041	49041	4.748	4.748

AGE	M(X)	Q(X)	I(X)	D(X)	L(X)	T(X)	E(X)	A(X)
0	.06678	.06349	100000	6349	95080	6200000	62.000	0.225
1	.00560	.02209	93651	2069	369352	6104920	65.188	1.462
5	.00147	.00734	91582	672	456230	5735568	62.628	2.500
10	.00101	.00502	90910	456	453409	5279338	58.072	2.500
15	.00155	.00773	90454	700	450633	4825929	53.352	2.662
20	.00223	.01108	89754	994	446385	4375296	48.748	2.601
25	.00258	.01280	88760	1136	441029	3928911	44.265	2.562
30	.00307	.01524	87624	1336	434897	3487882	39.805	2.588
35	.00405	.02007	86288	1732	427315	3052984	35.381	2.618
40	.00564	.02781	84556	2351	417217	2625670	31.052	2.634
45	.00815	.03999	82205	3288	403277	2208453	26.865	2.644
50	.01218	.05918	78917	4671	383573	1805176	22.874	2.642
55	.01821	.08729	74247	6481	355899	1421603	19.147	2.634
60	.02778	.13027	67766	8828	317794	1065704	15.726	2.617
65	.04219	.19144	58938	11283	267417	747910	12.690	2.583
70	.06304	.27275	47655	12998	206180	480493	10.083	2.531
75	.09189	.37259	34657	12913	140525	274314	7.915	2.463
80	.13233	.49124	21744	10682	80722	133789	6.153	2.379
85	.20846	******	11062	11062	53067	53067	4.797	4.797

AGE	M(X)	Q(X)	I(X)	D(X)	L(X)	T(X)	E(X)	A(X)
0	.06239	.05947	100000	5947	95322	6300000	63.000	0.213
1	.00504	.01991	94053	1873	371479	6204678	65.970	1.474
5	.00134	.00665	92180	613	459365	5833199	63.281	2.500
10	.00092	.00459	91566	420	456781	5373834	58.688	2.500
15	.00143	.00711	91146	648	454216	4917053	53.947	2.664
20	.00205	.01019	90498	922	450278	4462837	49.314	2.602
25	.00237	.01180	89576	1057	445302	4012559	44.795	2.562
30	.00283	.01406	88519	1244	439595	3567257	40.299	2.590
35	.00376	.01862	87274	1625	432507	3127662	35.837	2.621
40	.00526	.02599	85649	2226	422989	2695155	31.467	2.638
45	.00768	.03771	83424	3146	409719	2272166	27.237	2.648
50	.01157	.05634	80278	4522	390747	1862446	23.200	2.647
55	.01745	.08381	75755	6349	363783	1471700	19.427	2.638
60	.02679	.12593	69406	8740	326241	1107917	15.963	2.621
65	.04085	.18593	60666	11280	276114	781676	12.885	2.587
70	.06126	.26613	49386	13143	214549	505562	10.237	2.536
75	.08967	.36544	36243	13245	147704	291013	8.029	2.470
80	.12985	.48472	22999	11148	85852	143309	6.231	2.386
85	.20625	******	11851	11851	57457	57457	4.848	4.848

AGE	M(X)	Q(X)	I(X)	D(X)	L(X)	T(X)	E(X)	A(X)
0	.05812	.05554	100000	5554	95569	6400000	64.000	0.202
1	.00452	.01787	94446	1688	373540	6304431	66.752	1.486
5	.00121	.00601	92758	557	462398	5930891	63.939	2.500
10	.00084	.00418	92201	386	460040	5468494	59.311	2.500
15	.00131	.00651	91815	598	457680	5008454	54.549	2.665
20	.00188	.00934	91218	852	454045	4550773	49.889	2.603
25	.00218	.01084	90365	980	449439	4096728	45.335	2.563
30	.00260	.01291	89386	1154	444147	3647289	40.804	2.592
35	.00347	.01721	88231	1519	437548	3203142	36.304	2.625
40	.00490	.02422	86712	2100	428610	2765594	31.894	2.642
45	.00721	.03546	84612	3001	416018	2336984	27.620	2.653
50	.01098	.05351	81611	4367	397804	1920965	23.538	2.652
55	.01670	.08032	77245	6204	371603	1523161	19.719	2.643
60	.02580	.12154	71041	8634	334703	1151558	16.210	2.626
65	.03949	.18032	62407	11253	284931	816855	13.089	2.592
70	.05944	.25933	51153	13265	223156	531924	10.399	2.542
75	.08740	.35805	37888	13566	155207	308768	8.150	2.477
80	.12730	.47793	24322	11624	91311	153561	6.314	2.393
85	.20398	******	12698	12698	62250	62250	4.902	4.902

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AGE	M(X)	Q(X)	I(X)	D(X)	L(X)	T(X)	E(X)	A(X)
0	.05396	.05170	100000	5170	95818	6500000	65.000	0.191
1	.00403	.01595	94830	1513	375534	6404182	67.533	1.497
5	.00108	.00540	93317	504	465326	6028648	64.604	2.500
10	.00076	.00380	92813	352	463185	5563321	59.941	2.500
15	.00119	.00594	92461	549	461024	5100136	55.160	2.667
20	.00171	.00853	91912	784	457681	4639112	50.473	2.604
25	.00199	.00992	91128	904	453436	4181431	45.885	2.564
30	.00238	.01182	90223	1066	448551	3727995	41.320	2.593
35	.00320	.01586	89157	1414	442432	3279444	36.783	2.628
40	.00455	.02250	87743	1974	434070	2837012	32.333	2.647
45	.00676	.03326	85769	2853	422165	2402943	28.016	2.658
50	.01039	.05069	82917	4203	404735	1980778	23.889	2.657
55	.01594	.07681	78713	6046	379346	1576042	20.023	2.648
60	.02480	.11710	72667	8509	343169	1196696	16.468	2.630
65	.03812	.17461	64158	11202	293861	853527	13.304	2.596
70	.05760	.25235	52956	13363	232001	559666	10.569	2.547
75	.08509	.35041	39592	13874	163050	327664	8.276	2.484
80	.12469	.47085	25719	12110	97122	164614	6.401	2.401
85	.20164	******	13609	13609	67492	67492	4.959	4.959

AGE	M(X)	Q(X)	I(X)	D(X)	L(X)	T(X)	E(X)	A(X)
0	.04991	.04795	100000	4795	96070	6600000	66.000	0.180
1	.00357	.01416	95205	1349	377460	6503930	68.315	1.509
5	.00097	.00483	93857	454	468149	6126470	65.275	2.500
10	.00069	.00343	93403	320	466214	5658321	60.580	2.500
15	.00108	.00539	93083	502	464243	5192107	55.780	2.668
20	.00156	.00776	92581	718	461184	4727864	51.067	2.605
25	.00182	.00905	91863	831	457290	4266680	46.446	2.565
30	.00217	.01077	91032	981	452799	3809391	41.847	2.595
35	.00293	.01455	90051	1311	447151	3356591	37.274	2.632
40	.00421	.02082	88740	1848	439361	2909441	32.786	2.651
45	.00631	.03109	86893	2702	428149	2470080	28.427	2.663
50	.00980	.04790	84191	4033	411526	2041931	24.254	2.662
55	.01518	.07330	80158	5875	387000	1630405	20.340	2.653
60	.02379	.11260	74282	8365	351626	1243404	16.739	2.635
65	.03673	.16878	65918	11126	302897	891779	13.529	2.601
70	.05572	.24519	54792	13434	241088	588882	10.748	2.553
75	.08272	.34250	41358	14165	171248	347794	8.409	2.491
80	.12199	.46346	27193	12603	103312	176546	6.492	2.409
85	.19922	******	14590	14590	73235	73235	5.019	5.019

AGE	M(X)	Q(X)	I(X)	D(X)	L(X)	T(X)	E(X)	A(X)
0	.04599	.04430	100000	4430	96323	6700006	67.000	0.170
1	.00315	.01250	95570	1195	379317	6603683	69.098	1.520
5	.00086	.00430	94375	406	470862	6224366	65.953	2.500
10	.00062	.00308	93969	290	469124	5753504	61.227	2.500
15	.00098	.00487	93680	457	467336	5284380	56.409	2.670
20	.00141	.00702	93223	654	464550	4817045	51.672	2.606
25	.00165	.00821	92569	760	460995	4352495	47.019	2.566
30	.00196	.00978	91809	897	456888	3891500	42.387	2.597
35	.00268	.01330	90911	1209	451699	3434612	37.780	2.636
40	.00387	.01920	89702	1722	444475	2982913	33.253	2.656
45	.00587	.02897	87980	2549	433959	2538438	28.852	2.668
50	.00922	.04513	85431	3856	418165	2104479	24.634	2.668
55	.01443	.06977	81576	5692	394549	1686314	20.672	2.658
60	.02277	.10806	75884	8200	360060	1291765	17.023	2.639
65	.03532	.16284	67684	11022	312029	931705	13.766	2.606
70	.05381	.23783	56662	13476	250415	619676	10.936	2.559
75	.08029	.33430	43186	14437	179815	369261	8.550	2.498
80	.11921	.45573	28749	13102	109908	189445	6.590	2.417
85	.19673	******	15647	15647	79537	79537	5.083	5.083

AGE	M(X)	Q(X)	I(X)	D(X)	L(X)	T(X)	E(X)	A(X)
0	.04219	.04075	100000	4075	96576	6800002	68.000	0.160
1	.00276	.01096	95925	1052	381103	6703426	69.882	1.530
5	.00076	.00380	94873	361	473464	6322324	66.640	2.500
10	.00055	.00275	94512	260	471911	5848860	61.885	2.500
15	.00088	.00438	94252	413	470298	5376949	57.049	2.672
20	.00127	.00632	93839	593	467775	4906651	52.288	2.607
25	.00149	.00741	93246	691	464546	4438876	47.604	2.567
30	.00177	.00883	92554	817	460811	3974330	42.940	2.599
35	.00243	.01210	91738	1110	456069	3513519	38.300	2.640
40	.00355	.01763	90628	1598	449402	3057450	33.736	2.660
45	.00545	.02689	89030	2394	439582	2608048	29.294	2.674
50	.00865	.04239	86636	3673	424636	2168465	25.030	2.674
55	.01367	.06624	82963	5496	401977	1743829	21.019	2.664
60	.02175	.10346	77468	8014	368455	1341852	17.321	2.644
65	.03390	.15679	69453	10890	321244	973397	14.015	2.610
70	.05187	.23027	58564	13485	259981	652153	11.136	2.565
75	.07780	.32580	45078	14686	188766	392172	8.700	2.506
80	.11634	.44763	30392	13604	116940	203406	6.693	2.426
85	.19415	******	16787	16787	86466	86466	5.151	5.151

AGE	M(X)	Q(X)	I(X)	D(X)	L(X)	T(X)	E(X)	A(X)
0	.03853	.03731	100000	3731	96828	6900000	69.000	0.150
1	.00240	.00955	96269	919	382815	6803173	70.668	1.541
5	.00067	.00334	95350	319	475952	6420357	67.335	2.500
10	.00049	.00245	95031	233	474573	5944405	62.552	2.500
15	.00079	.00392	94798	372	473127	5469832	57.700	2.673
20	.00114	.00566	94427	534	470855	4996705	52.916	2.608
25	.00134	.00666	93892	625	467940	4525850	48.203	2.568
30	.00159	.00793	93267	739	464562	4057910	43.508	2.601
35	.00220	.01095	92528	1013	460253	3593348	38.835	2.644
40	.00325	.01611	91515	1474	454133	3133094	34.236	2.665
45	.00503	.02486	90041	2239	445009	2678961	29.753	2.680
50	.00808	.03968	87802	3484	430926	2233952	25.443	2.680
55	.01292	.06271	84318	5287	409266	1803026	21.384	2.669
60	.02072	.09880	79031	7808	376794	1393760	17.636	2.649
65	.03246	.15062	71222	10728	330531	1016966	14.279	2.615
70	.04989	.22250	60495	13460	269783	686435	11.347	2.571
75	.07525	.31697	47035	14909	198114	416653	8.858	2.514
80	.11337	.43914	32126	14108	124440	218539	6.803	2.435
85	.19148	******	18018	18018	94099	94099	5.222	5.222

AGE	M(X)	Q(X)	I(X)	D(X)	L(X)	T(X)	E(X)	A(X)
0	.03501	.03399	100000	3399	97078	7000000	70.000	0.140
1	.00207	.00825	96601	797	384453	6902922	71.458	1.551
5	.00058	.00292	95804	280	478323	6518469	68.039	2.500
10	.00043	.00216	95525	206	477108	6040146	63.231	2.500
15	.00070	.00349	95318	332	475819	5563039	58.363	2.675
20	.00101	.00504	94986	479	473786	5087220	53.558	2.609
25	.00119	.00594	94508	562	471172	4613433	48.816	2.568
30	.00142	.00707	93946	665	468136	4142261	44.092	2.603
35	.00198	.00985	93281	919	464245	3674125	39.388	2.648
40	.00295	.01465	92362	1353	458659	3209880	34.753	2.671
45	.00463	.02289	91009	2083	450225	2751220	30.230	2.686
50	.00753	.03700	88926	3290	437018	2300995	25.875	2.686
55	.01217	.05917	85636	5067	416399	1863978	21.766	2.675
60	.01969	.09410	80569	7581	385058	1447578	17.967	2.654
65	.03100	.14434	72988	10535	339871	1062521	14.558	2.621
70	.04788	.21451	62453	13397	279814	722649	11.571	2.578
75	.07264	.30781	49056	15100	207872	442835	9.027	2.523
80	.11031	.43023	33956	14609	132442	234963	6.920	2.444
85	.18871	******	19347	19347	102521	102521	5.299	5.299

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AGE	M(X)	Q(X)	I(X)	D(X)	L(X)	T(X)	E(X)	A(X)
0	.03163	.03079	100000	3079	97325	7100002	71.000	0.131
1	.00178	.00707	96921	685	386014	7002677	72.251	1.560
5	.00051	.00253	96236	243	480573	6616663	68.754	2.500
10	.00038	.00189	95993	182	479511	6136089	63.922	2.500
15	.00062	.00308	95811	295	478371	5656579	59.039	2.677
20	.00089	.00445	95516	425	476565	5178208	54.213	2.610
25	.00106	.00527	95091	501	474236	4701643	49.444	2.569
30	.00126	.00627	94590	593	471527	4227407	44.692	2.605
35	.00177	.00881	93996	828	468037	3755880	39.958	2.653
40	.00267	.01325	93168	1234	462971	3287843	35.289	2.676
45	.00423	.02096	91933	1927	455219	2824872	30.727	2.692
50	.00698	.03436	90006	3092	442895	2369653	26.328	2.692
55	.01142	.05564	86914	4836	423356	1926757	22.169	2.681
60	.01865	.08935	82078	7333	393225	1503402	18.317	2.659
65	.02952	.13793	74745	10310	349248	1110177	14.853	2.626
70	.04583	.20629	64435	13293	290066	760929	11.809	2.584
75	.06996	.29829	51143	15255	218051	470864	9.207	2.531
80	.10714	.42087	35887	15104	140979	252813	7.045	2.454
85	.18584	******	20784	20784	111834	111834	5.381	5.381

AGE	M(X)	Q(X)	I(X)	D(X)	L(X)	T(X)	E(X)	A(X)
0	.02841	.02771	100000	2771	97567	7199998	72.000	0.122
1	.00151	.00600	97229	584	387496	7102431	73.049	1.569
5	.00043	.00217	96645	210	482701	6714935	69.480	2.500
10	.00033	.00165	96435	159	481779	6232234	64.626	2.500
15	.00054	.00270	96276	260	480779	5750455	59.729	2.679
20	.00078	.00391	96017	375	479187	5269676	54.883	2.612
25	.00093	.00464	95641	444	477128	4790489	50.088	2.570
30	.00111	.00552	95197	526	474728	4313362	45.310	2.607
35	.00157	.00783	94672	741	471621	3838633	40.547	2.657
40	.00240	.01191	93930	1119	467057	3367013	35.846	2.682
45	.00385	.01910	92811	1773	459977	2899955	31.246	2.698
50	.00645	.03176	91039	2891	448542	2439978	26.801	2.699
55	.01068	.05211	88148	4594	430114	1991436	22.592	2.687
60	.01761	.08455	83554	7065	401270	1561321	18.686	2.664
65	.02803	.13141	76489	10052	358637	1160051	15.166	2.631
70	.04374	.19785	66438	13145	300524	801415	12.063	2.591
75	.06722	.28840	53293	15369	228657	500891	9.399	2.540
80	.10385	.41101	37923	15587	150085	272233	7.179	2.464
85	.18286	******	22336	22336	122148	122148	5.469	5.469

AGE	M(X)	Q(X)	I(X)	D(X)	L(X)	T(X)	E(X)	A(X)
0	.02534	.02478	100000	2478	97804	7300000	73.000	0.114
1	.00126	.00504	97522	492	388896	7202196	73.852	1.578
5	.00037	.00185	97030	179	484702	6813300	70.219	2.500
10	.00028	.00142	96851	138	483910	6328598	65.344	2.500
15	.00047	.00235	96713	227	483040	5844688	60.433	2.681
20	.00068	.00340	96486	328	481648	5361648	55.569	2.613
25	.00081	.00406	96158	390	479843	4880001	50.750	2.571
30	.00097	.00483	95768	462	477735	4400158	45.946	2.609
35	.00139	.00691	95306	658	474990	3922423	41.156	2.662
40	.00214	.01063	94648	1006	470910	3447433	36.424	2.688
45	.00349	.01730	93641	1620	464488	2976522	31.787	2.705
50	.00592	.02921	92021	2688	453940	2512034	27.298	2.706
55	.00994	.04860	89333	4342	436653	2058094	23.038	2.694
60	.01656	.07972	84992	6776	409169	1621441	19.078	2.670
65	.02652	.12478	78216	9760	368013	1212272	15.499	2.637
70	.04162	.18918	68456	12951	311173	844258	12.333	2.598
75	.06440	.27812	55505	15437	239696	533086	9.604	2.549
80	.10046	.40063	40068	16053	159797	293390	7.322	2.474
85	.17977	******	24016	24016	133593	133593	5.563	5.563

AGE	M(X)	Q(X)	I(X)	D(X)	L(X)	T(X)	E(X)	A(X)
0	.02244	.02200	100000	2200	98033	7399999	74.000	0.106
1	.00105	.00419	97800	410	390212	7301966	74.662	1.587
5	.00031	.00155	97390	151	486574	6911754	70.969	2.500
10	.00024	.00122	97239	118	485901	6425180	66.076	2.500
15	.00040	.00202	97121	196	485150	5939279	61.153	2.683
20	.00059	.00294	96925	285	483945	5454129	56.272	2.614
25	.00070	.00351	96640	340	482376	4970184	51.430	2.572
30	.00084	.00418	96301	402	480541	4487808	46.602	2.611
35	.00121	.00604	95898	580	478139	4007267	41.787	2.667
40	.00189	.00943	95318	898	474521	3529128	37.025	2.694
45	.00314	.01557	94420	1470	468737	3054608	32.351	2.712
50	.00541	.02671	92950	2483	459073	2585870	27.820	2.713
55	.00922	.04512	90467	4082	442948	2126798	23.509	2.700
60	.01551	.07486	86385	6467	416894	1683850	19.492	2.676
65	.02500	.11805	79918	9435	377347	1266956	15.853	2.642
70	.03947	.18029	70483	12707	321987	889609	12.622	2.605
75	.06152	.26744	57776	15451	251164	567622	9.825	2.559
80	.09694	.38969	42325	16494	170146	316457	7.477	2.485
85	.17655	******	25831	25831	146311	146311	5.664	5.664

AGE	M(X)	Q(X)	I(X)	D(X)	L(X)	T(X)	E(X)	A(X)
0	.01971	.01937	100000	1937	98254	7499996	75.000	0.098
1	.00086	.00344	98063	337	391442	7401742	75.479	1.595
5	.00026	.00129	97726	126	488315	7010300	71.734	2.500
10	.00021	.00103	97600	100	487748	6521985	66.824	2.500
15	.00035	.00172	97499	168	487108	6034237	61.890	2.685
20	.00050	.00251	97331	244	486074	5547129	56.992	2.615
25	.00060	.00302	97087	293	484724	5061056	52.129	2.573
30	.00072	.00358	96794	347	483143	4576331	47.279	2.614
35	.00105	.00524	96447	506	481060	4093188	42.440	2.673
40	.00166	.00829	95942	795	477880	3612128	37.649	2.701
45	.00280	.01391	95146	1324	472714	3134249	32.941	2.720
50	.00491	.02429	93823	2279	463922	2661534	28.368	2.721
55	.00850	.04167	91544	3815	448975	2197613	24.006	2.707
60	.01447	.06999	87730	6140	424412	1748638	19.932	2.682
65	.02347	.11123	81589	9075	386605	1324226	16.230	2.648
70	.03728	.17118	72514	12413	332939	937621	12.930	2.613
75	.05857	.25635	60101	15407	263054	604682	10.061	2.569
80	.09330	.37816	44695	16902	181163	341628	7.644	2.497
85	.17320	******	27793	27793	160465	160465	5.774	5.774

AGE	M(X)	Q(X)	I(X)	D(X)	L(X)	T(X)	E(X)	A(X)
0	.18419	.16449	100000	16449	89308	3500000	35.000	0.350
1	.04427	.15856	83551	13248	299241	3410692	40.822	1.361
5	.01077	.05244	70303	3687	342295	3111451	44.258	2.500
10	.00631	.03107	66616	2070	327904	2769156	41.569	2.500
15	.01007	.04917	64546	3174	315253	2441251	37.822	2.644
20	.01393	.06735	61372	4134	296765	2125998	34.641	2.558
25	.01525	.07348	57239	4206	275710	1829233	31.958	2.507
30	.01682	.08069	53033	4279	254438	1553523	29.294	2.493
35	.01748	.08369	48754	4080	233473	1299085	26.646	2.477
40	.01791	.08569	44674	3828	213774	1065612	23.853	2.494
45	.02030	.09667	40845	3948	194485	851837	20.855	2.533
50	.02567	.12076	36897	4456	173599	657352	17.816	2.557
55	.03447	.15897	32441	5157	149602	483754	14.912	2.556
60	.04738	.21214	27284	5788	122163	334152	12.247	2.537
65	.06601	.28340	21496	6092	92292	211989	9.862	2.507
70	.09471	.38157	15404	5878	62060	119697	7.771	2.455
75	.13694	.50256	9526	4788	34961	57638	6.050	2.353
80	.18423	.61176	4739	2899	15735	22677	4.785	2.255
85	.26504	******	1840	1840	6941	6941	3.773	3.773

AGE	M(X)	Q(X)	I(X)	D(X)	L(X)	T(X)	E(X)	A(X)
0	.17894	.16030	100000	16030	89581	3600000	36.000	0.350
1	.04212	.15163	83970	12732	302281	3510419	41.806	1.361
5	.01022	.04985	71238	3551	347313	3208138	45.034	2.500
10	.00600	.02953	67687	1999	333438	2860825	42.265	2.500
15	.00955	.04668	65688	3067	321217	2527387	38.476	2.645
20	.01321	.06398	62621	4006	303330	2206170	35.230	2.560
25	.01451	.07002	58615	4104	282857	1902840	32.463	2.510
30	.01605	.07713	54511	4204	262028	1619983	29.719	2.497
35	.01676	.08039	50306	4044	241342	1357955	26.994	2.481
40	.01728	.08281	46262	3831	221724	1116612	24.137	2.498
45	.01969	.09387	42431	3983	202341	894888	21.090	2.536
50	.02498	.11771	38448	4526	181197	692548	18.013	2.560
55	.03364	.15545	33923	5273	156740	511351	15.074	2.559
60	.04638	.20814	28649	5963	128577	354611	12.378	2.540
65	.06482	.27907	22686	6331	97669	226035	9.964	2.510
70	.09323	.37688	16355	6164	66111	128366	7.849	2.459
75	.13504	.49768	10191	5072	37558	62255	6.109	2.358
80	.18229	.60784	5119	3112	17070	24697	4.824	2.260
85	.26322	******	2008	2008	7627	7627	3.799	3.799

United Nations Model Life Tables — Females

AGE	M(X)	Q(X)	I(X)	D(X)	L(X)	T(X)	E(X)	A(X)
0	.17381	.15617	100000	15617	89849	3700000	37.000	0.350
1	.04006	.14491	84383	12228	305263	3610151	42.783	1.361
5	.00970	.04736	72155	3418	352233	3304888	45.802	2.500
10	.00569	.02807	68738	1929	338866	2952655	42.955	2.500
15	.00905	.04431	66809	2960	327073	2613789	39.124	2.645
20	.01252	.06075	63848	3879	309785	2286716	35.815	2.562
25	.01380	.06670	59970	4000	289902	1976931	32.965	2.513
30	.01530	.07370	55970	4125	269537	1687029	30.142	2.500
35	.01606	.07720	51845	4003	249157	1417491	27.341	2.484
40	.01667	.08000	47843	3827	229649	1168335	24.420	2.501
45	.01908	.09114	44015	4011	210204	938686	21.326	2.539
50	.02430	.11471	40004	4589	188834	728482	18.210	2.562
55	.03283	.15199	35415	5383	163952	539648	15.238	2.562
60	.04539	.20418	30033	6132	135099	375695	12.510	2.543
65	.06365	.27476	23901	6567	103178	240596	10.067	2.514
70	.09177	.37219	17334	6451	70299	137418	7.928	2.463
75	.13315	.49277	10882	5362	40273	67120	6.168	2.363
80	.18035	.60389	5520	3333	18483	26847	4.864	2.265
85	.26140	******	2186	2186	8364	8364	3.826	3.826

AGE	M(X)	Q(X)	I(X)	D(X)	L(X)	T(X)	E(X)	A(X)
0	.16879	.15211	100000	15211	90113	3800000	38.000	0.350
1	.03808	.13840	84789	11735	308190	3709887	43.754	1.361
5	.00920	.04498	73055	3286	357058	3401697	46.564	2.500
10	.00540	.02666	69769	1860	344192	3044638	43.639	2.500
15	.00858	.04203	67908	2854	332822	2700447	39.766	2.646
20	.01186	.05765	65054	3750	316133	2367625	36.395	2.564
25	.01311	.06350	61304	3893	296847	2051492	33.464	2.516
30	.01459	.07039	57411	4041	276963	1754645	30.563	2.503
35	.01540	.07411	53370	3955	256913	1477682	27.688	2.488
40	.01607	.07726	49414	3818	237545	1220769	24.705	2.505
45	.01850	.08845	45597	4033	218069	983224	21.563	2.542
50	.02364	.11175	41563	4645	196508	765155	18.409	2.565
55	.03203	.14856	36919	5485	171236	568647	15.403	2.565
60	.04441	.20025	31434	6295	141726	397411	12.643	2.547
65	.06248	.27046	25139	6799	108818	255685	10.171	2.518
70	.09032	.36749	18340	6740	74624	146867	8.008	2.467
75	.13127	.48783	11600	5659	43109	72243	6.228	2.368
80	.17842	.59990	5941	3564	19977	29134	4.904	2.270
85	.25958	******	2377	2377	9157	9157	3.852	3.852

AGE	M(X)	Q(X)	I(X)	D(X)	L(X)	T(X)	E(X)	A(X)
0	.16388	.14810	100000	14810	90374	3900000	39.000	0.350
1	.03618	.13209	85190	11253	311063	3809626	44.719	1.361
5	.00873	.04270	73937	3157	361792	3498563	47.318	2.500
10	.00513	.02532	70780	1792	349419	3136771	44.317	2.500
15	.00812	.03985	68988	2749	338468	2787352	40.404	2.646
20	.01124	.05468	66238	3622	322375	2448884	36.971	2.566
25	.01246	.06043	62616	3784	303692	2126510	33.961	2.518
30	.01390	.06719	58832	3953	284304	1822818	30.983	2.506
35	.01475	.07112	54879	3903	264608	1538514	28.034	2.492
40	.01549	.07459	50977	3802	245409	1273906	24.990	2.508
45	.01792	.08583	47174	4049	225932	1028497	21.802	2.545
50	.02299	.10885	43126	4694	204211	802565	18.610	2.568
55	.03124	.14518	38431	5579	178586	598353	15.569	2.568
60	.04345	.19636	32852	6451	148456	419768	12.778	2.550
65	.06133	.26618	26401	7027	114588	271312	10.276	2.521
70	.08887	.36279	19374	7029	79090	156724	8.089	2.470
75	.12939	.48286	12345	5961	46069	77634	6.289	2.373
80	.17648	.59586	6384	3804	21556	31565	4.944	2.275
85	.25777	******	2580	2580	10010	10010	3.880	3.880

AGE	M(X)	Q(X)	I(X)	D(X)	L(X)	T(X)	E(X)	A(X)
0	.15905	.14415	100000	14415	90630	4000000	40.000	0.350
1	.03435	.12598	85585	10782	313886	3909370	45.678	1.361
5	.00827	.04051	74803	3030	366437	3595484	48.066	2.500
10	.00486	.02403	71772	1725	354550	3229047	44.990	2.500
15	.00769	.03777	70048	2645	344013	2874497	41.036	2.647
20	.01064	.05183	67402	3494	328512	2530484	37.543	2.568
25	.01183	.05747	63908	3673	310437	2201972	34.455	2.521
30	.01324	.06411	60235	3862	291559	1891536	31.402	2.509
35	.01412	.06821	56374	3845	272239	1599977	28.382	2.496
40	.01493	.07198	52529	3781	253236	1327738	25.276	2.512
45	.01736	.08325	48748	4058	233788	1074502	22.042	2.548
50	.02235	.10599	44690	4736	211941	840714	18.812	2.571
55	.03047	.14183	39953	5667	185998	628772	15.738	2.570
60	.04250	.19248	34286	6600	155285	442774	12.914	2.553
65	.06018	.26190	27687	7251	120487	287489	10.384	2.525
70	.08743	.35808	20436	7317	83696	167002	8.172	2.474
75	.12752	.47785	13118	6268	49157	83306	6.350	2.378
80	.17454	.59178	6850	4054	23224	34149	4.986	2.280
85	.25595	******	2796	2796	10925	10925	3.907	3.907

AGE	M(X)	Q(X)	I(X)	D(X)	L(X)	T(X)	E(X)	A(X)
0	.15432	.14025	100000	14025	90884	4100000	41.000	0.350
1	.03260	.12006	85975	10322	316658	4009116	46.631	1.361
5	.00783	.03841	75652	2906	370997	3692458	48.808	2.500
10	.00461	.02280	72746	1658	359586	3321461	45.658	2.500
15	.00728	.03577	71088	2543	349459	2961875	41.665	2.647
20	.01006	.04910	68546	3366	334547	2612416	38.112	2.569
25	.01123	.05462	65180	3560	317082	2277869	34.948	2.524
30	.01261	.06113	61619	3767	298726	1960787	31.821	2.512
35	.01352	.06538	57853	3783	279803	1662061	28.729	2.499
40	.01438	.06943	54070	3754	261023	1382258	25.564	2.515
45	.01681	.08072	50316	4061	241632	1121235	22.284	2.551
50	.02172	.10317	46254	4772	219693	879602	19.017	2.573
55	.02970	.13852	41483	5746	193469	659910	15.908	2.573
60	.04156	.18863	35736	6741	162211	466441	13.052	2.557
65	.05905	.25763	28995	7470	126514	304230	10.492	2.528
70	.08599	.35334	21525	7606	88446	177716	8.256	2.478
75	.12565	.47280	13919	6581	52377	89270	6.413	2.383
80	.17259	.58765	7338	4312	24986	36894	5.028	2.286
85	.25412	******	3026	3026	11908	11908	3.935	3.935

AGE	M(X)	Q(X)	I(X)	D(X)	L(X)	T(X)	E(X)	A(X)
0	.14967	.13640	100000	13640	91134	4200000	42.000	0.350
1	.03091	.11433	86360	9873	319383	4108866	47.578	1.361
5	.00741	.03640	76486	2784	375473	3789483	49.544	2.500
10	.00437	.02161	73703	1593	364532	3414010	46.321	2.500
15	.00688	.03385	72110	2441	354808	3049478	42.289	2.648
20	.00951	.04648	69669	3238	340480	2694670	38.678	2.571
25	.01065	.05188	66431	3447	323627	2354190	35.438	2.526
30	.01200	.05825	62984	3669	305805	2030562	32.239	2.515
35	.01293	.06264	59315	3715	287298	1724757	29.078	2.503
40	.01385	.06694	55600	3722	268764	1437459	25.854	2.519
45	.01627	.07823	51878	4059	249461	1168695	22.528	2.554
50	.02110	.10038	47819	4800	227461	919234	19.223	2.576
55	.02895	.13524	43019	5818	200994	691773	16.081	2.576
60	.04062	.18480	37201	6875	169230	490779	13.193	2.560
65	.05791	.25336	30326	7684	132669	321549	10.603	2.532
70	.08456	.34859	22643	7893	93340	188880	8.342	2.482
75	.12378	.46770	14750	6898	55732	95541	6.477	2.388
80	.17064	.58346	7851	4581	26846	39808	5.070	2.291
85	.25229	******	3270	3270	12963	12963	3.964	3.964

AGE	M(X)	Q(X)	I(X)	D(X)	L(X)	T(X)	E(X)	A(X)
0	.14511	.13260	100000	13260	91381	4300000	43.000	0.350
1	.02929	.10877	86740	9435	322062	4208619	48.520	1.361
5	.00701	.03446	77305	2664	379868	3886557	50.275	2.500
10	.00414	.02047	74642	1528	369388	3506689	46.980	2.500
15	.00650	.03201	73114	2341	360063	3137301	42.910	2.648
20	.00898	.04397	70773	3112	346313	2777238	39.241	2.573
25	.01009	.04924	67661	3332	330073	2430925	35.928	2.529
30	.01141	.05547	64330	3568	312793	2100852	32.658	2.518
35	.01236	.05997	60761	3644	294720	1788059	29.428	2.507
40	.01333	.06451	57117	3684	276458	1493338	26.145	2.523
45	.01574	.07579	53433	4050	257270	1216880	22.774	2.557
50	.02050	.09763	49383	4821	235241	959611	19.432	2.579
55	.02820	.13199	44562	5881	208569	724370	16.255	2.579
60	.03970	.18099	38680	7001	176340	515801	13.335	2.563
65	.05679	.24909	31679	7891	138950	339460	10.716	2.536
70	.08313	.34381	23788	8179	98380	200510	8.429	2.486
75	.12190	.46255	15610	7220	59228	102130	6.543	2.393
80	.16868	.57921	8389	4859	28807	42902	5.114	2.296
85	.25045	******	3530	3530	14095	14095	3.993	3.993

AGE	M(X)	Q(X)	I(X)	D(X)	L(X)	T(X)	E(X)	A(X)
0	.14062	.12884	100000	12884	91625	4400000	44.000	0.350
1	.02774	.10338	87116	9006	324697	4308375	49.456	1.361
5	.00663	.03260	78110	2546	384183	3983678	51.001	2.500
10	.00391	.01938	75563	1464	374156	3599495	47.635	2.500
15	.00614	.03025	74099	2241	365224	3225339	43.527	2.648
20	.00848	.04155	71858	2986	352047	2860114	39.803	2.575
25	.00956	.04670	68872	3216	336419	2508067	36.416	2.531
30	.01084	.05278	65656	3465	319690	2171648	33.076	2.522
35	.01181	.05738	62190	3569	302068	1851958	29.779	2.510
40	.01282	.06213	58622	3642	284099	1549890	26.439	2.526
45	.01522	.07339	54980	4035	265053	1265791	23.023	2.560
50	.01990	.09492	50945	4836	243029	1000738	19.644	2.581
55	.02746	.12876	46109	5937	216190	757708	16.433	2.582
60	.03878	.17719	40172	7118	183538	541519	13.480	2.566
65	.05567	.24481	33054	8092	145358	357980	10.830	2.539
70	.08171	.33901	24962	8462	103568	212623	8.518	2.490
75	.12003	.45734	16500	7546	62868	109055	6.610	2.399
80	.16671	.57490	8954	5147	30877	46187	5.158	2.301
85	.24861	******	3806	3806	15310	15310	4.022	4.022

AGE	M(X)	Q(X)	I(X)	D(X)	L(X)	T(X)	E(X)	A(X)
0	.13620	.12512	100000	12512	91867	4500003	45.000	0.350
1	.02624	.09816	87488	8588	327288	4408136	50.386	1.361
5	.00626	.03082	78900	2431	388421	4080848	51.722	2.500
10	.00370	.01833	76469	1402	378839	3692427	48.287	2.500
15	.00579	.02856	75067	2144	370294	3313588	44.142	2.649
20	.00800	.03923	72923	2861	357682	2943294	40.362	2.576
25	.00905	.04425	70062	3100	342666	2585612	36.904	2.534
30	.01029	.05018	66962	3360	326494	2242946	33.496	2.525
35	.01128	.05486	63602	3489	309337	1916452	30.132	2.514
40	.01232	.05980	60113	3595	291685	1607115	26.735	2.530
45	.01471	.07102	56518	4014	272808	1315430	23.274	2.563
50	.01931	.09224	52504	4843	250821	1042622	19.858	2.584
55	.02673	.12556	47661	5984	223853	791800	16.613	2.585
60	.03787	.17341	41677	7227	190822	567948	13.627	2.570
65	.05455	.24053	34450	8286	151890	377126	10.947	2.543
70	.08028	.33417	26164	8743	108907	225236	8.609	2.494
75	.11815	.45207	17421	7875	66656	116330	6.678	2.404
80	.16473	.57051	9545	5446	33059	49674	5.204	2.307
85	.24675	******	4100	4100	16615	16615	4.053	4.053

AGE	M(X)	Q(X)	I(X)	D(X)	L(X)	T(X)	E(X)	A(X)
0	.13185	.12144	100000	12144	92106	4600000	46.000	0.350
1	.02480	.09311	87856	8180	329837	4507894	51.310	1.361
5	.00591	.02910	79676	2319	392583	4178057	52.438	2.500
10	.00349	.01732	77357	1340	383437	3785474	48.935	2.500
15	.00546	.02694	76018	2048	375273	3402037	44.753	2.649
20	.00754	.03701	73970	2737	363220	3026763	40.919	2.578
25	.00855	.04188	71233	2984	348812	2663544	37.392	2.536
30	.00976	.04766	68249	3253	333203	2314731	33.916	2.528
35	.01076	.05241	64996	3407	316525	1981528	30.487	2.518
40	.01184	.05752	61590	3542	299210	1665003	27.034	2.533
45	.01421	.06870	58047	3988	280529	1365793	23.529	2.566
50	.01873	.08958	54059	4843	258611	1085264	20.075	2.587
55	.02601	.12238	49217	6023	231553	826653	16.796	2.588
60	.03697	.16963	43194	7327	198186	595100	13.777	2.573
65	.05344	.23623	35867	8473	158546	396914	11.066	2.546
70	.07885	.32929	27394	9021	114397	238369	8.702	2.498
75	.11626	.44673	18373	8208	70598	123972	6.747	2.409
80	.16273	.56605	10165	5754	35360	53374	5.251	2.312
85	.24487	******	4411	4411	18015	18015	4.084	4.084

AGE	M(X)	Q(X)	I(X)	D(X)	L(X)	T(X)	E(X)	A(X)
0	.12757	.11780	100000	11780	92343	4699999	47.000	0.350
1	.02342	.08821	88220	7782	332344	4607656	52.229	1.361
5	.00557	.02745	80438	2208	396671	4275312	53.150	2.500
10	.00330	.01635	78230	1279	387953	3878641	49.580	2.500
15	.00514	.02538	76951	1953	380163	3490688	45.363	2.649
20	.00709	.03487	74998	2615	368661	3110525	41.475	2.580
25	.00808	.03961	72383	2867	354858	2741864	37.880	2.539
30	.00925	.04523	69516	3144	339816	2387006	34.337	2.531
35	.01026	.05003	66372	3321	323630	2047190	30.844	2.521
40	.01137	.05528	63051	3486	306671	1723560	27.336	2.537
45	.01372	.06640	59566	3955	288213	1416889	23.787	2.569
50	.01815	.08696	55610	4836	266395	1128676	20.296	2.590
55	.02530	.11922	50774	6053	239286	862281	16.983	2.590
60	.03607	.16586	44721	7417	205629	622995	13.931	2.576
65	.05233	.23192	37304	8652	165324	417366	11.188	2.550
70	.07742	.32437	28652	9294	120041	252041	8.797	2.502
75	.11437	.44131	19358	8543	74698	132000	6.819	2.414
80	.16072	.56150	10815	6073	37785	57302	5.298	2.317
85	.24299	******	4742	4742	19517	19517	4.115	4.115

AGE	M(X)	Q(X)	I(X)	D(X)	L(X)	T(X)	E(X)	A(X)
0	.12334	.11419	100000	11419	92578	4800000	48.000	0.350
1	.02208	.08347	88581	7394	334812	4707422	53.143	1.361
5	.00524	.02587	81187	2100	400686	4372610	53.858	2.500
10	.00311	.01542	79087	1220	392386	3971924	50.222	2.500
15	.00483	.02389	77867	1860	384965	3579538	45.970	2.649
20	.00667	.03282	76008	2494	374005	3194573	42.030	2.581
25	.00762	.03741	73513	2750	360804	2820568	38.368	2.541
30	.00876	.04288	70763	3034	346332	2459764	34.761	2.534
35	.00977	.04771	67729	3231	330648	2113433	31.204	2.525
40	.01090	.05310	64498	3425	314066	1782785	27.641	2.541
45	.01324	.06415	61073	3918	295853	1468719	24.049	2.572
50	.01759	.08436	57155	4822	274168	1172866	20.521	2.592
55	.02459	.11608	52334	6075	247049	898697	17.172	2.593
60	.03518	.16209	46259	7498	213148	651648	14.087	2.580
65	.05122	.22759	38761	8822	172225	438501	11.313	2.554
70	.07599	.31941	29939	9563	125842	266276	8.894	2.506
75	.11247	.43582	20376	8880	78962	140434	6.892	2.419
80	.15869	.55687	11496	6402	40341	61471	5.347	2.323
85	.24108	******	5094	5094	21131	21131	4.148	4.148

AGE	M(X)	Q(X)	I(X)	D(X)	L(X)	T(X)	E(X)	A(X)
0	.11918	.11061	100000	11061	92810	4900000	49.000	0.350
1	.02080	.07888	88939	7015	337241	4807190	54.051	1.361
5	.00493	.02435	81923	1995	404629	4469949	54.563	2.500
10	.00293	.01453	79929	1161	396740	4065320	50.862	2.500
15	.00454	.02245	78767	1769	389679	3668581	46.575	2.649
20	.00626	.03085	76999	2375	379253	3278902	42.584	2.583
25	.00718	.03530	74624	2634	366648	2899649	38.857	2.543
30	.00829	.04060	71990	2923	352748	2533001	35.186	2.536
35	.00930	.04545	69067	3139	337577	2180253	31.567	2.529
40	.01045	.05095	65927	3359	321388	1842676	27.950	2.544
45	.01277	.06192	62568	3874	303447	1521288	24.314	2.575
50	.01703	.08179	58694	4800	281926	1217841	20.749	2.595
55	.02389	.11295	53894	6087	254836	935915	17.366	2.596
60	.03429	.15832	47806	7569	220738	681079	14.247	2.583
65	.05011	.22324	40238	8983	179247	460341	11.441	2.557
70	.07456	.31440	31255	9827	131801	281095	8.994	2.510
75	.11055	.43025	21428	9219	83395	149293	6.967	2.424
80	.15664	.55214	12209	6741	43035	65898	5.398	2.328
85	.23915	******	5468	5468	22863	22863	4.181	4.181

AGE	M(X)	Q(X)	I(X)	D(X)	L(X)	T(X)	E(X)	A(X)
0	.11508	.10707	100000	10707	93040	5000000	50.000	0.350
1	.01957	.07444	89293	6647	339631	4906960	54.953	1.361
5	.00463	.02289	82646	1892	408501	4567329	55.264	2.500
10	.00275	.01367	80755	1104	401013	4158828	51.500	2.500
15	.00426	.02108	79651	1679	394307	3757815	47.179	2.649
20	.00587	.02896	77972	2258	384405	3363508	43.137	2.584
25	.00676	.03326	75714	2518	372390	2979103	39.347	2.546
30	.00783	.03840	73196	2811	359063	2606713	35.613	2.539
35	.00884	.04326	70385	3045	344413	2247650	31.934	2.533
40	.01001	.04885	67340	3290	328635	1903237	28.263	2.548
45	.01230	.05972	64051	3825	310989	1574602	24.584	2.578
50	.01647	.07924	60225	4772	289663	1263613	20.981	2.598
55	.02319	.10984	55453	6091	262642	973949	17.563	2.599
60	.03340	.15456	49362	7629	228397	711307	14.410	2.586
65	.04901	.21887	41733	9134	186388	482910	11.571	2.561
70	.07311	.30933	32599	10084	137921	296523	9.096	2.514
75	.10862	.42458	22515	9559	88004	158602	7.044	2.430
80	.15457	.54731	12956	7091	45874	70598	5.449	2.334
85	.23721	******	5865	5865	24725	24725	4.216	4.216

AGE	M(X)	Q(X)	I(X)	D(X)	L(X)	T(X)	E(X)	A(X)
0	.11103	.10356	100000	10356	93269	5100000	51.000	0.350
1	.01839	.07015	89644	6288	341983	5006731	55.851	1.361
5	.00434	.02148	83356	1791	412304	4664749	55.962	2.500
10	.00259	.01284	81565	1048	405208	4252445	52.135	2.500
15	.00399	.01976	80518	1591	398848	3847237	47.781	2.649
20	.00550	.02714	78927	2142	389461	3448389	43.691	2.586
25	.00636	.03130	76784	2403	378029	3058928	39.838	2.548
30	.00739	.03627	74381	2698	365275	2680899	36.043	2.543
35	.00839	.04112	71683	2948	351154	2315624	32.304	2.537
40	.00958	.04679	68735	3216	335803	1964470	28.580	2.552
45	.01184	.05756	65519	3771	318475	1628667	24.858	2.581
50	.01593	.07671	61748	4737	297375	1310192	21.218	2.601
55	.02250	.10674	57011	6086	270463	1012817	17.765	2.602
60	.03252	.15079	50926	7679	236120	742354	14.577	2.590
65	.04790	.21447	43247	9275	193647	506233	11.706	2.565
70	.07167	.30421	33972	10335	144203	312586	9.201	2.518
75	.10668	.41881	23637	9900	92793	168384	7.124	2.435
80	.15247	.54236	13737	7451	48866	75591	5.503	2.340
85	.23524	******	6287	6287	26725	26725	4.251	4.251

AGE	M(X)	Q(X)	I(X)	D(X)	L(X)	T(X)	E(X)	A(X)
0	.10703	.10007	100000	10007	93495	5200001	52.000	0.350
1	.01725	.06600	89993	5939	344298	5106506	56.743	1.361
5	.00407	.02014	84054	1693	416037	4762208	56.657	2.500
10	.00242	.01205	82361	993	409324	4346171	52.770	2.500
15	.00373	.01850	81368	1505	403304	3936847	48.383	2.649
20	.00514	.02540	79863	2029	394422	3533543	44.245	2.587
25	.00597	.02941	77835	2289	383565	3139122	40.331	2.551
30	.00696	.03421	75545	2585	371382	2755557	36.476	2.546
35	.00796	.03904	72961	2849	357797	2384174	32.678	2.541
40	.00915	.04477	70112	3139	342887	2026378	28.902	2.556
45	.01139	.05542	66973	3712	325899	1683491	25.137	2.584
50	.01539	.07420	63261	4694	305056	1357592	21.460	2.603
55	.02181	.10366	58567	6071	278294	1052536	17.971	2.605
60	.03164	.14702	52496	7718	243904	774241	14.749	2.593
65	.04679	.21004	44778	9405	201023	530337	11.844	2.569
70	.07021	.29902	35373	10577	150649	329314	9.310	2.522
75	.10473	.41295	24796	10239	97770	178665	7.206	2.440
80	.15035	.53731	14556	7821	52019	80895	5.557	2.345
85	.23324	******	6735	6735	28876	28876	4.287	4.287

AGE	M(X)	Q(X)	I(X)	D(X)	L(X)	T(X)	E(X)	A(X)
0	.10319	.09661	100000	9661	93622	5300002	53.000	0.340
1	.01616	.06198	90339	5600	346610	5206380	57.632	1.367
5	.00380	.01885	84739	1597	419704	4859769	57.350	2.500
10	.00227	.01129	83142	939	413365	4440066	53.403	2.500
15	.00349	.01729	82204	1421	407677	4026701	48.985	2.649
20	.00480	.02374	80783	1917	399289	3619024	44.800	2.589
25	.00559	.02759	78865	2176	389000	3219735	40.826	2.553
30	.00655	.03222	76689	2471	377387	2830735	36.912	2.549
35	.00754	.03702	74218	2747	364342	2453348	33.056	2.544
40	.00874	.04279	71470	3058	349887	2089006	29.229	2.559
45	.01094	.05331	68412	3647	333262	1739119	25.421	2.588
50	.01485	.07171	64765	4645	312706	1405858	21.707	2.606
55	.02113	.10058	60120	6047	286135	1093152	18.183	2.608
60	.03077	.14324	54073	7745	251750	807016	14.924	2.596
65	.04568	.20558	46328	9524	208518	555266	11.986	2.572
70	.06875	.29377	36804	10812	157267	346748	9.422	2.526
75	.10275	.40697	25992	10578	102944	189480	7.290	2.446
80	.14820	.53212	15414	8202	55345	86536	5.614	2.351
85	.23122	******	7212	7212	31191	31191	4.325	4.325

AGE	M(X)	Q(X)	I(X)	D(X)	L(X)	T(X)	E(X)	A(X)
0	.09939	.09318	100000	9318	93753	5400003	54.000	0.330
1	.01510	.05811	90682	5270	348881	5306251	58.515	1.372
5	.00355	.01761	85412	1504	423302	4957369	58.040	2.500
10	.00212	.01056	83909	886	417328	4534067	54.036	2.500
15	.00325	.01613	83023	1339	411964	4116739	49.586	2.649
20	.00448	.02214	81684	1808	404060	3704775	45.355	2.590
25	.00523	.02584	79875	2064	394330	3300715	41.323	2.555
30	.00615	.03030	77811	2358	383282	2906385	37.352	2.552
35	.00713	.03505	75453	2645	370782	2523104	33.439	2.548
40	.00834	.04085	72808	2974	356795	2152322	29.561	2.563
45	.01051	.05123	69834	3578	340553	1795527	25.711	2.591
50	.01432	.06925	66257	4588	320314	1454974	21.960	2.609
55	.02046	.09751	61669	6014	293975	1134660	18.399	2.611
60	.02989	.13945	55655	7761	259649	840684	15.105	2.600
65	.04456	.20108	47894	9631	216127	581036	12.132	2.576
70	.06727	.28844	38263	11037	164055	364908	9.537	2.530
75	.10076	.40087	27227	10914	108319	200854	7.377	2.452
80	.14602	.52680	16312	8593	58852	92535	5.673	2.357
85	.22917	******	7719	7719	33683	33683	4.364	4.364

AGE	M(X)	Q(X)	I(X)	D(X)	L(X)	T(X)	E(X)	A(X)
0	.09562	.08977	100000	8977	93889	5500006	55.000	0.319
1	.01410	.05438	91023	4950	351112	5406116	59.393	1.378
5	.00331	.01642	86073	1413	426833	5055004	58.729	2.500
10	.00198	.00986	84660	835	421213	4628172	54.668	2.500
15	.00302	.01502	83825	1259	416166	4206958	50.187	2.648
20	.00416	.02061	82566	1702	408734	3790792	45.912	2.591
25	.00489	.02416	80865	1954	399552	3382059	41.824	2.558
30	.00577	.02845	78911	2245	389066	2982506	37.796	2.555
35	.00674	.03314	76666	2541	377113	2593441	33.828	2.552
40	.00794	.03894	74126	2887	363606	2216328	29.900	2.567
45	.01007	.04917	71239	3503	347767	1852722	26.007	2.594
50	.01380	.06680	67736	4524	327874	1504955	22.218	2.612
55	.01978	.09446	63211	5971	301809	1177081	18.621	2.614
60	.02902	.13565	57241	7765	267594	875272	15.291	2.603
65	.04344	.19654	49476	9724	223847	607678	12.282	2.580
70	.06579	.28304	39752	11251	171013	383831	9.656	2.534
75	.09875	.39465	28500	11248	113902	212818	7.467	2.457
80	.14380	.52134	17253	8995	62549	98916	5.733	2.363
85	.22708	******	8258	8258	36367	36367	4.404	4.404

AGE	M(X)	Q(X)	I(X)	D(X)	L(X)	T(X)	E(X)	A(X)
0	.09188	.08639	100000	8639	94032	5600010	56.000	0.309
1	.01313	.05078	91361	4639	353304	5505978	60.266	1.383
5	.00308	.01528	86722	1325	430295	5152674	59.416	2.500
10	.00185	.00919	85396	785	425021	4722379	55.299	2.500
15	.00281	.01396	84612	1181	420282	4297358	50.789	2.648
20	.00387	.01915	83431	1598	413310	3877076	46.470	2.593
25	.00456	.02255	81834	1845	404666	3463766	42.327	2.560
30	.00540	.02666	79989	2132	394736	3059100	38.244	2.558
35	.00635	.03128	77856	2435	383332	2664364	34.222	2.557
40	.00755	.03708	75421	2796	370314	2281033	30.244	2.571
45	.00965	.04714	72625	3424	354898	1910718	26.309	2.598
50	.01328	.06436	69201	4454	335381	1555820	22.483	2.615
55	.01911	.09140	64747	5918	309630	1220439	18.849	2.617
60	.02815	.13185	58829	7756	275582	910810	15.482	2.607
65	.04232	.19196	51072	9804	231675	635227	12.438	2.584
70	.06430	.27755	41268	11454	178144	403552	9.779	2.538
75	.09671	.38829	29814	11577	119700	225408	7.560	2.463
80	.14155	.51572	18238	9406	66447	105708	5.796	2.370
85	.22496	******	8832	8832	39261	39261	4.445	4.445

AGE	M(X)	Q(X)	I(X)	D(X)	L(X)	T(X)	E(X)	A(X)
0	.08817	.08304	100000	8304	94180	5700000	57.000	0.299
1	.01221	.04731	91696	4338	355456	5605820	61.135	1.389
5	.00286	.01419	87358	1240	433689	5250364	60.102	2.500
10	.00172	.00854	86118	736	428750	4816675	55.931	2.500
15	.00260	.01294	85382	1105	424311	4387924	51.392	2.648
20	.00358	.01775	84277	1496	417787	3963613	47.031	2.594
25	.00424	.02099	82781	1738	409670	3545826	42.834	2.563
30	.00505	.02493	81043	2020	400288	3136156	38.697	2.561
35	.00598	.02947	79023	2329	389433	2735868	34.621	2.561
40	.00717	.03525	76694	2703	376915	2346435	30.595	2.575
45	.00923	.04514	73991	3340	361940	1969520	26.619	2.601
50	.01277	.06195	70651	4377	342826	1607580	22.754	2.618
55	.01845	.08836	66274	5856	317430	1264753	19.084	2.620
60	.02727	.12803	60418	7735	283606	947323	15.680	2.611
65	.04119	.18734	52683	9870	239607	663717	12.598	2.588
70	.06279	.27198	42813	11644	185449	424110	9.906	2.543
75	.09465	.38180	31169	11900	125721	238660	7.657	2.469
80	.13926	.50994	19269	9826	70558	112939	5.861	2.376
85	.22280	******	9443	9443	42381	42381	4.488	4.488

AGE	M(X)	Q(X)	I(X)	D(X)	L(X)	T(X)	E(X)	A(X)
0	.08450	.07971	100000	7971	94334	5800000	58.000	0.289
1	.01132	.04398	92029	4048	357570	5705666	61.998	1.394
5	.00265	.01315	87981	1157	437015	5348097	60.787	2.500
10	.00159	.00793	86825	688	432402	4911081	56.563	2.500
15	.00241	.01197	86136	1031	428254	4478680	51.995	2.647
20	.00331	.01642	85105	1397	422165	4050425	47.593	2.596
25	.00394	.01951	83708	1633	414563	3628261	43.344	2.565
30	.00471	.02327	82075	1910	405723	3213698	39.156	2.564
35	.00562	.02772	80165	2222	395416	2807975	35.027	2.565
40	.00680	.03346	77943	2608	383405	2412560	30.953	2.580
45	.00881	.04316	75336	3252	368888	2029155	26.935	2.604
50	.01226	.05955	72084	4293	350206	1660266	23.032	2.621
55	.01779	.08532	67791	5784	325206	1310061	19.325	2.623
60	.02640	.12419	62007	7701	291662	984855	15.883	2.614
65	.04006	.18267	54306	9920	247642	693193	12.765	2.592
70	.06127	.26632	44386	11821	192931	445551	10.038	2.547
75	.09257	.37515	32565	12217	131974	252619	7.757	2.475
80	.13693	.50399	20348	10255	74895	120646	5.929	2.382
85	.22060	******	10093	10093	45751	45751	4.533	4.533

AGE	M(X)	Q(X)	I(X)	D(X)	L(X)	T(X)	E(X)	A(X)
0	.08086	.07640	100000	7640	94493	5900000	59.000	0.279
1	.01047	.04078	92360	3767	359644	5805507	62.858	1.400
5	.00245	.01215	88593	1077	440273	5445863	61.471	2.500
10	.00147	.00734	87516	642	435975	5005590	57.196	2.500
15	.00222	.01105	86874	960	432110	4569615	52.601	2.647
20	.00305	.01514	85914	1301	426442	4137505	48.159	2.597
25	.00365	.01808	84613	1530	419342	3711063	43.859	2.568
30	.00438	.02167	83083	1800	411035	3291721	39.620	2.567
35	.00527	.02601	81283	2115	401274	2880686	35.440	2.569
40	.00644	.03170	79168	2510	389778	2479412	31.318	2.584
45	.00841	.04121	76659	3159	375736	2089634	27.259	2.608
50	.01175	.05717	73499	4202	357512	1713898	23.319	2.624
55	.01713	.08229	69297	5702	332948	1356386	19.573	2.626
60	.02553	.12034	63595	7653	299743	1023438	16.093	2.618
65	.03892	.17796	55942	9955	255776	723695	12.937	2.596
70	.05974	.26056	45986	11982	200591	467919	10.175	2.551
75	.09046	.36836	34004	12526	138465	267328	7.862	2.481
80	.13456	.49786	21479	10693	79471	128863	6.000	2.389
85	.21836	******	10785	10785	49392	49392	4.580	4.580

AGE	M(X)	Q(X)	I(X)	D(X)	L(X)	T(X)	E(X)	A(X)
0	.07725	.07312	100000	7312	94657	6000000	60.000	0.269
1	.00966	.03771	92688	3496	361680	5905343	63.712	1.405
5	.00225	.01121	89192	999	443462	5543663	62.154	2.500
10	.00136	.00678	88193	598	439469	5100201	57.830	2.500
15	.00204	.01017	87595	891	435877	4660733	53.208	2.647
20	.00281	.01393	86704	1208	430618	4224856	48.727	2.598
25	.00337	.01672	85496	1429	424006	3794238	44.379	2.570
30	.00406	.02012	84067	1692	416223	3370231	40.090	2.571
35	.00493	.02436	82375	2007	407005	2954008	35.861	2.574
40	.00608	.02998	80368	2409	396028	2547003	31.692	2.588
45	.00801	.03928	77958	3062	382477	2150975	27.591	2.611
50	.01125	.05481	74896	4105	364737	1768499	23.613	2.627
55	.01647	.07926	70791	5611	340651	1403761	19.830	2.629
60	.02466	.11648	65180	7592	307842	1063111	16.310	2.622
65	.03778	.17319	57588	9973	264004	755269	13.115	2.600
70	.05819	.25470	47614	12128	208429	491264	10.318	2.556
75	.08832	.36139	35487	12825	145205	282835	7.970	2.487
80	.13213	.49152	22662	11139	84301	137631	6.073	2.396
85	.21607	******	11523	11523	53330	53330	4.628	4.628

AGE	M(X)	Q(X)	I(X)	D(X)	L(X)	T(X)	E(X)	A(X)
0	.07368	.06987	100000	6987	94827	6100000	61.000	0.260
1	.00889	.03477	93013	3234	363676	6005173	64.563	1.410
5	.00207	.01030	89779	925	446581	5641497	62.838	2.500
10	.00125	.00624	88854	555	442882	5194916	58.466	2.500
15	.00188	.00933	88299	824	439555	4752034	53.817	2.646
20	.00257	.01278	87475	1118	434690	4312478	49.300	2.600
25	.00311	.01541	86357	1331	428554	3877788	44.904	2.573
30	.00376	.01865	85026	1585	421284	3449234	40.567	2.574
35	.00460	.02277	83441	1900	412603	3027951	36.289	2.578
40	.00574	.02830	81541	2307	402150	2615348	32.074	2.593
45	.00761	.03738	79234	2962	389104	2213198	27.933	2.615
50	.01076	.05246	76272	4002	371874	1824094	23.916	2.630
55	.01582	.07624	72270	5510	348305	1452220	20.094	2.632
60	.02379	.11259	66760	7517	315952	1103914	16.535	2.625
65	.03663	.16836	59243	9974	272322	787963	13.300	2.604
70	.05662	.24874	49269	12255	216447	515640	10.466	2.560
75	.08615	.35425	37014	13112	152200	299194	8.083	2.493
80	.12966	.48498	23902	11592	89399	146994	6.150	2.402
85	.21374	******	12310	12310	57594	57594	4.679	4.679

AGE	M(X)	Q(X)	I(X)	D(X)	L(X)	T(X)	E(X)	A(X)
0	.07015	.06664	100000	6664	95001	6200000	62.000	0.250
1	.00816	.03196	93336	2983	365633	6104998	65.409	1.416
5	.00190	.00944	90353	853	449630	5739365	63.522	2.500
10	.00115	.00573	89499	513	446215	5289735	59.104	2.500
15	.00172	.00854	88986	760	443143	4843521	54.430	2.645
20	.00235	.01169	88226	1031	438658	4400378	49.876	2.601
25	.00285	.01417	87195	1235	432981	3961719	45.435	2.575
30	.00347	.01723	85960	1481	426213	3528738	41.051	2.578
35	.00429	.02122	84479	1792	418064	3102525	36.725	2.583
40	.00540	.02665	82687	2204	408139	2684461	32.465	2.597
45	.00722	.03551	80483	2858	395610	2276322	28.283	2.619
50	.01027	.05014	77625	3892	378915	1880711	24.228	2.633
55	.01517	.07322	73733	5399	355903	1501796	20.368	2.636
60	.02292	.10869	68335	7428	324065	1145893	16.769	2.629
65	.03547	.16348	60907	9957	280725	821829	13.493	2.609
70	.05504	.24266	50950	12364	224644	541104	10.620	2.565
75	.08395	.34693	38587	13387	159461	316460	8.201	2.500
80	.12714	.47821	25200	12051	94783	157000	6.230	2.410
85	.21135	******	13149	13149	62217	62217	4.732	4.732

AGE	M(X)	Q(X)	I(X)	D(X)	L(X)	T(X)	E(X)	A(X)
0	.06665	.06344	100000	6344	95181	6300000	63.000	0.240
1	.00746	.02928	93656	2742	367551	6204819	66.251	1.421
5	.00173	.00863	90914	784	452607	5837269	64.207	2.500
10	.00105	.00525	90129	473	449465	5384661	59.744	2.500
15	.00156	.00779	89657	698	446639	4935196	55.046	2.645
20	.00214	.01065	88958	948	442520	4488558	50.457	2.603
25	.00261	.01298	88011	1142	437287	4046038	45.972	2.578
30	.00320	.01587	86868	1378	431008	3608750	41.543	2.581
35	.00398	.01972	85490	1686	423384	3177742	37.171	2.588
40	.00507	.02505	83804	2099	413988	2754358	32.867	2.602
45	.00684	.03366	81705	2750	401989	2340370	28.644	2.623
50	.00979	.04782	78955	3776	385851	1938381	24.550	2.636
55	.01452	.07021	75179	5278	363435	1552530	20.651	2.639
60	.02205	.10477	69901	7324	332172	1189095	17.011	2.633
65	.03430	.15854	62577	9921	289206	856923	13.694	2.613
70	.05343	.23646	52657	12451	233020	567717	10.781	2.570
75	.08171	.33940	40205	13646	166995	334697	8.325	2.506
80	.12456	.47119	26559	12515	100470	167702	6.314	2.417
85	.20890	******	14045	14045	67233	67233	4.787	4.787

AGE	M(X)	Q(X)	I(X)	D(X)	L(X)	T(X)	E(X)	A(X)
0	.06320	.06027	100000	6027	95364	6400000	64.000	0.231
1	.00680	.02673	93973	2512	369428	6304636	67.090	1.426
5	.00158	.00785	91462	718	455512	5935208	64.893	2.500
10	.00096	.00478	90743	434	452632	5479696	60.387	2.500
15	.00142	.00708	90309	639	450041	5027064	55.665	2.644
20	.00194	.00967	89670	867	446273	4577023	51.043	2.604
25	.00238	.01185	88803	1052	441469	4130750	46.516	2.581
30	.00293	.01457	87751	1278	435666	3689280	42.043	2.585
35	.00369	.01828	86472	1580	428558	3253614	37.626	2.593
40	.00475	.02348	84892	1993	419691	2825057	33.278	2.607
45	.00647	.03184	82899	2639	408232	2405366	29.016	2.627
50	.00931	.04553	80260	3654	392674	1997134	24.883	2.640
55	.01388	.06720	76606	5148	370892	1604460	20.944	2.642
60	.02118	.10084	71458	7206	340264	1233568	17.263	2.637
65	.03313	.15353	64252	9865	297758	893304	13.903	2.617
70	.05181	.23015	54388	12517	241575	595546	10.950	2.574
75	.07944	.33168	41871	13888	174811	353971	8.454	2.513
80	.12192	.46392	27983	12982	106477	179160	6.402	2.424
85	.20639	******	15001	15001	72683	72683	4.845	4.845

AGE	M(X)	Q(X)	I(X)	D(X)	L(X)	T(X)	E(X)	A(X)
0	.05979	.05713	100000	5713	95552	6500000	65.000	0.221
1	.00617	.02430	94287	2291	371264	6404448	67.925	1.431
5	.00143	.00712	91996	655	458343	6033184	65.581	2.500
10	.00087	.00435	91341	397	455713	5574841	61.033	2.500
15	.00128	.00640	90944	582	453348	5119127	56.289	2.643
20	.00176	.00875	90362	790	449916	4665779	51.634	2.605
25	.00217	.01078	89571	966	445524	4215863	47.067	2.584
30	.00268	.01332	88606	1181	440182	3770339	42.552	2.588
35	.00340	.01688	87425	1476	433580	3330156	38.091	2.598
40	.00444	.02194	85949	1886	425241	2896576	33.701	2.612
45	.00610	.03004	84063	2526	414331	2471335	29.399	2.631
50	.00883	.04326	81537	3527	399375	2057004	25.228	2.643
55	.01324	.06419	78011	5008	378263	1657629	21.249	2.646
60	.02030	.09688	73003	7072	348331	1279366	17.525	2.641
65	.03195	.14846	65930	9788	306373	931035	14.122	2.622
70	.05017	.22370	56142	12559	250306	624661	11.126	2.579
75	.07714	.32374	43583	14109	182918	374356	8.589	2.520
80	.11922	.45637	29474	13451	112825	191437	6.495	2.432
85	.20382	******	16023	16023	78612	78612	4.906	4.906

AGE	M(X)	Q(X)	I(X)	D(X)	L(X)	T(X)	E(X)	A(X)
0	.05642	.05402	100000	5402	95744	6600000	66.000	0.212
1	.00558	.02200	94598	2081	373058	6504256	68.757	1.436
5	.00129	.00643	92517	595	461099	6131199	66.271	2.500
10	.00079	.00393	91922	362	458708	5670099	61.683	2.500
15	.00116	.00577	91561	528	456559	5211391	56.917	2.643
20	.00158	.00788	91032	717	453447	4754833	52.232	2.607
25	.00196	.00977	90316	882	449449	4301386	47.626	2.587
30	.00244	.01214	89434	1086	444553	3851937	43.070	2.592
35	.00313	.01554	88348	1373	438446	3407384	38.568	2.603
40	.00413	.02045	86974	1779	430633	2968938	34.136	2.617
45	.00573	.02828	85195	2409	420279	2538305	29.794	2.635
50	.00836	.04100	82786	3394	405943	2118026	25.584	2.647
55	.01260	.06120	79392	4859	385539	1712083	21.565	2.649
60	.01943	.09291	74533	6925	356361	1326544	17.798	2.645
65	.03076	.14333	67609	9690	315043	970183	14.350	2.627
70	.04851	.21712	57918	12575	259210	655139	11.311	2.584
75	.07479	.31557	45343	14309	191324	395930	8.732	2.527
80	.11645	.44852	31034	13920	119535	204606	6.593	2.440
85	.20118	******	17115	17115	85071	85071	4.971	4.971

AGE	M(X)	Q(X)	I(X)	D(X)	L(X)	T(X)	E(X)	A(X)
0	.05310	.05094	100000	5094	95939	6700000	67.000	0.203
1	.00502	.01983	94906	1882	374809	6604061	69.585	1.441
5	.00116	.00578	93024	537	463777	6229252	66.964	2.500
10	.00071	.00354	92487	328	461614	5765475	62.338	2.500
15	.00104	.00518	92159	477	459670	5303860	57.551	2.642
20	.00142	.00706	91682	647	456862	4844191	52.837	2.608
25	.00177	.00881	91035	802	453241	4387329	48.194	2.589
30	.00222	.01102	90233	994	448775	3934088	43.599	2.596
35	.00287	.01426	89239	1272	443151	3485313	39.056	2.608
40	.00384	.01900	87966	1672	435858	3042162	34.583	2.623
45	.00538	.02654	86295	2291	426067	2606304	30.202	2.639
50	.00790	.03877	84004	3257	412369	2180238	25.954	2.650
55	.01197	.05821	80748	4701	392706	1767869	21.894	2.653
60	.01856	.08891	76047	6762	364343	1375163	18.083	2.650
65	.02956	.13813	69285	9571	323757	1010819	14.589	2.631
70	.04683	.21040	59715	12564	268283	687062	11.506	2.589
75	.07240	.30716	47151	14483	200036	418779	8.882	2.534
80	.11361	.44036	32668	14386	126626	218743	6.696	2.448
85	.19847	******	18282	18282	92116	92116	5.039	5.039

AGE	M(X)	Q(X)	I(X)	D(X)	L(X)	T(X)	E(X)	A(X)
0	.04983	.04790	100000	4790	96138	6800000	68.000	0.194
1	.00450	.01778	95210	1693	376516	6703862	70.411	1.446
5	.00104	.00517	93517	483	466377	6327347	67.660	2.500
10	.00064	.00318	93034	296	464429	5860970	62.998	2.500
15	.00093	.00462	92738	428	462679	5396541	58.191	2.641
20	.00126	.00629	92310	581	460159	4933861	53.449	2.610
25	.00159	.00791	91729	725	456897	4473702	48.771	2.593
30	.00200	.00995	91003	906	452843	4016805	44.139	2.600
35	.00262	.01302	90098	1173	447688	3563962	39.557	2.614
40	.00355	.01759	88924	1565	440910	3116274	35.044	2.628
45	.00503	.02484	87360	2170	431685	2675363	30.625	2.644
50	.00744	.03656	85190	3114	418642	2243678	26.337	2.654
55	.01134	.05524	82075	4534	399753	1825037	22.236	2.657
60	.01769	.08490	77542	6584	372264	1425283	18.381	2.654
65	.02835	.13287	70958	9428	332504	1053020	14.840	2.636
70	.04513	.20354	61530	12524	277520	720516	11.710	2.594
75	.06997	.29850	49006	14629	209061	442996	9.040	2.541
80	.11069	.43186	34378	14846	134123	233935	6.805	2.456
85	.19568	******	19531	19531	99812	99812	5.110	5.110

AGE	M(X)	Q(X)	I(X)	D(X)	L(X)	T(X)	E(X)	A(X)
0	.04661	.04490	100000	4490	96339	6900008	69.000	0.185
1	.00400	.01586	95510	1515	378177	6803669	71.235	1.451
5	.00092	.00460	93995	432	468895	6425491	68.360	2.500
10	.00057	.00284	93563	265	467151	5956597	63.664	2.500
15	.00082	.00410	93298	383	465585	5489446	58.838	2.640
20	.00112	.00558	92915	519	463336	5023861	54.069	2.611
25	.00142	.00706	92396	652	460414	4560524	49.358	2.596
30	.00180	.00895	91744	821	456755	4100110	44.691	2.605
35	.00238	.01185	90923	1077	452053	3643355	40.071	2.620
40	.00327	.01623	89846	1458	445782	3191302	35.520	2.634
45	.00469	.02317	88388	2048	437126	2745519	31.062	2.648
50	.00699	.03437	86340	2968	424751	2308394	26.736	2.658
55	.01072	.05227	83373	4358	406668	1883643	22.593	2.661
60	.01681	.08088	79014	6391	380108	1476975	18.692	2.659
65	.02714	.12753	72624	9262	341270	1096867	15.103	2.641
70	.04340	.19654	63362	12453	286914	755597	11.925	2.599
75	.06750	.28959	50909	14743	218405	468684	9.206	2.549
80	.10770	.42300	36166	15298	142049	250279	6.920	2.465
85	.19281	******	20868	20868	108230	108230	5.186	5.186

AGE	M(X)	Q(X)	I(X)	D(X)	L(X)	T(X)	E(X)	A(X)
0	.04345	.04195	100000	4195	96543	7000003	70.000	0.176
1	.00355	.01406	95805	1347	379792	6903460	72.058	1.456
5	.00081	.00407	94458	384	471328	6523668	69.064	2.500
10	.00050	.00251	94074	237	469777	6052340	64.336	2.500
15	.00072	.00362	93837	339	468384	5582563	59.492	2.639
20	.00099	.00492	93498	460	466390	5114180	54.699	2.613
25	.00126	.00627	93038	583	463788	4647790	49.956	2.599
30	.00161	.00800	92454	740	460504	4184002	45.255	2.609
35	.00216	.01072	91715	983	456240	3723498	40.599	2.626
40	.00300	.01491	90732	1353	450466	3267258	36.010	2.640
45	.00435	.02154	89379	1925	442378	2816791	31.515	2.653
50	.00654	.03222	87454	2817	430683	2374413	27.150	2.662
55	.01010	.04933	84637	4175	413434	1943730	22.966	2.665
60	.01594	.07685	80462	6183	387861	1530296	19.019	2.663
65	.02592	.12213	74279	9072	350038	1142436	15.380	2.646
70	.04166	.18939	65207	12349	296453	792397	12.152	2.605
75	.06499	.28041	52857	14822	228069	495944	9.383	2.556
80	.10462	.41376	38036	15737	150424	267875	7.043	2.474
85	.18985	******	22298	22298	117451	117451	5.267	5.267

AGE	M(X)	Q(X)	I(X)	D(X)	L(X)	T(X)	E(X)	A(X)
0	.04036	.03905	100000	3905	96748	7100001	71.000	0.167
1	.00312	.01239	96095	1190	381358	7003253	72.878	1.460
5	.00072	.00357	94905	339	473676	6621895	69.774	2.500
10	.00044	.00222	94566	210	472304	6148219	65.015	2.500
15	.00064	.00317	94356	299	471073	5675915	60.154	2.637
20	.00086	.00431	94057	405	469317	5204843	55.337	2.614
25	.00111	.00553	93652	518	467016	4735526	50.565	2.602
30	.00143	.00711	93134	662	464088	4268510	45.832	2.613
35	.00194	.00965	92471	893	460243	3804422	41.142	2.632
40	.00274	.01363	91579	1248	454955	3344179	36.517	2.646
45	.00403	.01994	90330	1801	447433	2889223	31.985	2.658
50	.00610	.03009	88529	2664	436428	2441790	27.582	2.666
55	.00948	.04640	85865	3984	420039	2005362	23.355	2.669
60	.01507	.07281	81881	5962	395504	1585324	19.361	2.668
65	.02469	.11667	75920	8858	358795	1189820	15.672	2.651
70	.03989	.18208	67062	12211	306128	831025	12.392	2.610
75	.06243	.27095	54851	14862	238058	524897	9.569	2.564
80	.10146	.40410	39989	16160	159274	286839	7.173	2.483
85	.18680	******	23830	23830	127564	127564	5.353	5.353

AGE	M(X)	Q(X)	I(X)	D(X)	L(X)	T(X)	E(X)	A(X)
0	.03734	.03620	100000	3620	96954	7200000	72.000	0.159
1	.00273	.01084	96380	1045	382873	7103046	73.698	1.465
5	.00062	.00312	95336	297	475934	6720173	70.490	2.500
10	.00039	.00194	95038	184	474730	6244239	65.702	2.500
15	.00055	.00276	94854	262	473650	5769509	60.825	2.636
20	.00075	.00375	94592	354	472115	5295860	55.986	2.616
25	.00097	.00485	94238	457	470094	4823745	51.187	2.606
30	.00126	.00628	93781	589	467501	4353651	46.424	2.618
35	.00174	.00864	93192	805	464058	3886150	41.701	2.539
40	.00250	.01241	92386	1146	459242	3422092	37.041	2.653
45	.00371	.01838	91240	1677	452282	2962850	32.473	2.663
50	.00567	.02800	89563	2507	441972	2510568	28.031	2.670
55	.00888	.04349	87055	3786	426466	2068595	23.762	2.673
60	.01421	.06877	83269	5726	403021	1642129	19.721	2.673
65	.02345	.11115	77543	8619	367519	1239108	15.980	2.657
70	.03810	.17463	68924	12036	315924	871589	12.646	2.616
75	.05983	.26121	56888	14859	248370	555666	9.768	2.573
80	.09821	.39401	42029	16560	168622	307295	7.312	2.493
85	.18366	******	25469	25469	138673	138673	5.445	5.445

AGE	M(X)	Q(X)	I(X)	D(X)	L(X)	T(X)	E(X)	A(X)
0	.03439	.03341	100000	3341	97161	7300000	73.000	0.150
1	.00237	.00941	96659	910	384335	7202839	74.518	1.470
5	.00054	.00270	95749	259	478101	6818504	71.212	2.500
10	.00034	.00169	95491	161	477051	6340404	66.398	2.500
15	.00048	.00238	95330	227	476111	5863353	61.506	2.635
20	.00065	.00323	95102	307	474780	5387242	56.647	2.618
25	.00085	.00422	94795	400	473020	4912462	51.822	2.610
30	.00110	.00551	94395	520	470741	4439443	47.030	2.623
35	.00154	.00769	93875	722	467678	3968702	42.276	2.646
40	.00226	.01123	93154	1046	463320	3501024	37.583	2.660
45	.00340	.01687	92107	1554	456915	3037704	32.980	2.669
50	.00525	.02594	90553	2349	447304	2580789	28.500	2.674
55	.00828	.04061	88204	3582	432700	2133485	24.188	2.677
60	.01335	.06473	84622	5477	410391	1700785	20.099	2.678
65	.02221	.10557	79145	8356	376190	1290394	16.304	2.662
70	.03629	.16703	70789	11824	325822	914204	12.914	2.621
75	.05718	.25117	58965	14810	259001	588381	9.978	2.581
80	.09486	.38346	44155	16932	178488	329380	7.460	2.503
85	.18041	******	27223	27223	150892	150892	5.543	5.543

AGE	M(X)	Q(X)	I(X)	D(X)	L(X)	T(X)	E(X)	A(X)
0	.03152	.03069	100000	3069	97367	7399999	74.000	0.142
1	.00204	.00810	96931	786	385741	7302632	75.338	1.474
5	.00046	.00232	96146	223	480172	6916891	71.942	2.500
10	.00029	.00145	95923	139	479265	6436719	67.103	2.500
15	.00041	.00204	95783	196	478453	5957454	62.197	2.633
20	.00055	.00276	95588	264	477309	5479001	57.319	2.619
25	.00073	.00364	95323	347	475789	5001692	52.471	2.613
30	.00096	.00479	94977	455	473803	4525903	47.653	2.628
35	.00136	.00680	94521	642	471099	4052100	42.870	2.653
40	.00203	.01011	93879	949	467181	3581001	38.145	2.667
45	.00310	.01541	92930	1432	461322	3113820	33.507	2.674
50	.00484	.02393	91499	2189	452411	2652498	28.990	2.679
55	.00769	.03777	89309	3373	438724	2200088	24.635	2.682
60	.01249	.06070	85936	5216	417594	1761363	20.496	2.683
65	.02097	.09995	80720	8068	384784	1343769	16.647	2.668
70	.03446	.15928	72652	11572	335803	958985	13.200	2.627
75	.05450	.24085	61080	14711	269943	623182	10.203	2.590
80	.09142	.37243	46369	17269	188893	353239	7.618	2.513
85	.17706	******	29100	29100	164346	164346	5.648	5.648

AGE	M(X)	Q(X)	I(X)	D(X)	L(X)	T(X)	E(X)	A(X)
0	.02873	.02804	100000	2804	97572	7500000	75.000	0.134
1	.00174	.00692	97196	672	387091	7402428	76.160	1.478
5	.00040	.00198	96524	191	482144	7015337	72.680	2.500
10	.00025	.00124	96334	120	481368	6533193	67.818	2.500
15	.00035	.00173	96214	167	480674	6051825	62.900	2.631
20	.00047	.00234	96047	225	479700	5571151	58.004	2.621
25	.00062	.00311	95822	298	478400	5091451	53.134	2.617
30	.00083	.00414	95524	395	476684	4613051	48.292	2.634
35	.00120	.00596	95128	567	474316	4136368	43.482	2.661
40	.00182	.00904	94561	855	470820	3662052	38.727	2.675
45	.00282	.01399	93707	1311	465494	3191231	34.055	2.680
50	.00444	.02196	92396	2029	457279	2725737	29.501	2.684
55	.00711	.03497	90367	3160	444522	2268458	25.103	2.686
60	.01164	.05668	87207	4943	424607	1823936	20.915	2.688
65	.01972	.09428	82264	7756	393275	1399329	17.010	2.674
70	.03262	.15140	74508	11280	345841	1006054	13.503	2.633
75	.05177	.23023	63228	14557	281182	660212	10.442	2.599
80	.08789	.36089	48671	17565	199853	379030	7.788	2.523
85	.17361	******	31106	31106	179177	179177	5.760	5.760

ANNEX II

Single-year mortality under age 5

Single Year Mortality Under Age 5

Latin American Pattern — Males

Life exp at birth	Probability of dying between ages X and Y Q(X–Y)					Survivors at age X I(X)					Interpolation parameters T(I)		
E(0)	Q(0–1)	Q(1–2)	Q(2–3)	Q(3–4)	Q(4–5)	I(1)	I(2)	I(3)	I(4)	I(5)	T(1)	T(2)	T(3)
35.00	.20429	.08038	.04577	.02976	.02082	79571	73175	69826	67748	66338	.10961	.41619	.37732
36.00	.19840	.07667	.04349	.02824	.01975	80160	74014	70796	68797	67438	.10381	.40319	.37077
37.00	.19260	.07309	.04129	.02678	.01873	80740	74839	71749	69827	68519	.09829	.39076	.36443
38.00	.18690	.06963	.03918	.02539	.01776	81310	75649	72685	70839	69581	.09299	.37844	.35814
39.00	.18130	.06628	.03716	.02406	.01683	81870	76444	73603	71832	70624	.08789	.36624	.35190
40.00	.17577	.06305	.03522	.02278	.01594	82423	77226	74506	72809	71649	.08304	.35460	.34585
41.00	.17034	.05993	.03335	.02155	.01508	82966	77994	75393	73768	72655	.07838	.34299	.33984
42.00	.16498	.05691	.03156	.02038	.01427	83502	78750	76265	74711	73645	.07390	.33155	.33387
43.00	.15969	.05399	.02984	.01926	.01348	84031	79494	77122	75637	74617	.06964	.32057	.32806
44.00	.15448	.05118	.02819	.01818	.01273	84552	80225	77964	76546	75572	.06555	.30974	.32229
45.00	.14934	.04844	.02660	.01714	.01202	85066	80945	78792	77441	76511	.06161	.29886	.31650
46.00	.14427	.04582	.02507	.01615	.01133	85573	81652	79605	78319	77432	.05787	.28848	.31089
47.00	.13927	.04327	.02361	.01520	.01067	86073	82349	80404	79182	78338	.05427	.27802	.30524
48.00	.13433	.04082	.02220	.01429	.01003	86567	83033	81189	80029	79226	.05085	.26801	.29972
49.00	.12945	.03846	.02086	.01342	.00943	87055	83707	81961	80861	80099	.04758	.25820	.29427
50.00	.12464	.03617	.01956	.01258	.00884	87536	84370	82719	81678	80956	.04445	.24835	.28879
51.00	.11988	.03397	.01832	.01178	.00829	88012	85022	83464	82481	81797	.04147	.23894	.28345
52.00	.11519	.03185	.01713	.01102	.00775	88481	85663	84196	83268	82623	.03860	.22934	.27801
53.00	.11055	.02981	.01599	.01028	.00724	88945	86294	84914	84041	83432	.03589	.22020	.27272
54.00	.10597	.02784	.01490	.00958	.00676	89403	86914	85619	84799	84226	.03330	.21111	.26742
55.00	.10144	.02595	.01385	.00891	.00629	89856	87524	86312	85543	85005	.03082	.20199	.26204
56.00	.09697	.02414	.01285	.00827	.00584	90303	88123	86990	86271	85767	.02848	.19338	.25687
57.00	.09256	.02240	.01190	.00766	.00542	90744	88712	87656	86985	86514	.02625	.18469	.25161
58.00	.08821	.02073	.01099	.00708	.00501	91179	89288	88307	87682	87243	.02414	.17631	.24643
59.00	.08391	.01914	.01013	.00652	.00462	91609	89856	88946	88366	87957	.02213	.16798	.24123
60.00	.07968	.01761	.00930	.00599	.00425	92032	90411	89570	89033	88654	.02024	.15979	.23605
61.00	.07550	.01616	.00852	.00549	.00390	92450	90956	90181	89686	89336	.01844	.15167	.23083
62.00	.07138	.01477	.00778	.00502	.00357	92862	91490	90779	90323	90001	.01675	.14374	.22562
63.00	.06733	.01346	.00707	.00457	.00325	93267	92012	91361	90944	90648	.01516	.13581	.22035
64.00	.06335	.01221	.00641	.00414	.00296	93665	92522	91929	91548	91277	.01367	.12819	.21518
65.00	.05943	.01103	.00578	.00374	.00267	94057	93020	92482	92136	91890	.01227	.12065	.20995
66.00	.05559	.00991	.00519	.00336	.00241	94441	93505	93019	92707	92483	.01096	.11310	.20463
67.00	.05182	.00886	.00464	.00301	.00216	94818	93978	93542	93260	93059	.00973	.10576	.19935
68.00	.04812	.00788	.00412	.00268	.00192	95188	94438	94049	93797	93616	.00860	.09851	.19396
69.00	.04452	.00697	.00364	.00237	.00171	95548	94882	94537	94313	94152	.00756	.09167	.18874
70.00	.04100	.00611	.00320	.00208	.00150	95900	95314	95009	94811	94669	.00659	.08472	.18331
71.00	.03758	.00533	.00278	.00182	.00132	96242	95729	95463	95289	95164	.00571	.07806	.17795
72.00	.03426	.00460	.00241	.00158	.00114	96574	96130	95899	95748	95638	.00490	.07128	.17234
73.00	.03105	.00394	.00206	.00135	.00098	96895	96514	96315	96184	96090	.00417	.06492	.16685
74.00	.02795	.00334	.00175	.00115	.00084	97205	96880	96711	96600	96519	.00352	.05913	.16157
75.00	.02499	.00280	.00147	.00097	.00071	97501	97228	97085	96991	96923	.00293	.05297	.15586

Single Year Mortality Under Age 5

Latin American Pattern — Females

Life exp at birth	Probability of dying between ages X and Y Q(X–Y)					Survivors at age X I(X)					Interpolation parameters T(I)		
E(0)	Q(0–1)	Q(1–2)	Q(2–3)	Q(3–4)	Q(4–5)	I(1)	I(2)	I(3)	I(4)	I(5)	T(1)	T(2)	T(3)
35.00	.16750	.08726	.05365	.03587	.02528	83250	75986	71909	69330	67577	.16710	.99701	.44790
36.00	.16339	.08380	.05121	.03414	.02403	83661	76650	72724	70241	68553	.15805	.95949	.43940
37.00	.15935	.08045	.04887	.03249	.02284	84065	77302	73525	71136	69512	.14944	.92342	.43116
38.00	.15537	.07718	.04660	.03090	.02170	84463	77944	74312	72016	70454	.14120	.88836	.42306
39.00	.15144	.07400	.04441	.02937	.02060	84856	78577	75087	72882	71380	.13338	.85486	.41522
40.00	.14757	.07091	.04230	.02790	.01955	85243	79199	75848	73732	72290	.12592	.82244	.40758
41.00	.14375	.06789	.04027	.02649	.01855	85625	79812	76598	74568	73185	.11880	.79115	.40012
42.00	.13998	.06496	.03830	.02514	.01758	86002	80415	77335	75391	74066	.11199	.76065	.39276
43.00	.13625	.06211	.03641	.02384	.01666	86375	81010	78061	76200	74931	.10557	.73181	.38573
44.00	.13256	.05932	.03457	.02258	.01577	86744	81598	78777	76998	75784	.09937	.70326	.37868
45.00	.12891	.05662	.03281	.02138	.01492	87109	82177	79481	77782	76622	.09350	.67596	.37185
46.00	.12530	.05398	.03110	.02022	.01410	87470	82748	80175	78554	77447	.08791	.64967	.36522
47.00	.12172	.05142	.02945	.01910	.01331	87828	83312	80859	79314	78258	.08258	.62408	.35865
48.00	.11818	.04892	.02786	.01803	.01255	88182	83868	81531	80061	79056	.07750	.59936	.35224
49.00	.11467	.04649	.02632	.01700	.01183	88533	84417	82195	80798	79842	.07263	.57504	.34585
50.00	.11118	.04412	.02484	.01601	.01113	88882	84960	82849	81523	80615	.06803	.55205	.33971
51.00	.10772	.04182	.02341	.01506	.01047	89228	85497	83495	82237	81377	.06359	.52909	.33349
52.00	.10429	.03958	.02204	.01415	.00982	89571	86026	84130	82940	82125	.05940	.50720	.32749
53.00	.10089	.03741	.02071	.01327	.00921	89911	86547	84755	83630	82860	.05541	.48578	.32152
54.00	.09751	.03530	.01943	.01242	.00862	90249	87063	85371	84311	83584	.05162	.46536	.31577
55.00	.09415	.03325	.01820	.01161	.00805	90585	87573	85980	84981	84297	.04798	.44481	.30985
56.00	.09081	.03126	.01702	.01084	.00751	90919	88077	86578	85640	84997	.04454	.42539	.30417
57.00	.08749	.02933	.01588	.01009	.00699	91251	88575	87169	86289	85686	.04126	.40622	.29848
58.00	.08420	.02746	.01478	.00938	.00650	91580	89065	87749	86926	86361	.03815	.38761	.29286
59.00	.08093	.02566	.01373	.00870	.00602	91907	89549	88319	87551	87024	.03521	.36979	.28740
60.00	.07767	.02391	.01273	.00805	.00557	92233	90028	88882	88167	87676	.03241	.35202	.28180
61.00	.07444	.02223	.01176	.00743	.00514	92556	90499	89434	88770	88314	.02977	.33526	.27647
62.00	.07123	.02060	.01084	.00683	.00472	92877	90963	89977	89362	88940	.02728	.31878	.27110
63.00	.06804	.01904	.00997	.00627	.00433	93196	91422	90510	89943	89553	.02491	.30249	.26567
64.00	.06488	.01754	.00913	.00573	.00396	93512	91872	91033	90511	90152	.02268	.28673	.26033
65.00	.06174	.01610	.00834	.00523	.00361	93826	92315	91545	91067	90738	.02058	.27157	.25507
66.00	.05862	.01473	.00758	.00474	.00328	94138	92752	92049	91612	91312	.01861	.25671	.24980
67.00	.05552	.01341	.00687	.00429	.00296	94448	93181	92542	92144	91871	.01676	.24216	.24446
68.00	.05246	.01216	.00619	.00386	.00267	94754	93602	93023	92664	92416	.01501	.22763	.23905
69.00	.04943	.01097	.00555	.00346	.00239	95057	94014	93492	93168	92946	.01341	.21442	.23400
70.00	.04643	.00985	.00496	.00308	.00213	95357	94418	93950	93661	93461	.01190	.20070	.22861
71.00	.04347	.00879	.00440	.00273	.00188	95653	94812	94395	94137	93960	.01052	.18828	.22359
72.00	.04055	.00780	.00388	.00241	.00166	95945	95197	94828	94600	94443	.00923	.17553	.21825
73.00	.03767	.00687	.00340	.00211	.00145	96233	95572	95247	95047	94909	.00804	.16307	.21284
74.00	.03485	.00601	.00295	.00183	.00126	96515	95935	95652	95477	95357	.00696	.15156	.20772
75.00	.03209	.00521	.00255	.00157	.00108	96791	96287	96041	95890	95786	.00598	.14028	.20253

Single Year Mortality Under Age 5

Latin American Pattern — Both sexes combined

Life exp at birth	Probability of dying between ages X and Y Q(X–Y)					Survivors at age X I(X)				
E(0)	Q(0–1)	Q(1–2)	Q(2–3)	Q(3–4)	Q(4–5)	I(1)	I(2)	I(3)	I(4)	I(5)
35.00	.18634	.08381	.04969	.03278	.02302	81366	74546	70842	68520	66942
36.00	.18132	.08023	.04732	.03116	.02186	81868	75300	71736	69501	67982
37.00	.17638	.07675	.04504	.02961	.02075	82362	76040	72615	70466	69003
38.00	.17152	.07338	.04285	.02811	.01969	82848	76769	73479	71413	70007
39.00	.16673	.07011	.04075	.02668	.01868	83327	77484	74327	72344	70993
40.00	.16201	.06695	.03872	.02530	.01771	83799	78188	75161	73259	71962
41.00	.15737	.06387	.03676	.02399	.01678	84263	78881	75981	74158	72914
42.00	.15278	.06090	.03488	.02272	.01589	84722	79562	76787	75043	73850
43.00	.14826	.05801	.03307	.02151	.01504	85174	80234	77580	75912	74770
44.00	.14379	.05520	.03133	.02034	.01421	85621	80895	78361	76766	75675
45.00	.13937	.05248	.02965	.01922	.01343	86063	81546	79128	77607	76565
46.00	.13502	.04985	.02803	.01814	.01268	86498	82187	79883	78434	77439
47.00	.13071	.04728	.02648	.01711	.01196	86929	82819	80626	79246	78299
48.00	.12645	.04481	.02498	.01612	.01126	87355	83440	81356	80045	79143
49.00	.12224	.04241	.02353	.01517	.01060	87776	84053	82075	80830	79974
50.00	.11807	.04008	.02215	.01425	.00996	88193	84658	82782	81602	80790
51.00	.11395	.03782	.02082	.01338	.00935	88605	85254	83479	82362	81592
52.00	.10987	.03564	.01953	.01254	.00876	89013	85840	84164	83108	82380
53.00	.10584	.03354	.01829	.01174	.00820	89416	86417	84836	83841	83153
54.00	.10184	.03150	.01711	.01096	.00766	89816	86987	85498	84561	83913
55.00	.09788	.02953	.01597	.01023	.00714	90212	87548	86150	85269	84660
56.00	.09397	.02763	.01489	.00952	.00665	90603	88101	86789	85963	85391
57.00	.09009	.02578	.01384	.00884	.00618	90991	88645	87418	86645	86110
58.00	.08625	.02403	.01283	.00820	.00573	91375	89179	88035	87313	86813
59.00	.08246	.02232	.01188	.00758	.00530	91754	89706	88640	87968	87502
60.00	.07870	.02069	.01097	.00699	.00489	92130	90224	89234	88611	88177
61.00	.07498	.01912	.01010	.00643	.00450	92502	90733	89817	89239	88837
62.00	.07131	.01762	.00926	.00590	.00413	92869	91233	90388	89854	89483
63.00	.06768	.01618	.00849	.00539	.00378	93232	91724	90946	90456	90114
64.00	.06410	.01480	.00773	.00492	.00345	93590	92205	91492	91042	90728
65.00	.06056	.01350	.00703	.00446	.00313	93944	92676	92025	91615	91328
66.00	.05707	.01225	.00635	.00403	.00283	94293	93138	92546	92173	91912
67.00	.05362	.01108	.00572	.00364	.00255	94638	93589	93054	92716	92479
68.00	.05024	.00996	.00512	.00325	.00229	94976	94030	93549	93244	93031
69.00	.04692	.00892	.00457	.00290	.00203	95308	94459	94027	93754	93564
70.00	.04365	.00793	.00405	.00257	.00181	95635	94877	94492	94250	94080
71.00	.04045	.00701	.00356	.00226	.00159	95955	95282	94942	94727	94577
72.00	.03733	.00615	.00312	.00198	.00140	96267	95675	95377	95188	95055
73.00	.03428	.00536	.00271	.00172	.00121	96572	96054	95794	95629	95514
74.00	.03132	.00464	.00233	.00148	.00104	96868	96419	96194	96052	95952
75.00	.02845	.00397	.00200	.00126	.00089	97155	96769	96576	96454	96368

Chilean Pattern — Males

Life exp at birth	Probability of dying between ages X and Y Q(X–Y)					Survivors at age X I(X)					Interpolation parameters T(I)		
E(0)	Q(0–1)	Q(1–2)	Q(2–3)	Q(3–4)	Q(4–5)	I(1)	I(2)	I(3)	I(4)	I(5)	T(1)	T(2)	T(3)
35.00	.23869	.04812	.02555	.01645	.01161	76131	72468	70616	69455	68648	.05147	.08066	.28917
36.00	.23135	.04545	.02408	.01550	.01095	76865	73372	71605	70495	69723	.04852	.07802	.28467
37.00	.22413	.04289	.02269	.01460	.01032	77587	74259	72575	71515	70777	.04570	.07536	.28013
38.00	.21702	.04046	.02136	.01374	.00972	78298	75130	73525	72515	71810	.04303	.07284	.27574
39.00	.21003	.03813	.02010	.01293	.00915	78997	75985	74458	73495	72823	.04048	.07039	.27143
40.00	.20314	.03592	.01890	.01216	.00861	79686	76824	75372	74456	73815	.03806	.06801	.26717
41.00	.19636	.03380	.01775	.01142	.00809	80364	77648	76269	75398	74788	.03575	.06565	.26293
42.00	.18968	.03177	.01666	.01073	.00760	81032	78458	77150	76323	75742	.03354	.06327	.25867
43.00	.18310	.02984	.01563	.01006	.00714	81690	79252	78014	77229	76678	.03145	.06107	.25459
44.00	.17661	.02800	.01465	.00943	.00670	82339	80033	78861	78118	77595	.02946	.05888	.25049
45.00	.17022	.02624	.01371	.00883	.00627	82978	80801	79693	78989	78494	.02756	.05669	.24639
46.00	.16393	.02456	.01282	.00826	.00587	83607	81554	80509	79844	79375	.02575	.05457	.24237
47.00	.15772	.02296	.01197	.00772	.00549	84228	82294	81309	80682	80239	.02403	.05248	.23834
48.00	.15161	.02143	.01116	.00720	.00513	84839	83021	82094	81503	81085	.02240	.05045	.23437
49.00	.14558	.01997	.01040	.00671	.00478	85442	83735	82865	82309	81915	.02084	.04844	.23040
50.00	.13964	.01859	.00967	.00624	.00446	86036	84437	83620	83098	82728	.01936	.04646	.22644
51.00	.13380	.01727	.00898	.00580	.00414	86620	85124	84360	83871	83523	.01796	.04456	.22256
52.00	.12803	.01602	.00832	.00538	.00385	87197	85800	85086	84629	84303	.01663	.04271	.21870
53.00	.12236	.01482	.00770	.00498	.00357	87764	86463	85797	85370	85065	.01537	.04081	.21474
54.00	.11677	.01369	.00711	.00460	.00330	88323	87113	86494	86096	85812	.01418	.03907	.21097
55.00	.11128	.01262	.00655	.00425	.00305	88872	87750	87175	86805	86541	.01305	.03729	.20711
56.00	.10587	.01160	.00602	.00391	.00281	89413	88375	87843	87500	87255	.01198	.03553	.20324
57.00	.10055	.01064	.00552	.00359	.00258	89945	88988	88497	88179	87952	.01096	.03380	.19937
58.00	.09532	.00973	.00505	.00328	.00237	90468	89588	89135	88843	88632	.01001	.03210	.19549
59.00	.09019	.00887	.00460	.00300	.00216	90981	90174	89759	89490	89296	.00911	.03037	.19153
60.00	.08515	.00806	.00419	.00273	.00197	91485	90748	90368	90121	89943	.00827	.02877	.18771
61.00	.08021	.00730	.00379	.00248	.00179	91979	91308	90961	90736	90574	.00748	.02715	.18381
62.00	.07537	.00659	.00342	.00224	.00162	92463	91854	91539	91334	91186	.00674	.02553	.17983
63.00	.07063	.00592	.00308	.00202	.00147	92937	92387	92102	91916	91782	.00605	.02401	.17594
64.00	.06601	.00530	.00276	.00181	.00132	93399	92904	92647	92479	92358	.00541	.02249	.17198
65.00	.06150	.00472	.00246	.00162	.00118	93850	93407	93178	93027	92917	.00480	.02090	.16787
66.00	.05710	.00418	.00218	.00144	.00105	94290	93896	93690	93556	93457	.00426	.01956	.16406
67.00	.05282	.00369	.00193	.00127	.00093	94718	94369	94187	94067	93979	.00375	.01808	.15991
68.00	.04868	.00323	.00169	.00112	.00082	95132	94825	94665	94559	94481	.00328	.01676	.15606
69.00	.04466	.00281	.00148	.00098	.00072	95534	95265	95125	95032	94964	.00285	.01545	.15204
70.00	.04079	.00243	.00128	.00085	.00062	95921	95688	95566	95485	95425	.00246	.01413	.14793
71.00	.03706	.00209	.00110	.00073	.00054	96294	96093	95987	95917	95865	.00211	.01298	.14401
72.00	.03348	.00177	.00094	.00063	.00046	96652	96481	96391	96330	96286	.00179	.01142	.13908
73.00	.03006	.00149	.00079	.00053	.00039	96994	96850	96773	96722	96684	.00150	.01020	.13476
74.00	.02681	.00124	.00066	.00045	.00033	97319	97198	97134	97090	97058	.00125	.00908	.13047
75.00	.02374	.00102	.00055	.00037	.00027	97626	97526	97473	97437	97410	.00103	.00810	.12650

Single Year Mortality Under Age 5

Chilean Pattern — Females

Life exp at birth E(0)	Probability of dying between ages X and Y Q(X–Y)					Survivors at age X I(X)					Interpolation parameters T(I)		
	Q(0–1)	Q(1–2)	Q(2–3)	Q(3–4)	Q(4–5)	I(1)	I(2)	I(3)	I(4)	I(5)	T(1)	T(2)	T(3)
35.00	.21832	.06023	.03232	.02062	.01436	78168	73460	71085	69620	68620	.06980	.17984	.32596
36.00	.21287	.05740	.03068	.01954	.01360	78713	74195	71919	70513	69555	.06630	.17446	.32181
37.00	.20750	.05468	.02910	.01850	.01287	79250	74917	72737	71391	70472	.06295	.16930	.31779
38.00	.20220	.05205	.02759	.01751	.01217	79780	75628	73541	72253	71374	.05973	.16412	.31373
39.00	.19697	.04952	.02615	.01657	.01151	80303	76326	74331	73099	72257	.05665	.15917	.30978
40.00	.19180	.04708	.02476	.01567	.01088	80820	77015	75108	73931	73127	.05368	.15428	.30585
41.00	.18669	.04474	.02344	.01481	.01027	81331	77693	75872	74748	73980	.05085	.14961	.30202
42.00	.18163	.04247	.02217	.01399	.00970	81837	78362	76625	75553	74820	.04812	.14495	.29817
43.00	.17663	.04028	.02095	.01320	.00915	82337	79020	77365	76344	75645	.04550	.14038	.29434
44.00	.17168	.03818	.01978	.01245	.00862	82832	79670	78094	77122	76457	.04299	.13596	.29059
45.00	.16677	.03615	.01866	.01172	.00812	83323	80311	78812	77888	77256	.04059	.13171	.28692
46.00	.16192	.03419	.01758	.01104	.00764	83808	80942	79519	78642	78041	.03827	.12740	.28318
47.00	.15710	.03231	.01656	.01038	.00718	84290	81567	80216	79383	78814	.03606	.12328	.27951
48.00	.15233	.03049	.01557	.00975	.00674	84767	82182	80903	80114	79574	.03393	.11922	.27587
49.00	.14759	.02874	.01462	.00914	.00632	85241	82791	81580	80834	80323	.03188	.11519	.27220
50.00	.14290	.02706	.01372	.00857	.00592	85710	83391	82247	81542	81059	.02993	.11130	.26861
51.00	.13824	.02544	.01286	.00802	.00554	86176	83983	82904	82239	81784	.02807	.10759	.26508
52.00	.13363	.02389	.01203	.00749	.00517	86637	84568	83551	82925	82496	.02627	.10386	.26153
53.00	.12904	.02238	.01123	.00699	.00482	87096	85146	84190	83602	83198	.02455	.10017	.25795
54.00	.12449	.02094	.01047	.00651	.00449	87551	85717	84819	84267	83889	.02291	.09655	.25438
55.00	.11998	.01957	.00975	.00605	.00417	88002	86280	85439	84922	84567	.02134	.09308	.25090
56.00	.11550	.01824	.00906	.00562	.00387	88450	86837	86050	85566	85235	.01984	.08963	.24737
57.00	.11106	.01697	.00840	.00520	.00359	88894	87385	86651	86200	85891	.01841	.08626	.24387
58.00	.10665	.01575	.00777	.00481	.00331	89335	87928	87244	86825	86537	.01704	.08279	.24023
59.00	.10228	.01460	.00718	.00444	.00305	89772	88462	87827	87437	87170	.01575	.07970	.23686
60.00	.09795	.01348	.00661	.00408	.00281	90205	88989	88401	88040	87793	.01451	.07639	.23327
61.00	.09365	.01242	.00607	.00374	.00258	90635	89509	88966	88633	88404	.01333	.07319	.22969
62.00	.08938	.01142	.00556	.00342	.00235	91062	90022	89522	89216	89006	.01222	.07021	.22626
63.00	.08516	.01046	.00507	.00312	.00215	91484	90527	90068	89787	89594	.01116	.06708	.22263
64.00	.08099	.00955	.00462	.00284	.00195	91901	91023	90603	90346	90170	.01017	.06418	.21916
65.00	.07686	.00869	.00419	.00257	.00177	92314	91512	91129	90894	90734	.00923	.06127	.21562
66.00	.07278	.00787	.00378	.00232	.00160	92722	91992	91644	91432	91286	.00834	.05821	.21188
67.00	.06875	.00711	.00340	.00209	.00143	93125	92463	92148	91956	91824	.00752	.05555	.20844
68.00	.06478	.00639	.00305	.00187	.00128	93522	92924	92641	92468	92349	.00674	.05273	.20478
69.00	.06086	.00571	.00272	.00166	.00114	93914	93377	93123	92968	92862	.00601	.04972	.20084
70.00	.05702	.00509	.00241	.00147	.00101	94298	93818	93592	93454	93360	.00534	.04722	.19740
71.00	.05324	.00451	.00213	.00130	.00089	94676	94249	94049	93927	93843	.00472	.04473	.19384
72.00	.04954	.00396	.00187	.00114	.00078	95046	94669	94493	94385	94311	.00414	.04183	.18975
73.00	.04591	.00347	.00163	.00099	.00068	95409	95078	94923	94829	94765	.00361	.03963	.18636
74.00	.04238	.00301	.00141	.00086	.00059	95762	95474	95339	95258	95202	.00313	.03698	.18236
75.00	.03895	.00259	.00121	.00074	.00050	96105	95856	95740	95670	95622	.00269	.03435	.17830

Chilean Pattern — Both sexes combined

Life exp at birth	Probability of dying between ages X and Y Q(X–Y)					Survivors at age X I(X)				
E(0)	Q(0–1)	Q(1–2)	Q(2–3)	Q(3–4)	Q(4–5)	I(1)	I(2)	I(3)	I(4)	I(5)
35.00	.22875	.05410	.02888	.01848	.01296	77125	72952	70845	69535	68634
36.00	.22234	.05135	.02732	.01748	.01224	77766	73773	71758	70504	69641
37.00	.21602	.04870	.02582	.01651	.01156	78398	74580	72654	71455	70628
38.00	.20979	.04616	.02441	.01558	.01091	79021	75373	73533	72387	71597
39.00	.20366	.04373	.02305	.01471	.01030	79634	76151	74396	73302	72547
40.00	.19761	.04140	.02176	.01387	.00971	80239	76917	75243	74200	73479
41.00	.19164	.03916	.02053	.01307	.00915	80836	77670	76075	75081	74394
42.00	.18575	.03701	.01935	.01231	.00863	81425	78411	76894	75947	75292
43.00	.17994	.03496	.01821	.01158	.00811	82006	79139	77697	76797	76174
44.00	.17421	.03298	.01714	.01089	.00763	82579	79856	78487	77632	77040
45.00	.16854	.03108	.01612	.01024	.00716	83146	80562	79263	78452	77890
46.00	.16295	.02926	.01513	.00960	.00673	83705	81255	80026	79258	78724
47.00	.15742	.02752	.01420	.00901	.00630	84258	81939	80776	80048	79544
48.00	.15196	.02585	.01330	.00844	.00591	84804	82612	81513	80825	80348
49.00	.14656	.02425	.01244	.00789	.00553	85344	83275	82238	81589	81138
50.00	.14123	.02271	.01164	.00737	.00516	85877	83927	82950	82339	81914
51.00	.13597	.02125	.01085	.00687	.00482	86403	84567	83650	83075	82675
52.00	.13076	.01984	.01012	.00640	.00449	86924	85199	84337	83798	83422
53.00	.12562	.01850	.00941	.00595	.00418	87438	85821	85013	84508	84154
54.00	.12054	.01722	.00874	.00552	.00387	87946	86432	85677	85204	84874
55.00	.11552	.01599	.00810	.00512	.00359	88448	87033	86328	85886	85578
56.00	.11057	.01482	.00749	.00473	.00332	88943	87625	86968	86557	86270
57.00	.10568	.01371	.00691	.00437	.00306	89432	88206	87597	87214	86947
58.00	.10085	.01265	.00637	.00401	.00283	89915	88778	88213	87859	87610
59.00	.09609	.01164	.00585	.00369	.00259	90391	89339	88817	88489	88259
60.00	.09139	.01068	.00536	.00338	.00238	90861	89890	89408	89106	88894
61.00	.08677	.00978	.00489	.00309	.00217	91323	90430	89988	89710	89515
62.00	.08220	.00893	.00446	.00281	.00197	91780	90960	90555	90301	90123
63.00	.07772	.00812	.00404	.00255	.00179	92228	91480	91110	90877	90715
64.00	.07332	.00736	.00366	.00231	.00162	92668	91986	91650	91439	91291
65.00	.06899	.00664	.00329	.00208	.00146	93101	92483	92178	91987	91852
66.00	.06475	.00597	.00296	.00186	.00132	93525	92967	92692	92520	92398
67.00	.06059	.00534	.00264	.00166	.00118	93941	93439	93192	93037	92928
68.00	.05653	.00476	.00234	.00148	.00105	94347	93898	93678	93539	93441
69.00	.05256	.00422	.00207	.00131	.00092	94744	94344	94148	94025	93939
70.00	.04871	.00372	.00182	.00115	.00081	95129	94776	94603	94494	94418
71.00	.04495	.00326	.00160	.00100	.00071	95505	95193	95042	94946	94879
72.00	.04131	.00283	.00138	.00088	.00061	95869	95597	95465	95381	95323
73.00	.03779	.00244	.00120	.00075	.00053	96221	95986	95871	95799	95748
74.00	.03441	.00210	.00102	.00064	.00045	96559	96357	96258	96196	96153
75.00	.03116	.00178	.00087	.00054	.00039	96884	96711	96628	96575	96538

South Asian Pattern — Males

Life exp at birth	Probability of dying between ages X and Y Q(X–Y)					Survivors at age X I(X)					Interpolation parameters T(I)		
E(0)	Q(0–1)	Q(1–2)	Q(2–3)	Q(3–4)	Q(4–5)	I(1)	I(2)	I(3)	I(4)	I(5)	T(1)	T(2)	T(3)
35.00	.22680	.10153	.05711	.03564	.02367	77320	69469	65502	63167	61672	.16912	.68779	.48220
36.00	.22045	.09709	.05432	.03382	.02246	77955	70386	66563	64312	62868	.16030	.66767	.47334
37.00	.21419	.09277	.05162	.03208	.02130	78581	71291	67611	65442	64048	.15177	.64769	.46455
38.00	.20803	.08858	.04903	.03041	.02018	79197	72182	68643	66555	65212	.14360	.62824	.45598
39.00	.20194	.08451	.04654	.02882	.01912	79806	73061	69661	67654	66360	.13574	.60919	.44752
40.00	.19594	.08056	.04413	.02728	.01810	80406	73928	70666	68738	67494	.12815	.59024	.43912
41.00	.19002	.07673	.04182	.02581	.01712	80998	74783	71656	69806	68611	.12088	.57177	.43090
42.00	.18416	.07301	.03959	.02440	.01618	81584	75628	72633	70861	69714	.11392	.55377	.42282
43.00	.17838	.06940	.03745	.02304	.01529	82162	76460	73597	71901	70801	.10723	.53602	.41484
44.00	.17267	.06590	.03539	.02174	.01443	82733	77281	74546	72925	71873	.10083	.51867	.40699
45.00	.16702	.06250	.03340	.02050	.01360	83298	78092	75483	73936	72931	.09468	.50151	.39919
46.00	.16143	.05921	.03149	.01930	.01281	83857	78892	76408	74933	73974	.08880	.48483	.39156
47.00	.15591	.05601	.02965	.01815	.01205	84409	79681	77319	75916	75001	.08314	.46806	.38388
48.00	.15044	.05291	.02788	.01705	.01132	84956	80461	78218	76884	76014	.07774	.45179	.37634
49.00	.14503	.04991	.02618	.01599	.01063	85497	81230	79103	77839	77011	.07258	.43577	.36889
50.00	.13968	.04701	.02454	.01498	.00996	86032	81988	79976	78778	77993	.06766	.42013	.36155
51.00	.13439	.04420	.02297	.01401	.00932	86561	82735	80834	79702	78959	.06296	.40470	.35428
52.00	.12915	.04149	.02147	.01308	.00871	87085	83472	81680	80612	79910	.05848	.38953	.34705
53.00	.12396	.03886	.02002	.01219	.00812	87604	84200	82514	81508	80846	.05420	.37444	.33981
54.00	.11883	.03633	.01864	.01134	.00756	88117	84916	83333	82388	81766	.05014	.35977	.33271
55.00	.11375	.03389	.01731	.01053	.00702	88625	85622	84139	83253	82669	.04628	.34531	.32562
56.00	.10872	.03153	.01604	.00975	.00651	89128	86318	84933	84104	83557	.04260	.33098	.31855
57.00	.10375	.02927	.01483	.00901	.00603	89625	87002	85711	84939	84427	.03913	.31706	.31159
58.00	.09884	.02709	.01368	.00831	.00556	90116	87674	86475	85756	85279	.03583	.30304	.30454
59.00	.09398	.02500	.01258	.00764	.00512	90602	88337	87226	86559	86116	.03272	.28947	.29762
60.00	.08918	.02301	.01153	.00700	.00470	91082	88986	87960	87344	86934	.02979	.27631	.29080
61.00	.08444	.02110	.01053	.00640	.00430	91556	89625	88681	88113	87734	.02701	.26280	.28376
62.00	.07977	.01927	.00959	.00583	.00392	92023	90249	89384	88863	88515	.02441	.24982	.27690
63.00	.07516	.01754	.00870	.00529	.00356	92484	90862	90072	89596	89277	.02198	.23707	.27003
64.00	.07063	.01589	.00786	.00478	.00322	92937	91460	90741	90308	90017	.01970	.22443	.26315
65.00	.06617	.01433	.00706	.00430	.00290	93383	92044	91394	91002	90737	.01759	.21222	.25638
66.00	.06179	.01287	.00632	.00385	.00260	93821	92614	92029	91675	91436	.01562	.20018	.24959
67.00	.05750	.01148	.00562	.00343	.00232	94250	93168	92644	92327	92112	.01378	.18800	.24266
68.00	.05329	.01018	.00498	.00304	.00206	94671	93707	93241	92958	92766	.01209	.17602	.23567
69.00	.04919	.00898	.00438	.00267	.00182	95081	94228	93815	93564	93394	.01055	.16471	.22890
70.00	.04519	.00785	.00382	.00234	.00159	95481	94732	94370	94149	93999	.00913	.15301	.22184
71.00	.04131	.00682	.00331	.00203	.00139	95869	95215	94900	94708	94577	.00785	.14215	.21506
72.00	.03755	.00587	.00284	.00175	.00120	96245	95680	95408	95242	95128	.00668	.13126	.20811
73.00	.03393	.00501	.00242	.00149	.00102	96607	96123	95890	95748	95650	.00565	.12111	.20141
74.00	.03045	.00423	.00204	.00126	.00087	96955	96545	96348	96227	96143	.00472	.11068	.19440
75.00	.02713	.00352	.00170	.00105	.00073	97287	96944	96779	96677	96607	.00389	.09988	.18698

Single Year Mortality Under Age 5

South Asian Pattern — Females

Life exp at birth	Probability of dying between ages X and Y Q(X–Y)					Survivors at age X I(X)					Interpolation parameters T(I)		
E(0)	Q(0–1)	Q(1–2)	Q(2–3)	Q(3–4)	Q(4–5)	I(1)	I(2)	I(3)	I(4)	I(5)	T(1)	T(2)	T(3)
35.00	.20275	.10204	.06020	.03856	.02603	79725	71590	67280	64686	63002	.19922	.97869	.50836
36.00	.19788	.09800	.05744	.03667	.02472	80212	72351	68195	65695	64071	.18883	.94452	.49894
37.00	.19307	.09406	.05476	.03485	.02346	80693	73103	69099	66691	65127	.17884	.91124	.48968
38.00	.18831	.09023	.05219	.03311	.02226	81169	73845	69991	67674	66167	.16932	.87950	.48074
39.00	.18362	.08649	.04969	.03143	.02110	81638	74577	70871	68643	67195	.16011	.84808	.47186
40.00	.17897	.08285	.04729	.02982	.02000	82103	75301	71740	69601	68209	.15132	.81795	.46322
41.00	.17438	.07929	.04497	.02828	.01894	82562	76015	72597	70544	69208	.14291	.78877	.45481
42.00	.16983	.07583	.04272	.02679	.01792	83017	76722	73444	71477	70196	.13486	.76053	.44659
43.00	.16532	.07245	.04055	.02536	.01695	83468	77421	74281	72398	71171	.12712	.73285	.43843
44.00	.16085	.06915	.03846	.02398	.01601	83915	78112	75108	73307	72133	.11970	.70597	.43044
45.00	.15641	.06594	.03643	.02266	.01511	84359	78796	75925	74205	73084	.11264	.68013	.42265
46.00	.15202	.06281	.03448	.02139	.01425	84798	79472	76731	75090	74020	.10587	.65480	.41496
47.00	.14765	.05976	.03259	.02016	.01342	85235	80141	77529	75966	74946	.09940	.63037	.40745
48.00	.14332	.05679	.03077	.01899	.01263	85668	80803	78316	76829	75859	.09320	.60642	.40001
49.00	.13901	.05389	.02902	.01786	.01187	86099	81459	79096	77683	76761	.08725	.58289	.39259
50.00	.13474	.05108	.02732	.01678	.01114	86526	82107	79863	78523	77648	.08161	.56030	.38540
51.00	.13049	.04833	.02569	.01574	.01044	86951	82749	80623	79354	78525	.07620	.53811	.37824
52.00	.12626	.04566	.02412	.01474	.00977	87374	83384	81373	80174	79391	.07106	.51675	.37126
53.00	.12206	.04307	.02260	.01378	.00913	87794	84013	82114	80982	80243	.06615	.49574	.36430
54.00	.11788	.04055	.02114	.01286	.00852	88212	84635	82846	81780	81084	.06146	.47524	.35742
55.00	.11372	.03811	.01974	.01198	.00793	88628	85251	83568	82567	81912	.05701	.45541	.35065
56.00	.10959	.03574	.01840	.01114	.00737	89041	85859	84279	83340	82726	.05279	.43609	.34397
57.00	.10548	.03345	.01710	.01033	.00683	89452	86460	84981	84103	83528	.04876	.41711	.33732
58.00	.10138	.03122	.01587	.00956	.00632	89862	87056	85675	84856	84319	.04493	.39851	.33067
59.00	.09731	.02908	.01468	.00883	.00583	90269	87644	86358	85595	85096	.04131	.38065	.32420
60.00	.09326	.02700	.01355	.00813	.00537	90674	88226	87030	86323	85859	.03788	.36297	.31768
61.00	.08923	.02501	.01246.	.00747	.00493	91077	88799	87692	87038	86609	.03465	.34605	.31132
62.00	.08522	.02309	.01143	.00683	.00451	91478	89366	88345	87741	87345	.03158	.32919	.30487
63.00	.08124	.02214	.01045	.00624	.00411	91876	89924	88984	88430	88066	.02870	.31294	.29853
64.00	.07729 ′	.01948	.00952	.00567	.00374	92271	90474	89613	89104	88771	.02597	.29680	.29210
65.00	.07337	.01779	.00864	.00513	.00338	92663	91015	90229	89765	89461	.02344	.28146	.28590
66.00	.06947	.01618	.00780	.00463	.00305	93053	91548	90833	90413	90137	.02105	.26621	.27956
67.00	.06562	.01464	.00702	.00416	.00274	93438	92070	91423	91043	90794	.01882	.25131	.27326
68.00	.06180	.01320	.00628	.00371	.00245	93820	92582	92000	91658	91434	.01677	.23752	.26728
69.00	.05803	.01183	.00559	.00330	.00217	94197	93083	92562	92256	92056	.01485	.22349	.26105
70.00	.05430	.01054	.00495	.00292	.00192	94570	93574	93110	92839	92661	.01307	.20955	.25471
71.00	.05063	.00933	.00436	.00256	.00169	94937	94051	93642	93402	93244	.01143	.19618	.24844
72.00	.04702	.00821	.00381	.00223	.00147	95298	94516	94156	93946	93808	.00995	.18387	.24250
73.00	.04348	.00716	.00330	.00193	.00127	95652	94967	94654	94471	94350	.00858	.17064	.23596
74.00	.04002	.00620	.00284	.00166	.00109	95998	95403	95132	94974	94870	.00734	.15843	.22973
75.00	.03664	.00533	.00242	.00141	.00093	96336	95823	95591	95456	95367	.00625	.14751	.22394

Single Year Mortality Under Age 5

South Asian Pattern — Both sexes combined

Life exp at birth	Probability of dying between ages X and Y Q(X–Y)					Survivors at age X I(X)				
E(0)	Q(0–1)	Q(1–2)	Q(2–3)	Q(3–4)	Q(4–5)	I(1)	I(2)	I(3)	I(4)	I(5)
35.00	.21507	.10179	.05864	.03709	.02484	78493	70504	66369	63908	62321
36.00	.20944	.09754	.05586	.03522	.02357	79056	71345	67359	64987	63455
37.00	.20389	.09341	.05318	.03345	.02236	79611	72175	68337	66051	64574
38.00	.19841	.08939	.05059	.03174	.02121	80159	72993	69301	67101	65678
39.00	.19300	.08549	.04809	.03010	.02009	80700	73801	70251	68136	66767
40.00	.18766	.08169	.04568	.02853	.01903	81234	74598	71190	69159	67843
41.00	.18239	.07800	.04336	.02703	.01801	81761	75384	72115	70166	68902
42.00	.17717	.07439	.04114	.02557	.01704	82283	76162	73029	71161	69949
43.00	.17201	.07090	.03897	.02417	.01611	82799	76929	73931	72143	70981
44.00	.16690	.06750	.03689	.02284	.01520	83310	77686	74820	73111	72000
45.00	.16184	.06419	.03489	.02155	.01433	83816	78435	75699	74067	73006
46.00	.15684	.06097	.03296	.02032	.01351	84316	79175	76566	75010	73996
47.00	.15188	.05785	.03109	.01913	.01272	84812	79905	77421	75940	74974
48.00	.14697	.05481	.02930	.01800	.01195	85303	80628	78266	76857	75938
49.00	.14209	.05186	.02756	.01690	.01124	85791	81342	79100	77763	76889
50.00	.13727	.04899	.02590	.01586	.01054	86273	82046	79921	78654	77825
51.00	.13249	.04622	.02430	.01485	.00987	86751	82742	80731	79532	78747
52.00	.12774	.04353	.02276	.01388	.00922	87226	83429	81530	80398	79657
53.00	.12303	.04091	.02128	.01297	.00861	87697	84109	82319	81251	80552
54.00	.11837	.03839	.01986	.01208	.00802	88163	84779	83095	82091	81433
55.00	.11374	.03594	.01850	.01123	.00746	88626	85441	83860	82918	82300
56.00	.10914	.03358	.01719	.01043	.00692	89086	86094	84614	83731	83152
57.00	.10459	.03130	.01594	.00965	.00642	89541	86738	85355	84531	83988
58.00	.10008	.02911	.01474	.00892	.00593	89992	87373	86085	85317	84811
59.00	.09560	.02699	.01360	.00822	.00546	90440	87999	86803	86089	85618
60.00	.09117	.02495	.01251	.00755	.00502	90883	88615	87506	86846	86410
61.00	.08678	.02300	.01147	.00692	.00461	91322	89222	88199	87589	87185
62.00	.08243	.02113	.01048	.00632	.00421	91757	89818	88877	88316	87944
63.00	.07813	.01934	.00955	.00574	.00383	92187	90404	89541	89027	88686
64.00	.07388	.01763	.00866	.00521	.00347	92612	90979	90191	89721	89409
65.00	.06968	.01601	.00783	.00470	.00314	93032	91542	90826	90399	90115
66.00	.06554	.01447	.00704	.00422	.00282	93446	92094	91446	91059	90802
67.00	.06146	.01302	.00630	.00378	.00253	93854	92632	92048	91701	91469
68.00	.05744	.01165	.00561	.00337	.00225	94256	93158	92636	92324	92116
69.00	.05350	.01036	.00497	.00298	.00199	94650	93669	93204	92926	92741
70.00	.04963	.00915	.00437	.00262	.00175	95037	94167	93755	93510	93346
71.00	.04586	.00804	.00381	.00228	.00153	95414	94647	94286	94071	93927
72.00	.04217	.00700	.00331	.00198	.00133	95783	95112	94797	94610	94484
73.00	.03859	.00605	.00285	.00170	.00115	96141	95559	95287	95125	95016
74.00	.03512	.00518	.00243	.00145	.00098	96488	95988	95755	95616	95522
75.00	.03177	.00440	.00205	.00123	.00083	96823	96397	96199	96081	96002

Single Year Mortality Under Age 5

Far Eastern Pattern — Males

Life exp at birth	Probability of dying between ages X and Y Q(X–Y)					Survivors at age X I(X)					Interpolation parameters T(I)		
E(0)	Q(0–1)	Q(1–2)	Q(2–3)	Q(3–4)	Q(4–5)	I(1)	I(2)	I(3)	I(4)	I(5)	T(1)	T(2)	T(3)
35.00	.16455	.04979	.02904	.01989	.01475	83545	79386	77080	75547	74433	.05665	.17779	.26883
36.00	.15873	.04691	.02730	.01869	.01387	84127	80180	77992	76534	75472	.05313	.17061	.26386
37.00	.15304	.04416	.02564	.01756	.01303	84696	80956	78880	77495	76485	.04979	.16351	.25893
38.00	.14746	.04154	.02407	.01648	.01224	85254	81713	79746	78432	77472	.04663	.15676	.25414
39.00	.14200	.03903	.02257	.01545	.01148	85800	82451	80591	79345	78434	.04362	.15008	.24938
40.00	.13664	.03663	.02114	.01448	.01077	86336	83173	81415	80236	79372	.04076	.14364	.24469
41.00	.13139	.03435	.01979	.01355	.01008	86861	83878	82218	81104	80286	.03806	.13743	.24011
42.00	.12624	.03216	.01850	.01267	.00944	87376	84566	83002	81950	81177	.03549	.13134	.23557
43.00	.12119	.03007	.01727	.01183	.00882	87881	85238	83766	82775	82045	.03305	.12538	.23106
44.00	.11624	.02809	.01611	.01104	.00823	88376	85894	84510	83578	82890	.03074	.11967	.22666
45.00	.11138	.02618	.01500	.01028	.00768	88862	86535	85237	84361	83713	.02854	.11395	.22220
46.00	.10661	.02437	.01394	.00956	.00715	89339	87161	85946	85124	84516	.02647	.10848	.21785
47.00	.10193	.02265	.01294	.00888	.00664	89807	87773	86637	85867	85297	.02450	.10318	.21357
48.00	.09733	.02100	.01199	.00823	.00617	90267	88371	87312	86593	86059	.02263	.09787	.20921
49.00	.09283	.01944	.01109	.00762	.00571	90717	88954	87967	87297	86798	.02087	.09274	.20492
50.00	.08841	.01796	.01024	.00704	.00528	91159	89522	88606	87982	87517	.01921	.08789	.20075
51.00	.08407	.01655	.00943	.00649	.00487	91593	90077	89228	88649	88217	.01764	.08311	.19656
52.00	.07982	.01521	.00866	.00597	.00449	92018	90618	89833	89297	88897	.01616	.07842	.19238
53.00	.07566	.01395	.00794	.00547	.00412	92434	91145	90421	89926	89556	.01476	.07380	.18817
54.00	.07159	.01275	.00726	.00501	.00378	92841	91657	90992	90536	90194	.01345	.06930	.18398
55.00	.06760	.01162	.00661	.00457	.00345	93240	92156	91547	91128	90814	.01222	.06504	.17989
56.00	.06370	.01056	.00601	.00416	.00315	93630	92641	92084	91701	91413	.01107	.06096	.17585
57.00	.05989	.00956	.00544	.00377	.00286	94011	93112	92605	92256	91993	.00999	.05685	.17171
58.00	.05617	.00862	.00491	.00341	.00259	94383	93570	93110	92793	92553	.00898	.05270	.16744
59.00	.05254	.00774	.00441	.00307	.00233	94746	94013	93598	93310	93093	.00804	.04887	.16331
60.00	.04901	.00693	.00395	.00275	.00209	95099	94440	94067	93808	93612	.00717	.04526	.15927
61.00	.04557	.00616	.00352	.00245	.00187	95443	94855	94521	94289	94113	.00636	.04162	.15512
62.00	.04224	.00545	.00312	.00218	.00167	95776	95254	94956	94749	94591	.00562	.03801	.15085
63.00	.03901	.00481	.00275	.00193	.00148	96099	95637	95374	95190	95050	.00494	.03482	.14684
64.00	.03588	.00421	.00241	.00169	.00130	96412	96006	95775	95613	95488	.00431	.03169	.14276
65.00	.03287	.00366	.00210	.00148	.00114	96713	96359	96156	96014	95904	.00374	.02851	.13844
66.00	.02998	.00316	.00182	.00129	.00099	97002	96695	96519	96395	96300	.00322	.02553	.13420
67.00	.02720	.00271	.00156	.00111	.00085	97280	97017	96865	96758	96675	.00276	.02282	.13010
68.00	.02455	.00230	.00133	.00095	.00073	97545	97321	97191	97099	97028	.00233	.02010	.12579
69.00	.02203	.00193	.00113	.00080	.00062	97797	97608	97498	97420	97359	.00196	.01741	.12124
70.00	.01965	.00162	.00095	.00067	.00052	98035	97876	97784	97718	97666	.00164	.01556	.11764
71.00	.01740	.00133	.00078	.00056	.00044	98260	98129	98052	97997	97954	.00135	.01316	.11304
72.00	.01530	.00109	.00064	.00046	.00036	98470	98363	98300	98254	98219	.00110	.01113	.10866
73.00	.01335	.00088	.00052	.00038	.00030	98665	98578	98527	98490	98461	.00089	.00931	.10430
74.00	.01155	.00070	.00042	.00030	.00024	98845	98775	98734	98704	98681	.00071	.00800	.10069
75.00	.00990	.00055	.00033	.00024	.00019	99010	98955	98923	98899	98880	.00055	.00649	.09632

Far Eastern Pattern — Females

Life exp at birth	Probability of dying between ages X and Y Q(X–Y)					Survivors at age X I(X)					Interpolation parameters T(I)		
E(0)	Q(0–1)	Q(1–2)	Q(2–3)	Q(3–4)	Q(4–5)	I(1)	I(2)	I(3)	I(4)	I(5)	T(1)	T(2)	T(3)
35.00	.14593	.05323	.03088	.02073	.01502	85407	80861	78364	76739	75587	.06812	.33436	.30444
36.00	.14183	.05065	.02925	.01960	.01419	85817	81471	79088	77538	76437	.06436	.32212	.29989
37.00	.13781	.04816	.02769	.01852	.01340	86219	82067	79794	78316	77266	.06079	.31040	.29549
38.00	.13387	.04577	.02621	.01750	.01266	86613	82649	80483	79075	78074	.05738	.29888	.29111
39.00	.13000	.04347	.02478	.01652	.01194	87000	83218	81155	79814	78861	.05415	.28795	.28689
40.00	.12619	.04126	.02342	.01559	.01126	87381	83776	81813	80537	79630	.05106	.27721	.28267
41.00	.12244	.03913	.02212	.01471	.01062	87756	84322	82457	81244	80382	.04811	.26688	.27856
42.00	.11875	.03708	.02088	.01386	.01000	88125	84857	83086	81934	81115	.04531	.25689	.27451
43.00	.11511	.03510	.01969	.01305	.00941	88489	85383	83702	82610	81832	.04262	.24708	.27046
44.00	.11153	.03320	.01855	.01228	.00885	88847	85897	84304	83269	82532	.04008	.23769	.26654
45.00	.10800	.03138	.01746	.01154	.00831	89200	86401	84893	83913	83216	.03765	.22866	.26271
46.00	.10451	.02961	.01641	.01084	.00780	89549	86897	85471	84545	83885	.03532	.21968	.25882
47.00	.10107	.02792	.01542	.01016	.00732	89893	87384	86037	85162	84539	.03311	.21110	.25505
48.00	.09767	.02628	.01446	.00952	.00685	90233	87861	86591	85767	85179	.03100	.20283	.25136
49.00	.09431	.02471	.01354	.00891	.00641	90569	88331	87134	86358	85805	.02898	.19465	.24763
50.00	.09100	.02320	.01267	.00832	.00598	90900	88791	87666	86937	86417	.02706	.18658	.24390
51.00	.08772	.02175	.01183	.00776	.00558	91228	89244	88188	87503	87015	.02523	.17885	.24024
52.00	.08448	.02035	.01103	.00723	.00520	91552	89689	88699	88058	87601	.02348	.17135	.23663
53.00	.08128	.01901	.01027	.00672	.00483	91872	90125	89200	88600	88172	.02182	.16399	.23302
54.00	.07811	.01773	.00954	.00624	.00448	92189	90555	89691	89131	88732	.02024	.15691	.22947
55.00	.07498	.01650	.00885	.00578	.00415	92502	90976	90171	89650	89278	.01875	.15007	.22598
56.00	.07188	.01531	.00818	.00534	.00383	92812	91391	90643	90159	89813	.01731	.14307	.22233
57.00	.06882	.01419	.00755	.00492	.00353	93118	91797	91103	90655	90335	.01596	.13658	.21887
58.00	.06580	.01311	.00696	.00453	.00325	93420	92195	91554	91139	90843	.01468	.13017	.21539
59.00	.06281	.01208	.00639	.00415	.00298	93719	92587	91995	91613	91340	.01346	.12388	.21187
60.00	.05985	.01110	.00585	.00380	.00272	94015	92971	92427	92076	91825	.01231	.11768	.20832
61.00	.05694	.01017	.00534	.00347	.00248	94306	93346	92848	92526	92296	.01123	.11184	.20490
62.00	.05406	.00929	.00486	.00315	.00226	94594	93715	93260	92966	92756	.01020	.10592	.20133
63.00	.05122	.00845	.00441	.00285	.00205	94878	94076	93662	93394	93203	.00924	.10022	.19782
64.00	.04842	.00766	.00398	.00257	.00184	95158	94429	94053	93811	93638	.00834	.09476	.19437
65.00	.04566	.00691	.00358	.00231	.00166	95434	94775	94435	94217	94061	.00749	.08914	.19071
66.00	.04295	.00621	.00320	.00207	.00148	95705	95110	94806	94610	94469	.00671	.08421	.18740
67.00	.04028	.00556	.00286	.00184	.00132	95972	95439	95166	94991	94865	.00597	.07913	.18386
68.00	.03767	.00494	.00253	.00163	.00117	96233	95757	95515	95359	95248	.00529	.07402	.18023
69.00	.03511	.00437	.00223	.00144	.00103	96489	96067	95853	95715	95617	.00466	.06950	.17691
70.00	.03260	.00385	.00196	.00126	.00090	96740	96368	96179	96058	95972	.00409	.06478	.17326
71.00	.03016	.00336	.00170	.00109	.00078	96984	96658	96494	96388	96313	.00355	.06037	.16980
72.00	.02779	.00291	.00147	.00094	.00067	97221	96938	96795	96704	96639	.00307	.05600	.16623
73.00	.02548	.00251	.00126	.00081	.00058	97452	97207	97085	97006	96950	.00263	.05174	.16254
74.00	.02325	.00214	.00107	.00069	.00049	97675	97466	97362	97295	97247	.00224	.04754	.15886
75.00	.02110	.00181	.00090	.00058	.00041	97890	97713	97625	97568	97528	.00189	.04344	.15499

Far Eastern Pattern — Both sexes combined

Life exp at birth	Probability of dying between ages X and Y Q(X–Y)					Survivors at age X I(X)				
E(0)	Q(0–1)	Q(1–2)	Q(2–3)	Q(3–4)	Q(4–5)	I(1)	I(2)	I(3)	I(4)	I(5)
35.00	.15547	.05148	.02995	.02031	.01488	84453	80106	77706	76128	74996
36.00	.15049	.04875	.02825	.01914	.01403	84951	80810	78527	77024	75943
37.00	.14561	.04613	.02665	.01803	.01322	85439	81498	79326	77895	76866
38.00	.14083	.04362	.02512	.01698	.01245	85917	82170	80106	78746	77766
39.00	.13615	.04121	.02365	.01598	.01171	86385	82825	80866	79574	78642
40.00	.13154	.03890	.02226	.01503	.01101	86846	83467	81609	80383	79498
41.00	.12702	.03669	.02093	.01412	.01034	87298	84095	82335	81172	80333
42.00	.12259	.03457	.01966	.01326	.00971	87741	84708	83043	81942	81147
43.00	.11822	.03253	.01845	.01242	.00911	88178	85309	83735	82695	81941
44.00	.11394	.03059	.01730	.01164	.00853	88606	85895	84410	83427	82715
45.00	.10973	.02872	.01620	.01089	.00799	89027	86470	85069	84142	83471
46.00	.10559	.02694	.01514	.01018	.00747	89441	87032	85714	84842	84208
47.00	.10151	.02522	.01415	.00951	.00697	89849	87583	86344	85523	84927
48.00	.09750	.02358	.01319	.00886	.00650	90250	88122	86960	86190	85630
49.00	.09355	.02201	.01229	.00824	.00605	90645	88650	87561	86839	86314
50.00	.08967	.02051	.01142	.00766	.00562	91033	89165	88147	87472	86980
51.00	.08585	.01908	.01059	.00711	.00521	91415	89671	88721	88090	87631
52.00	.08209	.01771	.00982	.00658	.00482	91791	90165	89280	88693	88265
53.00	.07840	.01641	.00907	.00608	.00446	92160	90647	89825	89279	88881
54.00	.07477	.01517	.00836	.00561	.00412	92523	91119	90357	89851	89481
55.00	.07120	.01399	.00769	.00516	.00379	92880	91580	90876	90407	90065
56.00	.06769	.01287	.00706	.00473	.00348	93231	92031	91381	90949	90633
57.00	.06425	.01181	.00647	.00432	.00318	93575	92471	91872	91475	91184
58.00	.06087	.01080	.00590	.00395	.00291	93913	92899	92351	91986	91719
59.00	.05755	.00984	.00537	.00360	.00264	94245	93317	92816	92482	92238
60.00	.05430	.00895	.00487	.00326	.00240	94570	93723	93267	92963	92740
61.00	.05112	.00811	.00440	.00294	.00217	94888	94119	93705	93429	93227
62.00	.04801	.00731	.00396	.00265	.00195	95199	94503	94129	93879	93696
63.00	.04497	.00657	.00355	.00238	.00175	95503	94876	94539	94314	94149
64.00	.04200	.00588	.00317	.00212	.00157	95800	95237	94935	94734	94586
65.00	.03911	.00523	.00282	.00188	.00139	96089	95586	95316	95137	95005
66.00	.03631	.00464	.00249	.00166	.00123	96369	95922	95683	95524	95407
67.00	.03358	.00408	.00219	.00146	.00108	96642	96247	96036	95896	95792
68.00	.03095	.00358	.00191	.00128	.00094	96905	96558	96373	96250	96160
69.00	.02841	.00312	.00166	.00111	.00082	97159	96856	96696	96588	96509
70.00	.02597	.00270	.00143	.00096	.00071	97403	97140	97001	96908	96840
71.00	.02362	.00232	.00123	.00082	.00060	97638	97411	97292	97212	97154
72.00	.02139	.00197	.00104	.00070	.00051	97861	97668	97566	97498	97448
73.00	.01927	.00167	.00087	.00059	.00043	98073	97909	97824	97766	97724
74.00	.01726	.00140	.00073	.00049	.00036	98274	98136	98065	98017	97981
75.00	.01536	.00116	.00060	.00041	.00030	98464	98349	98290	98250	98220

General Pattern — Males

Life exp at birth	Probability of dying between ages X and Y Q(X–Y)					Survivors at age X I(X)					Interpolation parameters T(I)		
E(0)	Q(0–1)	Q(1–2)	Q(2–3)	Q(3–4)	Q(4–5)	I(1)	I(2)	I(3)	I(4)	I(5)	T(1)	T(2)	T(3)
35.00	.20001	.06734	.03826	.02531	.01812	79999	74612	71758	69942	68674	.08164	.25607	.32489
36.00	.19388	.06394	.03621	.02394	.01714	80612	75457	72725	70984	69767	.07713	.24747	.31931
37.00	.18785	.06068	.03426	.02263	.01621	81215	76287	73673	72006	70839	.07283	.23921	.31387
38.00	.18192	.05754	.03238	.02138	.01532	81808	77101	74604	73009	71890	.06870	.23101	.30846
39.00	.17610	.05452	.03059	.02019	.01447	82390	77898	75515	73991	72920	.06477	.22305	.30317
40.00	.17036	.05161	.02888	.01905	.01366	82964	78682	76410	74955	73931	.06100	.21525	.29792
41.00	.16471	.04881	.02724	.01796	.01288	83529	79452	77288	75900	74922	.05741	.20769	.29279
42.00	.15916	.04612	.02567	.01692	.01214	84084	80206	78147	76825	75893	.05398	.20025	.28770
43.00	.15368	.04353	.02416	.01592	.01143	84632	80948	78992	77734	76846	.05070	.19297	.28267
44.00	.14828	.04103	.02272	.01497	.01075	85172	81677	79821	78626	77781	.04755	.18568	.27761
45.00	.14297	.03864	.02134	.01406	.01011	85703	82392	80633	79499	78696	.04456	.17874	.27272
46.00	.13773	.03633	.02003	.01319	.00949	86227	83094	81430	80356	79594	.04170	.17187	.26783
47.00	.13256	.03412	.01876	.01236	.00890	86744	83785	82213	81196	80474	.03897	.16511	.26297
48.00	.12747	.03199	.01756	.01157	.00833	87253	84462	82979	82020	81336	.03636	.15843	.25812
49.00	.12244	.02995	.01640	.01081	.00779	87756	85128	83732	82827	82182	.03388	.15204	.25339
50.00	.11749	.02799	.01530	.01008	.00727	88251	85781	84469	83617	83009	.03152	.14564	.24862
51.00	.11261	.02611	.01425	.00939	.00678	88739	86422	85191	84391	83818	.02927	.13942	.24392
52.00	.10780	.02431	.01324	.00873	.00631	89220	87051	85898	85148	84611	.02712	.13329	.23923
53.00	.10305	.02258	.01229	.00810	.00586	89695	87669	86592	85890	85387	.02509	.12727	.23455
54.00	.09837	.02094	.01137	.00751	.00544	90163	88275	87271	86616	86145	.02315	.12136	.22987
55.00	.09376	.01936	.01050	.00694	.00503	90624	88869	87936	87326	86887	.02132	.11561	.22526
56.00	.08922	.01786	.00968	.00639	.00464	91078	89451	88586	88019	87611	.01957	.10987	.22060
57.00	.08475	.01643	.00889	.00588	.00427	91525	90021	89221	88696	88317	.01792	.10414	.21587
58.00	.08035	.01507	.00815	.00539	.00392	91965	90579	89841	89356	89006	.01637	.09881	.21135
59.00	.07602	.01378	.00745	.00493	.00359	92398	91125	90446	90000	89677	.01490	.09340	.20669
60.00	.07177	.01255	.00678	.00450	.00328	92823	91658	91036	90627	90330	.01352	.08808	.20204
61.00	.06759	.01140	.00615	.00408	.00298	93241	92178	91611	91237	90965	.01222	.08290	.19739
62.00	.06349	.01030	.00556	.00369	.00270	93651	92686	92171	91831	91582	.01100	.07772	.19267
63.00	.05947	.00928	.00500	.00333	.00244	94053	93181	92715	92406	92180	.00986	.07294	.18815
64.00	.05554	.00831	.00448	.00299	.00219	94446	93661	93241	92962	92758	.00881	.06809	.18346
65.00	.05170	.00741	.00400	.00267	.00196	94830	94127	93751	93501	93317	.00782	.06338	.17882
66.00	.04795	.00657	.00354	.00237	.00175	95205	94580	94244	94021	93857	.00690	.05874	.17411
67.00	.04430	.00579	.00313	.00209	.00155	95570	95017	94720	94522	94375	.00606	.05418	.16932
68.00	.04075	.00507	.00274	.00184	.00136	95925	95439	95178	95003	94874	.00528	.04987	.16464
69.00	.03731	.00441	.00238	.00160	.00119	96269	95845	95616	95463	95350	.00458	.04572	.15991
70.00	.03399	.00380	.00206	.00139	.00103	96601	96234	96036	95903	95804	.00393	.04129	.15483
71.00	.03079	.00324	.00176	.00119	.00089	96921	96607	96436	96321	96236	.00335	.03726	.14991
72.00	.02771	.00275	.00149	.00101	.00076	97229	96962	96817	96719	96646	.00282	.03349	.14506
73.00	.02478	.00230	.00126	.00085	.00064	97522	97298	97176	97093	97030	.00236	.02952	.13981
74.00	.02200	.00191	.00104	.00071	.00053	97800	97613	97512	97442	97390	.00195	.02646	.13534
75.00	.01937	.00156	.00086	.00059	.00044	98063	97910	97826	97769	97726	.00159	.02313	.13032

General Pattern — Females

Life exp at birth	Probability of dying between ages X and Y Q(X–Y)					Survivors at age X I(X)					Interpolation parameters T(I)		
E(0)	Q(0–1)	Q(1–2)	Q(2–3)	Q(3–4)	Q(4–5)	I(1)	I(2)	I(3)	I(4)	I(5)	T(1)	T(2)	T(3)
35.00	.16449	.07311	.04393	.02969	.02143	83551	77443	74041	71843	70303	.10655	.54640	.35669
36.00	.16030	.06997	.04183	.02821	.02034	83970	78094	74828	72717	71238	.10101	.52681	.35100
37.00	.15617	.06693	.03981	.02679	.01930	84383	78735	75600	73575	72155	.09572	.50798	.34547
38.00	.15211	.06399	.03787	.02543	.01831	84789	79364	76358	74417	73054	.09065	.48960	.34001
39.00	.14810	.06113	.03600	.02412	.01736	85190	79983	77103	75243	73937	.08580	.47180	.33465
40.00	.14415	.05836	.03420	.02287	.01644	85585	80590	77834	76054	74803	.08117	.45465	.32942
41.00	.14025	.05568	.03247	.02168	.01557	85975	81188	78552	76850	75653	.07675	.43803	.32428
42.00	.13640	.05308	.03080	.02053	.01474	86360	81776	79257	77630	76486	.07251	.42189	.31921
43.00	.13260	.05055	.02920	.01942	.01393	86740	82355	79950	78398	77305	.06846	.40629	.31427
44.00	.12884	.04810	.02765	.01836	.01316	87116	82925	80632	79152	78110	.06458	.39107	.30937
45.00	.12512	.04573	.02617	.01734	.01243	87488	83487	81303	79893	78900	.06086	.37619	.30451
46.00	.12144	.04343	.02473	.01637	.01172	87856	84041	81962	80621	79676	.05732	.36203	.29981
47.00	.11780	.04119	.02335	.01543	.01104	88220	84586	82610	81336	80438	.05391	.34806	.29513
48.00	.11419	.03903	.02203	.01453	.01039	88581	85124	83249	82040	81187	.05066	.33445	.29048
49.00	.11061	.03693	.02075	.01366	.00977	88939	85654	83877	82731	81923	.04754	.32126	.28589
50.00	.10707	.03490	.01952	.01283	.00917	89293	86177	84495	83411	82646	.04456	.30837	.28135
51.00	.10356	.03294	.01833	.01203	.00859	89644	86692	85102	84078	83355	.04173	.29607	.27696
52.00	.10007	.03103	.01720	.01127	.00805	89993	87201	85701	84735	84053	.03899	.28377	.27246
53.00	.09661	.02918	.01610	.01054	.00752	90339	87703	86291	85382	84740	.03638	.27169	.26799
54.00	.09318	.02740	.01505	.00983	.00702	90682	88198	86870	86016	85412	.03389	.26014	.26363
55.00	.08977	.02568	.01404	.00916	.00653	91023	88686	87440	86639	86073	.03152	.24900	.25934
56.00	.08639	.02401	.01308	.00852	.00607	91361	89167	88001	87251	86722	.02926	.23803	.25505
57.00	.08304	.02241	.01215	.00790	.00563	91696	89641	88552	87853	87358	.02710	.22719	.25074
58.00	.07971	.02086	.01126	.00732	.00521	92029	90109	89094	88442	87982	.02504	.21671	.24647
59.00	.07640	.01938	.01041	.00676	.00481	92360	90570	89627	89022	88594	.02309	.20669	.24229
60.00	.07312	.01794	.00960	.00622	.00443	92688	91025	90151	89590	89193	.02123	.19643	.23793
61.00	.06987	.01658	.00883	.00571	.00407	93013	91471	90664	90145	89779	.01947	.18687	.23379
62.00	.06664	.01526	.00810	.00523	.00372	93336	91912	91167	90690	90353	.01780	.17741	.22958
63.00	.06344	.01400	.00740	.00478	.00340	93656	92344	91661	91224	90914	.01622	.16796	.22527
64.00	.06027	.01281	.00674	.00434	.00309	93973	92769	92144	91744	91461	.01474	.15923	.22120
65.00	.05713	.01166	.00611	.00393	.00280	94287	93187	92618	92254	91996	.01333	.15028	.21692
66.00	.05402	.01058	.00552	.00355	.00252	94598	93597	93081	92751	92517	.01201	.14167	.21269
67.00	.05094	.00955	.00496	.00319	.00226	94906	93999	93533	93235	93024	.01077	.13343	.20850
68.00	.04790	.00858	.00444	.00285	.00202	95210	94393	93974	93707	93517	.00961	.12525	.20425
69.00	.04490	.00767	.00395	.00253	.00180	95510	94777	94403	94164	93995	.00854	.11740	.20002
70.00	.04195	.00681	.00349	.00223	.00159	95805	95152	94820	94608	94458	.00753	.10956	.19569
71.00	.03905	.00602	.00307	.00196	.00139	96095	95517	95223	95037	94904	.00662	.10257	.19170
72.00	.03620	.00528	.00268	.00171	.00121	96380	95872	95615	95451	95335	.00576	.09507	.18725
73.00	.03341	.00459	.00232	.00148	.00105	96659	96215	95992	95850	95749	.00499	.08815	.18301
74.00	.03069	.00396	.00199	.00127	.00090	96931	96547	96355	96233	96146	.00427	.08120	.17860
75.00	.02804	.00339	.00170	.00108	.00077	97196	96867	96702	96597	96523	.00364	.07459	.17413

General Pattern — Both sexes combined

Life exp at birth	Probability of dying between ages X and Y Q(X–Y)					Survivors at age X I(X)				
E(0)	Q(0–1)	Q(1–2)	Q(2–3)	Q(3–4)	Q(4–5)	I(1)	I(2)	I(3)	I(4)	I(5)
35.00	.18268	.07021	.04107	.02748	.01976	81732	75993	72872	70869	69469
36.00	.17750	.06695	.03899	.02605	.01872	82250	76743	73751	71829	70485
37.00	.17240	.06379	.03702	.02468	.01773	82760	77481	74613	72771	71481
38.00	.16738	.06074	.03510	.02337	.01680	83262	78205	75460	73696	72458
39.00	.16244	.05780	.03327	.02212	.01589	83756	78915	76290	74602	73416
40.00	.15757	.05496	.03150	.02093	.01503	84243	79613	77105	75491	74356
41.00	.15278	.05221	.02982	.01978	.01421	84722	80299	77905	76363	75279
42.00	.14806	.04956	.02820	.01869	.01341	85194	80972	78688	77218	76182
43.00	.14340	.04700	.02664	.01764	.01266	85660	81634	79459	78058	77070
44.00	.13880	.04453	.02515	.01663	.01193	86120	82286	80217	78883	77941
45.00	.13426	.04213	.02371	.01567	.01124	86574	82926	80960	79691	78796
46.00	.12978	.03983	.02234	.01474	.01058	87022	83556	81690	80485	79634
47.00	.12536	.03760	.02102	.01386	.00994	87464	84176	81264	80456
48.00	.12099	.03545	.01975	.01301	.00934	87901	84785	83111	82030	81263
49.00	.11667	.03338	.01853	.01220	.00875	88333	85385	83803	82780	82056
50.00	.11241	.03138	.01736	.01142	.00820	88759	85974	84482	83517	82832
51.00	.10820	.02945	.01625	.01068	.00767	89180	86554	85148	84238	83592
52.00	.10403	.02760	.01518	.00997	.00715	89597	87124	85802	84947	84339
53.00	.09991	.02581	.01415	.00929	.00666	90009	87686	86445	85642	85071
54.00	.09584	.02410	.01317	.00864	.00621	90416	88237	87075	86323	85787
55.00	.09181	.02245	.01223	.00802	.00576	90819	88780	87694	86991	86490
56.00	.08784	.02087	.01133	.00743	.00533	91216	89312	88301	87644	87177
57.00	.08392	.01935	.01047	.00686	.00493	91608	89836	88895	88285	87849
58.00	.08004	.01790	.00966	.00633	.00454	91996	90350	89477	88910	88506
59.00	.07621	.01651	.00889	.00581	.00418	92379	90854	90046	89523	89149
60.00	.07243	.01518	.00815	.00533	.00384	92757	91349	90604	90121	89775
61.00	.06870	.01392	.00745	.00488	.00350	93130	91833	91149	90704	90386
62.00	.06503	.01272	.00679	.00444	.00320	93497	92308	91681	91274	90982
63.00	.06141	.01158	.00616	.00403	.00291	93859	92773	92201	91829	91562
64.00	.05785	.01050	.00558	.00365	.00263	94215	93226	92706	92368	92125
65.00	.05435	.00948	.00502	.00328	.00237	94565	93668	93198	92893	92673
66.00	.05091	.00852	.00450	.00294	.00212	94909	94100	93677	93401	93203
67.00	.04754	.00762	.00401	.00262	.00190	95246	94520	94141	93894	93716
68.00	.04424	.00677	.00356	.00232	.00168	95576	94929	94591	94371	94212
69.00	.04101	.00599	.00314	.00205	.00148	95899	95324	95024	94829	94689
70.00	.03787	.00526	.00275	.00180	.00130	96213	95706	95443	95271	95147
71.00	.03482	.00459	.00240	.00156	.00113	96518	96075	95844	95695	95586
72.00	.03185	.00397	.00207	.00135	.00098	96815	96430	96231	96100	96006
73.00	.02899	.00341	.00177	.00116	.00085	97101	96770	96598	96487	96405
74.00	.02624	.00291	.00150	.00098	.00071	97376	97093	96948	96852	96783
75.00	.02360	.00245	.00127	.00083	.00060	97640	97401	97278	97197	97139

ANNEX III

Five-year life table survival ratios

Five–Year Life Table Survival Ratios

Latin American Pattern — Males

Life exp at birth	Birth to 0–4	0–4 to 5–9	5–9 to 10–14	10–14 to 15–19	15–19 to 20–24	20–24 to 25–29	25–29 to 30–34	30–34 to 35–39	35–39 to 40–44	40–44 to 45–49	45–49 to 50–54	50–54 to 55–59	55–59 to 60–64	60–64 to 65–69	65–69 to 70–74	70–74 to 75–79	75–79 to 80–84	80+ to 85+
35.00	.7391	.8760	.9632	.9712	.9577	.9459	.9395	.9311	.9214	.9086	.8918	.8674	.8314	.7757	.6959	.6025	.4986	.3458
36.00	.7473	.8818	.9649	.9725	.9595	.9481	.9419	.9338	.9241	.9115	.8946	.8703	.8344	.7790	.6997	.6065	.5023	.3481
37.00	.7554	.8874	.9666	.9737	.9612	.9502	.9443	.9363	.9268	.9142	.8974	.8731	.8374	.7824	.7035	.6105	.5060	.3504
38.00	.7633	.8928	.9682	.9749	.9628	.9523	.9465	.9388	.9294	.9169	.9001	.8759	.8404	.7857	.7073	.6146	.5097	.3527
39.00	.7711	.8979	.9697	.9760	.9644	.9543	.9487	.9412	.9319	.9195	.9028	.8787	.8433	.7890	.7111	.6186	.5135	.3550
40.00	.7788	.9029	.9712	.9771	.9660	.9562	.9509	.9435	.9344	.9221	.9055	.8814	.8463	.7923	.7149	.6227	.5173	.3574
41.00	.7863	.9077	.9726	.9781	.9674	.9580	.9529	.9458	.9368	.9246	.9081	.8841	.8492	.7956	.7187	.6267	.5211	.3597
42.00	.7937	.9123	.9740	.9791	.9689	.9598	.9549	.9480	.9391	.9271	.9107	.8868	.8520	.7989	.7226	.6308	.5249	.3621
43.00	.8010	.9167	.9753	.9801	.9703	.9616	.9568	.9502	.9414	.9295	.9132	.8895	.8549	.8022	.7264	.6350	.5288	.3645
44.00	.8082	.9210	.9766	.9810	.9716	.9633	.9587	.9523	.9437	.9319	.9157	.8921	.8578	.8055	.7303	.6391	.5328	.3670
45.00	.8152	.9251	.9778	.9819	.9729	.9649	.9606	.9543	.9458	.9342	.9182	.8947	.8607	.8088	.7341	.6433	.5368	.3695
46.00	.8221	.9291	.9790	.9828	.9742	.9665	.9623	.9563	.9480	.9365	.9206	.8973	.8635	.8121	.7380	.6476	.5408	.3720
47.00	.8290	.9329	.9801	.9837	.9754	.9681	.9641	.9582	.9501	.9387	.9230	.8999	.8663	.8154	.7419	.6518	.5449	.3745
48.00	.8357	.9366	.9812	.9845	.9766	.9696	.9657	.9601	.9521	.9409	.9254	.9025	.8692	.8187	.7459	.6562	.5491	.3771
49.00	.8423	.9402	.9823	.9853	.9777	.9711	.9674	.9619	.9541	.9431	.9277	.9050	.8720	.8221	.7498	.6605	.5533	.3798
50.00	.8487	.9436	.9833	.9861	.9789	.9725	.9690	.9637	.9561	.9453	.9301	.9076	.8749	.8254	.7539	.6650	.5576	.3824
51.00	.8551	.9469	.9842	.9868	.9799	.9739	.9705	.9654	.9580	.9474	.9324	.9101	.8777	.8288	.7579	.6695	.5620	.3852
52.00	.8614	.9501	.9852	.9875	.9810	.9752	.9720	.9671	.9598	.9494	.9346	.9126	.8806	.8322	.7620	.6741	.5664	.3880
53.00	.8676	.9532	.9861	.9882	.9820	.9765	.9734	.9688	.9617	.9515	.9369	.9152	.8834	.8356	.7661	.6787	.5710	.3908
54.00	.8736	.9561	.9869	.9889	.9830	.9778	.9749	.9704	.9635	.9535	.9391	.9177	.8863	.8390	.7703	.6834	.5757	.3937
55.00	.8796	.9589	.9878	.9895	.9840	.9790	.9762	.9719	.9652	.9555	.9414	.9202	.8892	.8425	.7745	.6882	.5804	.3967
56.00	.8853	.9618	.9886	.9902	.9849	.9802	.9776	.9734	.9669	.9574	.9436	.9227	.8920	.8460	.7788	.6931	.5853	.3998
57.00	.8909	.9645	.9893	.9908	.9858	.9814	.9789	.9749	.9686	.9593	.9457	.9251	.8949	.8495	.7832	.6981	.5903	.4029
58.00	.8964	.9671	.9901	.9914	.9867	.9825	.9801	.9764	.9703	.9612	.9479	.9276	.8978	.8530	.7876	.7032	.5954	.4061
59.00	.9019	.9696	.9908	.9919	.9875	.9836	.9813	.9778	.9719	.9631	.9500	.9301	.9008	.8567	.7921	.7084	.6007	.4094
60.00	.9072	.9720	.9915	.9925	.9883	.9846	.9825	.9791	.9734	.9649	.9522	.9326	.9037	.8603	.7967	.7137	.6061	.4128
61.00	.9124	.9743	.9921	.9930	.9891	.9856	.9837	.9804	.9750	.9667	.9543	.9351	.9067	.8640	.8013	.7191	.6117	.4163
62.00	.9175	.9765	.9927	.9935	.9899	.9866	.9848	.9817	.9765	.9685	.9564	.9376	.9097	.8677	.8060	.7247	.6174	.4200
63.00	.9225	.9786	.9933	.9940	.9906	.9876	.9859	.9830	.9779	.9702	.9584	.9401	.9127	.8715	.8109	.7304	.6233	.4237
64.00	.9274	.9805	.9939	.9945	.9913	.9885	.9869	.9842	.9794	.9719	.9605	.9425	.9157	.8753	.8158	.7362	.6294	.4276
65.00	.9322	.9824	.9944	.9949	.9920	.9894	.9879	.9853	.9808	.9736	.9625	.9450	.9188	.8792	.8208	.7422	.6358	.4317
66.00	.9368	.9841	.9949	.9954	.9927	.9902	.9889	.9865	.9821	.9753	.9646	.9475	.9218	.8832	.8259	.7484	.6423	.4358
67.00	.9414	.9858	.9954	.9958	.9933	.9911	.9898	.9876	.9834	.9769	.9665	.9500	.9249	.8872	.8311	.7547	.6491	.4402
68.00	.9458	.9873	.9959	.9962	.9939	.9919	.9907	.9886	.9847	.9785	.9685	.9525	.9281	.8913	.8365	.7612	.6561	.4447
69.00	.9501	.9888	.9963	.9965	.9945	.9926	.9915	.9396	.9859	.9800	.9705	.9549	.9312	.8954	.8419	.7680	.6635	.4495
70.00	.9542	.9901	.9967	.9969	.9950	.9933	.9923	.9906	.9871	.9815	.9724	.9574	.9344	.8996	.8475	.7749	.6711	.4544
71.00	.9582	.9914	.9971	.9972	.9955	.9940	.9931	.9915	.9883	.9830	.9743	.9599	.9376	.9039	.8533	.7821	.6791	.4596
72.00	.9621	.9925	.9975	.9975	.9960	.9946	.9939	.9924	.9894	.9845	.9762	.9624	.9409	.9082	.8591	.7895	.6874	.4650
73.00	.9658	.9936	.9978	.9978	.9965	.9953	.9945	.9932	.9905	.9858	.9780	.9648	.9441	.9126	.8651	.7971	.6960	.4707
74.00	.9694	.9945	.9981	.9981	.9969	.9958	.9952	.9940	.9915	.9872	.9798	.9673	.9474	.9171	.8713	.8050	.7051	.4767
75.00	.9728	.9954	.9984	.9984	.9973	.9964	.9958	.9947	.9924	.9885	.9816	.9697	.9507	.9217	.8776	.8132	.7146	.4830

Five–Year Life Table Survival Ratios

Latin American Pattern — Females

Life exp at birth	Birth to 0–4	0–4 to 5–9	5–9 to 10–14	10–14 to 15–19	15–19 to 20–24	20–24 to 25–29	25–29 to 30–34	30–34 to 35–39	35–39 to 40–44	40–44 to 45–49	45–49 to 50–54	50–54 to 55–59	55–59 to 60–64	60–64 to 65–69	65–69 to 70–74	70–74 to 75–79	75–79 to 80–84	80+ to 85+
35.00	.7615	.8623	.9566	.9658	.9501	.9375	.9304	.9238	.9215	.9181	.9063	.8819	.8419	.7838	.7039	.6050	.4951	.3388
36.00	.7683	.8682	.9587	.9675	.9526	.9405	.9335	.9269	.9243	.9206	.9087	.8846	.8451	.7874	.7080	.6095	.4994	.3414
37.00	.7750	.8739	.9607	.9691	.9549	.9433	.9364	.9299	.9270	.9231	.9112	.8873	.8483	.7911	.7120	.6140	.5037	.3441
38.00	.7816	.8794	.9626	.9706	.9572	.9460	.9393	.9328	.9296	.9254	.9135	.8900	.8514	.7947	.7161	.6184	.5080	.3468
39.00	.7880	.8847	.9645	.9721	.9593	.9486	.9421	.9356	.9322	.9277	.9159	.8926	.8545	.7982	.7201	.6229	.5123	.3496
40.00	.7944	.8899	.9662	.9735	.9614	.9512	.9447	.9383	.9347	.9300	.9182	.8952	.8576	.8018	.7241	.6274	.5167	.3523
41.00	.8007	.8948	.9679	.9748	.9634	.9536	.9473	.9409	.9371	.9322	.9204	.8977	.8606	.8053	.7282	.6320	.5211	.3551
42.00	.8068	.8997	.9695	.9761	.9653	.9559	.9498	.9435	.9395	.9344	.9227	.9003	.8636	.8088	.7322	.6365	.5256	.3579
43.00	.8129	.9043	.9711	.9773	.9671	.9581	.9522	.9459	.9418	.9365	.9248	.9028	.8666	.8123	.7362	.6411	.5300	.3607
44.00	.8189	.9088	.9726	.9785	.9688	.9603	.9545	.9483	.9440	.9386	.9270	.9052	.8695	.8159	.7403	.6457	.5346	.3635
45.00	.8248	.9132	.9740	.9796	.9705	.9624	.9567	.9506	.9462	.9407	.9291	.9077	.8725	.8193	.7443	.6503	.5392	.3664
46.00	.8306	.9174	.9754	.9807	.9721	.9644	.9589	.9529	.9484	.9427	.9312	.9101	.8754	.8228	.7484	.6550	.5438	.3694
47.00	.8363	.9215	.9767	.9818	.9737	.9663	.9609	.9551	.9504	.9447	.9333	.9125	.8783	.8263	.7525	.6597	.5485	.3723
48.00	.8419	.9254	.9780	.9828	.9752	.9681	.9630	.9572	.9525	.9466	.9353	.9148	.8812	.8298	.7566	.6644	.5533	.3754
49.00	.8475	.9293	.9792	.9838	.9766	.9699	.9649	.9592	.9545	.9485	.9374	.9172	.8841	.8333	.7607	.6692	.5581	.3784
50.00	.8530	.9330	.9804	.9847	.9780	.9716	.9668	.9612	.9564	.9504	.9394	.9195	.8870	.8368	.7649	.6741	.5630	.3815
51.00	.8584	.9366	.9816	.9856	.9793	.9733	.9686	.9632	.9583	.9523	.9413	.9219	.8898	.8403	.7690	.6790	.5680	.3847
52.00	.8637	.9400	.9827	.9865	.9806	.9749	.9703	.9651	.9602	.9541	.9433	.9242	.8927	.8438	.7733	.6840	.5731	.3879
53.00	.8690	.9434	.9837	.9873	.9818	.9764	.9720	.9669	.9620	.9559	.9452	.9265	.8956	.8473	.7775	.6890	.5782	.3912
54.00	.8741	.9467	.9847	.9881	.9830	.9779	.9737	.9687	.9638	.9576	.9471	.9287	.8984	.8509	.7818	.6941	.5835	.3946
55.00	.8790	.9500	.9857	.9888	.9841	.9793	.9753	.9704	.9655	.9594	.9490	.9310	.9013	.8544	.7861	.6993	.5889	.3980
56.00	.8840	.9531	.9866	.9896	.9851	.9806	.9768	.9721	.9672	.9611	.9509	.9333	.9041	.8580	.7905	.7046	.5944	.4016
57.00	.8888	.9561	.9875	.9903	.9862	.9819	.9782	.9737	.9689	.9628	.9527	.9355	.9070	.8616	.7949	.7100	.6000	.4052
58.00	.8936	.9591	.9884	.9910	.9872	.9832	.9797	.9753	.9705	.9644	.9546	.9377	.9098	.8652	.7994	.7154	.6058	.4089
59.00	.8983	.9619	.9892	.9916	.9881	.9844	.9810	.9768	.9721	.9660	.9564	.9400	.9127	.8688	.8040	.7210	.6117	.4127
60.00	.9030	.9646	.9900	.9922	.9890	.9855	.9823	.9783	.9736	.9676	.9582	.9422	.9155	.8725	.8086	.7266	.6177	.4166
61.00	.9076	.9672	.9908	.9928	.9899	.9866	.9836	.9797	.9751	.9692	.9600	.9444	.9184	.8762	.8132	.7324	.6239	.4206
62.00	.9121	.9697	.9915	.9934	.9907	.9877	.9848	.9810	.9766	.9708	.9618	.9466	.9212	.8799	.8179	.7382	.6302	.4247
63.00	.9166	.9720	.9922	.9939	.9915	.9887	.9860	.9824	.9780	.9723	.9635	.9488	.9241	.8836	.8227	.7442	.6368	.4290
64.00	.9209	.9743	.9928	.9944	.9922	.9896	.9871	.9837	.9794	.9738	.9653	.9509	.9270	.8874	.8276	.7503	.6435	.4334
65.00	.9253	.9765	.9934	.9949	.9929	.9905	.9881	.9849	.9808	.9753	.9670	.9531	.9298	.8912	.8325	.7566	.6504	.4379
66.00	.9295	.9786	.9940	.9954	.9935	.9914	.9892	.9861	.9821	.9767	.9687	.9553	.9327	.8951	.8376	.7630	.6575	.4426
67.00	.9337	.9805	.9946	.9958	.9942	.9922	.9901	.9872	.9834	.9782	.9704	.9574	.9356	.8989	.8427	.7695	.6648	.4474
68.00	.9377	.9824	.9951	.9962	.9948	.9930	.9910	.9883	.9846	.9796	.9720	.9596	.9385	.9028	.8479	.7762	.6724	.4525
69.00	.9417	.9841	.9956	.9966	.9953	.9937	.9919	.9893	.9858	.9809	.9737	.9617	.9414	.9068	.8531	.7831	.6803	.4577
70.00	.9457	.9858	.9961	.9970	.9958	.9944	.9927	.9903	.9870	.9823	.9753	.9638	.9443	.9108	.8585	.7901	.6884	.4631
71.00	.9495	.9874	.9965	.9973	.9963	.9950	.9935	.9913	.9881	.9836	.9769	.9659	.9472	.9148	.8640	.7973	.6967	.4687
72.00	.9532	.9888	.9969	.9976	.9968	.9956	.9942	.9922	.9891	.9848	.9784	.9680	.9501	.9188	.8695	.8047	.7054	.4746
73.00	.9568	.9902	.9973	.9979	.9972	.9961	.9949	.9930	.9902	.9861	.9800	.9700	.9529	.9229	.8751	.8122	.7144	.4807
74.00	.9604	.9914	.9977	.9982	.9976	.9966	.9955	.9938	.9911	.9873	.9815	.9721	.9558	.9270	.8809	.8199	.7237	.4871
75.00	.9638	.9926	.9980	.9984	.9979	.9971	.9961	.9945	.9921	.9884	.9830	.9741	.9587	.9311	.8867	.8279	.7333	.4938

Five–Year Life Table Survival Ratios

Chilean Pattern — Males

Life exp at birth	Birth to 0–4	0–4 to 5–9	5–9 to 10–14	10–14 to 15–19	15–19 to 20–24	20–24 to 25–29	25–29 to 30–34	30–34 to 35–39	35–39 to 40–44	40–44 to 45–49	45–49 to 50–54	50–54 to 55–59	55–59 to 60–64	60–64 to 65–69	65–69 to 70–74	70–74 to 75–79	75–79 to 80–84	80+ to 85+
35.00	.7374	.9176	.9752	.9738	.9576	.9434	.9301	.9156	.9014	.8837	.8630	.8340	.7906	.7271	.6446	.5536	.4611	.3329
36.00	.7461	.9219	.9765	.9751	.9596	.9459	.9332	.9191	.9051	.8876	.8668	.8378	.7946	.7314	.6493	.5582	.4652	.3355
37.00	.7546	.9260	.9778	.9763	.9615	.9484	.9361	.9226	.9087	.8914	.8706	.8417	.7985	.7357	.6539	.5628	.4693	.3381
38.00	.7629	.9299	.9790	.9775	.9633	.9507	.9390	.9259	.9123	.8950	.8744	.8454	.8024	.7399	.6585	.5675	.4735	.3407
39.00	.7711	.9336	.9801	.9786	.9650	.9530	.9418	.9291	.9157	.8987	.8780	.8491	.8063	.7441	.6631	.5721	.4777	.3434
40.00	.7792	.9372	.9812	.9797	.9667	.9552	.9444	.9322	.9190	.9022	.8816	.8528	.8101	.7483	.6677	.5768	.4819	.3460
41.00	.7871	.9406	.9822	.9807	.9683	.9573	.9470	.9352	.9223	.9056	.8852	.8565	.8140	.7526	.6724	.5816	.4862	.3487
42.00	.7948	.9439	.9832	.9817	.9699	.9594	.9495	.9381	.9254	.9090	.8887	.8601	.8178	.7568	.6770	.5864	.4905	.3514
43.00	.8024	.9470	.9842	.9826	.9714	.9613	.9519	.9409	.9285	.9123	.8921	.8636	.8216	.7610	.6817	.5912	.4949	.3542
44.00	.8099	.9500	.9851	.9835	.9728	.9633	.9542	.9437	.9315	.9155	.8955	.8672	.8253	.7652	.6864	.5960	.4993	.3570
45.00	.8173	.9528	.9859	.9844	.9742	.9651	.9565	.9463	.9344	.9187	.8988	.8707	.8291	.7694	.6911	.6009	.5038	.3598
46.00	.8245	.9556	.9868	.9853	.9756	.9669	.9586	.9489	.9373	.9218	.9021	.8741	.8329	.7737	.6959	.6059	.5084	.3627
47.00	.8316	.9582	.9876	.9861	.9769	.9686	.9607	.9514	.9400	.9249	.9054	.8776	.8366	.7779	.7007	.6109	.5130	.3656
48.00	.8385	.9607	.9883	.9869	.9781	.9702	.9628	.9538	.9428	.9279	.9086	.8810	.8404	.7822	.7055	.6160	.5178	.3686
49.00	.8453	.9631	.9890	.9876	.9793	.9718	.9648	.9561	.9454	.9308	.9117	.8844	.8441	.7864	.7104	.6211	.5225	.3716
50.00	.8521	.9654	.9897	.9883	.9805	.9734	.9667	.9584	.9480	.9337	.9149	.8878	.8478	.7907	.7153	.6263	.5274	.3746
51.00	.8586	.9676	.9904	.9890	.9816	.9749	.9685	.9606	.9505	.9365	.9179	.8911	.8516	.7950	.7202	.6316	.5324	.3778
52.00	.8651	.9696	.9910	.9897	.9827	.9763	.9703	.9627	.9529	.9392	.9210	.8945	.8553	.7994	.7253	.6370	.5375	.3810
53.00	.8714	.9716	.9916	.9903	.9837	.9777	.9720	.9648	.9553	.9419	.9240	.8978	.8591	.8038	.7303	.6425	.5427	.3842
54.00	.8776	.9736	.9922	.9910	.9847	.9790	.9736	.9668	.9576	.9446	.9269	.9011	.8628	.8082	.7355	.6480	.5480	.3876
55.00	.8837	.9754	.9928	.9915	.9857	.9803	.9752	.9688	.9599	.9472	.9299	.9044	.8666	.8126	.7407	.6537	.5534	.3910
56.00	.8897	.9771	.9933	.9921	.9866	.9816	.9768	.9706	.9620	.9497	.9328	.9077	.8704	.8171	.7460	.6595	.5589	.3945
57.00	.8955	.9788	.9938	.9927	.9875	.9828	.9783	.9725	.9642	.9522	.9356	.9109	.8742	.8216	.7513	.6654	.5646	.3980
58.00	.9010	.9806	.9943	.9932	.9884	.9839	.9797	.9742	.9663	.9547	.9385	.9142	.8780	.8262	.7568	.6714	.5705	.4017
59.00	.9064	.9823	.9947	.9937	.9892	.9850	.9811	.9759	.9683	.9571	.9413	.9174	.8818	.8308	.7623	.6775	.5765	.4055
60.00	.9117	.9839	.9951	.9942	.9900	.9861	.9825	.9775	.9703	.9595	.9440	.9207	.8856	.8354	.7679	.6838	.5827	.4094
61.00	.9169	.9855	.9956	.9946	.9907	.9871	.9837	.9791	.9722	.9618	.9467	.9239	.8894	.8401	.7736	.6902	.5890	.4135
62.00	.9220	.9869	.9959	.9950	.9914	.9881	.9850	.9806	.9740	.9640	.9494	.9271	.8933	.8449	.7794	.6968	.5955	.4176
63.00	.9269	.9882	.9963	.9955	.9921	.9891	.9861	.9821	.9758	.9662	.9521	.9303	.8972	.8497	.7853	.7035	.6023	.4219
64.00	.9318	.9895	.9967	.9959	.9928	.9900	.9873	.9835	.9775	.9684	.9547	.9335	.9011	.8546	.7913	.7104	.6093	.4263
65.00	.9365	.9906	.9970	.9962	.9934	.9908	.9884	.9849	.9792	.9705	.9573	.9366	.9050	.8595	.7974	.7175	.6165	.4309
66.00	.9411	.9917	.9973	.9966	.9940	.9916	.9894	.9861	.9808	.9725	.9598	.9398	.9089	.8645	.8037	.7247	.6239	.4357
67.00	.9455	.9927	.9976	.9969	.9946	.9924	.9904	.9874	.9824	.9745	.9623	.9429	.9129	.8695	.8100	.7322	.6317	.4406
68.00	.9499	.9936	.9978	.9972	.9951	.9932	.9913	.9886	.9839	.9764	.9648	.9460	.9168	.8746	.8165	.7399	.6397	.4458
69.00	.9540	.9944	.9981	.9975	.9956	.9938	.9922	.9897	.9853	.9783	.9672	.9491	.9208	.8798	.8231	.7477	.6480	.4511
70.00	.9581	.9952	.9983	.9978	.9961	.9945	.9930	.9907	.9867	.9801	.9695	.9521	.9248	.8850	.8299	.7558	.6566	.4567
71.00	.9619	.9958	.9985	.9981	.9965	.9951	.9938	.9917	.9880	.9818	.9718	.9552	.9288	.8903	.8367	.7642	.6655	.4625
72.00	.9657	.9964	.9987	.9983	.9970	.9957	.9945	.9926	.9892	.9835	.9740	.9582	.9328	.8957	.8437	.7728	.6749	.4686
73.00	.9692	.9970	.9989	.9985	.9973	.9962	.9952	.9935	.9904	.9851	.9762	.9611	.9368	.9011	.8509	.7816	.6845	.4749
74.00	.9726	.9975	.9991	.9987	.9977	.9967	.9958	.9943	.9915	.9866	.9783	.9640	.9408	.9065	.8581	.7907	.6946	.4815
75.00	.9757	.9979	.9992	.9989	.9980	.9972	.9964	.9951	.9925	.9881	.9804	.9669	.9448	.9120	.8655	.8000	.7051	.4885

Five–Year Life Table Survival Ratios

Chilean Pattern — Females

Life exp at birth	Birth to 0–4	0–4 to 5–9	5–9 to 10–14	10–14 to 15–19	15–19 to 20–24	20–24 to 25–29	25–29 to 30–34	30–34 to 35–39	35–39 to 40–44	40–44 to 45–49	45–49 to 50–54	50–54 to 55–59	55–59 to 60–64	60–64 to 65–69	65–69 to 70–74	70–74 to 75–79	75–79 to 80–84	80+ to 85+
35.00	.7466	.9036	.9701	.9662	.9446	.9308	.9234	.9169	.9134	.9068	.8918	.8637	.8204	.7580	.6774	.5804	.4782	.3405
36.00	.7537	.9081	.9717	.9680	.9476	.9343	.9271	.9206	.9167	.9098	.8949	.8670	.8242	.7623	.6820	.5853	.4829	.3435
37.00	.7607	.9124	.9732	.9697	.9503	.9377	.9306	.9241	.9199	.9128	.8979	.8703	.8280	.7665	.6866	.5903	.4876	.3464
38.00	.7676	.9165	.9746	.9713	.9530	.9409	.9339	.9274	.9230	.9157	.9008	.8736	.8317	.7708	.6912	.5952	.4923	.3495
39.00	.7744	.9205	.9760	.9728	.9556	.9440	.9372	.9307	.9260	.9185	.9036	.8768	.8355	.7749	.6958	.6002	.4970	.3525
40.00	.7810	.9243	.9772	.9743	.9580	.9469	.9403	.9338	.9289	.9212	.9065	.8799	.8391	.7791	.7004	.6052	.5018	.3555
41.00	.7876	.9279	.9785	.9757	.9603	.9498	.9433	.9369	.9318	.9239	.9092	.8830	.8427	.7833	.7050	.6102	.5066	.3586
42.00	.7940	.9315	.9797	.9770	.9625	.9525	.9461	.9398	.9345	.9265	.9119	.8861	.8464	.7874	.7096	.6152	.5114	.3617
43.00	.8004	.9349	.9808	.9783	.9647	.9551	.9489	.9426	.9372	.9291	.9146	.8892	.8499	.7915	.7142	.6203	.5163	.3649
44.00	.8067	.9381	.9819	.9796	.9667	.9576	.9516	.9454	.9398	.9316	.9172	.8922	.8535	.7956	.7188	.6254	.5213	.3680
45.00	.8129	.9413	.9829	.9807	.9686	.9600	.9541	.9480	.9424	.9340	.9198	.8951	.8570	.7997	.7234	.6306	.5263	.3713
46.00	.8190	.9443	.9839	.9819	.9705	.9623	.9566	.9506	.9449	.9365	.9224	.8981	.8605	.8038	.7281	.6358	.5314	.3745
47.00	.8250	.9472	.9849	.9829	.9723	.9645	.9590	.9531	.9473	.9388	.9249	.9010	.8640	.8079	.7328	.6410	.5365	.3778
48.00	.8309	.9500	.9858	.9840	.9740	.9666	.9613	.9555	.9496	.9411	.9274	.9039	.8674	.8120	.7375	.6463	.5418	.3812
49.00	.8368	.9527	.9866	.9850	.9756	.9686	.9635	.9578	.9519	.9434	.9298	.9067	.8709	.8161	.7422	.6516	.5471	.3846
50.00	.8426	.9553	.9875	.9859	.9772	.9706	.9656	.9600	.9541	.9456	.9322	.9095	.8743	.8202	.7469	.6570	.5525	.3881
51.00	.8483	.9578	.9883	.9868	.9786	.9724	.9676	.9622	.9563	.9478	.9346	.9123	.8777	.8243	.7517	.6625	.5580	.3916
52.00	.8539	.9602	.9890	.9876	.9800	.9742	.9696	.9643	.9584	.9500	.9369	.9151	.8811	.8284	.7565	.6681	.5635	.3952
53.00	.8594	.9625	.9897	.9885	.9814	.9759	.9715	.9663	.9604	.9521	.9392	.9179	.8845	.8325	.7614	.6737	.5692	.3989
54.00	.8649	.9647	.9904	.9893	.9827	.9775	.9733	.9683	.9624	.9541	.9415	.9206	.8879	.8367	.7663	.6794	.5750	.4026
55.00	.8703	.9669	.9911	.9900	.9839	.9791	.9750	.9702	.9644	.9562	.9438	.9233	.8913	.8408	.7712	.6851	.5809	.4065
56.00	.8756	.9689	.9917	.9907	.9851	.9805	.9767	.9720	.9663	.9582	.9460	.9260	.8946	.8450	.7762	.6910	.5869	.4104
57.00	.8809	.9709	.9923	.9914	.9862	.9819	.9783	.9737	.9681	.9601	.9482	.9287	.8980	.8492	.7813	.6969	.5931	.4144
58.00	.8860	.9728	.9929	.9920	.9873	.9833	.9798	.9754	.9699	.9620	.9504	.9313	.9013	.8534	.7863	.7030	.5993	.4185
59.00	.8911	.9746	.9934	.9927	.9883	.9846	.9813	.9771	.9716	.9639	.9525	.9340	.9047	.8576	.7915	.7091	.6058	.4227
60.00	.8961	.9765	.9940	.9932	.9892	.9858	.9827	.9786	.9733	.9657	.9546	.9366	.9080	.8618	.7967	.7154	.6124	.4270
61.00	.9008	.9783	.9944	.9938	.9901	.9870	.9840	.9801	.9750	.9675	.9567	.9392	.9113	.8661	.8020	.7218	.6191	.4314
62.00	.9055	.9801	.9949	.9943	.9910	.9881	.9853	.9816	.9765	.9693	.9587	.9417	.9147	.8703	.8073	.7282	.6260	.4359
63.00	.9102	.9818	.9954	.9948	.9918	.9891	.9865	.9830	.9781	.9710	.9608	.9443	.9180	.8746	.8127	.7348	.6331	.4406
64.00	.9147	.9834	.9958	.9953	.9926	.9901	.9876	.9843	.9796	.9727	.9628	.9468	.9213	.8789	.8181	.7416	.6404	.4454
65.00	.9192	.9850	.9962	.9957	.9933	.9910	.9887	.9856	.9810	.9744	.9647	.9493	.9246	.8833	.8237	.7484	.6478	.4503
66.00	.9237	.9864	.9965	.9961	.9939	.9919	.9897	.9868	.9824	.9760	.9667	.9518	.9279	.8876	.8293	.7554	.6555	.4554
67.00	.9280	.9877	.9969	.9965	.9946	.9927	.9907	.9879	.9837	.9775	.9686	.9543	.9311	.8920	.8349	.7625	.6634	.4607
68.00	.9323	.9890	.9972	.9969	.9951	.9934	.9916	.9890	.9850	.9790	.9704	.9567	.9344	.8964	.8407	.7698	.6715	.4661
69.00	.9366	.9902	.9975	.9972	.9957	.9942	.9925	.9900	.9862	.9805	.9723	.9591	.9377	.9008	.8465	.7772	.6798	.4717
70.00	.9407	.9913	.9978	.9975	.9962	.9948	.9933	.9910	.9874	.9820	.9741	.9615	.9409	.9053	.8523	.7847	.6884	.4775
71.00	.9447	.9923	.9980	.9978	.9966	.9954	.9940	.9919	.9886	.9833	.9758	.9638	.9441	.9097	.8583	.7924	.6972	.4835
72.00	.9487	.9932	.9983	.9981	.9971	.9960	.9947	.9928	.9896	.9847	.9775	.9661	.9473	.9142	.8643	.8003	.7063	.4897
73.00	.9525	.9941	.9985	.9983	.9975	.9965	.9954	.9936	.9906	.9860	.9792	.9684	.9504	.9186	.8704	.8083	.7157	.4962
74.00	.9563	.9948	.9987	.9986	.9978	.9970	.9960	.9944	.9916	.9872	.9808	.9706	.9536	.9231	.8765	.8164	.7253	.5028
75.00	.9599	.9956	.9989	.9988	.9981	.9974	.9965	.9951	.9925	.9884	.9824	.9728	.9566	.9275	.8827	.8247	.7352	.5097

Five–Year Life Table Survival Ratios

South Asian Pattern — Males

Life exp at birth	Birth to 0–4	0–4 to 5–9	5–9 to 10–14	10–14 to 15–19	15–19 to 20–24	20–24 to 25–29	25–29 to 30–34	30–34 to 35–39	35–39 to 40–44	40–44 to 45–49	45–49 to 50–54	50–54 to 55–59	55–59 to 60–64	60–64 to 65–69	65–69 to 70–74	70–74 to 75–79	75–79 to 80–84	80+ to 85+
35.00	.7053	.8537	.9665	.9800	.9767	.9725	.9666	.9580	.9451	.9268	.9001	.8655	.8169	.7483	.6627	.5675	.4803	.3581
36.00	.7142	.8604	.9681	.9808	.9777	.9737	.9680	.9596	.9471	.9291	.9028	.8684	.8201	.7519	.6667	.5716	.4840	.3605
37.00	.7230	.8669	.9696	.9817	.9787	.9748	.9693	.9612	.9490	.9313	.9054	.8713	.8233	.7555	.6707	.5758	.4878	.3629
38.00	.7316	.8731	.9711	.9825	.9796	.9758	.9706	.9628	.9508	.9335	.9079	.8741	.8264	.7591	.6747	.5799	.4915	.3653
39.00	.7402	.8792	.9725	.9833	.9805	.9769	.9718	.9643	.9526	.9357	.9104	.8769	.8295	.7627	.6788	.5841	.4953	.3678
40.00	.7486	.8850	.9739	.9841	.9813	.9779	.9730	.9657	.9544	.9377	.9128	.8797	.8327	.7663	.6828	.5883	.4991	.3702
41.00	.7569	.8906	.9752	.9848	.9822	.9788	.9742	.9672	.9561	.9398	.9153	.8824	.8358	.7699	.6869	.5925	.5030	.3727
42.00	.7651	.8960	.9764	.9855	.9830	.9797	.9753	.9685	.9577	.9418	.9176	.8851	.8389	.7735	.6909	.5967	.5069	.3752
43.00	.7732	.9013	.9776	.9862	.9837	.9807	.9764	.9699	.9593	.9437	.9200	.8878	.8419	.7771	.6950	.6010	.5108	.3777
44.00	.7812	.9063	.9788	.9868	.9845	.9815	.9774	.9711	.9609	.9457	.9223	.8905	.8450	.7807	.6992	.6053	.5148	.3803
45.00	.7891	.9112	.9799	.9875	.9852	.9824	.9785	.9724	.9625	.9476	.9246	.8932	.8481	.7843	.7033	.6097	.5188	.3829
46.00	.7969	.9159	.9810	.9881	.9859	.9832	.9795	.9736	.9640	.9494	.9269	.8958	.8512	.7880	.7075	.6141	.5230	.3855
47.00	.8046	.9205	.9820	.9887	.9866	.9840	.9804	.9748	.9655	.9512	.9291	.8985	.8542	.7916	.7117	.6186	.5271	.3882
48.00	.8121	.9248	.9830	.9893	.9873	.9848	.9814	.9760	.9669	.9530	.9313	.9011	.8573	.7953	.7159	.6232	.5314·	.3909
49.00	.8196	.9291	.9840	.9898	.9879	.9855	.9823	.9771	.9683	.9548	.9335	.9037	.8604	.7990	.7202	.6278	.5357	.3937
50.00	.8270	.9332	.9849	.9904	.9885	.9863	.9831	.9782	.9697	.9565	.9357	.9063	.8634	.8027	.7246	.6324	.5401	.3965
51.00	.8342	.9371	.9858	.9909	.9891	.9870	.9840	.9793	.9710	.9582	.9378	.9089	.8665	.8064	.7290	.6372	.5446	.3994
52.00	.8414	.9409	.9867	.9914	.9897	.9876	.9848	.9803	.9723	.9599	.9399	.9115	.8696	.8102	.7334	.6420	.5492	.4023
53.00	.8484	.9446	.9875	.9919	.9903	.9883	.9856	.9813	.9736	.9616	.9420	.9140	.8727	.8140	.7379	.6470	.5539	.4053
54.00	.8554	.9481	.9883	.9924	.9908	.9890	.9864	.9823	.9749	.9632	.9441	.9166	.8758	.8178	.7425	.6520	.5587	.4084
55.00	.8622	.9515	.9890	.9928	.9913	.9896	.9872	.9833	.9761	.9648	.9462	.9192	.8790	.8217	.7471	.6571	.5636	.4116
56.00	.8689	.9548	.9898	.9933	.9919	.9902	.9879	.9842	.9773	.9664	.9482	.9217	.8821	.8256	.7519	.6623	.5686	.4148
57.00	.8756	.9579	.9905	.9937	.9924	.9908	.9886	.9851	.9785	.9679	.9503	.9243	.8853	.8296	.7567	.6677	.5738	.4181
58.00	.8820	.9609	.9911	.9941	.9928	.9913	.9893	.9860	.9797	.9695	.9523	.9268	.8885	.8336	.7615	.6731	.5791	.4215
59.00	.8883	.9640	.9918	.9945	.9933	.9919	.9900	.9868	.9808	.9710	.9543	.9294	.8917	.8377	.7665	.6787	.5846	.4250
60.00	.8945	.9669	.9924	.9949	.9938	.9924	.9907	.9877	.9819	.9724	.9563	.9320	.8950	.8418	.7716	.6845	.5902	.4287
61.00	.9005	.9696	.9930	.9952	.9942	.9929	.9913	.9885	.9830	.9739	.9583	.9345	.8982	.8460	.7768	.6903	.5960	.4324
62.00	.9064	.9722	.9936	.9956	.9946	.9935	.9919	.9892	.9840	.9753	.9602	.9371	.9015	.8502	.7820	.6964	.6021	.4363
63.00	.9122	.9747	.9941	.9959	.9950	.9939	.9925	.9900	.9851	.9767	.9622	.9397	.9048	.8545	.7874	.7026	.6083	.4403
64.00	.9179	.9771	.9946	.9963	.9954	.9944	.9931	.9907	.9861	.9781	.9641	.9422	.9082	.8589	.7929	.7090	.6147	.4444
65.00	.9234	.9793	.9951	.9966	.9958	.9948	.9936	.9914	.9870	.9795	.9660	.9448	.9116	.8634	.7986	.7155	.6213	.4487
66.00	.9288	.9815	.9956	.9969	.9961	.9953	.9941	.9921	.9880	.9808	.9679	.9474	.9150	.8679	.8043	.7223	.6282	.4532
67.00	.9341	.9834	.9960	.9972	.9965	.9957	.9947	.9928	.9889	.9821	.9698	.9499	.9184	.8725	.8102	.7293	.6354	.4578
68.00	.9392	.9853	.9964	.9974	.9968	.9961	.9951	.9934	.9898	.9834	.9716	.9525	.9219	.8772	.8163	.7365	.6429	.4627
69.00	.9442	.9870	.9968	.9977	.9971	.9965	.9956	.9940	.9906	.9846	.9734	.9551	.9254	.8819	.8225	.7439	.6506	.4677
70.00	.9490	.9886	.9972	.9979	.9974	.9968	.9960	.9946	.9915	.9858	.9752	.9576	.9290	.8868	.8288	.7516	.6587	.4730
71.00	.9536	.9901	.9975	.9982	.9977	.9971	.9964	.9951	.9923	.9870	.9770	.9601	.9325	.8917	.8353	.7596	.6672	.4785
72.00	.9581	.9915	.9978	.9984	.9980	.9975	.9968	.9957	.9930	.9881	.9787	.9627	.9361	.8967	.8420	.7678	.6760	.4843
73.00	.9623	.9927	.9981	.9986	.9982	.9978	.9972	.9961	.9937	.9892	.9804	.9652	.9397	.9017	.8488	.7763	.6852	.4903
74.00	.9664	.9938	.9984	.9988	.9984	.9980	.9976	.9966	.9944	.9903	.9821	.9677	.9434	.9069	.8558	.7851	.6948	.4967
75.00	.9702	.9948	.9986	.9989	.9986	.9983	.9979	.9970	.9951	.9913	.9837	.9701	.9470	.9121	.8629	.7941	.7048	.5033

Five-Year Life Table Survival Ratios

South Asian Pattern — Females

Life exp at birth	Birth to 0–4	0–4 to 5–9	5–9 to 10–14	10–14 to 15–19	15–19 to 20–24	20–24 to 25–29	25–29 to 30–34	30–34 to 35–39	35–39 to 40–44	40–44 to 45–49	45–49 to 50–54	50–54 to 55–59	55–59 to 60–64	60–64 to 65–69	65–69 to 70–74	70–74 to 75–79	75–79 to 80–84	80+ to 85+
35.00	.7232	.8482	.9619	.9729	.9628	.9588	.9557	.9513	.9472	.9393	.9198	.8839	.8310	.7634	.6775	.5640	.4530	.3149
36.00	.7308	.8547	.9638	.9743	.9647	.9608	.9578	.9534	.9492	.9412	.9220	.8867	.8345	.7674	.6819	.5687	.4574	.3176
37.00	.7383	.8611	.9656	.9755	.9665	.9628	.9598	.9554	.9511	.9431	.9241	.8894	.8379	.7713	.6862	.5735	.4618	.3204
38.00	.7457	.8672	.9673	.9768	.9682	.9646	.9617	.9573	.9529	.9449	.9262	.8921	.8413	.7753	.6906	.5782	.4662	.3231
39.00	.7530	.8731	.9690	.9780	.9699	.9664	.9635	.9592	.9547	.9467	.9283	.8947	.8446	.7792	.6949	.5829	.4706	.3259
40.00	.7602	.8789	.9706	.9791	.9715	.9682	.9653	.9610	.9565	.9485	.9303	.8973	.8479	.7831	.6993	.5877	.4752	.3288
41.00	.7673	.8844	.9721	.9802	.9730	.9698	.9670	.9627	.9582	.9502	.9323	.8999	.8512	.7870	.7036	.5925	.4797	.3316
42.00	.7744	.8898	.9736	.9812	.9744	.9714	.9686	.9644	.9598	.9518	.9343	.9024	.8545	.7909	.7080	.5974	.4843	.3345
43.00	.7813	.8950	.9750	.9823	.9758	.9729	.9702	.9661	.9614	.9535	.9362	.9050	.8577	.7947	.7124	.6022	.4890	.3374
44.00	.7882	.9000	.9763	.9832	.9772	.9744	.9717	.9676	.9630	.9551	.9381	.9074	.8609	.7986	.7168	.6072	.4937	.3404
45.00	.7950	.9049	.9776	.9841	.9785	.9758	.9731	.9692	.9645	.9567	.9400	.9099	.8641	.8025	.7212	.6121	.4985	.3434
46.00	.8017	.9096	.9788	.9850	.9797	.9771	.9745	.9707	.9660	.9582	.9418	.9124	.8673	.8063	.7256	.6172	.5033	.3465
47.00	.8084	.9142	.9800	.9859	.9809	.9784	.9759	.9721	.9674	.9597	.9437	.9148	.8705	.8102	.7301	.6223	.5083	.3496
48.00	.8149	.9186	.9812	.9867	.9820	.9797	.9772	.9735	.9688	.9612	.9455	.9172	.8736	.8141	.7346	.6274	.5133	.3527
49.00	.8214	.9229	.9823	.9875	.9831	.9809	.9785	.9748	.9702	.9627	.9473	.9196	.8768	.8180	.7391	.6326	.5184	.3559
50.00	.8278	.9271	.9833	.9882	.9841	.9820	.9797	.9761	.9716	.9641	.9490	.9219	.8799	.8219	.7437	.6379	.5236	.3592
51.00	.8342	.9311	.9843	.9889	.9851	.9831	.9809	.9774	.9729	.9655	.9508	.9243	.8831	.8258	.7483	.6433	.5289	.3626
52.00	.8404	.9350	.9853	.9896	.9861	.9842	.9820	.9786	.9741	.9669	.9525	.9266	.8862	.8297	.7530	.6487	.5343	.3660
53.00	.8466	.9387	.9862	.9903	.9870	.9852	.9831	.9798	.9754	.9683	.9542	.9289	.8894	.8337	.7577	.6543	.5398	.3695
54.00	.8527	.9423	.9871	.9909	.9879	.9861	.9841	.9809	.9766	.9696	.9559	.9312	.8925	.8376	.7624	.6599	.5455	.3731
55.00	.8588	.9458	.9880	.9915	.9887	.9871	.9851	.9821	.9778	.9709	.9575	.9335	.8956	.8416	.7672	.6656	.5513	.3767
56.00	.8648	.9492	.9888	.9921	.9895	.9880	.9861	.9831	.9789	.9722	.9592	.9358	.8987	.8456	.7721	.6714	.5572	.3805
57.00	.8706	.9524	.9896	.9927	.9903	.9888	.9870	.9842	.9801	.9735	.9608	.9381	.9019	.8497	.7770	.6774	.5633	.3844
58.00	.8765	.9556	.9904	.9932	.9910	.9896	.9879	.9852	.9812	.9747	.9624	.9403	.9050	.8538	.7820	.6834	.5695	.3883
59.00	.8821	.9587	.9911	.9937	.9917	.9904	.9888	.9861	.9822	.9760	.9640	.9426	.9081	.8579	.7871	.6896	.5759	.3924
60.00	.8876	.9618	.9918	.9942	.9924	.9912	.9896	.9871	.9833	.9772	.9656	.9448	.9113	.8620	.7923	.6960	.5824	.3966
61.00	.8930	.9647	.9924	.9947	.9930	.9919	.9904	.9880	.9843	.9784	.9671	.9470	.9144	.8662	.7975	.7024	.5892	.4010
62.00	.8984	.9676	.9931	.9951	.9936	.9925	.9911	.9888	.9853	.9795	.9687	.9492	.9176	.8703	.8028	.7090	.5962	.4054
63.00	.9037	.9702	.9936	.9955	.9942	.9932	.9919	.9897	.9862	.9807	.9702	.9514	.9207	.8746	.8082	.7158	.6033	.4101
64.00	.9089	.9728	.9942	.9959	.9947	.9938	.9925	.9905	.9872	.9818	.9717	.9536	.9239	.8789	.8137	.7227	.6108	.4149
65.00	.9140	.9752	.9947	.9963	.9952	.9944	.9932	.9912	.9881	.9829	.9732	.9558	.9271	.8832	.8192	.7298	.6184	.4198
66.00	.9190	.9776	.9952	.9967	.9957	.9949	.9938	.9920	.9889	.9840	.9747	.9580	.9302	.8875	.8249	.7371	.6263	.4250
67.00	.9240	.9797	.9957	.9970	.9961	.9954	.9944	.9927	.9898	.9850	.9761	.9601	.9334	.8919	.8307	.7445	.6345	.4303
68.00	.9288	.9818	.9962	.9973	.9965	.9959	.9950	.9933	.9906	.9860	.9776	.9623	.9366	.8963	.8365	.7522	.6429	.4358
69.00	.9336	.9837	.9966	.9976	.9969	.9964	.9955	.9940	.9914	.9870	.9790	.9644	.9397	.9008	.8425	.7600	.6517	.4416
70.00	.9382	.9855	.9970	.9979	.9973	.9968	.9960	.9946	.9921	.9880	.9804	.9665	.9429	.9053	.8485	.7680	.6607	.4476
71.00	.9428	.9872	.9973	.9981	.9976	.9972	.9964	.9951	.9929	.9890	.9817	.9686	.9461	.9098	.8547	.7763	.6701	.4538
72.00	.9472	.9888	.9977	.9984	.9979	.9975	.9969	.9957	.9935	.9899	.9830	.9706	.9492	.9144	.8610	.7847	.6799	.4603
73.00	.9515	.9902	.9980	.9986	.9982	.9978	.9972	.9962	.9942	.9908	.9843	.9726	.9523	.9189	.8673	.7934	.6900	.4671
74.00	.9556	.9916	.9982	.9988	.9985	.9981	.9976	.9966	.9948	.9916	.9856	.9746	.9554	.9235	.8738	.8023	.7005	.4742
75.00	.9596	.9928	.9985	.9990	.9987	.9984	.9979	.9971	.9954	.9924	.9868	.9766	.9585	.9281	.8803	.8114	.7113	.4816

Five-Year Life Table Survival Ratios

Far Eastern Pattern — Males

Life exp at birth	Birth to 0–4	0–4 to 5–9	5–9 to 10–14	10–14 to 15–19	15–19 to 20–24	20–24 to 25–29	25–29 to 30–34	30–34 to 35–39	35–39 to 40–44	40–44 to 45–49	45–49 to 50–54	50–54 to 55–59	55–59 to 60–64	60–64 to 65–69	65–69 to 70–74	70–74 to 75–79	75–79 to 80–84	80+ to 85+
35.00	.7981	.9142	.9650	.9642	.9469	.9340	.9247	.9091	.8868	.8590	.8221	.7792	.7204	.6348	.5423	.4505	.3670	.2683
36.00	.8059	.9190	.9669	.9660	.9494	.9371	.9281	.9130	.8913	.8638	.8271	.7842	.7255	.6400	.5476	.4554	.3710	.2708
37.00	.8136	.9236	.9687	.9677	.9519	.9401	.9315	.9169	.8956	.8685	.8321	.7892	.7306	.6453	.5529	.4603	.3751	.2734
38.00	.8211	.9279	.9705	.9694	.9543	.9430	.9347	.9206	.8998	.8731	.8370	.7942	.7356	.6506	.5582	.4653	.3793	.2761
39.00	.8284	.9321	.9721	.9710	.9565	.9457	.9378	.9242	.9039	.8776	.8418	.7992	.7406	.6558	.5635	.4703	.3835	.2787
40.00	.8355	.9360	.9737	.9725	.9587	.9484	.9408	.9277	.9078	.8820	.8465	.8041	.7456	.6612	.5690	.4754	.3878	.2814
41.00	.8425	.9398	.9753	.9740	.9609	.9510	.9437	.9311	.9117	.8863	.8512	.8089	.7507	.6665	.5744	.4806	.3922	.2841
42.00	.8493	.9435	.9767	.9754	.9629	.9535	.9465	.9344	.9155	.8906	.8558	.8138	.7557	.6719	.5800	.4858	.3967	.2869
43.00	.8559	.9469	.9781	.9768	.9649	.9559	.9493	.9376	.9192	.8948	.8604	.8186	.7607	.6773	.5855	.4912	.4012	.2898
44.00	.8624	.9502	.9795	.9781	.9668	.9582	.9519	.9407	.9228	.8989	.8650	.8234	.7657	.6827	.5912	.4966	.4058	.2927
45.00	.8687	.9534	.9807	.9794	.9686	.9605	.9544	.9437	.9263	.9029	.8695	.8282	.7708	.6882	.5969	.5021	.4105	.2956
46.00	.8749	.9564	.9820	.9806	.9704	.9626	.9569	.9466	.9298	.9068	.8739	.8330	.7759	.6938	.6028	.5077	.4154	.2986
47.00	.8809	.9593	.9831	.9817	.9721	.9647	.9593	.9494	.9331	.9107	.8783	.8377	.7810	.6994	.6087	.5135	.4203	.3017
48.00	.8867	.9621	.9842	.9829	.9737	.9667	.9616	.9522	.9364	.9145	.8826	.8425	.7861	.7051	.6147	.5193	.4254	.3048
49.00	.8923	.9649	.9853	.9839	.9753	.9687	.9638	.9548	.9396	.9183	.8870	.8472	.7912	.7108	.6208	.5253	.4305	.3081
50.00	.8978	.9675	.9863	.9850	.9768	.9706	.9660	.9574	.9427	.9220	.8912	.8520	.7964	.7166	.6270	.5314	.4359	.3114
51.00	.9032	.9700	.9873	.9859	.9783	.9724	.9680	.9599	.9457	.9256	.8955	.8567	.8016	.7225	.6333	.5377	.4414	.3148
52.00	.9084	.9724	.9882	.9869	.9797	.9742	.9700	.9623	.9487	.9291	.8997	.8614	.8068	.7284	.6398	.5441	.4470	.3183
53.00	.9135	.9746	.9891	.9878	.9810	.9758	.9720	.9646	.9515	.9326	.9038	.8661	.8121	.7345	.6464	.5507	.4528	.3219
54.00	.9184	.9768	.9899	.9887	.9823	.9775	.9738	.9669	.9544	.9361	.9079	.8708	.8174	.7406	.6531	.5575	.4588	.3256
55.00	.9232	.9788	.9907	.9895	.9836	.9790	.9756	.9691	.9571	.9394	.9120	.8755	.8227	.7468	.6599	.5644	.4650	.3295
56.00	.9279	.9807	.9915	.9903	.9848	.9805	.9774	.9712	.9597	.9427	.9160	.8802	.8281	.7532	.6669	.5715	.4714	.3334
57.00	.9325	.9824	.9922	.9911	.9859	.9820	.9790	.9732	.9623	.9459	.9200	.8849	.8336	.7596	.6741	.5789	.4780	.3375
58.00	.9369	.9841	.9929	.9918	.9870	.9834	.9806	.9752	.9648	.9491	.9240	.8896	.8391	.7661	.6815	.5865	.4848	.3418
59.00	.9412	.9857	.9935	.9925	.9881	.9847	.9821	.9771	.9672	.9522	.9279	.8943	.8446	.7727	.6890	.5943	.4919	.3462
60.00	.9454	.9872	.9942	.9931	.9891	.9860	.9836	.9789	.9696	.9552	.9318	.8990	.8502	.7795	.6967	.6023	.4993	.3508
61.00	.9494	.9885	.9947	.9938	.9901	.9872	.9850	.9806	.9718	.9582	.9356	.9037	.8558	.7864	.7046	.6107	.5070	.3556
62.00	.9533	.9898	.9953	.9943	.9910	.9883	.9863	.9822	.9740	.9610	.9393	.9083	.8615	.7934	.7127	.6193	.5150	.3605
63.00	.9570	.9910	.9958	.9949	.9918	.9894	.9876	.9838	.9761	.9638	.9430	.9130	.8672	.8005	.7210	.6282	.5233	.3657
64.00	.9606	.9921	.9962	.9954	.9926	.9904	.9888	.9853	.9782	.9666	.9467	.9176	.8730	.8077	.7296	.6374	.5320	.3711
65.00	.9641	.9931	.9967	.9959	.9934	.9914	.9899	.9868	.9801	.9692	.9503	.9222	.8788	.8151	.7383	.6469	.5411	.3767
66.00	.9674	.9940	.9971	.9964	.9941	.9923	.9910	.9881	.9820	.9717	.9538	.9268	.8846	.8226	.7473	.6568	.5506	.3826
67.00	.9705	.9948	.9974	.9968	.9948	.9932	.9920	.9894	.9837	.9742	.9572	.9313	.8905	.8302	.7566	.6670	.5605	.3888
68.00	.9735	.9956	.9978	.9972	.9954	.9940	.9929	.9906	.9854	.9765	.9605	.9358	.8964	.8379	.7660	.6777	.5709	.3953
69.00	.9763	.9962	.9981	.9975	.9960	.9947	.9938	.9917	.9870	.9788	.9638	.9402	.9023	.8458	.7757	.6886	.5817	.4021
70.00	.9790	.9968	.9984	.9979	.9965	.9954	.9946	.9927	.9884	.9809	.9669	.9446	.9082	.8537	.7856	.7000	.5931	.4092
71.00	.9815	.9974	.9986	.9982	.9970	.9960	.9953	.9937	.9898	.9830	.9700	.9489	.9141	.8617	.7958	.7117	.6050	.4167
72.00	.9838	.9978	.9988	.9985	.9974	.9966	.9960	.9945	.9911	.9849	.9729	.9531	.9200	.8698	.8061	.7238	.6174	.4246
73.00	.9859	.9982	.9990	.9987	.9978	.9971	.9966	.9953	.9923	.9867	.9757	.9571	.9258	.8779	.8166	.7363	.6304	.4328
74.00	.9878	.9986	.9992	.9989	.9982	.9976	.9971	.9961	.9934	.9884	.9783	.9611	.9315	.8860	.8272	.7492	.6440	.4415
75.00	.9896	.9989	.9994	.9991	.9985	.9980	.9976	.9967	.9944	.9899	.9808	.9649	.9371	.8941	.8380	.7623	.6581	.4506

Five–Year Life Table Survival Ratios

Far Eastern Pattern — Females

Life exp at birth	Birth to 0–4	0–4 to 5–9	5–9 to 10–14	10–14 to 15–19	15–19 to 20–24	20–24 to 25–29	25–29 to 30–34	30–34 to 35–39	35–39 to 40–44	40–44 to 45–49	45–49 to 50–54	50–54 to 55–59	55–59 to 60–64	60–64 to 65–69	65–69 to 70–74	70–74 to 75–79	75–79 to 80–84	80+ to 85+
35.00	.8125	.9127	.9666	.9582	.9266	.9089	.9003	.8944	.8900	.8801	.8559	.8175	.7668	.7055	.6282	.5300	.4246	.2908
36.00	.8186	.9170	.9684	.9604	.9306	.9136	.9051	.8991	.8942	.8840	.8599	.8219	.7716	.7105	.6333	.5352	.4293	.2937
37.00	.8246	.9211	.9701	.9626	.9343	.9181	.9097	.9035	.8983	.8878	.8638	.8262	.7763	.7155	.6384	.5405	.4340	.2967
38.00	.8304	.9251	.9717	.9646	.9379	.9223	.9141	.9079	.9023	.8915	.8677	.8305	.7811	.7205	.6435	.5457	.4388	.2996
39.00	.8361	.9288	.9733	.9665	.9413	.9265	.9184	.9120	.9062	.8951	.8715	.8347	.7857	.7254	.6486	.5510	.4436	.3026
40.00	.8417	.9325	.9748	.9684	.9446	.9304	.9225	.9161	.9099	.8987	.8752	.8389	.7904	.7304	.6537	.5563	.4485	.3056
41.00	.8472	.9360	.9762	.9702	.9477	.9342	.9264	.9200	.9135	.9022	.8789	.8430	.7950	.7353	.6589	.5617	.4534	.3086
42.00	.8526	.9393	.9775	.9719	.9507	.9378	.9302	.9238	.9171	.9056	.8825	.8471	.7996	.7402	.6640	.5671	.4584	.3117
43.00	.8578	.9425	.9788	.9735	.9535	.9413	.9339	.9274	.9205	.9089	.8861	.8511	.8041	.7451	.6692	.5725	.4634	.3148
44.00	.8629	.9456	.9801	.9750	.9563	.9446	.9374	.9309	.9239	.9122	.8896	.8551	.8087	.7500	.6744	.5780	.4685	.3180
45.00	.8680	.9485	.9812	.9765	.9589	.9478	.9408	.9344	.9272	.9154	.8931	.8591	.8132	.7550	.6796	.5836	.4737	.3212
46.00	.8729	.9514	.9824	.9779	.9614	.9508	.9440	.9377	.9304	.9185	.8965	.8630	.8177	.7599	.6848	.5892	.4790	.3244
47.00	.8777	.9541	.9834	.9793	.9638	.9538	.9472	.9409	.9335	.9216	.8999	.8669	.8222	.7648	.6901	.5949	.4843	.3278
48.00	.8824	.9568	.9845	.9806	.9661	.9566	.9502	.9440	.9365	.9246	.9032	.8708	.8267	.7698	.6954	.6007	.4898	.3311
49.00	.8869	.9595	.9855	.9818	.9683	.9593	.9531	.9470	.9395	.9276	.9065	.8746	.8311	.7747	.7008	.6065	.4953	.3346
50.00	.8914	.9620	.9864	.9830	.9703	.9619	.9559	.9499	.9424	.9305	.9098	.8784	.8356	.7797	.7063	.6124	.5010	.3381
51.00	.8957	.9645	.9873	.9841	.9724	.9644	.9586	.9527	.9452	.9334	.9130	.8822	.8401	.7847	.7117	.6185	.5068	.3417
52.00	.9000	.9668	.9882	.9852	.9743	.9668	.9612	.9554	.9479	.9362	.9162	.8860	.8445	.7898	.7173	.6246	.5127	.3454
53.00	.9042	.9691	.9890	.9862	.9761	.9690	.9637	.9580	.9506	.9390	.9193	.8898	.8490	.7948	.7229	.6308	.5187	.3491
54.00	.9083	.9712	.9898	.9872	.9778	.9712	.9661	.9606	.9532	.9417	.9224	.8935	.8535	.7999	.7286	.6371	.5249	.3530
55.00	.9124	.9733	.9905	.9881	.9795	.9733	.9684	.9630	.9557	.9444	.9255	.8972	.8579	.8051	.7343	.6436	.5312	.3570
56.00	.9164	.9752	.9912	.9890	.9810	.9753	.9706	.9654	.9581	.9470	.9286	.9009	.8624	.8102	.7401	.6502	.5377	.3610
57.00	.9203	.9771	.9919	.9899	.9825	.9771	.9727	.9677	.9605	.9496	.9316	.9046	.8668	.8154	.7460	.6569	.5444	.3652
58.00	.9241	.9789	.9925	.9907	.9839	.9789	.9747	.9699	.9629	.9521	.9345	.9083	.8713	.8207	.7520	.6637	.5512	.3695
59.00	.9279	.9806	.9931	.9914	.9853	.9806	.9767	.9720	.9651	.9546	.9375	.9119	.8758	.8260	.7581	.6707	.5583	.3739
60.00	.9316	.9822	.9937	.9922	.9865	.9823	.9785	.9740	.9673	.9570	.9404	.9155	.8803	.8313	.7642	.6778	.5655	.3784
61.00	.9353	.9837	.9942	.9929	.9877	.9838	.9803	.9759	.9694	.9594	.9433	.9191	.8848	.8366	.7705	.6851	.5729	.3832
62.00	.9388	.9851	.9948	.9935	.9889	.9853	.9819	.9778	.9715	.9618	.9461	.9227	.8893	.8421	.7769	.6926	.5806	.3880
63.00	.9423	.9865	.9952	.9941	.9899	.9866	.9835	.9796	.9735	.9641	.9489	.9263	.8937	.8475	.7833	.7002	.5885	.3930
64.00	.9457	.9878	.9957	.9947	.9909	.9879	.9850	.9813	.9754	.9663	.9517	.9298	.8982	.8530	.7899	.7080	.5967	.3982
65.00	.9490	.9890	.9961	.9952	.9919	.9891	.9864	.9829	.9773	.9685	.9544	.9333	.9027	.8586	.7965	.7160	.6051	.4036
66.00	.9523	.9901	.9965	.9957	.9927	.9903	.9878	.9845	.9791	.9706	.9571	.9368	.9072	.8641	.8033	.7242	.6138	.4092
67.00	.9555	.9912	.9969	.9962	.9936	.9913	.9890	.9859	.9808	.9727	.9597	.9403	.9117	.8698	.8102	.7326	.6228	.4150
68.00	.9586	.9921	.9973	.9966	.9943	.9923	.9902	.9873	.9824	.9747	.9623	.9437	.9162	.8754	.8172	.7412	.6321	.4210
69.00	.9616	.9931	.9976	.9970	.9950	.9932	.9913	.9886	.9840	.9766	.9649	.9471	.9207	.8811	.8243	.7500	.6417	.4272
70.00	.9645	.9939	.9979	.9974	.9956	.9940	.9923	.9898	.9855	.9785	.9673	.9504	.9251	.8869	.8315	.7590	.6517	.4337
71.00	.9673	.9947	.9981	.9977	.9962	.9948	.9933	.9910	.9869	.9803	.9698	.9537	.9295	.8926	.8388	.7683	.6620	.4405
72.00	.9700	.9954	.9984	.9980	.9967	.9955	.9941	.9920	.9883	.9821	.9721	.9569	.9339	.8984	.8463	.7777	.6727	.4476
73.00	.9726	.9960	.9986	.9983	.9972	.9962	.9949	.9930	.9896	.9837	.9744	.9601	.9383	.9042	.8538	.7873	.6838	.4549
74.00	.9752	.9966	.9988	.9986	.9976	.9967	.9956	.9939	.9908	.9853	.9766	.9632	.9425	.9100	.8613	.7972	.6952	.4626
75.00	.9776	.9971	.9990	.9988	.9980	.9972	.9963	.9948	.9919	.9869	.9787	.9662	.9468	.9157	.8690	.8072	.7070	.4705

General Pattern — Males

Life exp at birth	Birth to 0–4	0–4 to 5–9	5–9 to 10–14	10–14 to 15–19	15–19 to 20–24	20–24 to 25–29	25–29 to 30–34	30–34 to 35–39	35–39 to 40–44	40–44 to 45–49	45–49 to 50–54	50–54 to 55–59	55–59 to 60–64	60–64 to 65–69	65–69 to 70–74	70–74 to 75–79	75–79 to 80–84	80+ to 85+
35.00	.7532	.8914	.9643	.9693	.9557	.9454	.9380	.9268	.9133	.8952	.8712	.8395	.7941	.7265	.6386	.5410	.4438	.3153
36.00	.7615	.8968	.9661	.9707	.9576	.9478	.9406	.9298	.9164	.8985	.8747	.8431	.7978	.7306	.6430	.5454	.4477	.3177
37.00	.7696	.9020	.9678	.9721	.9595	.9500	.9432	.9326	.9195	.9018	.8781	.8466	.8015	.7346	.6474	.5498	.4516	.3201
38.00	.7776	.9070	.9694	.9734	.9613	.9522	.9456	.9354	.9225	.9050	.8815	.8501	.8052	.7387	.6518	.5542	.4555	.3226
39.00	.7854	.9117	.9710	.9746	.9631	.9543	.9480	.9381	.9254	.9082	.8848	.8536	.8089	.7427	.6562	.5587	.4595	.3251
40.00	.7930	.9163	.9725	.9759	.9648	.9564	.9503	.9407	.9283	.9112	.8881	.8570	.8125	.7468	.6607	.5632	.4635	.3276
41.00	.8006	.9207	.9740	.9770	.9664	.9583	.9525	.9432	.9310	.9143	.8913	.8604	.8161	.7508	.6651	.5678	.4676	.3301
42.00	.8080	.9250	.9753	.9782	.9680	.9603	.9546	.9457	.9337	.9172	.8945	.8637	.8197	.7548	.6696	.5724	.4717	.3326
43.00	.8152	.9290	.9767	.9792	.9695	.9621	.9567	.9481	.9364	.9201	.8976	.8671	.8233	.7589	.6741	.5770	.4759	.3352
44.00	.8224	.9329	.9779	.9803	.9710	.9639	.9587	.9504	.9390	.9230	.9007	.8704	.8269	.7629	.6787	.5817	.4801	.3379
45.00	.8294	.9367	.9792	.9813	.9724	.9656	.9607	.9526	.9415	.9258	.9038	.8737	.8305	.7670	.6833	.5864	.4844	.3405
46.00	.8362	.9403	.9803	.9823	.9738	.9673	.9626	.9548	.9439	.9285	.9068	.8769	.8341	.7711	.6879	.5913	.4888	.3433
47.00	.8430	.9438	.9815	.9832	.9751	.9689	.9644	.9570	.9463	.9312	.9098	.8802	.8377	.7752	.6926	.5961	.4932	.3460
48.00	.8496	.9471	.9826	.9841	.9764	.9705	.9662	.9590	.9487	.9338	.9127	.8834	.8412	.7794	.6973	.6011	.4978	.3489
49.00	.8561	.9503	.9836	.9850	.9777	.9720	.9679	.9611	.9510	.9365	.9156	.8867	.8448	.7835	.7021	.6061	.5024	.3517
50.00	.8625	.9534	.9846	.9858	.9789	.9735	.9696	.9630	.9532	.9390	.9185	.8899	.8484	.7877	.7069	.6112	.5071	.3547
51.00	.8688	.9563	.9856	.9867	.9800	.9750	.9712	.9649	.9554	.9415	.9214	.8931	.8520	.7919	.7118	.6164	.5120	.3577
52.00	.8749	.9591	.9865	.9874	.9812	.9764	.9728	.9668	.9576	.9440	.9242	.8962	.8557	.7962	.7167	.6217	.5169	.3607
53.00	.8809	.9619	.9874	.9882	.9823	.9777	.9743	.9686	.9596	.9464	.9270	.8994	.8593	.8005	.7217	.6271	.5220	.3639
54.00	.8868	.9645	.9882	.9889	.9833	.9790	.9758	.9703	.9617	.9488	.9298	.9026	.8629	.8048	.7268	.6326	.5271	.3671
55.00	.8924	.9671	.9890	.9896	.9843	.9803	.9773	.9720	.9637	.9512	.9326	.9058	.8666	.8092	.7320	.6382	.5325	.3704
56.00	.8980	.9697	.9898	.9903	.9853	.9815	.9787	.9737	.9656	.9535	.9353	.9089	.8703	.8136	.7373	.6440	.5379	.3738
57.00	.9034	.9721	.9906	.9910	.9863	.9827	.9800	.9753	.9675	.9558	.9380	.9121	.8740	.8181	.7426	.6499	.5436	.3774
58.00	.9087	.9743	.9913	.9916	.9872	.9838	.9813	.9768	.9694	.9580	.9407	.9153	.8777	.8227	.7481	.6559	.5494	.3810
59.00	.9139	.9765	.9920	.9922	.9881	.9849	.9826	.9783	.9712	.9602	.9433	.9184	.8815	.8273	.7537	.6621	.5553	.3847
60.00	.9190	.9786	.9926	.9928	.9890	.9860	.9838	.9798	.9730	.9624	.9460	.9216	.8853	.8320	.7593	.6684	.5615	.3885
61.00	.9240	.9805	.9932	.9933	.9898	.9870	.9850	.9812	.9747	.9645	.9486	.9247	.8891	.8367	.7651	.6749	.5678	.3925
62.00	.9289	.9823	.9938	.9939	.9906	.9880	.9861	.9826	.9764	.9666	.9511	.9279	.8929	.8415	.7710	.6816	.5744	.3967
63.00	.9336	.9841	.9944	.9944	.9913	.9889	.9872	.9839	.9780	.9686	.9537	.9310	.8968	.8463	.7770	.6884	.5812	.4009
64.00	.9382	.9857	.9949	.9949	.9921	.9899	.9882	.9851	.9796	.9706	.9562	.9341	.9007	.8513	.7832	.6955	.5883	.4054
65.00	.9427	.9872	.9954	.9953	.9927	.9907	.9892	.9864	.9811	.9726	.9587	.9373	.9046	.8563	.7895	.7028	.5957	.4100
66.00	.9471	.9886	.9959	.9958	.9934	.9916	.9902	.9875	.9826	.9745	.9612	.9404	.9086	.8614	.7959	.7103	.6033	.4148
67.00	.9513	.9900	.9963	.9962	.9940	.9923	.9911	.9886	.9840	.9763	.9636	.9435	.9126	.8666	.8025	.7181	.6112	.4198
68.00	.9554	.9912	.9967	.9966	.9946	.9931	.9920	.9897	.9854	.9781	.9660	.9466	.9166	.8719	.8093	.7261	.6195	.4251
69.00	.9593	.9923	.9971	.9970	.9952	.9938	.9928	.9907	.9867	.9799	.9684	.9497	.9207	.8772	.8162	.7343	.6281	.4306
70.00	.9631	.9933	.9975	.9973	.9957	.9945	.9936	.9917	.9880	.9816	.9707	.9528	.9247	.8826	.8233	.7429	.6371	.4363
71.00	.9667	.9943	.9978	.9976	.9962	.9951	.9943	.9926	.9892	.9833	.9729	.9559	.9288	.8882	.8305	.7517	.6465	.4424
72.00	.9701	.9951	.9981	.9979	.9967	.9957	.9950	.9935	.9903	.9848	.9751	.9589	.9329	.8938	.8380	.7609	.6564	.4487
73.00	.9734	.9959	.9984	.9982	.9971	.9963	.9956	.9943	.9914	.9864	.9773	.9619	.9371	.8994	.8456	.7703	.6667	.4553
74.00	.9765	.9966	.9986	.9985	.9975	.9968	.9962	.9950	.9924	.9878	.9794	.9649	.9412	.9051	.8533	.7800	.6774	.4623
75.00	.9794	.9972	.9988	.9987	.9979	.9972	.9967	.9957	.9934	.9892	.9814	.9678	.9453	.9109	.8612	.7901	.6887	.4697

Five–Year Life Table Survival Ratios

General Pattern — Females

Life exp at birth	Birth to 0–4	0–4 to 5–9	5–9 to 10–14	10–14 to 15–19	15–19 to 20–24	20–24 to 25–29	25–29 to 30–34	30–34 to 35–39	35–39 to 40–44	40–44 to 45–49	45–49 to 50–54	50–54 to 55–59	55–59 to 60–64	60–64 to 65–69	65–69 to 70–74	70–74 to 75–79	75–79 to 80–84	80+ to 85+
35.00	.7771	.8810	.9580	.9614	.9414	.9291	.9228	.9176	.9156	.9098	.8926	.8618	.8166	.7555	.6724	.5633	.4501	.3061
36.00	.7837	.8863	.9601	.9634	.9443	.9325	.9264	.9211	.9187	.9126	.8955	.8650	.8203	.7596	.6769	.5681	.4545	.3088
37.00	.7902	.8915	.9621	.9652	.9471	.9358	.9298	.9244	.9217	.9153	.8983	.8682	.8240	.7637	.6813	.5729	.4589	.3116
38.00	.7966	.8964	.9640	.9670	.9499	.9390	.9330	.9276	.9246	.9180	.9011	.8714	.8277	.7678	.6858	.5777	.4634	.3143
39.00	.8029	.9012	.9658	.9687	.9525	.9420	.9362	.9307	.9274	.9206	.9039	.8745	.8313	.7719	.6902	.5825	.4679	.3171
40.00	.8090	.9059	.9676	.9703	.9549	.9450	.9392	.9337	.9302	.9232	.9066	.8776	.8349	.7759	.6946	.5873	.4725	.3199
41.00	.8151	.9103	.9692	.9718	.9573	.9478	.9421	.9367	.9329	.9257	.9092	.8806	.8384	.7799	.6991	.5922	.4770	.3228
42.00	.8210	.9146	.9709	.9733	.9596	.9505	.9449	.9395	.9355	.9282	.9118	.8836	.8420	.7840	.7036	.5971	.4817	.3256
43.00	.8269	.9188	.9724	.9748	.9618	.9531	.9476	.9422	.9380	.9306	.9144	.8866	.8455	.7880	.7080	.6020	.4864	.3285
44.00	.8326	.9228	.9739	.9761	.9639	.9556	.9503	.9449	.9405	.9330	.9169	.8896	.8490	.7920	.7125	.6070	.4911	.3315
45.00	.8383	.9267	.9753	.9774	.9659	.9580	.9528	.9475	.9429	.9353	.9194	.8925	.8524	.7960	.7170	.6120	.4960	.3345
46.00	.8439	.9304	.9767	.9787	.9679	.9603	.9553	.9499	.9453	.9376	.9219	.8954	.8559	.8000	.7215	.6171	.5009	.3375
47.00	.8494	.9340	.9780	.9799	.9697	.9626	.9576	.9524	.9476	.9398	.9243	.8982	.8593	.8040	.7261	.6223	.5058	.3406
48.00	.8548	.9375	.9793	.9811	.9715	.9647	.9599	.9547	.9498	.9420	.9267	.9011	.8628	.8080	.7307	.6275	.5109	.3437
49.00	.8601	.9409	.9805	.9822	.9732	.9668	.9621	.9570	.9520	.9442	.9291	.9039	.8662	.8120	.7353	.6327	.5160	.3469
50.00	.8653	.9441	.9817	.9833	.9749	.9687	.9642	.9592	.9542	.9463	.9314	.9067	.8696	.8161	.7400	.6381	.5213	.3502
51.00	.8705	.9473	.9828	.9843	.9765	.9706	.9663	.9613	.9563	.9484	.9337	.9095	.8730	.8201	.7447	.6435	.5266	.3536
52.00	.8756	.9503	.9839	.9853	.9780	.9725	.9682	.9634	.9583	.9505	.9360	.9123	.8764	.8242	.7494	.6490	.5321	.3569
53.00	.8805	.9534	.9849	.9862	.9794	.9742	.9701	.9654	.9603	.9525	.9383	.9150	.8798	.8283	.7542	.6546	.5376	.3604
54.00	.8853	.9563	.9859	.9871	.9808	.9759	.9720	.9674	.9623	.9545	.9406	.9178	.8832	.8324	.7591	.6603	.5433	.3640
55.00	.8900	.9592	.9868	.9880	.9821	.9775	.9738	.9693	.9642	.9564	.9428	.9205	.8866	.8365	.7640	.6660	.5491	.3677
56.00	.8947	.9619	.9877	.9888	.9834	.9791	.9755	.9711	.9660	.9584	.9450	.9232	.8900	.8407	.7689	.6719	.5551	.3714
57.00	.8993	.9645	.9886	.9897	.9846	.9806	.9771	.9729	.9679	.9603	.9472	.9259	.8934	.8449	.7740	.6779	.5612	.3753
58.00	.9038	.9671	.9894	.9904	.9858	.9820	.9787	.9746	.9696	.9621	.9494	.9286	.8969	.8491	.7791	.6840	.5675	.3792
59.00	.9083	.9695	.9902	.9911	.9869	.9834	.9802	.9763	.9714	.9640	.9515	.9313	.9003	.8533	.7842	.6903	.5739	.3833
60.00	.9127	.9718	.9910	.9918	.9879	.9846	.9816	.9779	.9730	.9658	.9536	.9340	.9037	.8576	.7895	.6967	.5806	.3875
61.00	.9170	.9740	.9917	.9925	.9889	.9859	.9830	.9794	.9747	.9676	.9557	.9366	.9071	.8619	.7948	.7032	.5874	.3918
62.00	.9213	.9761	.9924	.9931	.9899	.9871	.9844	.9809	.9763	.9693	.9578	.9393	.9105	.8663	.8002	.7098	.5944	.3963
63.00	.9255	.9781	.9931	.9937	.9908	.9882	.9856	.9823	.9778	.9710	.9599	.9419	.9140	.8707	.8057	.7167	.6016	.4009
64.00	.9296	.9800	.9937	.9943	.9916	.9892	.9869	.9837	.9793	.9727	.9619	.9445	.9174	.8751	.8113	.7236	.6091	.4057
65.00	.9336	.9819	.9943	.9948	.9924	.9902	.9880	.9850	.9808	.9743	.9639	.9471	.9209	.8795	.8170	.7308	.6168	.4106
66.00	.9376	.9836	.9948	.9953	.9932	.9912	.9891	.9863	.9822	.9760	.9659	.9497	.9243	.8841	.8228	.7381	.6248	.4158
67.00	.9415	.9852	.9953	.9958	.9939	.9921	.9901	.9875	.9835	.9775	.9679	.9523	.9278	.8886	.8287	.7456	.6330	.4211
68.00	.9453	.9867	.9958	.9962	.9946	.9929	.9911	.9886	.9849	.9791	.9698	.9549	.9312	.8932	.8346	.7533	.6416	.4267
69.00	.9490	.9882	.9963	.9966	.9952	.9937	.9921	.9897	.9861	.9806	.9717	.9574	.9347	.8978	.8407	.7612	.6504	.4324
70.00	.9527	.9895	.9967	.9970	.9957	.9944	.9929	.9907	.9873	.9820	.9736	.9599	.9381	.9025	.8469	.7693	.6596	.4384
71.00	.9562	.9907	.9971	.9974	.9963	.9951	.9937	.9917	.9885	.9835	.9754	.9624	.9416	.9072	.8532	.7776	.6691	.4447
72.00	.9597	.9919	.9975	.9977	.9968	.9957	.9945	.9926	.9896	.9848	.9772	.9649	.9450	.9119	.8596	.7862	.6789	.4513
73.00	.9630	.9930	.9978	.9980	.9972	.9963	.9952	.9935	.9907	.9862	.9790	.9674	.9484	.9167	.8661	.7949	.6891	.4581
74.00	.9662	.9939	.9981	.9983	.9976	.9968	.9958	.9943	.9917	.9875	.9807	.9697	.9518	.9214	.8727	.8039	.6998	.4653
75.00	.9693	.9948	.9984	.9986	.9980	.9973	.9964	.9950	.9926	.9887	.9824	.9721	.9552	.9262	.8794	.8130	.7108	.4727

ANNEX IV

Ten-year life table survival ratios

Ten–Year Life Table Survival Ratios

Latin American Pattern — Males

Life exp at birth	Birth to 5–9	0–4 to 10–14	5–9 to 15–19	10–14 to 20–24	15–19 to 25–29	20–24 to 30–34	25–29 to 35–39	30–34 to 40–44	35–39 to 45–49	40–44 to 50–54	45–49 to 55–59	50–54 to 60–64	55–59 to 65–69	60–64 to 70–74	65–69 to 75–79	70–74 to 80–84	75+ to 85+
35.00	.6475	.8438	.9354	.9301	.9059	.8887	.8748	.8579	.8372	.8103	.7735	.7211	.6449	.5398	.4193	.3004	.1496
36.00	.6590	.8509	.9384	.9331	.9097	.8930	.8795	.8629	.8423	.8154	.7785	.7262	.6501	.5451	.4244	.3047	.1515
37.00	.6703	.8577	.9412	.9359	.9133	.8973	.8841	.8678	.8473	.8204	.7835	.7312	.6552	.5504	.4295	.3089	.1534
38.00	.6815	.8644	.9438	.9386	.9169	.9014	.8886	.8725	.8521	.8253	.7884	.7361	.6603	.5557	.4347	.3133	.1554
39.00	.6924	.8707	.9464	.9412	.9203	.9053	.8930	.8771	.8569	.8302	.7933	.7410	.6654	.5611	.4399	.3176	.1574
40.00	.7031	.8769	.9489	.9438	.9236	.9092	.8972	.8816	.8616	.8349	.7981	.7459	.6705	.5665	.4452	.3221	.1594
41.00	.7137	.8828	.9514	.9463	.9268	.9129	.9013	.8860	.8662	.8396	.8029	.7508	.6756	.5719	.4505	.3266	.1614
42.00	.7241	.8886	.9537	.9486	.9300	.9166	.9053	.8903	.8706	.8442	.8076	.7556	.6807	.5773	.4558	.3311	.1635
43.00	.7343	.8941	.9559	.9509	.9330	.9201	.9092	.8945	.8750	.8488	.8123	.7604	.6858	.5827	.4612	.3358	.1656
44.00	.7443	.8995	.9581	.9532	.9359	.9235	.9130	.8986	.8794	.8533	.8169	.7653	.6910	.5882	.4667	.3405	.1677
45.00	.7542	.9046	.9602	.9553	.9388	.9269	.9167	.9026	.8836	.8577	.8215	.7701	.6961	.5938	.4723	.3453	.1699
46.00	.7639	.9096	.9622	.9574	.9416	.9301	.9203	.9065	.8878	.8621	.8261	.7749	.7013	.5993	.4779	.3502	.1721
47.00	.7734	.9144	.9641	.9595	.9443	.9333	.9238	.9103	.8919	.8665	.8306	.7796	.7064	.6050	.4836	.3552	.1744
48.00	.7827	.9190	.9660	.9615	.9469	.9364	.9272	.9141	.8959	.8707	.8352	.7844	.7116	.6107	.4894	.3603	.1767
49.00	.7919	.9235	.9678	.9634	.9495	.9394	.9305	.9178	.8998	.8750	.8396	.7892	.7169	.6164	.4953	.3655	.1790
50.00	.8009	.9278	.9696	.9652	.9519	.9423	.9338	.9213	.9037	.8792	.8441	.7940	.7221	.6222	.5013	.3708	.1815
51.00	.8097	.9320	.9712	.9670	.9543	.9451	.9369	.9248	.9075	.8833	.8486	.7988	.7274	.6281	.5074	.3762	.1839
52.00	.8184	.9360	.9729	.9688	.9567	.9479	.9400	.9283	.9113	.8874	.8530	.8036	.7328	.6341	.5136	.3818	.1865
53.00	.8269	.9399	.9745	.9704	.9589	.9506	.9430	.9316	.9150	.8914	.8574	.8085	.7382	.6402	.5200	.3875	.1891
54.00	.8353	.9436	.9760	.9721	.9612	.9532	.9460	.9349	.9187	.8955	.8618	.8133	.7436	.6463	.5264	.3934	.1918
55.00	.8434	.9472	.9774	.9737	.9633	.9557	.9488	.9381	.9222	.8994	.8662	.8182	.7491	.6525	.5331	.3995	.1945
56.00	.8515	.9508	.9789	.9752	.9654	.9582	.9516	.9413	.9258	.9034	.8706	.8230	.7546	.6589	.5398	.4057	.1974
57.00	.8593	.9542	.9802	.9767	.9674	.9606	.9543	.9443	.9292	.9073	.8749	.8279	.7602	.6653	.5467	.4121	.2003
58.00	.8670	.9575	.9815	.9782	.9694	.9629	.9570	.9473	.9326	.9111	.8793	.8329	.7659	.6719	.5538	.4187	.2033
59.00	.8745	.9607	.9828	.9796	.9713	.9652	.9595	.9503	.9360	.9150	.8836	.8378	.7716	.6786	.5611	.4255	.2065
60.00	.8818	.9637	.9840	.9809	.9731	.9674	.9620	.9531	.9393	.9188	.8880	.8428	.7775	.6854	.5686	.4326	.2097
61.00	.8889	.9666	.9852	.9822	.9749	.9696	.9644	.9559	.9425	.9225	.8923	.8478	.7834	.6923	.5762	.4398	.2131
62.00	.8959	.9694	.9863	.9835	.9767	.9716	.9668	.9586	.9457	.9262	.8967	.8529	.7893	.6994	.5841	.4474	.2165
63.00	.9027	.9720	.9874	.9847	.9783	.9736	.9691	.9613	.9488	.9299	.9010	.8580	.7954	.7067	.5922	.4552	.2202
64.00	.9093	.9745	.9884	.9859	.9799	.9756	.9713	.9639	.9519	.9335	.9053	.8631	.8015	.7141	.6006	.4634	.2240
65.00	.9157	.9769	.9894	.9870	.9815	.9774	.9734	.9664	.9549	.9372	.9096	.8682	.8078	.7217	.6092	.4719	.2279
66.00	.9219	.9791	.9903	.9881	.9830	.9792	.9755	.9688	.9578	.9407	.9139	.8734	.8141	.7294	.6181	.4807	.2320
67.00	.9280	.9813	.9912	.9891	.9844	.9809	.9775	.9712	.9607	.9442	.9182	.8787	.8206	.7374	.6273	.4899	.2364
68.00	.9338	.9833	.9921	.9901	.9858	.9826	.9794	.9735	.9635	.9477	.9225	.8840	.8272	.7455	.6368	.4995	.2409
69.00	.9394	.9851	.9929	.9910	.9871	.9842	.9812	.9757	.9662	.9511	.9268	.8893	.8338	.7539	.6466	.5095	.2456
70.00	.9448	.9869	.9936	.9919	.9884	.9857	.9830	.9778	.9689	.9545	.9310	.8946	.8406	.7624	.6568	.5201	.2506
71.00	.9500	.9885	.9943	.9928	.9896	.9872	.9847	.9799	.9715	.9578	.9352	.9000	.8475	.7712	.6673	.5311	.2559
72.00	.9549	.9900	.9950	.9936	.9907	.9885	.9863	.9818	.9740	.9610	.9394	.9054	.8545	.7803	.6783	.5427	.2615
73.00	.9596	.9914	.9956	.9943	.9918	.9898	.9878	.9837	.9764	.9642	.9436	.9109	.8616	.7895	.6896	.5548	.2674
74.00	.9641	.9926	.9962	.9950	.9928	.9911	.9892	.9855	.9788	.9673	.9478	.9164	.8689	.7991	.7014	.5676	.2736
75.00	.9683	.9938	.9967	.9957	.9937	.9922	.9906	.9872	.9810	.9703	.9518	.9219	.8762	.8088	.7136	.5811	.2802

Ten–Year Life Table Survival Ratios

Latin American Pattern — Females

Life exp at birth	Birth to 5–9	0–4 to 10–14	5–9 to 15–19	10–14 to 20–24	15–19 to 25–29	20–24 to 30–34	25–29 to 35–39	30–34 to 40–44	35–39 to 45–49	40–44 to 50–54	45–49 to 55–59	50–54 to 60–64	55–59 to 65–69	60–64 to 70–74	65–69 to 75–79	70–74 to 80–84	75+ to 85+
35.00	.6566	.8249	.9239	.9177	.8908	.8722	.8595	.8513	.8461	.8321	.7992	.7425	.6599	.5517	.4259	.2995	.1450
36.00	.6670	.8323	.9275	.9216	.8959	.8779	.8652	.8567	.8510	.8366	.8039	.7476	.6655	.5575	.4315	.3044	.1473
37.00	.6772	.8395	.9310	.9254	.9008	.8833	.8708	.8620	.8557	.8410	.8085	.7527	.6711	.5633	.4372	.3092	.1495
38.00	.6873	.8465	.9343	.9290	.9055	.8886	.8762	.8672	.8603	.8454	.8130	.7577	.6766	.5690	.4429	.3142	.1517
39.00	.6972	.8533	.9375	.9325	.9101	.8937	.8814	.8722	.8648	.8497	.8175	.7627	.6821	.5748	.4486	.3191	.1540
40.00	.7069	.8598	.9406	.9359	.9144	.8986	.8864	.8770	.8693	.8539	.8219	.7677	.6876	.5806	.4544	.3242	.1563
41.00	.7165	.8661	.9435	.9391	.9186	.9033	.8913	.8817	.8736	.8580	.8263	.7726	.6931	.5864	.4602	.3293	.1587
42.00	.7259	.8722	.9463	.9422	.9227	.9079	.8961	.8864	.8778	.8621	.8306	.7775	.6985	.5922	.4660	.3345	.1611
43.00	.7351	.8782	.9490	.9451	.9266	.9123	.9007	.8908	.8820	.8661	.8349	.7823	.7040	.5981	.4720	.3398	.1635
44.00	.7442	.8839	.9517	.9480	.9304	.9166	.9051	.8952	.8861	.8701	.8391	.7871	.7094	.6040	.4780	.3452	.1660
45.00	.7532	.8894	.9542	.9507	.9340	.9207	.9095	.8995	.8901	.8740	.8433	.7919	.7149	.6099	.4840	.3506	.1685
46.00	.7620	.8948	.9566	.9534	.9375	.9247	.9137	.9037	.8940	.8779	.8475	.7967	.7203	.6158	.4902	.3562	.1710
47.00	.7706	.9000	.9589	.9559	.9409	.9285	.9178	.9077	.8978	.8816	.8516	.8014	.7258	.6218	.4964	.3618	.1736
48.00	.7792	.9051	.9612	.9584	.9441	.9323	.9217	.9117	.9016	.8854	.8557	.8062	.7312	.6278	.5027	.3676	.1763
49.00	.7875	.9100	.9633	.9607	.9472	.9359	.9256	.9156	.9053	.8891	.8597	.8109	.7367	.6339	.5091	.3735	.1790
50.00	.7958	.9147	.9654	.9630	.9502	.9393	.9293	.9194	.9090	.8928	.8638	.8156	.7422	.6400	.5156	.3795	.1818
51.00	.8039	.9193	.9674	.9652	.9531	.9427	.9329	.9230	.9126	.8964	.8678	.8203	.7477	.6462	.5222	.3857	.1847
52.00	.8119	.9237	.9694	.9673	.9559	.9460	.9365	.9266	.9161	.8999	.8717	.8250	.7533	.6525	.5289	.3920	.1876
53.00	.8197	.9280	.9712	.9693	.9586	.9491	.9399	.9301	.9195	.9035	.8757	.8297	.7588	.6588	.5357	.3984	.1906
54.00	.8275	.9322	.9730	.9712	.9612	.9521	.9432	.9336	.9229	.9070	.8796	.8344	.7644	.6652	.5427	.4050	.1937
55.00	.8351	.9364	.9747	.9731	.9637	.9550	.9464	.9369	.9263	.9104	.8835	.8391	.7701	.6717	.5498	.4118	.1968
56.00	.8425	.9404	.9764	.9749	.9661	.9579	.9495	.9402	.9296	.9139	.8874	.8438	.7757	.6783	.5570	.4188	.2001
57.00	.8498	.9442	.9779	.9766	.9684	.9606	.9525	.9434	.9328	.9173	.8913	.8485	.7814	.6849	.5644	.4260	.2035
58.00	.8570	.9479	.9794	.9782	.9706	.9632	.9554	.9465	.9359	.9206	.8951	.8532	.7872	.6917	.5719	.4334	.2069
59.00	.8641	.9515	.9809	.9798	.9727	.9657	.9582	.9495	.9391	.9239	.8990	.8579	.7929	.6985	.5796	.4410	.2105
60.00	.8710	.9549	.9823	.9813	.9747	.9681	.9610	.9524	.9421	.9272	.9028	.8626	.7988	.7055	.5875	.4488	.2142
61.00	.8778	.9582	.9836	.9828	.9766	.9704	.9636	.9553	.9451	.9305	.9066	.8673	.8047	.7125	.5956	.4569	.2181
62.00	.8844	.9614	.9849	.9841	.9785	.9727	.9661	.9581	.9481	.9337	.9104	.8720	.8106	.7197	.6038	.4653	.2220
63.00	.8909	.9644	.9861	.9854	.9802	.9748	.9686	.9608	.9509	.9368	.9141	.8768	.8166	.7270	.6123	.4739	.2262
64.00	.8973	.9673	.9873	.9867	.9819	.9768	.9710	.9634	.9538	.9400	.9179	.8815	.8226	.7344	.6210	.4828	.2304
65.00	.9035	.9701	.9884	.9878	.9835	.9788	.9732	.9660	.9565	.9431	.9216	.8862	.8287	.7420	.6299	.4921	.2349
66.00	.9096	.9727	.9894	.9889	.9850	.9806	.9754	.9684	.9593	.9462	.9253	.8910	.8348	.7497	.6391	.5017	.2395
67.00	.9155	.9752	.9904	.9900	.9864	.9824	.9775	.9708	.9619	.9492	.9290	.8958	.8410	.7575	.6485	.5116	.2443
68.00	.9212	.9776	.9914	.9910	.9878	.9841	.9794	.9731	.9645	.9522	.9327	.9005	.8473	.7655	.6581	.5220	.2494
69.00	.9268	.9798	.9922	.9919	.9890	.9856	.9813	.9753	.9670	.9551	.9364	.9053	.8536	.7736	.6681	.5327	.2547
70.00	.9322	.9819	.9931	.9928	.9902	.9871	.9831	.9774	.9695	.9580	.9400	.9101	.8600	.7819	.6783	.5439	.2602
71.00	.9375	.9839	.9938	.9936	.9913	.9885	.9848	.9795	.9718	.9608	.9436	.9149	.8664	.7903	.6888	.5555	.2659
72.00	.9425	.9858	.9946	.9944	.9924	.9898	.9864	.9814	.9741	.9636	.9471	.9196	.8729	.7989	.6997	.5676	.2720
73.00	.9474	.9875	.9952	.9951	.9933	.9910	.9880	.9833	.9764	.9663	.9506	.9244	.8794	.8076	.7108	.5802	.2784
74.00	.9521	.9891	.9959	.9958	.9942	.9922	.9894	.9850	.9785	.9690	.9541	.9291	.8860	.8165	.7223	.5934	.2851
75.00	.9566	.9906	.9964	.9963	.9950	.9932	.9907	.9867	.9806	.9716	.9575	.9338	.8926	.8256	.7340	.6070	.2921

Ten-Year Life Table Survival Ratios

Chilean Pattern — Males

Life exp at birth	Birth to 5-9	0-4 to 10-14	5-9 to 15-19	10-14 to 20-24	15-19 to 25-29	20-24 to 30-34	25-29 to 35-39	30-34 to 40-44	35-39 to 45-49	40-44 to 50-54	45-49 to 55-59	50-54 to 60-64	55-59 to 65-69	60-64 to 70-74	65-69 to 75-79	70-74 to 80-84	75+ to 85+
35.00	.6767	.8949	.9497	.9325	.9034	.8774	.8516	.8253	.7965	.7626	.7197	.6593	.5748	.4687	.3569	.2552	.1361
36.00	.6878	.9003	.9522	.9357	.9077	.8827	.8577	.8319	.8033	.7694	.7263	.6657	.5811	.4749	.3624	.2597	.1382
37.00	.6988	.9054	.9546	.9387	.9119	.8878	.8636	.8384	.8100	.7760	.7328	.6721	.5874	.4810	.3680	.2641	.1403
38.00	.7095	.9103	.9569	.9416	.9158	.8927	.8694	.8446	.8165	.7826	.7392	.6784	.5937	.4872	.3737	.2687	.1424
39.00	.7200	.9151	.9591	.9444	.9197	.8975	.8750	.8508	.8229	.7891	.7456	.6846	.6000	.4934	.3794	.2733	.1446
40.00	.7302	.9196	.9612	.9470	.9234	.9021	.8804	.8567	.8291	.7954	.7519	.6909	.6062	.4997	.3852	.2780	.1468
41.00	.7403	.9239	.9633	.9496	.9270	.9066	.8856	.8625	.8352	.8017	.7581	.6971	.6125	.5060	.3910	.2828	.1491
42.00	.7502	.9280	.9652	.9521	.9305	.9109	.8907	.8682	.8412	.8078	.7643	.7033	.6189	.5123	.3970	.2876	.1513
43.00	.7599	.9320	.9671	.9545	.9338	.9151	.8957	.8737	.8471	.8139	.7705	.7095	.6252	.5188	.4030	.2926	.1537
44.00	.7694	.9358	.9689	.9568	.9371	.9192	.9005	.8790	.8528	.8199	.7765	.7157	.6316	.5252	.4091	.2976	.1560
45.00	.7787	.9394	.9706	.9591	.9402	.9231	.9051	.8843	.8585	.8258	.7826	.7219	.6379	.5318	.4153	.3028	.1585
46.00	.7878	.9429	.9722	.9612	.9433	.9269	.9096	.8894	.8640	.8316	.7886	.7280	.6444	.5384	.4216	.3080	.1609
47.00	.7968	.9463	.9738	.9633	.9462	.9306	.9140	.8943	.8694	.8374	.7945	.7342	.6508	.5450	.4280	.3134	.1635
48.00	.8055	.9495	.9753	.9653	.9490	.9341	.9183	.8992	.8747	.8430	.8005	.7404	.6573	.5518	.4346	.3189	.1660
49.00	.8141	.9525	.9768	.9672	.9517	.9376	.9224	.9039	.8799	.8486	.8063	.7465	.6638	.5586	.4412	.3246	.1687
50.00	.8225	.9555	.9782	.9690	.9544	.9409	.9264	.9085	.8851	.8542	.8122	.7527	.6704	.5656	.4480	.3303	.1714
51.00	.8308	.9583	.9795	.9708	.9569	.9442	.9303	.9130	.8901	.8596	.8180	.7589	.6771	.5726	.4549	.3363	.1742
52.00	.8388	.9609	.9808	.9726	.9594	.9473	.9341	.9174	.8950	.8650	.8238	.7651	.6838	.5798	.4620	.3424	.1770
53.00	.8467	.9635	.9821	.9742	.9618	.9503	.9378	.9217	.8998	.8703	.8295	.7713	.6905	.5870	.4692	.3487	.1800
54.00	.8544	.9660	.9832	.9758	.9641	.9532	.9413	.9258	.9045	.8756	.8353	.7775	.6973	.5944	.4766	.3551	.1830
55.00	.8620	.9683	.9844	.9773	.9663	.9561	.9448	.9299	.9092	.8808	.8410	.7838	.7042	.6019	.4842	.3618	.1861
56.00	.8693	.9706	.9855	.9788	.9684	.9588	.9481	.9338	.9137	.8859	.8466	.7900	.7112	.6095	.4920	.3686	.1893
57.00	.8765	.9727	.9865	.9802	.9705	.9614	.9513	.9376	.9181	.8910	.8523	.7963	.7182	.6173	.4999	.3757	.1927
58.00	.8836	.9750	.9875	.9816	.9725	.9640	.9545	.9413	.9225	.8960	.8579	.8026	.7253	.6252	.5081	.3830	.1961
59.00	.8904	.9771	.9884	.9829	.9744	.9664	.9575	.9450	.9268	.9009	.8635	.8090	.7326	.6333	.5164	.3906	.1997
60.00	.8971	.9792	.9893	.9842	.9762	.9688	.9604	.9485	.9309	.9058	.8691	.8153	.7399	.6415	.5251	.3984	.2033
61.00	.9036	.9811	.9902	.9854	.9780	.9711	.9632	.9519	.9350	.9105	.8747	.8217	.7473	.6499	.5339	.4065	.2072
62.00	.9099	.9829	.9910	.9865	.9797	.9733	.9659	.9552	.9390	.9153	.8802	.8282	.7548	.6585	.5431	.4150	.2111
63.00	.9160	.9846	.9918	.9876	.9813	.9754	.9685	.9583	.9428	.9199	.8857	.8346	.7623	.6673	.5524	.4237	.2153
64.00	.9219	.9861	.9925	.9887	.9828	.9774	.9710	.9614	.9466	.9245	.8912	.8411	.7700	.6762	.5621	.4328	.2196
65.00	.9277	.9876	.9932	.9897	.9843	.9793	.9734	.9644	.9503	.9290	.8966	.8476	.7778	.6854	.5721	.4423	.2241
66.00	.9332	.9890	.9939	.9906	.9857	.9811	.9757	.9672	.9539	.9334	.9020	.8542	.7857	.6947	.5824	.4522	.2288
67.00	.9386	.9902	.9945	.9915	.9870	.9828	.9779	.9700	.9573	.9378	.9073	.8607	.7938	.7043	.5931	.4625	.2337
68.00	.9437	.9914	.9951	.9924	.9883	.9845	.9799	.9726	.9607	.9420	.9126	.8673	.8019	.7141	.6041	.4733	.2388
69.00	.9487	.9925	.9956	.9932	.9895	.9860	.9819	.9751	.9639	.9461	.9179	.8739	.8101	.7242	.6155	.4845	.2442
70.00	.9534	.9935	.9961	.9939	.9906	.9875	.9838	.9775	.9670	.9502	.9231	.8805	.8185	.7345	.6272	.4963	.2499
71.00	.9579	.9944	.9966	.9946	.9917	.9889	.9855	.9798	.9700	.9541	.9282	.8872	.8269	.7450	.6394	.5086	.2559
72.00	.9622	.9952	.9970	.9953	.9927	.9902	.9872	.9819	.9729	.9580	.9333	.8938	.8355	.7557	.6520	.5215	.2621
73.00	.9663	.9959	.9974	.9959	.9936	.9914	.9887	.9840	.9756	.9617	.9383	.9004	.8441	.7667	.6650	.5350	.2687
74.00	.9701	.9965	.9978	.9964	.9944	.9925	.9901	.9859	.9782	.9653	.9432	.9070	.8529	.7779	.6785	.5492	.2757
75.00	.9737	.9971	.9981	.9969	.9952	.9936	.9915	.9876	.9807	.9687	.9479	.9135	.8616	.7894	.6924	.5641	.2831

Ten-Year Life Table Survival Ratios

Chilean Pattern — Females

Life exp at birth	Birth to 5–9	0–4 to 10–14	5–9 to 15–19	10–14 to 20–24	15–19 to 25–29	20–24 to 30–34	25–29 to 35–39	30–34 to 40–44	35–39 to 45–49	40–44 to 50–54	45–49 to 55–59	50–54 to 60–64	55–59 to 65–69	60–64 to 70–74	65–69 to 75–79	70–74 to 80–84	75+ to 85+
35.00	.6746	.8766	.9373	.9127	.8793	.8595	.8467	.8376	.8283	.8087	.7702	.7085	.6219	.5135	.3931	.2776	.1431
36.00	.6844	.8824	.9406	.9172	.8853	.8662	.8534	.8439	.8341	.8142	.7759	.7146	.6283	.5199	.3992	.2826	.1456
37.00	.6941	.8879	.9437	.9215	.8911	.8726	.8599	.8501	.8397	.8195	.7814	.7206	.6347	.5263	.4053	.2878	.1480
38.00	.7035	.8932	.9466	.9257	.8967	.8787	.8661	.8560	.8452	.8248	.7869	.7266	.6411	.5327	.4114	.2930	.1505
39.00	.7128	.8983	.9494	.9296	.9020	.8847	.8722	.8618	.8505	.8300	.7923	.7325	.6474	.5392	.4176	.2983	.1531
40.00	.7219	.9033	.9521	.9334	.9072	.8904	.8780	.8675	.8557	.8350	.7976	.7384	.6538	.5457	.4239	.3037	.1556
41.00	.7308	.9080	.9547	.9370	.9121	.8959	.8837	.8729	.8609	.8400	.8029	.7442	.6601	.5522	.4302	.3091	.1582
42.00	.7396	.9125	.9572	.9404	.9168	.9012	.8892	.8783	.8659	.8449	.8081	.7500	.6664	.5587	.4366	.3146	.1609
43.00	.7483	.9169	.9595	.9438	.9213	.9063	.8945	.8834	.8707	.8497	.8132	.7557	.6727	.5653	.4430	.3203	.1636
44.00	.7568	.9211	.9618	.9469	.9257	.9112	.8996	.8885	.8755	.8545	.8183	.7614	.6790	.5719	.4496	.3260	.1664
45.00	.7651	.9252	.9640	.9500	.9299	.9160	.9045	.8934	.8802	.8592	.8234	.7671	.6854	.5786	.4562	.3319	.1692
46.00	.7733	.9291	.9661	.9529	.9339	.9205	.9093	.8982	.8848	.8638	.8284	.7728	.6917	.5853	.4629	.3378	.1720
47.00	.7814	.9328	.9681	.9557	.9377	.9249	.9140	.9028	.8893	.8683	.8333	.7784	.6980	.5920	.4697	.3439	.1750
48.00	.7894	.9365	.9700	.9584	.9414	.9292	.9185	.9073	.8937	.8728	.8382	.7840	.7044	.5988	.4766	.3501	.1780
49.00	.7972	.9400	.9718	.9609	.9450	.9332	.9228	.9117	.8980	.8772	.8431	.7896	.7107	.6057	.4836	.3565	.1810
50.00	.8049	.9433	.9735	.9634	.9484	.9372	.9270	.9160	.9022	.8815	.8479	.7952	.7171	.6126	.4908	.3630	.1841
51.00	.8124	.9465	.9752	.9657	.9516	.9409	.9310	.9201	.9064	.8858	.8527	.8008	.7235	.6196	.4980	.3697	.1874
52.00	.8199	.9496	.9768	.9679	.9547	.9445	.9350	.9241	.9104	.8901	.8574	.8063	.7299	.6267	.5054	.3765	.1906
53.00	.8272	.9526	.9783	.9701	.9577	.9480	.9387	.9281	.9144	.8942	.8621	.8119	.7364	.6339	.5129	.3835	.1940
54.00	.8344	.9555	.9798	.9721	.9606	.9514	.9424	.9319	.9183	.8983	.8668	.8174	.7429	.6411	.5206	.3906	.1975
55.00	.8415	.9583	.9812	.9741	.9633	.9546	.9459	.9356	.9221	.9024	.8714	.8229	.7494	.6485	.5284	.3980	.2010
56.00	.8484	.9609	.9825	.9759	.9659	.9577	.9493	.9392	.9258	.9064	.8760	.8284	.7559	.6559	.5364	.4056	.2047
57.00	.8552	.9634	.9838	.9777	.9684	.9606	.9526	.9427	.9295	.9104	.8806	.8339	.7625	.6634	.5445	.4133	.2085
58.00	.8619	.9659	.9850	.9794	.9708	.9634	.9557	.9461	.9331	.9143	.8851	.8394	.7692	.6710	.5528	.4213	.2124
59.00	.8685	.9682	.9861	.9810	.9730	.9661	.9587	.9493	.9366	.9181	.8896	.8449	.7758	.6787	.5613	.4296	.2164
60.00	.8750	.9706	.9872	.9825	.9752	.9687	.9616	.9525	.9400	.9219	.8941	.8504	.7825	.6866	.5699	.4381	.2206
61.00	.8813	.9729	.9883	.9840	.9772	.9711	.9644	.9556	.9433	.9256	.8985	.8559	.7893	.6945	.5788	.4468	.2249
62.00	.8875	.9752	.9893	.9854	.9791	.9735	.9671	.9586	.9466	.9293	.9029	.8614	.7961	.7026	.5879	.4559	.2293
63.00	.8936	.9773	.9902	.9867	.9810	.9757	.9697	.9614	.9497	.9329	.9072	.8668	.8029	.7108	.5972	.4652	.2339
64.00	.8996	.9793	.9911	.9879	.9827	.9778	.9721	.9642	.9528	.9365	.9116	.8723	.8098	.7191	.6067	.4749	.2387
65.00	.9054	.9812	.9919	.9890	.9843	.9798	.9744	.9668	.9559	.9400	.9158	.8777	.8167	.7275	.6164	.4848	.2436
66.00	.9111	.9830	.9927	.9901	.9858	.9817	.9766	.9694	.9588	.9434	.9201	.8831	.8236	.7361	.6264	.4952	.2488
67.00	.9167	.9846	.9934	.9911	.9873	.9834	.9787	.9718	.9616	.9468	.9243	.8886	.8306	.7448	.6366	.5058	.2541
68.00	.9221	.9862	.9941	.9920	.9886	.9851	.9807	.9742	.9644	.9501	.9284	.8939	.8376	.7536	.6471	.5169	.2597
69.00	.9273	.9877	.9947	.9929	.9899	.9867	.9826	.9764	.9670	.9533	.9325	.8993	.8447	.7625	.6579	.5284	.2655
70.00	.9325	.9891	.9953	.9937	.9910	.9881	.9844	.9786	.9696	.9565	.9365	.9046	.8517	.7716	.6689	.5402	.2715
71.00	.9374	.9903	.9959	.9945	.9921	.9895	.9860	.9806	.9721	.9596	.9405	.9099	.8588	.7808	.6801	.5525	.2778
72.00	.9422	.9915	.9964	.9952	.9931	.9907	.9876	.9825	.9745	.9626	.9444	.9152	.8660	.7901	.6917	.5653	.2843
73.00	.9469	.9926	.9968	.9958	.9940	.9919	.9890	.9843	.9767	.9655	.9482	.9204	.8731	.7995	.7035	.5785	.2912
74.00	.9513	.9935	.9973	.9964	.9948	.9929	.9903	.9860	.9789	.9683	.9520	.9255	.8802	.8091	.7156	.5922	.2983
75.00	.9556	.9944	.9976	.9969	.9955	.9939	.9916	.9876	.9810	.9710	.9556	.9306	.8873	.8187	.7279	.6063	.3058

Ten–Year Life Table Survival Ratios

South Asian Pattern — Males

Life exp at birth	Birth to 5–9	0–4 to 10–14	5–9 to 15–19	10–14 to 20–24	15–19 to 25–29	20–24 to 30–34	25–29 to 35–39	30–34 to 40–44	35–39 to 45–49	40–44 to 50–54	45–49 to 55–59	50–54 to 60–64	55–59 to 65–69	60–64 to 70–74	65–69 to 75–79	70–74 to 80–84	75+ to 85+
35.00	.6021	.8251	.9471	.9572	.9499	.9401	.9260	.9054	.8759	.8343	.7790	.7070	.6112	.4959	.3761	.2726	.1533
36.00	.6145	.8330	.9495	.9590	.9520	.9425	.9289	.9088	.8799	.8388	.7840	.7121	.6166	.5013	.3811	.2767	.1553
37.00	.6268	.8406	.9519	.9607	.9540	.9449	.9318	.9122	.8838	.8432	.7888	.7173	.6220	.5067	.3862	.2808	.1574
38.00	.6388	.8479	.9541	.9624	.9559	.9471	.9345	.9154	.8876	.8475	.7936	.7223	.6273	.5122	.3913	.2850	.1594
39.00	.6507	.8550	.9563	.9641	.9578	.9493	.9371	.9186	.8913	.8518	.7983	.7274	.6327	.5177	.3964	.2893	.1615
40.00	.6625	.8618	.9583	.9657	.9596	.9515	.9397	.9217	.8949	.8560	.8030	.7325	.6381	.5233	.4017	.2936	.1637
41.00	.6741	.8685	.9603	.9672	.9614	.9535	.9422	.9247	.8985	.8601	.8076	.7375	.6435	.5288	.4069	.2980	.1658
42.00	.6856	.8749	.9623	.9687	.9631	.9556	.9446	.9276	.9020	.8642	.8122	.7425	.6489	.5344	.4123	.3025	.1680
43.00	.6969	.8811	.9641	.9701	.9647	.9575	.9470	.9304	.9054	.8682	.8168	.7475	.6543	.5401	.4177	.3070	.1703
44.00	.7080	.8871	.9659	.9715	.9663	.9594	.9492	.9332	.9087	.8722	.8213	.7525	.6597	.5458	.4232	.3116	.1726
45.00	.7190	.8929	.9676	.9729	.9678	.9612	.9515	.9359	.9120	.8761	.8258	.7575	.6652	.5516	.4288	.3163	.1749
46.00	.7299	.8985	.9693	.9742	.9693	.9630	.9536	.9385	.9152	.8800	.8303	.7625	.6707	.5575	.4345	.3212	.1772
47.00	.7406	.9039	.9709	.9754	.9708	.9647	.9557	.9411	.9184	.8838	.8348	.7675	.6762	.5634	.4403	.3261	.1797
48.00	.7511	.9091	.9725	.9767	.9722	.9664	.9578	.9437	.9215	.8876	.8392	.7725	.6818	.5694	.4461	.3311	.1821
49.00	.7615	.9142	.9740	.9779	.9736	.9680	.9598	.9461	.9245	.8913	.8436	.7775	.6874	.5754	.4521	.3363	.1847
50.00	.7717	.9191	.9754	.9790	.9749	.9696	.9617	.9485	.9275	.8950	.8480	.7825	.6931	.5816	.4583	.3416	.1873
51.00	.7818	.9238	.9768	.9801	.9762	.9712	.9636	.9509	.9305	.8986	.8523	.7876	.6988	.5879	.4645	.3470	.1899
52.00	.7917	.9284	.9782	.9812	.9775	.9727	.9654	.9532	.9334	.9023	.8567	.7926	.7045	.5942	.4709	.3526	.1927
53.00	.8014	.9328	.9795	.9822	.9787	.9741	.9672	.9554	.9362	.9058	.8611	.7977	.7104	.6007	.4774	.3583	.1955
54.00	.8110	.9370	.9807	.9832	.9799	.9755	.9690	.9576	.9390	.9094	.8654	.8028	.7163	.6072	.4841	.3642	.1984
55.00	.8204	.9411	.9819	.9842	.9810	.9769	.9707	.9598	.9418	.9129	.8697	.8079	.7223	.6139	.4909	.3703	.2013
56.00	.8296	.9450	.9831	.9852	.9821	.9782	.9723	.9619	.9445	.9164	.8740	.8131	.7283	.6208	.4980	.3766	.2044
57.00	.8387	.9488	.9842	.9861	.9832	.9795	.9739	.9639	.9471	.9198	.8783	.8183	.7344	.6277	.5052	.3831	.2076
58.00	.8476	.9524	.9853	.9870	.9842	.9808	.9755	.9659	.9498	.9232	.8826	.8235	.7407	.6348	.5126	.3898	.2109
59.00	.8563	.9561	.9863	.9878	.9853	.9820	.9770	.9679	.9523	.9266	.8869	.8288	.7470	.6421	.5203	.3968	.2143
60.00	.8648	.9595	.9873	.9887	.9862	.9832	.9784	.9698	.9549	.9299	.8912	.8341	.7534	.6495	.5281	.4040	.2178
61.00	.8731	.9628	.9883	.9895	.9872	.9843	.9799	.9716	.9573	.9333	.8955	.8394	.7599	.6571	.5362	.4115	.2215
62.00	.8813	.9660	.9892	.9902	.9881	.9854	.9812	.9735	.9598	.9365	.8998	.8448	.7665	.6649	.5446	.4193	.2253
63.00	.8892	.9690	.9901	.9910	.9890	.9865	.9826	.9752	.9622	.9398	.9041	.8502	.7732	.6729	.5532	.4274	.2293
64.00	.8969	.9719	.9909	.9917	.9898	.9875	.9839	.9769	.9645	.9430	.9084	.8557	.7801	.6811	.5622	.4358	.2334
65.00	.9044	.9746	.9917	.9924	.9906	.9885	.9851	.9786	.9668	.9462	.9127	.8613	.7870	.6894	.5714	.4446	.2378
66.00	.9116	.9771	.9925	.9930	.9914	.9894	.9863	.9802	.9690	.9493	.9169	.8668	.7941	.6981	.5810	.4538	.2423
67.00	.9186	.9795	.9932	.9937	.9922	.9904	.9875	.9818	.9712	.9524	.9212	.8725	.8013	.7069	.5909	.4634	.2470
68.00	.9254	.9818	.9939	.9943	.9929	.9912	.9886	.9833	.9733	.9554	.9254	.8781	.8087	.7160	.6012	.4735	.2520
69.00	.9319	.9839	.9945	.9948	.9936	.9921	.9896	.9847	.9754	.9584	.9297	.8838	.8162	.7253	.6119	.4840	.2573
70.00	.9382	.9859	.9951	.9953	.9942	.9929	.9906	.9861	.9774	.9614	.9339	.8896	.8238	.7350	.6230	.4951	.2628
71.00	.9442	.9877	.9957	.9959	.9948	.9936	.9916	.9874	.9794	.9643	.9380	.8954	.8315	.7448	.6345	.5068	.2686
72.00	.9499	.9893	.9962	.9963	.9954	.9943	.9925	.9887	.9812	.9671	.9422	.9012	.8394	.7550	.6465	.5190	.2747
73.00	.9553	.9909	.9967	.9968	.9960	.9950	.9934	.9899	.9830	.9699	.9463	.9070	.8474	.7654	.6589	.5319	.2812
74.00	.9604	.9922	.9972	.9972	.9965	.9956	.9942	.9910	.9848	.9725	.9503	.9129	.8555	.7761	.6718	.5454	.2880
75.00	.9652	.9935	.9976	.9976	.9969	.9962	.9949	.9921	.9864	.9751	.9543	.9187	.8638	.7870	.6852	.5597	.2953

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Ten–Year Life Table Survival Ratios

South Asian Pattern — Females

Life exp at birth	Birth to 5–9	0–4 to 10–14	5–9 to 15–19	10–14 to 20–24	15–19 to 25–29	20–24 to 30–34	25–29 to 35–39	30–34 to 40–44	35–39 to 45–49	40–44 to 50–54	45–49 to 55–59	50–54 to 60–64	55–59 to 65–69	60–64 to 70–74	65–69 to 75–79	70–74 to 80–84	75+ to 85+
35.00	.6134	.8159	.9359	.9367	.9231	.9163	.9092	.9011	.8897	.8639	.8130	.7346	.6344	.5172	.3822	.2555	.1253
36.00	.6246	.8238	.9390	.9398	.9269	.9203	.9132	.9049	.8934	.8677	.8175	.7399	.6403	.5233	.3878	.2601	.1274
37.00	.6357	.8315	.9420	.9429	.9305	.9240	.9170	.9086	.8969	.8715	.8219	.7452	.6463	.5293	.3935	.2648	.1296
38.00	.6467	.8389	.9449	.9458	.9340	.9277	.9207	.9123	.9004	.8752	.8262	.7505	.6522	.5354	.3993	.2695	.1318
39.00	.6575	.8461	.9476	.9485	.9373	.9312	.9242	.9158	.9038	.8788	.8305	.7557	.6581	.5415	.4051	.2743	.1340
40.00	.6681	.8530	.9503	.9512	.9405	.9345	.9276	.9192	.9072	.8824	.8348	.7608	.6640	.5476	.4110	.2793	.1363
41.00	.6787	.8597	.9529	.9537	.9436	.9378	.9309	.9225	.9104	.8858	.8390	.7660	.6699	.5537	.4169	.2842	.1386
42.00	.6890	.8663	.9553	.9562	.9466	.9409	.9342	.9257	.9136	.8893	.8431	.7711	.6758	.5599	.4229	.2893	.1409
43.00	.6993	.8726	.9577	.9585	.9494	.9439	.9373	.9288	.9167	.8927	.8472	.7762	.6816	.5661	.4290	.2945	.1433
44.00	.7094	.8787	.9599	.9608	.9521	.9468	.9402	.9318	.9197	.8960	.8513	.7812	.6875	.5724	.4352	.2998	.1457
45.00	.7194	.8846	.9621	.9629	.9548	.9496	.9432	.9348	.9227	.8993	.8553	.7863	.6934	.5787	.4415	.3051	.1482
46.00	.7293	.8904	.9642	.9650	.9573	.9523	.9459	.9376	.9256	.9025	.8593	.7913	.6993	.5851	.4478	.3106	.1507
47.00	.7390	.8960	.9662	.9670	.9597	.9548	.9487	.9404	.9285	.9057	.8632	.7963	.7053	.5915	.4543	.3163	.1533
48.00	.7486	.9013	.9681	.9689	.9620	.9573	.9513	.9431	.9313	.9088	.8672	.8013	.7112	.5980	.4609	.3220	.1560
49.00	.7581	.9066	.9700	.9708	.9643	.9597	.9538	.9458	.9340	.9119	.8711	.8063	.7172	.6046	.4676	.3280	.1587
50.00	.7675	.9116	.9717	.9725	.9664	.9621	.9563	.9484	.9367	.9150	.8749	.8112	.7232	.6112	.4744	.3340	.1615
51.00	.7767	.9165	.9734	.9742	.9685	.9643	.9587	.9509	.9393	.9180	.8788	.8162	.7293	.6179	.4814	.3402	.1644
52.00	.7858	.9212	.9751	.9759	.9705	.9664	.9610	.9533	.9419	.9210	.8826	.8212	.7353	.6248	.4885	.3466	.1674
53.00	.7947	.9258	.9767	.9774	.9724	.9685	.9632	.9557	.9444	.9239	.8864	.8261	.7414	.6316	.4957	.3532	.1704
54.00	.8036	.9302	.9782	.9789	.9742	.9705	.9654	.9580	.9469	.9268	.8901	.8311	.7476	.6386	.5031	.3600	.1736
55.00	.8123	.9345	.9796	.9804	.9759	.9724	.9674	.9602	.9494	.9297	.8939	.8361	.7538	.6457	.5107	.3669	.1768
56.00	.8208	.9386	.9810	.9817	.9776	.9742	.9694	.9624	.9517	.9325	.8976	.8410	.7600	.6529	.5184	.3741	.1802
57.00	.8292	.9426	.9824	.9830	.9792	.9760	.9714	.9646	.9541	.9353	.9013	.8460	.7663	.6602	.5264	.3815	.1836
58.00	.8375	.9464	.9836	.9843	.9807	.9777	.9733	.9666	.9564	.9381	.9050	.8510	.7727	.6677	.5345	.3892	.1872
59.00	.8457	.9502	.9849	.9855	.9822	.9793	.9751	.9686	.9586	.9408	.9086	.8560	.7791	.6752	.5428	.3971	.1910
60.00	.8537	.9539	.9860	.9866	.9836	.9809	.9768	.9706	.9609	.9436	.9123	.8610	.7855	.6829	.5514	.4054	.1948
61.00	.8615	.9574	.9872	.9877	.9849	.9823	.9785	.9725	.9630	.9462	.9159	.8660	.7920	.6907	.5602	.4139	.1988
62.00	.8692	.9608	.9882	.9887	.9862	.9838	.9801	.9743	.9651	.9489	.9195	.8710	.7986	.6987	.5692	.4227	.2030
63.00	.8768	.9641	.9892	.9897	.9874	.9851	.9816	.9761	.9672	.9515	.9231	.8760	.8053	.7068	.5785	.4319	.2073
64.00	.8841	.9672	.9902	.9907	.9885	.9864	.9831	.9778	.9692	.9540	.9267	.8811	.8120	.7151	.5880	.4414	.2119
65.00	.8913	.9701	.9911	.9915	.9896	.9876	.9845	.9794	.9712	.9566	.9302	.8861	.8188	.7235	.5979	.4513	.2166
66.00	.8984	.9729	.9919	.9924	.9906	.9888	.9858	.9810	.9731	.9591	.9337	.8911	.8256	.7321	.6080	.4616	.2215
67.00	.9052	.9755	.9927	.9931	.9916	.9899	.9871	.9825	.9750	.9615	.9372	.8962	.8325	.7409	.6184	.4724	.2267
68.00	.9119	.9780	.9935	.9939	.9925	.9909	.9883	.9840	.9768	.9639	.9407	.9012	.8395	.7498	.6292	.4836	.2321
69.00	.9184	.9804	.9942	.9945	.9933	.9918	.9895	.9854	.9785	.9663	.9441	.9063	.8465	.7589	.6403	.4953	.2378
70.00	.9247	.9826	.9949	.9952	.9941	.9928	.9906	.9867	.9802	.9686	.9475	.9113	.8536	.7682	.6517	.5075	.2438
71.00	.9307	.9846	.9955	.9958	.9948	.9936	.9916	.9880	.9819	.9709	.9509	.9163	.8607	.7776	.6635	.5202	.2500
72.00	.9366	.9865	.9960	.9963	.9954	.9944	.9925	.9892	.9835	.9731	.9542	.9213	.8679	.7872	.6756	.5335	.2566
73.00	.9422	.9882	.9966	.9968	.9961	.9951	.9934	.9904	.9850	.9752	.9574	.9263	.8751	.7970	.6882	.5474	.2636
74.00	.9476	.9898	.9970	.9973	.9966	.9958	.9943	.9915	.9865	.9773	.9606	.9312	.8823	.8070	.7010	.5620	.2709
75.00	.9527	.9913	.9975	.9977	.9971	.9964	.9950	.9925	.9878	.9794	.9637	.9361	.8896	.8170	.7143	.5771	.2786

Ten–Year Life Table Survival Ratios

Far Eastern Pattern — Males

Life exp at birth	Birth to 5–9	0–4 to 10–14	5–9 to 15–19	10–14 to 20–24	15–19 to 25–29	20–24 to 30–34	25–29 to 35–39	30–34 to 40–44	35–39 to 45–49	40–44 to 50–54	45–49 to 55–59	50–54 to 60–64	55–59 to 65–69	60–64 to 70–74	65–69 to 75–79	70–74 to 80–84	75+ to 85+
35.00	.7296	.8822	.9304	.9130	.8844	.8637	.8406	.8062	.7618	.7062	.6406	.5613	.4573	.3443	.2443	.1653	.0896
36.00	.7406	.8886	.9340	.9172	.8897	.8697	.8474	.8138	.7699	.7145	.6487	.5690	.4643	.3505	.2493	.1690	.0913
37.00	.7514	.8947	.9375	.9212	.8949	.8757	.8540	.8212	.7778	.7227	.6567	.5766	.4714	.3568	.2545	.1727	.0931
38.00	.7619	.9005	.9408	.9251	.8998	.8814	.8605	.8284	.7856	.7307	.6647	.5842	.4785	.3631	.2597	.1765	.0949
39.00	.7721	.9061	.9439	.9288	.9046	.8869	.8667	.8354	.7932	.7387	.6727	.5919	.4857	.3696	.2650	.1804	.0968
40.00	.7821	.9115	.9470	.9324	.9093	.8923	.8728	.8422	.8007	.7466	.6807	.5995	.4930	.3762	.2705	.1844	.0986
41.00	.7918	.9166	.9499	.9359	.9138	.8975	.8787	.8489	.8081	.7545	.6886	.6072	.5003	.3829	.2761	.1885	.1006
42.00	.8012	.9215	.9527	.9392	.9181	.9025	.8845	.8555	.8154	.7622	.6965	.6150	.5077	.3897	.2818	.1927	.1026
43.00	.8105	.9262	.9554	.9425	.9223	.9074	.8900	.8619	.8225	.7699	.7044	.6227	.5152	.3966	.2876	.1971	.1046
44.00	.8195	.9307	.9580	.9456	.9264	.9121	.8954	.8681	.8295	.7775	.7122	.6305	.5228	.4036	.2936	.2015	.1067
45.00	.8282	.9350	.9605	.9486	.9303	.9167	.9007	.8742	.8364	.7850	.7201	.6384	.5305	.4108	.2997	.2061	.1088
46.00	.8367	.9392	.9629	.9515	.9341	.9211	.9058	.8801	.8432	.7925	.7279	.6463	.5383	.4182	.3060	.2109	.1111
47.00	.8450	.9431	.9652	.9543	.9378	.9254	.9108	.8859	.8498	.7999	.7358	.6542	.5462	.4257	.3125	.2158	.1134
48.00	.8531	.9470	.9674	.9570	.9413	.9296	.9156	.8916	.8564	.8072	.7436	.6623	.5542	.4334	.3192	.2209	.1157
49.00	.8610	.9507	.9695	.9596	.9448	.9336	.9203	.8971	.8628	.8145	.7515	.6703	.5624	.4413	.3261	.2262	.1182
50.00	.8686	.9543	.9715	.9621	.9481	.9375	.9248	.9025	.8691	.8217	.7593	.6785	.5707	.4493	.3332	.2316	.1207
51.00	.8761	.9577	.9734	.9645	.9513	.9413	.9292	.9078	.8753	.8288	.7671	.6867	.5791	.4576	.3405	.2373	.1233
52.00	.8833	.9609	.9753	.9668	.9544	.9450	.9335	.9129	.8815	.8359	.7750	.6950	.5877	.4660	.3481	.2432	.1261
53.00	.8903	.9640	.9770	.9691	.9573	.9485	.9376	.9179	.8874	.8429	.7828	.7034	.5965	.4747	.3559	.2494	.1289
54.00	.8970	.9669	.9787	.9712	.9602	.9519	.9416	.9228	.8933	.8499	.7906	.7118	.6054	.4837	.3641	.2558	.1318
55.00	.9036	.9697	.9803	.9733	.9630	.9552	.9455	.9275	.8991	.8568	.7985	.7203	.6145	.4929	.3725	.2624	.1349
56.00	.9100	.9723	.9819	.9752	.9656	.9583	.9492	.9321	.9047	.8636	.8063	.7289	.6237	.5023	.3812	.2694	.1381
57.00	.9161	.9748	.9834	.9771	.9682	.9614	.9528	.9365	.9103	.8703	.8142	.7376	.6332	.5120	.3902	.2767	.1415
58.00	.9220	.9771	.9847	.9789	.9706	.9643	.9563	.9409	.9157	.8770	.8220	.7464	.6428	.5221	.3997	.2843	.1450
59.00	.9277	.9793	.9861	.9807	.9730	.9671	.9596	.9450	.9210	.8835	.8298	.7553	.6526	.5324	.4094	.2923	.1487
60.00	.9332	.9814	.9873	.9823	.9752	.9698	.9628	.9491	.9262	.8900	.8376	.7643	.6627	.5431	.4196	.3008	.1525
61.00	.9385	.9833	.9885	.9839	.9773	.9724	.9659	.9530	.9312	.8964	.8454	.7734	.6730	.5541	.4303	.3096	.1566
62.00	.9436	.9851	.9896	.9854	.9794	.9748	.9688	.9567	.9361	.9027	.8532	.7825	.6835	.5654	.4414	.3189	.1608
63.00	.9484	.9868	.9907	.9868	.9813	.9771	.9716	.9604	.9408	.9089	.8610	.7917	.6942	.5772	.4529	.3287	.1653
64.00	.9530	.9883	.9917	.9881	.9831	.9793	.9743	.9638	.9454	.9150	.8687	.8010	.7051	.5893	.4650	.3391	.1701
65.00	.9574	.9898	.9926	.9893	.9849	.9814	.9768	.9671	.9499	.9210	.8763	.8104	.7163	.6018	.4777	.3501	.1751
66.00	.9615	.9911	.9934	.9905	.9865	.9834	.9792	.9703	.9542	.9268	.8839	.8199	.7277	.6147	.4909	.3616	.1804
67.00	.9655	.9923	.9942	.9916	.9880	.9852	.9815	.9733	.9583	.9325	.8914	.8293	.7393	.6281	.5047	.3739	.1860
68.00	.9692	.9934	.9950	.9926	.9894	.9869	.9836	.9761	.9623	.9380	.8989	.8388	.7511	.6419	.5191	.3869	.1920
69.00	.9726	.9943	.9956	.9935	.9907	.9885	.9855	.9788	.9660	.9434	.9062	.8484	.7631	.6561	.5342	.4006	.1983
70.00	.9759	.9952	.9963	.9944	.9919	.9900	.9873	.9813	.9696	.9485	.9134	.8579	.7753	.6707	.5499	.4152	.2050
71.00	.9789	.9960	.9968	.9952	.9930	.9914	.9890	.9836	.9730	.9535	.9204	.8674	.7877	.6857	.5664	.4306	.2122
72.00	.9816	.9967	.9973	.9959	.9940	.9926	.9905	.9857	.9762	.9582	.9272	.8768	.8001	.7011	.5835	.4469	.2198
73.00	.9841	.9973	.9977	.9965	.9950	.9937	.9919	.9877	.9791	.9627	.9339	.8861	.8127	.7168	.6013	.4642	.2279
74.00	.9864	.9978	.9981	.9971	.9958	.9947	.9932	.9895	.9819	.9670	.9403	.8952	.8253	.7329	.6197	.4825	.2364
75.00	.9885	.9982	.9985	.9976	.9965	.9956	.9943	.9911	.9844	.9710	.9464	.9042	.8378	.7492	.6388	.5017	.2456

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Ten–Year Life Table Survival Ratios

Far Eastern Pattern — Females

Life exp at birth	Birth to 5–9	0–4 to 10–14	5–9 to 15–19	10–14 to 20–24	15–19 to 25–29	20–24 to 30–34	25–29 to 35–39	30–34 to 40–44	35–39 to 45–49	40–44 to 50–54	45–49 to 55–59	50–54 to 60–64	55–59 to 65–69	60–64 to 70–74	65–69 to 75–79	70–74 to 80–84	75+ to 85+
35.00	.7415	.8822	.9262	.8879	.8423	.8183	.8053	.7961	.7833	.7533	.6996	.6268	.5409	.4432	.3330	.2250	.1089
36.00	.7506	.8880	.9301	.8937	.8502	.8269	.8138	.8040	.7905	.7601	.7067	.6341	.5482	.4500	.3390	.2298	.1110
37.00	.7595	.8936	.9338	.8993	.8578	.8352	.8220	.8117	.7975	.7669	.7137	.6414	.5555	.4568	.3451	.2346	.1132
38.00	.7682	.8989	.9373	.9047	.8651	.8432	.8299	.8192	.8044	.7736	.7206	.6486	.5627	.4636	.3512	.2395	.1154
39.00	.7766	.9040	.9407	.9098	.8721	.8509	.8376	.8265	.8111	.7801	.7274	.6559	.5700	.4705	.3574	.2444	.1176
40.00	.7849	.9090	.9440	.9147	.8788	.8583	.8451	.8335	.8177	.7866	.7342	.6630	.5773	.4775	.3637	.2495	.1199
41.00	.7930	.9137	.9471	.9194	.8853	.8654	.8523	.8405	.8242	.7929	.7409	.6702	.5845	.4845	.3701	.2547	.1222
42.00	.8008	.9182	.9500	.9239	.8915	.8723	.8593	.8472	.8305	.7992	.7475	.6773	.5918	.4915	.3766	.2599	.1246
43.00	.8085	.9226	.9529	.9283	.8975	.8790	.8661	.8537	.8367	.8054	.7541	.6844	.5992	.4986	.3831	.2653	.1270
44.00	.8160	.9267	.9556	.9324	.9033	.8855	.8727	.8601	.8428	.8115	.7607	.6915	.6065	.5058	.3898	.2708	.1295
45.00	.8233	.9307	.9582	.9364	.9088	.8917	.8790	.8663	.8487	.8175	.7672	.6986	.6139	.5130	.3966	.2764	.1320
46.00	.8305	.9346	.9607	.9402	.9141	.8976	.8852	.8724	.8546	.8234	.7737	.7057	.6214	.5204	.4035	.2822	.1346
47.00	.8375	.9383	.9631	.9438	.9192	.9034	.8912	.8783	.8603	.8293	.7801	.7128	.6288	.5278	.4105	.2881	.1373
48.00	.8443	.9420	.9654	.9473	.9242	.9090	.8970	.8841	.8659	.8351	.7865	.7198	.6363	.5353	.4177	.2942	.1400
49.00	.8510	.9455	.9675	.9507	.9289	.9143	.9026	.8897	.8715	.8409	.7928	.7269	.6439	.5430	.4251	.3004	.1428
50.00	.8575	.9490	.9696	.9538	.9334	.9195	.9080	.8951	.8769	.8466	.7992	.7340	.6516	.5507	.4325	.3068	.1457
51.00	.8639	.9522	.9716	.9569	.9377	.9245	.9133	.9005	.8822	.8522	.8055	.7412	.6592	.5585	.4402	.3134	.1486
52.00	.8701	.9554	.9735	.9598	.9419	.9293	.9184	.9056	.8874	.8577	.8117	.7483	.6670	.5665	.4480	.3202	.1517
53.00	.8762	.9584	.9754	.9626	.9459	.9339	.9233	.9107	.8926	.8632	.8180	.7554	.6748	.5746	.4560	.3272	.1549
54.00	.8822	.9613	.9771	.9653	.9497	.9383	.9280	.9156	.8976	.8687	.8242	.7626	.6827	.5828	.4642	.3344	.1581
55.00	.8880	.9640	.9788	.9678	.9533	.9425	.9326	.9203	.9025	.8741	.8304	.7697	.6907	.5912	.4726	.3419	.1615
56.00	.8937	.9666	.9803	.9703	.9568	.9466	.9370	.9250	.9074	.8794	.8366	.7769	.6987	.5997	.4812	.3496	.1650
57.00	.8992	.9691	.9818	.9726	.9601	.9505	.9413	.9295	.9121	.8846	.8427	.7841	.7069	.6083	.4900	.3576	.1686
58.00	.9046	.9715	.9833	.9748	.9632	.9542	.9454	.9338	.9168	.8898	.8488	.7914	.7151	.6172	.4991	.3659	.1723
59.00	.9099	.9738	.9846	.9768	.9662	.9578	.9493	.9381	.9213	.8949	.8549	.7986	.7234	.6261	.5084	.3744	.1762
60.00	.9150	.9760	.9859	.9788	.9691	.9612	.9531	.9422	.9258	.9000	.8610	.8059	.7317	.6353	.5180	.3833	.1803
61.00	.9200	.9780	.9871	.9807	.9718	.9644	.9567	.9461	.9301	.9050	.8670	.8132	.7402	.6446	.5279	.3925	.1845
62.00	.9248	.9799	.9883	.9825	.9743	.9674	.9601	.9499	.9344	.9099	.8730	.8205	.7488	.6542	.5380	.4021	.1889
63.00	.9296	.9818	.9894	.9841	.9767	.9704	.9634	.9536	.9385	.9148	.8790	.8278	.7574	.6639	.5485	.4121	.1935
64.00	.9341	.9835	.9904	.9857	.9790	.9731	.9666	.9572	.9425	.9196	.8849	.8352	.7662	.6738	.5593	.4225	.1983
65.00	.9386	.9851	.9914	.9871	.9811	.9757	.9696	.9606	.9465	.9243	.8908	.8426	.7750	.6839	.5704	.4333	.2033
66.00	.9429	.9867	.9923	.9885	.9831	.9781	.9724	.9639	.9503	.9289	.8966	.8499	.7840	.6942	.5818	.4445	.2085
67.00	.9470	.9881	.9931	.9898	.9849	.9804	.9751	.9670	.9540	.9335	.9024	.8572	.7930	.7047	.5936	.4563	.2140
68.00	.9510	.9894	.9939	.9909	.9866	.9826	.9776	.9700	.9576	.9379	.9081	.8646	.8021	.7154	.6057	.4685	.2197
69.00	.9549	.9906	.9946	.9920	.9882	.9846	.9800	.9728	.9610	.9423	.9138	.8719	.8112	.7263	.6183	.4813	.2258
70.00	.9586	.9918	.9953	.9930	.9897	.9864	.9822	.9755	.9643	.9465	.9193	.8792	.8205	.7375	.6312	.4947	.2321
71.00	.9621	.9928	.9959	.9939	.9910	.9881	.9843	.9780	.9675	.9507	.9248	.8865	.8297	.7488	.6445	.5086	.2387
72.00	.9655	.9938	.9964	.9948	.9923	.9897	.9862	.9804	.9706	.9547	.9302	.8937	.8390	.7603	.6581	.5232	.2457
73.00	.9688	.9946	.9969	.9955	.9934	.9911	.9880	.9827	.9735	.9586	.9355	.9008	.8484	.7720	.6722	.5383	.2531
74.00	.9718	.9954	.9974	.9962	.9944	.9924	.9896	.9848	.9762	.9623	.9407	.9078	.8577	.7838	.6866	.5542	.2609
75.00	.9747	.9961	.9978	.9968	.9953	.9935	.9911	.9867	.9788	.9659	.9457	.9148	.8670	.7957	.7014	.5707	.2690

General Pattern — Males

Life exp at birth	Birth to 5–9	0–4 to 10–14	5–9 to 15–19	10–14 to 20–24	15–19 to 25–29	20–24 to 30–34	25–29 to 35–39	30–34 to 40–44	35–39 to 45–49	40–44 to 50–54	45–49 to 55–59	50–54 to 60–64	55–59 to 65–69	60–64 to 70–74	65–69 to 75–79	70–74 to 80–84	75+ to 85+
35.00	.6714	.8596	.9347	.9263	.9035	.8868	.8694	.8464	.8175	.7799	.7314	.6667	.5770	.4639	.3454	.2401	.1240
36.00	.6829	.8664	.9378	.9296	.9076	.8915	.8746	.8521	.8234	.7859	.7374	.6727	.5829	.4697	.3506	.2441	.1259
37.00	.6942	.8730	.9408	.9327	.9116	.8960	.8796	.8575	.8292	.7919	.7434	.6786	.5888	.4756	.3559	.2483	.1278
38.00	.7052	.8792	.9436	.9357	.9154	.9004	.8845	.8629	.8349	.7978	.7494	.6845	.5948	.4815	.3612	.2525	.1297
39.00	.7161	.8853	.9464	.9386	.9191	.9047	.8893	.8681	.8404	.8036	.7552	.6904	.6008	.4874	.3666	.2567	.1317
40.00	.7267	.8911	.9490	.9415	.9227	.9088	.8939	.8732	.8459	.8093	.7611	.6963	.6067	.4934	.3721	.2611	.1337
41.00	.7371	.8968	.9516	.9442	.9261	.9128	.8984	.8782	.8512	.8149	.7669	.7022	.6127	.4994	.3776	.2655	.1357
42.00	.7473	.9022	.9540	.9468	.9295	.9167	.9028	.8830	.8565	.8204	.7726	.7080	.6188	.5055	.3833	.2700	.1378
43.00	.7574	.9074	.9564	.9494	.9327	.9204	.9070	.8878	.8616	.8259	.7783	.7139	.6248	.5116	.3890	.2746	.1399
44.00	.7672	.9124	.9587	.9518	.9359	.9241	.9112	.8924	.8666	.8313	.7840	.7197	.6309	.5178	.3948	.2793	.1420
45.00	.7769	.9172	.9609	.9542	.9390	.9277	.9152	.8969	.8716	.8367	.7896	.7256	.6370	.5241	.4007	.2841	.1442
46.00	.7863	.9218	.9630	.9565	.9419	.9311	.9191	.9013	.8765	.8420	.7952	.7314	.6432	.5304	.4067	.2890	.1465
47.00	.7956	.9263	.9650	.9587	.9448	.9345	.9229	.9056	.8812	.8472	.8008	.7373	.6494	.5369	.4129	.2940	.1488
48.00	.8047	.9306	.9670	.9609	.9476	.9377	.9266	.9098	.8859	.8523	.8063	.7432	.6556	.5434	.4191	.2992	.1511
49.00	.8136	.9347	.9689	.9630	.9503	.9409	.9302	.9139	.8905	.8574	.8118	.7491	.6619	.5501	.4255	.3045	.1536
50.00	.8223	.9387	.9707	.9650	.9529	.9439	.9338	.9180	.8951	.8625	.8174	.7550	.6683	.5568	.4321	.3100	.1561
51.00	.8308	.9425	.9724	.9670	.9555	.9469	.9372	.9219	.8996	.8675	.8228	.7609	.6747	.5637	.4387	.3156	.1586
52.00	.8392	.9462	.9741	.9688	.9580	.9498	.9405	.9257	.9039	.8725	.8283	.7669	.6813	.5706	.4456	.3214	.1613
53.00	.8473	.9497	.9757	.9707	.9604	.9526	.9437	.9295	.9082	.8774	.8338	.7729	.6879	.5777	.4526	.3273	.1640
54.00	.8553	.9532	.9773	.9725	.9627	.9554	.9469	.9332	.9125	.8822	.8392	.7789	.6945	.5850	.4598	.3335	.1668
55.00	.8631	.9566	.9788	.9742	.9649	.9580	.9499	.9367	.9167	.8870	.8447	.7849	.7013	.5924	.4672	.3398	.1697
56.00	.8707	.9598	.9802	.9758	.9671	.9606	.9529	.9402	.9207	.8918	.8501	.7910	.7081	.5999	.4748	.3464	.1728
57.00	.8782	.9629	.9816	.9774	.9692	.9630	.9558	.9436	.9248	.8965	.8555	.7972	.7151	.6076	.4826	.3532	.1759
58.00	.8854	.9658	.9830	.9789	.9712	.9654	.9586	.9469	.9287	.9012	.8610	.8034	.7221	.6154	.4907	.3603	.1791
59.00	.8925	.9687	.9842	.9804	.9732	.9678	.9613	.9502	.9326	.9058	.8664	.8096	.7293	.6235	.4990	.3677	.1825
60.00	.8993	.9713	.9855	.9818	.9751	.9700	.9639	.9533	.9364	.9104	.8718	.8158	.7365	.6317	.5075	.3753	.1860
61.00	.9060	.9739	.9866	.9832	.9769	.9722	.9665	.9564	.9401	.9149	.8771	.8221	.7439	.6402	.5164	.3832	.1896
62.00	.9125	.9763	.9877	.9845	.9787	.9743	.9689	.9593	.9437	.9194	.8825	.8285	.7514	.6488	.5255	.3915	.1935
63.00	.9187	.9785	.9888	.9858	.9804	.9763	.9713	.9622	.9473	.9238	.8879	.8349	.7590	.6576	.5349	.4001	.1974
64.00	.9248	.9807	.9898	.9870	.9820	.9782	.9736	.9650	.9508	.9281	.8932	.8414	.7668	.6667	.5447	.4092	.2016
65.00	.9307	.9827	.9907	.9881	.9835	.9801	.9757	.9677	.9542	.9324	.8986	.8479	.7746	.6761	.5549	.4186	.2060
66.00	.9363	.9846	.9917	.9892	.9850	.9818	.9778	.9703	.9575	.9367	.9039	.8544	.7827	.6856	.5654	.4285	.2106
67.00	.9417	.9863	.9925	.9903	.9864	.9835	.9798	.9728	.9607	.9408	.9092	.8611	.7908	.6955	.5763	.4389	.2154
68.00	.9469	.9879	.9933	.9912	.9878	.9851	.9817	.9752	.9638	.9449	.9145	.8677	.7992	.7056	.5876	.4498	.2205
69.00	.9519	.9894	.9941	.9922	.9890	.9866	.9836	.9775	.9669	.9489	.9197	.8744	.8076	.7160	.5994	.4613	.2258
70.00	.9566	.9908	.9948	.9930	.9902	.9881	.9853	.9798	.9698	.9528	.9249	.8811	.8162	.7267	.6116	.4733	.2315
71.00	.9611	.9921	.9954	.9939	.9914	.9894	.9869	.9819	.9726	.9566	.9300	.8878	.8249	.7377	.6243	.4860	.2375
72.00	.9654	.9932	.9960	.9946	.9924	.9907	.9885	.9838	.9753	.9604	.9351	.8946	.8338	.7489	.6376	.4994	.2439
73.00	.9694	.9943	.9966	.9953	.9934	.9919	.9899	.9857	.9779	.9640	.9401	.9014	.8428	.7605	.6513	.5135	.2506
74.00	.9731	.9952	.9971	.9960	.9943	.9930	.9912	.9875	.9803	.9674	.9450	.9081	.8519	.7724	.6656	.5284	.2578
75.00	.9766	.9960	.9975	.9966	.9951	.9940	.9924	.9891	.9827	.9708	.9498	.9148	.8611	.7845	.6804	.5441	.2654

Ten–Year Life Table Survival Ratios

General Pattern — Females

Life exp at birth	Birth to 5–9	0–4 to 10–14	5–9 to 15–19	10–14 to 20–24	15–19 to 25–29	20–24 to 30–34	25–29 to 35–39	30–34 to 40–44	35–39 to 45–49	40–44 to 50–54	45–49 to 55–59	50–54 to 60–64	55–59 to 65–69	60–64 to 70–74	65–69 to 75–79	70–74 to 80–84	75+ to 85+
35.00	.6846	.8439	.9210	.9050	.8746	.8574	.8468	.8402	.8330	.8121	.7692	.7037	.6169	.5080	.3788	.2536	.1204
36.00	.6946	.8509	.9249	.9097	.8806	.8638	.8532	.8462	.8384	.8172	.7746	.7096	.6231	.5142	.3845	.2582	.1225
37.00	.7045	.8576	.9286	.9142	.8863	.8701	.8594	.8520	.8437	.8223	.7800	.7154	.6293	.5203	.3903	.2629	.1246
38.00	.7141	.8641	.9321	.9185	.8919	.8761	.8655	.8577	.8488	.8272	.7852	.7212	.6355	.5265	.3962	.2677	.1268
39.00	.7236	.8704	.9355	.9226	.8973	.8819	.8713	.8632	.8538	.8321	.7904	.7270	.6416	.5327	.4020	.2725	.1289
40.00	.7329	.8765	.9388	.9266	.9024	.8875	.8770	.8686	.8588	.8369	.7956	.7327	.6478	.5390	.4080	.2775	.1311
41.00	.7420	.8823	.9419	.9304	.9074	.8929	.8824	.8738	.8636	.8417	.8007	.7384	.6539	.5453	.4140	.2825	.1334
42.00	.7509	.8880	.9450	.9340	.9121	.8982	.8877	.8789	.8683	.8463	.8057	.7440	.6601	.5516	.4201	.2876	.1357
43.00	.7597	.8934	.9479	.9375	.9167	.9032	.8929	.8838	.8729	.8509	.8107	.7496	.6662	.5579	.4263	.2928	.1380
44.00	.7684	.8987	.9507	.9409	.9211	.9081	.8979	.8887	.8775	.8554	.8156	.7552	.6724	.5643	.4325	.2981	.1404
45.00	.7768	.9038	.9533	.9442	.9254	.9128	.9027	.8934	.8819	.8599	.8205	.7608	.6785	.5707	.4388	.3036	.1428
46.00	.7852	.9087	.9559	.9473	.9295	.9174	.9074	.8980	.8863	.8643	.8254	.7663	.6847	.5772	.4453	.3091	.1453
47.00	.7933	.9135	.9584	.9503	.9334	.9218	.9120	.9025	.8906	.8687	.8302	.7719	.6909	.5838	.4518	.3148	.1479
48.00	.8014	.9181	.9608	.9531	.9372	.9260	.9164	.9068	.8948	.8730	.8350	.7774	.6971	.5904	.4585	.3206	.1505
49.00	.8093	.9225	.9630	.9559	.9409	.9301	.9207	.9111	.8989	.8772	.8398	.7830	.7034	.5971	.4653	.3265	.1531
50.00	.8170	.9268	.9652	.9586	.9444	.9341	.9249	.9153	.9030	.8814	.8445	.7885	.7097	.6039	.4722	.3326	.1559
51.00	.8246	.9310	.9674	.9611	.9478	.9379	.9289	.9193	.9069	.8856	.8492	.7940	.7160	.6107	.4792	.3389	.1587
52.00	.8321	.9350	.9694	.9636	.9511	.9416	.9328	.9233	.9109	.8897	.8539	.7995	.7223	.6177	.4864	.3453	.1616
53.00	.8394	.9390	.9713	.9659	.9542	.9452	.9366	.9271	.9147	.8937	.8586	.8051	.7287	.6247	.4937	.3519	.1646
54.00	.8466	.9428	.9732	.9682	.9572	.9486	.9403	.9309	.9185	.8977	.8632	.8106	.7352	.6318	.5012	.3587	.1677
55.00	.8537	.9465	.9750	.9704	.9601	.9519	.9438	.9346	.9222	.9017	.8678	.8161	.7417	.6391	.5088	.3657	.1709
56.00	.8606	.9501	.9767	.9724	.9628	.9551	.9473	.9381	.9258	.9057	.8725	.8217	.7482	.6464	.5167	.3730	.1742
57.00	.8674	.9536	.9784	.9744	.9655	.9581	.9506	.9416	.9294	.9096	.8770	.8273	.7548	.6539	.5247	.3805	.1776
58.00	.8740	.9568	.9800	.9763	.9680	.9610	.9538	.9450	.9329	.9134	.8816	.8328	.7615	.6615	.5329	.3882	.1811
59.00	.8806	.9600	.9815	.9781	.9705	.9639	.9569	.9483	.9364	.9172	.8861	.8384	.7682	.6692	.5414	.3962	.1848
60.00	.8869	.9630	.9829	.9799	.9728	.9666	.9599	.9515	.9397	.9210	.8906	.8440	.7750	.6771	.5500	.4045	.1886
61.00	.8932	.9659	.9843	.9815	.9749	.9692	.9628	.9546	.9430	.9247	.8952	.8496	.7819	.6851	.5589	.4130	.1925
62.00	.8993	.9687	.9856	.9831	.9771	.9716	.9655	.9576	.9463	.9284	.8996	.8552	.7888	.6932	.5680	.4219	.1966
63.00	.9052	.9713	.9868	.9845	.9791	.9740	.9682	.9605	.9495	.9320	.9041	.8609	.7958	.7015	.5774	.4312	.2009
64.00	.9110	.9738	.9880	.9860	.9810	.9762	.9707	.9633	.9526	.9356	.9085	.8665	.8028	.7100	.5871	.4408	.2053
65.00	.9167	.9762	.9891	.9873	.9827	.9784	.9732	.9661	.9556	.9392	.9129	.8722	.8100	.7186	.5970	.4507	.2100
66.00	.9222	.9785	.9902	.9885	.9844	.9804	.9755	.9687	.9586	.9427	.9173	.8779	.8171	.7274	.6073	.4611	.2149
67.00	.9276	.9806	.9911	.9897	.9860	.9823	.9777	.9712	.9615	.9461	.9217	.8835	.8244	.7364	.6179	.4720	.2200
68.00	.9328	.9826	.9921	.9908	.9875	.9841	.9798	.9737	.9643	.9495	.9260	.8892	.8318	.7455	.6288	.4833	.2253
69.00	.9378	.9845	.9929	.9918	.9889	.9858	.9818	.9760	.9670	.9528	.9303	.8949	.8392	.7548	.6400	.4951	.2309
70.00	.9427	.9862	.9938	.9928	.9902	.9874	.9837	.9782	.9696	.9561	.9346	.9006	.8467	.7643	.6516	.5074	.2368
71.00	.9473	.9879	.9945	.9937	.9914	.9889	.9855	.9803	.9722	.9593	.9388	.9062	.8542	.7740	.6635	.5203	.2430
72.00	.9519	.9894	.9952	.9945	.9925	.9902	.9872	.9823	.9746	.9624	.9429	.9119	.8618	.7839	.6758	.5337	.2496
73.00	.9562	.9908	.9958	.9952	.9935	.9915	.9887	.9842	.9770	.9654	.9470	.9175	.8694	.7939	.6885	.5478	.2565
74.00	.9603	.9920	.9964	.9959	.9944	.9927	.9901	.9860	.9792	.9684	.9510	.9230	.8770	.8041	.7015	.5625	.2637
75.00	.9643	.9932	.9970	.9965	.9953	.9937	.9915	.9877	.9814	.9712	.9549	.9286	.8847	.8145	.7150	.5779	.2714

ANNEX V

Description of life table construction for the input life tables

Life tables for Chile were calculated for the periods 1951-1953, 1959-1961 and 1969-1971 based on population census age-sex counts of 24 April 1952, 29 November 1960 and 22 April 1970 and registered vital events by age and sex for the indicated three-year periods.

Sources of data

For the 1951-1953 and 1969-1971 life tables, population and vital statistics data were available from official Chilean publications and various issues of the United Nations *Demographic Yearbook.*[1] For the 1959-1961 life table, death rates by age and sex were available from the study of Tacla and Pujol.[2]

Evaluation of death rates at ages 5 and over

Chile's vital registration system has long been known to be of high quality and numerous studies have taken the death registration system to be complete or nearly complete.[3] We evaluated the quality of the death registration system by application of the methods of Brass and Preston. Estimates of completeness for ages 5 and over based on these techniques are presented in the following table:

	(Percentage)		
	1951-1953	*1959-1961*	*1969-1971*
Males			
Brass	94-98	89-97	103-117
Preston	91-93	91	93-97
Females			
Brass	98-103	94-96	102-106
Preston	92-94	84-89	88-90

The estimates show some inconsistencies between the two methods, the Brass method generally showing higher values than the Preston method. It generally appears that death registration is at least 90 per cent complete, relative to the census, for all three periods, but how much more than 90 per cent complete is unclear. We can probably most safely say that, relative to the census count, death registration has been between 90 and 100 per cent complete since the early 1950s. We chose to make no adjustment of the death registration data for ages 5 and over, realizing however that with this choice we may have slightly underestimated mortality in each life table.

Evaluation of death rates at ages under 5

As with deaths at the older ages, deaths of persons under age 5 have generally been assumed to be completely registered. However, birth registration data, the source of the denominator for calculation of early-age mortality rates, have often been adjusted for omission or late registration of events.[4]

We further evaluated death registration data under age 5 by comparison of the registered rates with rates estimated from the 1970 sample tabulations of children ever born and children surviving by age of mother.[5] Proportions of children still alive by age of mother calculated from these tabulations can be converted into conventional life table probabilities of death by Trussell regression equations. By using another series of equations developed by Trussell, the approximate reference dates to which these estimates refer can be calculated.

Values of $q(2)$ and $q(5)$, the probabilities of a live-born child dying before ages 2 and 5, respectively, estimated from the census tabulations were compared with those estimated from vital statistics. For $q(2)$ the comparison was made for 1968 and for $q(5)$ for 1965.

The evaluation of death registration data under age 5 was carried out under two assumptions: that death registration was equally complete between ages 1 and 2, 2 and 3, 3 and 4 and 4 and 5; and that the relation of completeness below age 1 to age-group 1-4 followed a pattern observed by Puffer and Serrano for Chile, in which completeness of death registration for age-group 0-1 is about 98 per cent of that for age-group 1-4.[6]

From the civil registration data, values of the probabilities of dying before age 1 and between ages 1 and 2 or between ages 1 and 5 (depending on whether comparisons are made on the basis of $q(2)$ or $q(5)$) were calculated by following artificial birth cohorts forward through time and reducing them by the deaths reported in those age-groups by the civil registration system.[7]

Estimates of completeness were then obtained by solving for c in the formula

$$p(2) = {}_1p_0^{(1/0.93\,c)} \cdot {}_1p_1^{1/c} \qquad (1)$$

or

$$p(5) = {}_1p_0^{(1/0.93\,c)} \cdot {}_4p_1^{1/c} \qquad (2)$$

where $p(i) = 1 - q(i)$ is the estimate of the probability of surviving up to age i estimated from the children ever born and children surviving tabulations, and ${}_1p_0$ and ${}_jp_1$ are the probabilities of surviving from birth to age 1 and from age 1 to age $1+j$, respectively, calculated from the civil registration system. Solving equation (1), based on $p(2)$, we obtain completeness estimates of 95 per cent for infant death registration and 97 per cent for registration in age-group 1-4. Solving the "$p(5)$ equation", we obtain estimates of 107 per cent completeness for infant death registration and 109 per cent for childhood death registration. These estimates are, of course, relative to completeness of birth registration.

In the following table, we present a comparison of the values of ${}_1q_0$ and ${}_4q_1$ for 1960 and 1970 that "fall out" from these completeness estimates and those obtained by Pujol, and Tacla and Pujol:[8]

	${}_1q_0$		${}_4q_1$	
	Our estimates	*Pujol*	*Our estimates*	*Pujol*
1969-1971				
Total	0.0718-0.0805	0.0824	0.0123-0.0138	0.0145
Male	0.0772-0.0865	0.0892	0.0128-0.0143	0.0153
Female	0.0661-0.0742	0.0754	0.0117-0.0132	0.0137

[1]For population by age and sex, see República de Chile, Oficina de Planificación Nacional, *Proyección de la Población de Chile por Sexo y Grupos Quinquenales de Edad, 1950-2000* (Santiago, CELADE, 1975), p. 16, table 1. For registered deaths by age and sex, see *Demographic Yearbook, 1957* (United Nations publication, Sales No. 58.XIII.1), pp. 244-245, table 10; and *Demographic Yearbook, 1974* (United Nations publication, Sales No. E/F.75.XIII.1), pp. 566 and 567, table 25. For births by sex, see *Demographic Yearbook, 1959* (United Nations publication, Sales No. 60.XIII.1), p. 227, table 10; and *Demographic Yearbook, 1975* (United Nations publication, Sales No. E/F. 76.XIII.1), pp. 446-447, table 20.

[2]See O. Tacla and J. Pujol, *Chile: Tablas Abreviadas de Mortalidad, 1952-53 y 1960-61* (Santiago, CELADE, 1965), pp. 32-33, tables 14 and 15.

[3]See, for example, the following publications of CELADE: J. M. Pujol, *Chile: Tablas Abreviadas de Mortalidad a Nivel Nacional y Regional, 1969-70* (Santiago, 1976); J. Somoza and O. Tacla, *La Mortalidad en Chile según las Tablas de Vida de 1920, 1930, 1940, 1952 y 1960* (Santiago, 1973), especially pp. 3-7; O. Tacla and J. Pujol, op. cit.; and E. Taucher, *Chile: Mortalidad desde 1955 a 1975, Tendencios y Causas* (Santiago, 1978), especially pp. 3-5. Also, see United States Bureau of the Census, *Country Demographic Profiles: Chile,* by Sylvia D. Quick (Washington, D.C., 1978), p. 1.

[4]See sources listed in foot-note *3* to this annex.

[5]The tabulations are available in H. Behm and M. Correa, *La Mortalidad en los Primeros Años de Vida en Países de América: Chile 1965-66* (San José, CELADE, 1977), p. 48, table 1A.

[6]As a by-product of Puffer and Serrano's study of mortality in childhood, it was possible to determine the underregistration of births and childhood deaths within the survey areas. In the case of Chile, the study area of the survey was the metropolitan area of Santiago and the four *comunas* of Colina, Lampa, Quilcura and Til-Til. For more information, see R. R. Puffer and C. V. Serrano, *Patterns of Mortality in Childhood* (Washington, D.C., Pan American Health Organization, 1973), pp. 27-40.

[7]For the calculation of $q(5)$, it was necessary to know the distribution of deaths in the age interval 1-4 for 1965. As an estimate, we used the percentage distribution of deaths in age-group 1-4 for 1970, the closest year for which data are available. Small departures from the true distribution cause insignificant changes in the final results.

[8]See Pujol, op. cit., pp. 33-35, tables 5-7; and Tacla and Pujol, op. cit.

	$_1q_0$		$_4q_1$	
	Our estimates	Pujol	Our estimates	Pujol
1959-1961				
Total	0.1072-0.1199	0.1149	0.0285-0.0320	0.0322
Male	0.1142-0.1277	0.1222	0.0280-0.0314	0.0327
Female..	0.0999-0.1118	0.1072	0.0291-0.0327	0.0316

We have assumed that the completeness estimates apply to both years and sexes. Clearly, the estimates provided by Tacla and Pujol and Tacla are closer to the upper bound of the ranges. Furthermore, the agreement is closer for 1960 than for 1970. Many factors could explain the differences: sex difference in completeness, changes of completeness between 1960 and 1970, different data bases (e.g., Tacla used a two-year rather than three-year average in 1970) or unequal reliability of the estimates of $q(2)$ and $q(5)$. Nevertheless, all the estimates are relatively similar and for each three-year period we averaged the various estimates to obtain the following final figures:

	$_1q_0$			$_4q_1$		
	Total	Male	Female	Total	Male	Female
1969-1971 ..	0.0782	0.0843	0.0719	0.0135	0.0141	0.0129
1959-1961 ..	0.1140	0.1214	0.1063	0.0309	0.0307	0.0311

No indirect procedures could be used to provide independent verification for estimates calculated by Tacla and Pujol for 1951-1953. However, the closeness of our estimates with those obtained by Pujol and Tacla and Pujol for the other periods justifies adopting the Tacla and Pujol estimates for 1951-1953. These values are:

	$_1q_0$			$_4q_1$		
	Total	Male	Female	Total	Male	Female
1951-1953 ..	0.1204	0.1280	0.1124	0.0394	0.0384	0.0405

Calculation of mortality rates

For the 1951-1953 and 1969-1971 life tables, central death rates for ages 5 and over were calculated from three-year averages of deaths in 5-year age-sex groups and the corresponding census age-sex counts moved to the mid periods. Death rates under age 5 were calculated as described in the previous section. For the 1959-1961 life table, we accepted without alteration the death rates for ages 5 and over calculated by Tacla and Pujol. Under age 5, the death rates were calculated as described earlier.

Further adjustments to the life table

For the 1951-1953 and 1969-1971 life tables, the death rates were smoothed from ages 20 and over by three-term moving averages through their logarithms. No smoothing was done for the 1959-1961 life tables.

Chile Males 1951-1953

AGE	M(X)	Q(X)	I(X)	D(X)	L(X)	T(X)	E(X)	A(X)
0	.14001	.12800	100000	12800	91424	5158261	51.583	0.330
1	.00985	.03840	87200	3348	339933	5066837	58.106	1.352
5	.00220	.01094	83851	917	416964	4726905	56.372	2.500
10	.00190	.00946	82934	784	412710	4309941	51.968	2.500
15	.00320	.01588	82150	1305	407714	3897231	47.440	2.673
20	.00450	.02226	80845	1800	399913	3489517	43.163	2.603
25	.00550	.02714	79046	2145	390019	3089604	39.086	2.571
30	.00670	.03296	76901	2535	378335	2699585	35.105	2.567
35	.00810	.03972	74366	2954	364665	2321250	31.214	2.575
40	.01040	.05073	71412	3622	348316	1956585	27.399	2.586
45	.01360	.06584	67789	4463	328188	1608269	23.724	2.589
50	.01830	.08765	63326	5550	303292	1280082	20.214	2.597
55	.02600	.12235	57776	7069	271888	976789	16.907	2.596
60	.03770	.17273	50707	8759	232323	704901	13.902	2.578
65	.05520	.24299	41948	10193	184655	472578	11.266	2.539
70	.07890	.32894	31755	10446	132390	287924	9.067	2.474
75	.10720	.41933	21310	8936	83355	155534	7.299	2.404
80	.14570	.52415	12374	6486	44515	72179	5.833	2.324
85	.21285	******	5888	5888	27663	27663	4.698	4.698

Chile Females 1951-1953

AGE	M(X)	Q(X)	I(X)	D(X)	L(X)	T(X)	E(X)	A(X)
0	.12126	.11240	100000	11240	92694	5563153	55.632	0.350
1	.01040	.04049	88760	3594	345556	5470459	61.632	1.361
5	.00191	.00950	85166	809	423807	5124903	60.175	2.500
10	.00175	.00871	84357	735	419946	4701096	55.729	2.500
15	.00296	.01470	83622	1229	415248	4281150	51.197	2.672
20	.00412	.02040	82393	1681	407909	3865902	46.920	2.588
25	.00470	.02323	80712	1875	398960	3457993	42.844	2.547
30	.00540	.02665	78837	2101	389037	3059033	38.802	2.550
35	.00630	.03102	76736	2381	377868	2669996	34.794	2.558
40	.00760	.03731	74356	2774	365042	2292128	30.827	2.572
45	.00960	.04691	71581	3358	349814	1927086	26.922	2.590
50	.01290	.06257	68223	4269	330898	1577273	23.119	2.606
55	.01820	.08721	63954	5577	306441	1246375	19.488	2.610
60	.02620	.12328	58377	7197	274679	939934	16.101	2.609
65	.03990	.18202	51181	9316	233482	665255	12.998	2.593
70	.06110	.26556	41865	11117	181955	431772	10.314	2.538
75	.08830	.36087	30747	11096	125658	249818	8.125	2.469
80	.12760	.47850	19652	9403	73693	124159	6.318	2.388
85	.20307	******	10248	10248	50466	50466	4.924	4.924

Chile Males 1959–1961

AGE	M(X)	Q(X)	I(X)	D(X)	L(X)	T(X)	E(X)	A(X)
0	.13215	.12140	100000	12140	91866	5474685	54.747	0.330
1	.00783	.03070	87860	2697	344298	5382819	61.266	1.352
5	.00173	.00861	85163	733	423980	5038521	59.163	2.500
10	.00122	.00608	84429	513	420864	4614541	54.656	2.500
15	.00204	.01015	83916	852	417632	4193677	49.975	2.712
20	.00345	.01711	83064	1421	411976	3776045	45.459	2.646
25	.00425	.02104	81643	1718	404065	3364069	41.205	2.584
30	.00538	.02656	79925	2123	394513	2960004	37.035	2.591
35	.00695	.03418	77803	2659	382620	2565491	32.974	2.596
40	.00915	.04477	75143	3364	367625	2182870	29.049	2.595
45	.01200	.05833	71779	4187	348822	1815246	25.289	2.594
50	.01620	.07797	67592	5270	325297	1466424	21.695	2.597
55	.02250	.10671	62322	6650	295636	1141126	18.310	2.598
60	.03248	.15059	55672	8384	258118	845490	15.187	2.586
65	.04697	.21060	47288	9959	212039	587372	12.421	2.550
70	.06596	.28319	37329	10571	160271	375334	10.055	2.505
75	.09305	.37586	26758	10057	108085	215063	8.037	2.444
80	.12792	.47865	16701	7994	62492	106978	6.406	2.371
85	.19572	******	8707	8707	44486	44486	5.109	5.109

Chile Females 1959–1961

AGE	M(X)	Q(X)	I(X)	D(X)	L(X)	T(X)	E(X)	A(X)
0	.11419	.10630	100000	10630	93091	6014198	60.142	0.350
1	.00794	.03110	89370	2779	350145	5921107	66.254	1.361
5	.00138	.00688	86591	596	431464	5570962	64.337	2.500
10	.00100	.00499	85995	429	428901	5139499	59.765	2.500
15	.00159	.00792	85566	678	426259	4710597	55.052	2.683
20	.00245	.01218	84888	1034	421987	4284339	50.470	2.627
25	.00300	.01489	83854	1249	416250	3862352	46.060	2.581
30	.00372	.01844	82606	1523	409350	3446102	41.718	2.586
35	.00470	.02324	81082	1884	400853	3036751	37.453	2.581
40	.00575	.02836	79198	2246	390569	2635898	33.282	2.587
45	.00755	.03708	76952	2853	377910	2245329	29.178	2.600
50	.01000	.04884	74099	3619	361886	1867419	25.202	2.622
55	.01497	.07231	70480	5096	340358	1505533	21.361	2.638
60	.02248	.10672	65383	6978	310336	1165175	17.821	2.624
65	.03397	.15703	58405	9171	269994	854840	14.636	2.598
70	.05046	.22455	49234	11056	219099	584845	11.879	2.551
75	.07199	.30492	38179	11641	161702	365746	9.580	2.492
80	.09998	.39785	26537	10558	105596	204044	7.689	2.434
85	.16231	******	15979	15979	98448	98448	6.161	6.161

Chile Males 1969–1971

AGE	M(X)	Q(X)	I(X)	D(X)	L(X)	T(X)	E(X)	A(X)
0	.08971	.08430	100000	8430	93971	5886564	58.866	0.285
1	.00356	.01411	91570	1292	362919	5792593	63.259	1.399
5	.00100	.00499	90278	450	450264	5429674	60.144	2.500
10	.00090	.00449	89828	403	448130	4979411	55.433	2.500
15	.00170	.00847	89424	757	445393	4531281	50.672	2.717
20	.00260	.01292	88667	1146	440637	4085888	46.081	2.645
25	.00350	.01736	87521	1519	433986	3645250	41.650	2.616
30	.00470	.02324	86002	1999	425228	3211264	37.339	2.606
35	.00610	.03006	84004	2525	413974	2786037	33.166	2.606
40	.00830	.04069	81479	3316	399479	2372063	29.113	2.613
45	.01140	.05549	78163	4337	380445	1972584	25.237	2.609
50	.01570	.07566	73826	5585	355764	1592139	21.566	2.607
55	.02230	.10584	68240	7222	323873	1236375	18.118	2.601
60	.03180	.14767	61018	9010	283343	912502	14.955	2.586
65	.04640	.20843	52008	10840	233624	629159	12.097	2.563
70	.06850	.29266	41168	12048	175885	395536	9.608	2.514
75	.09840	.39319	29119	11449	116356	219650	7.543	2.446
80	.14140	.51463	17670	9094	64311	103295	5.846	2.356
85	.22000	******	8577	8577	38984	38984	4.545	4.545

Chile Females 1969–1971

AGE	M(X)	Q(X)	I(X)	D(X)	L(X)	T(X)	E(X)	A(X)
0	.07591	.07190	100000	7190	94720	6492472	64.925	0.266
1	.00325	.01289	92810	1196	368137	6397751	68.934	1.407
5	.00080	.00399	91613	366	457152	6029614	65.816	2.500
10	.00060	.00300	91248	273	455555	5572462	61.070	2.500
15	.00100	.00499	90974	454	453816	5116907	56.246	2.674
20	.00140	.00698	90520	632	451106	4663091	51.514	2.631
25	.00190	.00946	89889	850	447419	4211985	46.858	2.617
30	.00250	.01243	89039	1106	442550	3764567	42.280	2.610
35	.00330	.01637	87932	1440	436236	3322017	37.779	2.620
40	.00460	.02275	86493	1968	427797	2885781	33.364	2.628
45	.00640	.03152	84525	2664	416301	2457983	29.080	2.626
50	.00900	.04406	81861	3607	400774	2041682	24.941	2.635
55	.01340	.06495	78254	5082	379287	1640908	20.969	2.643
60	.02040	.09735	73171	7123	349183	1261621	17.242	2.659
65	.03530	.16280	66048	10752	304603	912439	13.815	2.616
70	.05060	.22522	55295	12453	246114	607836	10.993	2.562
75	.07880	.32960	42842	14121	179196	361721	8.443	2.520
80	.12270	.46637	28721	13395	109168	182525	6.355	2.429
85	.20893	******	15327	15327	73357	73357	4.786	4.786

Life tables for Colombia were calculated for the 1963-1965 period based on the population census age-sex count of 15 July 1964 and registered vital events during the 1963-1965 period by age and sex. Registration data were adjusted for incompleteness.

Sources of data

Census and vital registration data are available from the United Nations.[9]

Evaluation and adjustment of mortality data at ages 5 and over

Registered deaths were adjusted separately for ages 5 and over and under age 5. For ages 5 and over, incompleteness of registered death rates for the 1963-1965 period has been estimated by Potter and Ordoñez based on a variant of Brass's method that allows correction for lack of stability.[10] The authors found death registration to be approximately 87 per cent complete for both males and females. Registered deaths above age 5 have thus been adjusted by these completeness estimates.

Evaluation and adjustment of mortality data at ages under 5 years

Unlike other Latin American countries, Colombia's vital registration system seems to have undercounted births more than infant deaths.[11] As a consequence, infant mortality rates calculated from unadjusted vital registration data are too high when compared with figures obtained by more accurate (indirect) procedures. Mortality data under age 5 were evaluated by comparison of the registered mortality rates with indirect estimates of early-age mortality from tabulations of the female population by age-group, number of children ever born and number of children still living. Proportions of children still alive by age of mother calculated from these tabulations can be converted into conventional life table probabilities of death by Trussell regression equations. By using another series of equations developed by Trussell, the approximate reference dates to which these estimates refer can be calculated.

We had available the requisite tabulations of children ever born and children surviving by age of woman from the 1973 census and from the 1976 Colombian World Fertility Survey (WFS).[12] From each of these sources we estimated values of $q(2)$ and $q(5)$, the probability of a child dying before ages 2 and 5, respectively. In order to obtain estimates of $q(2)$ and $q(5)$ for 1963-1965 (the reference period of the life tables) we fitted a trend line between the two $q(2)$ estimates and between the two $q(5)$ estimates and extrapolated (with appropriate consideration to the reference dates to which these figures applied) back in time to 1964. In the following table the resulting values are displayed and compared with estimates obtained independently from birth histories:[13]

Indirect estimates		Birth histories	
$q(2)$	$q(5)$	$q(2)$	$q(5)$
0.0946	0.1164	0.0966	0.1172

[9]For population by age and sex, see *Demographic Yearbook, 1970* (United Nations publication, Sales No. E/F.71.XIII.1), pp. 258-259, table 6. For registered deaths by age and sex, see *Demographic Yearbook, 1966* (United Nations publication, Sales No. 67.XIII.1), pp. 380-381, table 18. Registered births by sex are available from *Demographic Yearbook, 1965* (United Nations publication, Sales No. 66.XIII.1), p. 540, table 22; and *Demographic Yearbook, 1975* (United Nations publication, Sales No. E/F.76.XIII.1), pp. 446-447, table 20.

[10]J. E. Potter and M. Ordóñez G., "The completeness of enumeration in the 1973 census of the population of Colombia", *Population Index* (Princeton, N.J., Princeton University and Population Association of America, 1976), vol. 42, No. 3, pp. 377-403.

[11]This is at least true before 1968 at which time the registration of births via baptismal records was discontinued.

[12]See *Demographic Yearbook, 1975* (United Nations publication, Sales No. E/F.76.XIII.1), pp. 966-967 and 1040-1041, tables 51 and 52; and República de Colombia, Departamento Administrativo Nacional de Estadística, *Encuesta Nacional de Fecundidad, Colombia 1976* (Bogotá, 1977), pp. 117-118 and 134, tables 2.2.1B and 2.3.1B.

[13]Unpublished tabulations from the Colombian World Fertility Survey.

The evaluation of death registration data under age 5 was carried out under two assumptions: that death registration was equally complete between ages 1 and 2, 2 and 3, 3 and 4 and 4 and 5; and that the relation of completeness below 1 and between 1 and 4 followed a pattern observed by Puffer and Serrano for Colombia, in which completeness of death registration for age-group 0-1 is about 95 per cent of that for age-group 1-4.[14]

From the vital registration data, values of the probabilities of dying before age 1 and between ages 1 and 2 or between ages 1 and 5 (depending on whether comparisons are made on the basis of $q(2)$ or $q(5)$) were calculated by following artificial birth cohorts forward through time, reducing them by the deaths reported in those age-groups by the vital registration system.[15]

Estimates of completeness were then obtained by solving for c in the formula

$$p(2) = {}_1\overset{*}{p}_0^{(1/0.95\,c)} \cdot {}_1\overset{*}{p}_1^{1/c} \qquad (1)$$

or

$$p(5) = {}_1\overset{*}{p}_0^{(1/0.95\,c)} \cdot {}_4\overset{*}{p}_1^{1/c} \qquad (2)$$

where $p(i) = 1 - q(i)$ is the estimate of the probability of surviving up to age i estimated from the children ever born and children surviving tabulations, and ${}_1\overset{*}{p}_0$ and ${}_j\overset{*}{p}_1$ are the probabilities of surviving from birth to age 1 and from age 1 to age $1+j$, respectively, calculated from the vital registration system. Solving equation (1), based on $p(2)$, we obtain completeness estimates of 115 per cent for infant death registration and 122 per cent for registration in age-group 1-4. Solving the "$p(5)$ equation", we obtain estimates of 113 per cent completeness for infant death registration and 119 per cent for childhood death registration. These estimates are, of course, relative to completeness of birth registration.

The completeness estimates from the two equations are very close. Selecting the average of each range (114 per cent for infant death registration completeness and 120 per cent for completeness in age-group 1-4) we calculated corrected values of ${}_1q_0$ and ${}_4q_1$ for 1964-1966. These are displayed below and compared with the independently derived birth histories:

Our indirect estimates		Birth histories	
${}_1q_0$	${}_4q_1$	${}_1q_0$	${}_4q_1$
0.0749	0.0444	0.0786	0.0439

Our indirect estimates are very similar to the birth history estimates and therefore lend confidence to the reliability of the indirect approach in this case. The indirect approach, however, provided no information on the sex differential in early-age mortality. Sex differentials were available from the birth history data. In order to avoid the assumption of equal completeness by sex, we decided to keep the sex differential derived from birth histories but maintain the level obtained from the indirect approach. The following are the final estimates used in the life tables:

	Males	Females
${}_1q_0$	0.0766	0.0722
${}_4q_1$	0.0386	0.0503

[14]As a by-product of Puffer and Serrano's study of mortality in childhood, it was possible to determine the underregistration of births and childhood deaths within the survey areas. In the case of Colombia, the study area of the survey was the urban sectors of the cities Cali, Cartagena and Medellín. For more information, see R. R. Puffer and C. V. Serrano, *Patterns of Mortality in Childhood* (Washington, D.C., Pan American Health Organization, 1973), pp. 27-40.

[15]For the calculation of $q(2)$ and $q(5)$ from the vital registration data, it was necessary to know the age distribution of deaths in the age-group 1-4. As an estimate, we used the percentage distribution of deaths in age-group 1-4 observed in the Puffer and Serrano study. Small departures from the true distribution cause insignificant changes in the final results.

For ages 5 and over, central death rates were calculated from three-year averages of the adjusted deaths in five-year age-sex groups and the corresponding census age-sex count moved to mid period. Death rates under age 5 were calculated as described in the notes on Chile.

The central death rates in the life tables did not form a completely smooth progression from age to age. Therefore, from ages 25 on, for both males and females, the rates were smoothed by three-term moving averages through their logarithms.

Colombia Males 1963–1965

AGE	M(X)	Q(X)	I(X)	D(X)	L(X)	T(X)	E(X)	A(X)
0	.08120	.07661	100000	7661	94352	5767629	57.676	0.263
1	.00990	.03861	92339	3566	360163	5673277	61.440	1.422
5	.00270	.01341	88773	1190	440889	5313114	59.851	2.500
10	.00160	.00797	87583	698	436168	4872225	55.630	2.500
15	.00250	.01243	86885	1080	431925	4436056	51.057	2.686
20	.00400	.01981	85805	1700	424969	4004132	46.666	2.614
25	.00450	.02225	84105	1872	415908	3579162	42.556	2.533
30	.00490	.02421	82233	1991	406261	3163255	38.467	2.535
35	.00560	.02762	80243	2217	395811	2756993	34.358	2.563
40	.00700	.03442	78026	2686	383668	2361182	30.261	2.593
45	.00940	.04597	75341	3463	368445	1977514	26.248	2.616
50	.01340	.06494	71877	4668	348326	1609069	22.386	2.630
55	.02010	.09593	67210	6447	320756	1260743	18.758	2.628
60	.03030	.14125	60762	8583	283262	939987	15.470	2.606
65	.04520	.20361	52180	10625	235056	656725	12.586	2.568
70	.06590	.28303	41555	11761	178474	421669	10.147	2.509
75	.09110	.36949	29794	11009	120840	243195	8.163	2.445
80	.12580	.47275	18785	8881	70593	122355	6.513	2.373
85	.19135	******	9905	9905	51762	51762	5.226	5.226

Colombia Females 1963–1965

AGE	M(X)	Q(X)	I(X)	D(X)	L(X)	T(X)	E(X)	A(X)
0	.07620	.07217	100000	7217	94707	5966698	59.667	0.266
1	.01300	.05030	92783	4667	359029	5871991	63.287	1.407
5	.00240	.01193	88116	1051	437952	5512962	62.565	2.500
10	.00110	.00548	87065	478	434131	5075010	58.290	2.500
15	.00170	.00847	86587	733	431214	4640879	53.598	2.650
20	.00230	.01144	85854	982	426935	4209665	49.033	2.620
25	.00310	.01539	84872	1306	421239	3782730	44.570	2.609
30	.00400	.01981	83566	1655	413852	3361491	40.225	2.595
35	.00510	.02519	81911	2063	404584	2947639	35.986	2.591
40	.00650	.03200	79848	2555	393076	2543055	31.849	2.588
45	.00830	.04069	77293	3145	378920	2149980	27.816	2.602
50	.01150	.05597	74148	4150	360878	1771059	23.886	2.624
55	.01690	.08124	69998	5687	336486	1410181	20.146	2.626
60	.02490	.11752	64311	7558	303515	1073694	16.695	2.613
65	.03730	.17111	56753	9711	260349	770179	13.571	2.589
70	.05530	.24350	47042	11455	207136	509830	10.838	2.549
75	.08200	.34001	35588	12100	147562	302694	8.506	2.490
80	.11940	.45605	23488	10712	89713	155132	6.605	2.412
85	.19529	******	12776	12776	65420	65420	5.120	5.120

Life tables for Costa Rica were calculated for the periods 1962-1964 and 1972-1974 based on population census age-sex counts of 1 April 1963 and 14 May 1973 and registered vital events by age and sex for the indicated three-year periods. Death registration data were adjusted for incompleteness.

Sources of data

Census and vital registration data are available from the United Nations.[16]

Evaluation and adjustment of mortality data for ages under 1

Two independent sources of information are available for evaluating the quality of infant death registration in Costa Rica. A matching survey in which death registration certificates were compared with hospital records undertaken in 1964 estimated infant death registration to be 83 per cent complete for the 1962-1964 period.[17]

A second source of information is the set of probabilities of dying derived from pregnancy histories collected in the 1976 Costa Rican National Fertility Survey.[18] These values are displayed in the following table and compared with the probabilities of dying derived from the vital registration system. The last two columns in this table show the values of completeness implied by these rates:

Year	Pregnancy history $_1q_0$	Vital registration $_1q_0$	Completeness in age-group 0-1
1963	0.0782	0.0714	0.89
1967	0.0746	0.0620	0.82
1970	0.0704	0.0614	0.87
1973	0.0514	0.0454	0.89

The values of completeness for age-group 0-1 appear in reasonable agreement with the Matching Survey.

For 1963 we therefore accepted the results provided by the Matching Survey and infant death completeness was set equal to 0.83. Given that data for pregnancy histories are usually more reliable the closer the date of reference to the date of the survey, we accepted as valid the resulting estimate of infant mortality for the year 1973 (0.0514). This implies

that for 1973, infant death registration completeness relative to birth registration completeness is approximately 0.89.[19]

No estimates of completeness were available for males and females separately. As a result we assumed infant death registration to be equally complete for both males and females and adjusted the male and female registered infant mortality rates by the same correction factor.

Evaluation and adjustment of mortality data at ages 1 and over

The 1963 Matching Survey, along with a second Matching Survey conducted in 1966, produced estimates of completeness of the death registration system of 86 per cent at ages 1 and over in 1963 and 88 per cent at all ages in 1966.[20] The 1963 estimate of completeness for ages 1 and over has been accepted for calculation of the 1962-1964 life tables and both male and female registered deaths for ages 1 and over were adjusted by these completeness estimates. For the 1972-1974 life table, no matching surveys were available to indicate completeness of death registration for ages 1 and over. The Preston and Brass methods were applied, however, and provided estimates of completeness which were not only similar but also internally consistent. Completeness estimates based on these methods implied registration for ages 1 and over to be approximately 96 per cent complete for both males and females and were accepted for adjustment of registered deaths for calculation of the 1972-1974 life tables.[21]

Calculation of mortality rates

For ages 5 and over central death rates were calculated from three-year averages of the adjusted deaths in five-year age-sex groups and the corresponding age-sex count moved to mid period. Death rates under age 5 were calculated as described in the notes on Chile.

Further adjustments to the life table

The central death rates in the life tables did not form a completely smooth progression from age to age. Therefore, from ages 20 on, for both males and females, the rates were smoothed by three-term moving averages through their logarithms.

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[16]For populations by age and sex, see Demographic Yearbook, 1970 (United Nations publication, Sales No. E/F.71.XIII.1), pp. 222-223, table 6; and Demographic Yearbook, 1977 (United Nations publication, Sales No. E/F.78.XIII.1), pp. 198-199, table 7. For registered deaths by age and sex, see Demographic Yearbook, 1966 (United Nations publication, Sales No. 67.XIII.1), pp. 370-371, table 18; Demographic Yearbook, 1974 (United Nations publication, Sales No. E/F.75.XIII.1), pp. 552-553, table 25; and Demographic Yearbook, 1975 (United Nations publication, Sales No. E/F.76.XIII.1), pp. 326-327, table 13. For registered births by sex, see Demographic Yearbook, 1975, pp. 442-443, table 20.

[17]See República de Costa Rica, Dirección General de Estadística y Censos, Evaluación del Censo de 1973 y Proyecciones de Población por Sexo y Grupos de Edades, Años 1950 al 2000 (San José, 1976), pp. 8-10.

[18]See V. Rodríguez and A. Ortega, "Costa Rica: estimates of fertility and mortality", working paper for the National Academy of Sciences Panel Workshop (Santiago, 1979) (unpublished mimeo.).

[19]Mortality data under age 1 could also be evaluated by comparison of the registered mortality rates with indirect estimates of early-age mortality from tabulations of the female population by age-group, number of children ever born and number of children still living. Available were the requisite tabulations of children ever born and children surviving by age of woman from both the 1973 census and the 1976 Fertility Survey. However, completeness estimates based on these tabulations proved to be inconsistent both internally and between the two sets of tabulations. See Costa Rica, Dirección General de Estadística y Censos, Encuesta Nacional de Fecundidad (San José, 1978), pp. 174 and 191, tables 2.2.1A and 2.3.1A; and Demographic Yearbook, 1975 (United Nations publication, Sales No. E/F.76.XIII.1), pp. 960-961 and 1038-1039, tables 51 and 52.

[20]See República de Costa Rica, Dirección General de Estadística y Censos, Evaluación del Censo de 1973 y Proyecciones de Población por Sexo y Grupos de Edades, Años 1950 al 2000.

[21]The estimates of completeness derived here for both infant deaths and deaths for ages 1 and over are consistent with those of other researchers. See, for example, United States Bureau of the Census, Country Demographic Profiles: Costa Rica, by Sylvia D. Quick (Washington, D.C., 1977), pp. 5-6, tables 3 and 4.

Costa Rica Males 1962–1964

AGE	M(X)	Q(X)	I(X)	D(X)	L(X)	T(X)	E(X)	A(X)
0	.10127	.09470	100000	9470	93511	6091354	60.914	0.315
1	.00750	.02942	90530	2663	355110	5997843	66.252	1.368
5	.00180	.00896	87867	787	437366	5642733	64.219	2.500
10	.00100	.00499	87080	434	434312	5205367	59.777	2.500
15	.00150	.00747	86645	648	431712	4771055	55.064	2.661
20	.00220	.01094	85998	941	427732	4339343	50.459	2.602
25	.00250	.01242	85057	1057	422689	3911612	45.988	2.545
30	.00280	.01391	84000	1168	417168	3488922	41.535	2.576
35	.00370	.01834	82832	1519	410534	3071754	37.084	2.613
40	.00500	.02471	81313	2009	401776	2661220	32.728	2.616
45	.00680	.03346	79304	2654	390221	2259444	28.491	2.626
50	.00980	.04789	76651	3671	374600	1869223	24.386	2.643
55	.01490	.07198	72979	5253	352540	1494624	20.480	2.648
60	.02310	.10954	67727	7419	321148	1142083	16.863	2.643
65	.03730	.17123	60308	10327	276857	820935	13.612	2.610
70	.05680	.24924	49981	12457	219315	544078	10.886	2.544
75	.08140	.33773	37524	12673	155690	324763	8.655	2.480
80	.11670	.44794	24851	11132	95389	169073	6.803	2.407
85	.18619	******	13719	13719	73684	73684	5.371	5.371

Costa Rica Females 1962–1964

AGE	M(X)	Q(X)	I(X)	D(X)	L(X)	T(X)	E(X)	A(X)
0	.08217	.07760	100000	7760	94435	6365156	63.652	0.283
1	.00788	.03089	92240	2849	361547	6270721	67.982	1.398
5	.00150	.00747	89391	668	445287	5909174	66.105	2.500
10	.00170	.00846	88723	751	441740	5463887	61.583	2.500
15	.00100	.00499	87972	439	438747	5022148	57.088	2.457
20	.00140	.00698	87534	611	436221	4583401	52.362	2.631
25	.00190	.00946	86923	822	432649	4147179	47.711	2.608
30	.00240	.01193	86101	1027	428043	3714531	43.142	2.604
35	.00320	.01588	85074	1351	422146	3286488	38.631	2.615
40	.00430	.02128	83723	1782	414370	2864342	34.212	2.619
45	.00590	.02909	81941	2384	404031	2449971	29.899	2.620
50	.00810	.03974	79557	3161	390307	2045941	25.717	2.634
55	.01220	.05931	76396	4531	371371	1655633	21.672	2.659
60	.01960	.09369	71865	6733	343525	1284263	17.870	2.653
65	.03100	.14437	65132	9403	303320	940737	14.444	2.624
70	.04850	.21703	55729	12095	249378	637418	11.438	2.580
75	.07400	.31266	43634	13643	184362	388040	8.893	2.522
80	.11290	.43796	29991	13135	116342	203678	6.791	2.441
85	.19301	******	16856	16856	87336	87336	5.181	5.181

Costa Rica Males 1972-1974

AGE	M(X)	Q(X)	I(X)	D(X)	L(X)	T(X)	E(X)	A(X)
0	.05894	.05630	100000	5630	95521	6745889	67.459	0.204
1	.00302	.01199	94370	1131	374633	6650368	70.471	.1.483
5	.00080	.00399	93239	372	465263	6275736	67.308	2.500
10	.00060	.00300	92866	278	463637	5810473	62.568	2.500
15	.00120	.00598	92588	554	461682	5346836	57.749	2.726
20	.00180	.00896	92034	825	458210	4885155	53.080	2.623
25	.00220	.01094	91209	998	453616	4426945	48.536	2.564
30	.00250	.01242	90211	1121	448314	3973329	44.045	2.552
35	.00290	.01440	89091	1283	442351	3525015	39.567	2.581
40	.00380	.01883	87808	1653	435113	3082664	35.107	2.625
45	.00550	.02715	86154	2339	425267	2647551	30.730	2.646
50	.00810	.03974	83815	3331	411235	2222284	26.514	2.646
55	.01200	.05835	80484	4696	391346	1811049	22.502	2.641
60	.01800	.08633	75788	6543	363475	1419703	18.732	2.636
65	.02760	.12950	69246	8968	324912	1056228	15.253	2.623
70	.04280	.19402	60278	11695	273249	731315	12.132	2.594
75	.06640	.28546	48583	13869	208863	458066	9.428	2.545
80	.10300	.40848	34715	14180	137674	249203	7.179	2.468
85	.18412	******	20534	20534	111529	111529	5.431	5.431

Costa Rica Females 1972-1974

AGE	M(X)	Q(X)	I(X)	D(X)	L(X)	T(X)	E(X)	A(X)
0	.04693	.04520	100000	4520	96319	7121896	71.219	0.186
1	.00307	.01218	95480	1163	378953	7025578	73.582	1.450
5	.00070	.00349	94316	330	470758	6646625	70.472	2.500
10	.00040	.00200	93987	188	469465	6175867	65.710	2.500
15	.00070	.00349	93799	328	468231	5706402	60.836	2.667
20	.00090	.00449	93471	420	466338	5238171	56.040	2.572
25	.00100	.00499	93052	464	464139	4771834	51.282	2.590
30	.00140	.00698	92587	646	461414	4307694	46.526	2.641
35	.00200	.00995	91941	915	457541	3846280	41.834	2.633
40	.00270	.01341	91026	1221	452236	3388739	37.228	2.628
45	.00380	.01883	89805	1691	445036	2936504	32.699	2.640
50	.00550	.02715	88114	2392	434952	2491467	28.275	2.651
55	.00830	.04071	85722	3490	420467	2056515	23.991	2.667
60	.01330	.06451	82232	5305	398863	1636048	19.895	2.682
65	.02270	.10781	76927	8293	365338	1237185	16.083	2.673
70	.03830	.17554	68634	12048	314562	871846	12.703	2.625
75	.06080	.26481	56586	14985	246457	557284	9.848	2.566
80	.09650	.38846	41602	16161	167469	310827	7.471	2.491
85	.17746	******	25441	25441	143358	143358	5.635	5.635

Life tables for El Salvador were calculated for the period 1970-1972 based on the population census age-sex count of 28 June 1971 and registered vital events during the 1970-1972 period by age and sex. Registration data were adjusted for incompleteness.

Sources of data

Census and vital registration data are available from the United Nations.[22]

Evaluation and adjustment of data

Since completeness of death registration is estimated relative to the census count, population census data were not adjusted for ages 1 and over. Infant mortality rates are based solely on registration data.

Registered deaths were adjusted separately for ages 5 and over and under age 5. For ages over 5 completeness was estimated by the Preston method. The estimates of completeness (relative to the census count) from this method were 98 per cent complete for males and 96 per cent complete for females. Registered deaths above age 5 were therefore adjusted by these estimates of completeness.

Mortality data under age 5 were evaluated by comparison of the registered mortality rates with indirect estimates of early-age mortality from tabulations of the female population by age-group, number of children ever born and number of children still living. Proportions of children still alive by age of mother calculated from these tabulations can be converted into conventional life table probabilities of death by Trussell regression equations. By using another series of equations developed by Trussell, the approximate reference dates to which these estimates refer can be calculated.

We had available the requisite tabulations of children ever born and children surviving by age of woman from the 1971 census and from the 1973 National Fertility Survey.[23] From the data available to us in the National Fertility Survey, we were only able to estimate the value $q(2)$, the probability of a child dying before age 2. We therefore decided to use $q(2)$ as our index of mortality and estimated that value for 1971 by interpolating between $q(2)$ values from the census and National Fertility Survey (with appropriate consideration to the reference dates to which these figures applied).

The evaluation of death registration data under age 5 was carried out under two assumptions: that death registration was equally complete between ages 1 and 2, 2 and 3, 3 and 4 and 4 and 5; and that the relation of completeness below 1 and between 1 and 4 followed a pattern observed by Puffer and Serrano for El Salvador, in which completeness

of death registration for age-group 0-1 is about 93 per cent of that for age-group 1-4.[24]

From the civil registration data, values of the probabilities of dying before age 1 and between ages 1 and 2 were calculated by following artificial birth cohorts forward through time, reducing them by the deaths reported in those age-groups by the civil registration system.[25]

Estimates of completeness were then obtained by solving for c in the formula:

$$p(2) = {}_1\overset{*}{p}_0^{(1/0.93\,c)} \cdot {}_1\overset{*}{p}_1^{1/c}$$

where $p(2) = 1 - q(2)$ is the estimate of the probability of surviving up to age 2 estimated from the children ever born and children surviving tabulations, and ${}_1\overset{*}{p}_0$ and ${}_1\overset{*}{p}_1$ are the probabilities of surviving from birth to age 1 and from age 1 to age 2, respectively, calculated from the civil registration system. The estimated completeness obtained from this formula is 0.50 for age-group 0-1 and 0.54 for age-group 1-4. These factors were utilized to inflate the reported number of deaths in the intervals 0-1 and 1-4. Completeness of death registration in these age-groups was assumed to be the same for both males and females. The final estimate for ${}_1q_0$ was calculated directly from adjusted births whereas the final estimate of ${}_4q_1$ was calculated from the adjusted mortality rate ${}_4M_1$ obtained from deaths (adjusted for completeness) and population 1-4 as reported in the census.[26]

Calculation of mortality rates

For ages 5 and over, central death rates were calculated from three-year averages of the adjusted deaths in five-year age-sex groups and the corresponding census age-sex count moved to mid period. Death rates under age 5 were calculated as described in the notes on Chile.

Further adjustments to the life table

The central death rates in the life tables did not form a completely smooth progression from age to age. Therefore, from ages 25 on, for both males and females, the rates were smoothed by three-term moving averages through their logarithms.

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[22]For population by age and sex, see *Demographic Yearbook, 1974* (United Nations publication, Sales No. E/F.75.XIII.1), pp. 166-167, table 7. For registered deaths by age and sex, see *ibid.*, pp. 554-555, table 25. Registered births by sex are available from *Demographic Yearbook, 1975* (United Nations publication, Sales No. E/F.76. XIII.1), pp. 442-443, table 20.

[23]See *Demographic Yearbook, 1975* (United Nations publication, Sales No. E/F.76.XIII.1), pp. 960-961 and 1038-1039, tables 51 and 52; and H. Behm and D. Primante, "Mortalidad en los primeros años de vida en la América Latina", *Notas de Población,* Centro Latinoamericano de Demografía, Año VI, No. 16 (1978), p. 28, table 1.

[24]As a by-product of Puffer and Serrano's study of mortality in childhood, it was possible to determine the underregistration of births and childhood deaths within the survey areas. In the case of El Salvador, the study area of the survey was the urban *municipio* of San Salvador and the three rural *municipios* of Apopa, Nejapa and Quezaltepeque. For more information, see R. R. Puffer and C. V. Serrano, *Patterns of Mortality in Childhood* (Washington, D.C., Pan American Health Organization, 1973), pp. 27-40.

[25]Specifically, the registered mortality rates were calculated by matching births and deaths for the cohorts with birth dates centred in 1970 and 1971. In both cases the data for births correspond to three-year moving averages with a 7 per cent adjustment for underregistration as estimated by the United States Bureau of the Census (see United States Bureau of the Census, *World Population, 1977: Recent Demographic Estimates for the Countries and Regions of the World* (Washington, D.C., 1978), p. 264.

[26]A different procedure to calculate ${}_4q_1$ could also have been followed. The population 1-4 in June 1971 could have been reconstructed from the adjusted series of births and from adjusted deaths by single years of ages. Matching this reconstructed population 1-4 with the deaths during 1970-1972 in the interval 1-4 (adjusted for completeness) would result in an estimate of ${}_4q_1$ which differed by about 5 per cent from the one obtained by using the enumerated population 1-4.

El Salvador Males 1970–1972

AGE	M(X)	Q(X)	I(X)	D(X)	L(X)	T(X)	E(X)	A(X)
0	.12370	.11423	100000	11423	92346	5493500	54.935	0.330
1	.02040	.07742	88577	6857	336149	5401154	60.977	1.352
5	.00250	.01242	81719	1015	406059	5065005	61.981	2.500
10	.00120	.00598	80704	483	402314	4658946	57.729	2.500
15	.00190	.00946	80221	759	399389	4256633	53.061	2.736
20	.00380	.01883	79463	1497	393821	3857243	48.542	2.667
25	.00440	.02176	77966	1697	385655	3463422	44.422	2.540
30	.00480	.02372	76269	1809	376902	3077767	40.354	2.544
35	.00570	.02811	74460	2093	367213	2700865	36.273	2.570
40	.00710	.03490	72367	2526	355735	2333651	32.247	2.585
45	.00920	.04500	69841	3143	341648	1977917	28.320	2.595
50	.01230	.05974	66698	3985	323951	1636269	24.532	2.606
55	.01730	.08307	62713	5209	301117	1312318	20.926	2.610
60	.02480	.11703	57504	6730	271364	1011201	17.585	2.599
65	.03570	.16427	50774	8341	233629	739837	14.571	2.573
70	.05030	.22380	42434	9497	188798	506209	11.929	2.539
75	.07120	.30207	32937	9949	139740	317411	9.637	2.493
80	.09900	.39475	22988	9074	91661	177671	7.729	2.435
85	.16176	******	13913	13913	86010	86010	6.182	6.182

El Salvador Females 1970–1972

AGE	M(X)	Q(X)	I(X)	D(X)	L(X)	T(X)	E(X)	A(X)
0	.10260	.09608	100000	9608	93642	6010384	60.104	0.338
1	.01940	.07383	90392	6674	344002	5916742	65.456	1.368
5	.00260	.01292	83719	1081	415890	5572740	66.565	2.500
10	.00097	.00484	82637	400	412187	5156850	62.403	2.500
15	.00130	.00648	82238	533	409910	4744662	57.695	2.602
20	.00160	.00797	81705	651	406952	4334753	53.054	2.586
25	.00200	.00995	81054	807	403336	3927801	48.459	2.605
30	.00270	.01341	80247	1076	398675	3524465	43.920	2.623
35	.00370	.01834	79170	1452	392392	3125790	39.482	2.616
40	.00490	.02422	77719	1882	384096	2733398	35.170	2.610
45	.00660	.03249	75837	2464	373301	2349303	30.979	2.613
50	.00900	.04405	73373	3232	359158	1976001	26.931	2.616
55	.01260	.06117	70140	4291	340516	1616844	23.052	2.626
60	.01870	.08953	65850	5896	315287	1276327	19.382	2.632
65	.02860	.13385	59954	8025	280579	961041	16.030	2.608
70	.04190	.19012	51929	9873	235627	680462	13.104	2.567
75	.06000	.26122	42057	10986	183101	444834	10.577	2.526
80	.08640	.35453	31071	11015	127492	261733	8.424	2.471
85	.14940	******	20055	20055	134241	134241	6.694	6.694

Life tables for Guatemala were calculated for the period 1963-1965 based on the population census age-sex count of 18 April 1964 and registered vital events during the 1963-1965 period by age and sex. Registration data were adjusted for incompleteness.

Sources of data

Census and vital registration data are available from the United Nations.[27]

Evaluation and adjustment of the data

Since completeness of death registration is estimated relative to the census count, population census data were not adjusted for ages 5 and over. Mortality rates under age 5 are based solely on registration data.

Registered deaths were adjusted separately for ages 5 and over and under age 5. For ages over 5, completeness was estimated by the Preston method. The estimates of completeness (relative to the census count) from this method were 92 per cent complete for both males and females.[28] Registered deaths above age 5 were therefore adjusted by these estimates of completeness.

Mortality data for under age 5 were evaluated by comparison of the registered mortality rates with indirect estimates of early-age mortality from tabulations of the female population by age-group, number of children ever born and number of children still living. Proportions of children still alive by age of mother calculated from these tabulations can be converted into conventional life table probabilities of death by Trussell regression equations. By using another series of equations developed by Trussell, the approximate reference date to which these estimates refer can be calculated.

We had available the requisite tabulations of children ever born and children surviving by age of woman from the 1973 census.[29] The values of $q(2)$, the probabilities of dying before attaining the second birthday, estimated from these tabulations was compared with an estimate of the same probability obtained from registration data on births and deaths. This comparison was made for the year 1971. Using procedures similar to those outlined for Mexico, from this comparison we obtained, for 1971, ranges of death completeness in age-group 0-1 relative to birth completeness, and death completeness in age-group 1-4 relative to completeness of the population at risk in the age interval.[30]

The results of the calculations produced the following ranges of completeness (relative to birth):

Age-group	Range of completeness
0-1	0.83-0.86
1-4	0.92-0.96

Since these ranges are quite narrow and no independent information exists justifying the selection of any one figure within the ranges, it was decided to use the mid point of the range for C_{0-1} which automatically determined the value for C_{1-4}. The resulting values of relative completeness were assumed to be valid within the period 1960-1974 for both sexes. Applying them to the observed values of the probabilities of dying before 1 year of life and between the first and fifth birthdays produced the following estimates for 1964:

	$_1q_0$	$_4q_1$
Males	0.1166	0.0984
Females	0.1017	0.1057
Total	0.1093	0.1020

Calculation of mortality rates

For ages 5 and over, central death rates were calculated from three-year averages of the adjusted deaths in five-year age-sex groups and the corresponding census age-sex count moved to mid period. Death rates under age 5 were calculated as described in the notes on Chile.

Further adjustments to the life table

The central death rates in the life tables did not form a completely smooth progression from age to age. Therefore, from ages 20 on, for both males and females, the rates were smoothed by three-term moving averages through their logarithms.

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[27]For population by age and sex, see *Demographic Yearbook, 1971* (United Nations publication, Sales No. E/F.72.XIII.1), p. 194, table 7. For registered deaths by age and sex, see *Demographic Yearbook, 1966* (United Nations publication, Sales No. 67.XIII.1), pp. 372-373, table 18; and *Demographic Yearbook, 1974* (United Nations publication, Sales No. E/F.75.XIII.1), pp. 556-557, table 25. Registered births by sex are available from *Demographic Yearbook, 1975* (United Nations publication, Sales No. E/F.76.XIII.1), pp. 442-443, table 20.

[28]Application of the Preston method requires knowledge of the population growth rate for some years before the date to which the completeness estimates refer. In the case of Guatemala, the intercensal growth rates between the 1950 and 1964 censuses were used, after correction of the census figures for underenumeration (8.4 per cent for males and 7.8 per cent for females in 1950; and 3.7 per cent for males and 3.4 per cent for females in 1964). For details of the estimated coverage of the censuses, see J. Chakiel, *Guatemala: Evaluación del Censo de 1973 y Proyección de la Población por Sexo y Edad 1950-2000* (San José, CELADE, 1976), pp. 16 and 21, tables 9-10.

[29]See H. Behm and E. Vargas, *La Mortalidad en los Primeros Años de Vida en Países de la América Latina: Guatemala* (San José, CELADE, 1978), pp. 50-51, tables 1A-2A.

[30]The population at risk in the age interval 1-4 was estimated from registered births and deaths during the previous five years.

Guatemala Males 1963–1965

AGE	M(X)	Q(X)	I(X)	D(X)	L(X)	T(X)	E(X)	A(X)
0	.12650	.11662	100000	11662	92186	4684522	46.845	0.330
1	.02630	.09835	88338	8688	330346	4592336	51.986	1.352
5	.00780	.03825	79650	3047	390633	4261990	53.509	2.500
10	.00380	.01882	76603	1442	379413	3871356	50.538	2.500
15	.00460	.02275	75162	1710	371655	3491944	46.459	2.571
20	.00560	.02762	73452	2029	362309	3120289	42.481	2.560
25	.00650	.03199	71423	2285	351530	2757979	38.615	2.556
30	.00780	.03827	69138	2646	339225	2406450	34.806	2.556
35	.00920	.04499	66492	2991	325156	2067225	31.090	2.558
40	.01130	.05499	63501	3492	309033	1742069	27.434	2.574
45	.01470	.07097	60009	4259	289709	1433036	23.880	2.573
50	.01860	.08899	55750	4961	266724	1143327	20.508	2.576
55	.02550	.12009	50789	6099	239186	876602	17.260	2.580
60	.03530	.16259	44690	7266	205842	637416	14.263	2.577
65	.05250	.23252	37424	8702	165750	431575	11.532	2.544
70	.07385	.31152	28722	8947	121158	265825	9.255	2.491
75	.10509	.41347	19774	8176	77799	144667	7.316	2.423
80	.14573	.52499	11598	6089	41783	66868	5.765	2.338
85	.21962	******	5509	5509	25085	25085	4.553	4.553

Guatemala Females 1963–1965

AGE	M(X)	Q(X)	I(X)	D(X)	L(X)	T(X)	E(X)	A(X)
0	.10890	.10170	100000	10170	93390	4800812	48.008	0.350
1	.02841	.10570	89830	9495	334263	4707422	52.404	1.361
5	.00820	.04018	80335	3228	393605	4373160	54.437	2.500
10	.00350	.01735	77107	1338	382191	3979555	51.611	2.500
15	.00420	.02079	75769	1575	375077	3597364	47.478	2.607
20	.00610	.03006	74194	2230	365590	3222287	43.431	2.588
25	.00680	.03344	71964	2406	353872	2856696	39.696	2.529
30	.00750	.03682	69557	2561	341463	2502824	35.982	2.531
35	.00850	.04163	66996	2789	328120	2161361	32.261	2.540
40	.00990	.04833	64207	3103	313415	1833241	28.552	2.544
45	.01160	.05641	61104	3447	297142	1519826	24.873	2.569
50	.01550	.07473	57657	4309	277985	1222685	21.206	2.609
55	.02290	.10860	53348	5794	252985	944699	17.708	2.626
60	.03560	.16394	47555	7796	218999	691714	14.546	2.592
65	.05080	.22578	39759	8977	176706	472714	11.890	2.540
70	.07153	.30322	30782	9334	130494	296008	9.616	2.491
75	.09962	.39640	21448	8502	85345	165514	7.717	2.425
80	.13490	.49693	12946	6433	47690	80169	6.192	2.351
85	.20053	******	6513	6513	32479	32479	4.987	4.987

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Life tables for Guyana were calculated for the 1959-1961 period based on the population census count of 7 April 1960 and registered vital events by age and sex for 1959, 1960 and 1961.

Sources of data

Both census and vital registration data are available from various issues of the United Nations *Demographic Yearbook*.[31]

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[31]Population by age and sex can be found in *Demographic Yearbook, 1970* (United Nations publication, Sales No. E/F.71.XIII.1), pp.

Evaluation of the data

Application of both the Brass and Preston methods showed death registration to be 100-106 per cent complete, relative to the census, for ages 5 and over. For ages under 5, the only external information

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260-263, table 6. Registered births and deaths are from *Demographic Yearbook, 1975* (United Nations publication, Sales No. E/F.76.XIII.1), pp. 330-331 and 446-447, tables 13 and 20; and *Demographic Yearbook, 1961* (United Nations publication, Sales No. 62.XIII.1), pp. 312-313, table 15.

Figure VIII. Guyana: registered infant mortality rates and indirect estimates from 1946 census
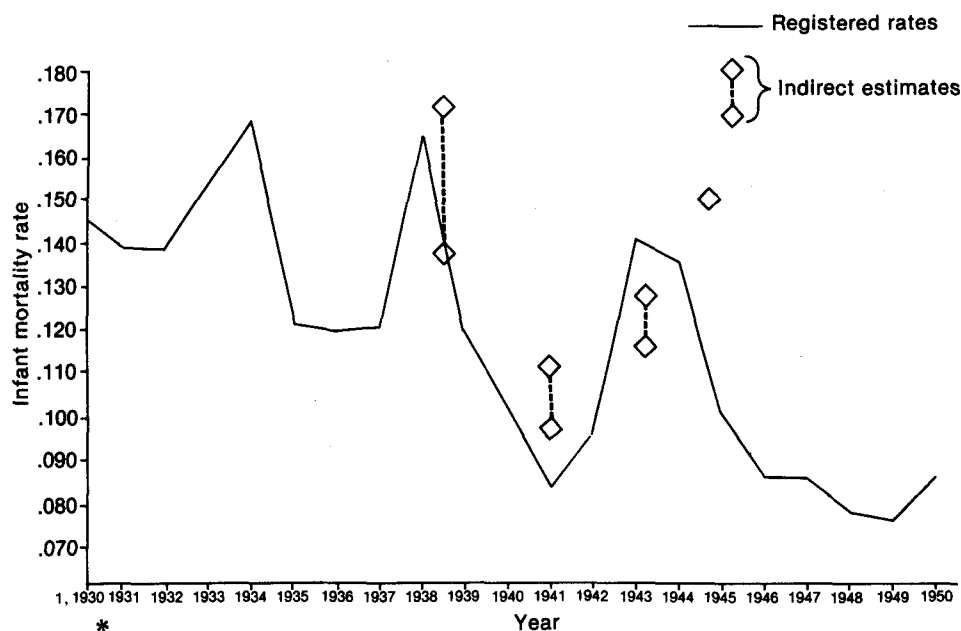
Figure IX. Guyana: registered infant mortality rates and indirect estimates from 1946 census
(indirect estimates plotted one half year prior to calculated reference date)

301
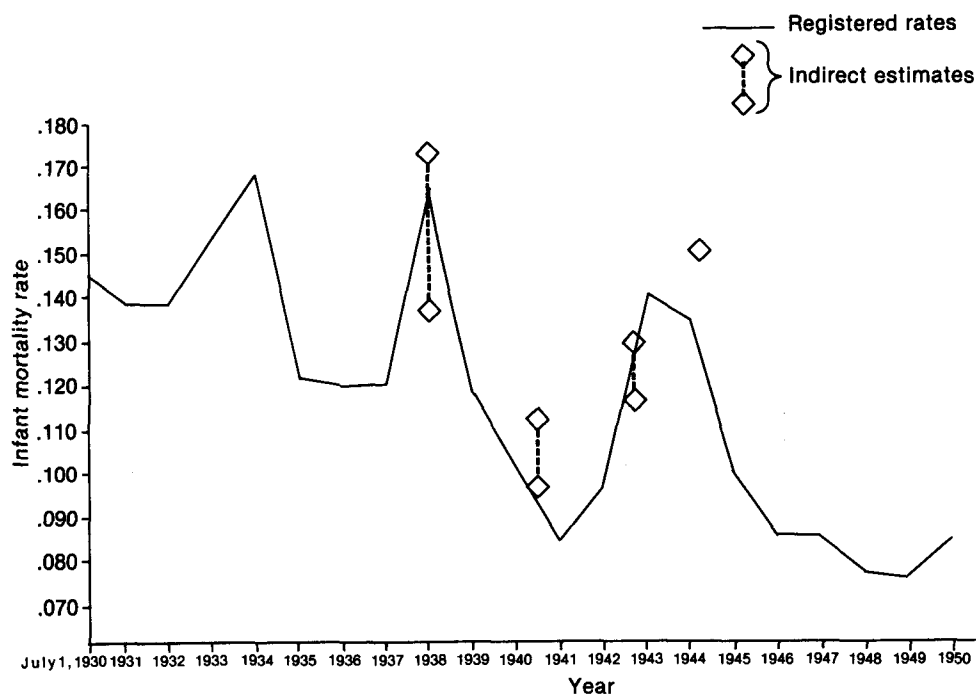
available for evaluating mortality was the questions asked in the 1946 census on children ever born and children surviving[32] allowing application of Trussell regression equations to make indirect estimates of infant and childhood mortality. By using another series of equations developed by Trussell, the approximate reference date to which these estimates refer can be calculated. These estimates refer to a period of time long before that of 1960. However, if we can show infant death registration to be already complete in the 1940s, we can probably safely assume that it was complete around 1960.

The following table and figure VIII present a comparison of the indirect estimates of infant mortality with rates calculated directly from the civil registration system:

| Reference date (year centred on) | Infant mortality rate estimated from: | |
	Indirect technique	Civil registration
March 1945	0.151	0.111
September 1943	0.117-0.129	0.140
July 1941	0.098-0.112	0.084
January 1939	0.138-0.173	0.112

Sources: Indirect estimates of infant mortality were calculated from the 1946 census tabulations of children ever born and children surviving by age of mother. Estimated rates of child mortality were matched to West, North and South region Coale-Demeny model life tables to provide a range of estimates of infant mortality. The registered rates were interpolated from the calendar year infant mortality rates presented in *Demographic Yearbook, 1966* (United Nations publication, Sales No. 67. XIII.1), pp. 288-289, table 14.

For all but 1943 the indirectly estimated infant mortality rate is higher than rates calculated from the vital registration system, implying relative incompleteness of infant death registration. However, examination of figure VIII revealed that both the level and trend of the indirect estimates were identical to registered rates but with a lag of about one half year. Figure IX presents the same figures with the indirect

[32]*Demographic Yearbook, 1955* (United Nations publication, Sales No. 56.XIII.1), pp. 584-585 and 604-605, tables 17 and 18.

estimates plotted one half year earlier. With this adjustment, there is now little difference between the two series of rates. This close matching of not only the level but also the trend (one that is quite unusual) leads to the conclusion that the registered infant mortality rates during the early 1940s are indeed accurate. And we will assume, therefore, that the registration system has not deteriorated and the data remain reliable for the years around 1960.[33]

As a result no adjustments for incompleteness need be made to the registered death rates.

Calculation of mortality rates

For ages 1 and over, central death rates were calculated from three-year averages of registered deaths in five-year age-sex groups (except for the four-year age-sex group 1-4) and the corresponding age-sex count from the census. Infant death rates were calculated from three-year averages of infant deaths and registered births.

Further adjustments to the life table

The female age-specific death rates did not progress smoothly from age to age but rather showed irregularities due apparently to random variation or unbiased age mis-statement. For ages 25-80, therefore, the rates were smoothed by three-term moving averages through their logarithms.

[33]The implication is not that there is no underregistration of infant deaths. Just as with adult deaths, we only concluded completeness relative to the census count; here we only conclude completeness relative to registered births. In fact, comparison of registered births with estimates based on cohort analyses of children ever born in the 1946, 1960 and 1970 censuses determined that births were 93 per cent registered during the 1946-1960 period and 94 per cent registered during the 1960-1970 period. Infant deaths apparently are equally underregistered.

Guyana Males 1959–1961

AGE	M(X)	Q(X)	I(X)	D(X)	L(X)	T(X)	E(X)	A(X)
0	.06409	.06103	100000	6103	95227	5953304	59.533	0.218
1	.00596	.02349	93897	2205	370006	5858076	62.388	1.469
5	.00096	.00479	91692	439	457361	5488070	59.854	2.500
10	.00091	.00454	91253	414	455227	5030710	55.129	2.500
15	.00147	.00733	90838	665	452673	4575482	50.370	2.718
20	.00263	.01307	90173	1178	448080	4122809	45.721	2.637
25	.00291	.01445	88994	1286	441797	3674729	41.292	2.530
30	.00313	.01553	87709	1362	435256	3232932	36.860	2.586
35	.00454	.02246	86346	1939	427176	2797677	32.401	2.651
40	.00675	.03322	84407	2804	415461	2370501	28.084	2.656
45	.01025	.05005	81603	4085	398498	1955040	23.958	2.670
50	.01695	.08150	77518	6318	372728	1556541	20.080	2.647
55	.02465	.11643	71200	8290	336300	1183813	16.627	2.623
60	.03920	.17918	62911	11273	287564	847514	13.472	2.606
65	.06062	.26350	51638	13606	224454	559949	10.844	2.521
70	.07933	.33025	38032	12560	158323	335495	8.821	2.465
75	.11345	.43820	25472	11162	98385	177172	6.956	2.404
80	.15569	.54903	14310	7857	50464	78787	5.506	2.316
85	.22785	******	6453	6453	28323	28323	4.389	4.389

Guyana Females 1959–1961

AGE	M(X)	Q(X)	I(X)	D(X)	L(X)	T(X)	E(X)	A(X)
0	.05554	.05320	100000	5320	95795	6364976	63.650	0.210
1	.00521	.02057	94680	1947	373729	6269181	66.215	1.437
5	.00083	.00414	92732	384	462702	5895452	63.575	2.500
10	.00063	.00315	92348	290	461016	5432750	58.829	2.500
15	.00144	.00718	92058	661	458817	4971734	54.007	2.770
20	.00234	.01164	91397	1063	454483	4512918	49.377	2.646
25	.00297	.01474	90334	1332	448455	4058435	44.927	2.587
30	.00366	.01814	89002	1614	441112	3609980	40.561	2.586
35	.00465	.02299	87387	2009	432072	3168868	36.262	2.579
40	.00559	.02758	85378	2355	421241	2736797	32.055	2.601
45	.00797	.03911	83024	3247	407440	2315555	27.890	2.636
50	.01162	.05655	79776	4512	388270	1908115	23.918	2.648
55	.01823	.08738	75265	6577	360764	1519845	20.193	2.634
60	.02657	.12491	68688	8580	322904	1159080	16.875	2.607
65	.03966	.18090	60108	10874	274172	836176	13.911	2.575
70	.05662	.24829	49235	12224	215903	562004	11.415	2.524
75	.07834	.32673	37010	12092	154356	346101	9.352	2.462
80	.10310	.40686	24918	10138	98332	191744	7.695	2.410
85	.15822	******	14780	14780	93412	93412	6.320	6.320

Life tables for Honduras were calculated for the 1960-1962 and 1973-1975 periods based on the population census age-sex counts of 17 April 1961 and 6 March 1974 and registered vital events by age and sex for the indicated three-year periods. Registration data were adjusted for incompleteness.

Sources of data

Both census and vital registration data are available from various issues of the United Nations *Demographic Yearbook* and official Honduras publications.[34]

Evaluation and adjustment of mortality data under age 5

The only external information available for evaluating mortality under age 5 was derived from the questions asked on children ever born and children surviving in the 1970-1972 National Demographic Survey (EDENH) and in the 1974 population census.[35]

Trussell regression equations were applied separately to both sets of data producing estimates of $q(2)$, $q(3)$ and $q(5)$, the probabilities of a child dying before ages 2, 3 and 5. Although the estimates obtained in EDENH were higher than those obtained in the population census, suggesting a decline in early-age mortality, neither source analysed separately supported the hypothesis of changes in mortality.[36] The difference in both sets of results may be produced by sampling errors to which EDENH was subjected and/or differential quality of responses. Because of the acknowledged quality of the data generated by EDENH, we accepted the estimates of $q(i)$ from this source and the population census results were not used.

EDENH also presents death rates by age based on the actual number of deaths which occurred within the time interval covered by the survey. These rates yield values of $q(i)$ which can be compared with those obtained from the retrospective questions on children ever born and children surviving. The following table summarizes the probabilities of dying before ages 2 and 5 as estimated from the children ever born and children surviving questions (Retro EDENH) and from the actual deaths recorded during the survey period (Prosp EDENH).

Probability of dying before age i [q(i)]
as estimated from:

Age i	Retro EDENH	Prosp EDENH
2	0.1644	0.1484
5	0.1982	0.1815

The difference between the two sets of estimates may be due to a small recent decline in mortality (which would make the Retro EDENH estimates valid for a period of time before 1971), or to differences in the quality of data, or to both. If one assumes that the completeness of death registration in EDENH is constant in the age interval 1-4, and that mortality has changed little in the recent past,[37]

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[34]Population by age and sex can be found in *Demographic Yearbook, 1970* (United Nations publication, Sales No. E/F.71.XIII.1), pp. 232-233, table 6; and *Demographic Yearbook, 1977* (United Nations publication, Sales No. E/F.78.XIII.1), pp. 198-199, table 7. Registered births and deaths are from *Demographic Yearbook, 1961* (United Nations publication, Sales No. 62.XIII.1), pp. 300-303, table 15; *Demographic Yearbook, 1966* (United Nations publication, Sales No. 67.XIII.1), pp. 372-373, table 18; *Demographic Yearbook, 1965* (United Nations publication, Sales No. 66.XIII.1), p. 538, table 22; and Statistical Office of the United Nations.

[35]See K. A. Hill, A. Packer, G. A. Maccio, J. L. Somoza, *National Demographic Survey of Honduras: Methodology, Results, Indirect Estimates* (Santiago, CELADE, 1977), p. 136, table 6; and H. Behm and D. Pumante, *La Mortalidad en los Primeros Años de Vida en Países de América Latina: Honduras* (San José, CELADE, 1978).

[36]Each estimate $q(i)$ was transformed into a mortality level in each of four models of mortality developed by Coale and Demeny. Absence of evidence for mortality decline is reflected in the absence of a trend in the progression of estimated levels regardless of model used. In addition, the registered infant mortality rate has changed little in the past 10 years.

[37]See foot-note 36.

the values of $q(2)$ and $q(5)$ may be manipulated to yield an estimate of completeness in age-group 1-4 thus:

$$C(1\text{-}4) \doteq \frac{\ln {}_3p_2{}^{Retro}}{\ln {}_3p_2{}^{Prosp}} \qquad (1)$$

where $C(1\text{-}4)$ indicates completeness in the age interval 1-4 and ${}_3p_2$ indicates the probability of surviving from ages 2 to 3 in Retro EDENH or Prosp EDENH. The estimated value of $C(1\text{-}4)$ from the data of the above table is 0.96. Furthermore, if completeness in the age interval 0-1 is some constant multiple, K, of completeness in the age interval 1-4, we can estimate K utilizing either $q(2)$ or $q(5)$ and our estimate of $C(1\text{-}4)$ as:

$$K = \frac{(\ln {}_1p_0{}^{Prosp}) \dfrac{1}{C(1\text{-}4)}}{\ln p(2)^{Retro} - \dfrac{1}{C(1\text{-}4)} (\ln {}_1p_1{}^{Prosp})} \qquad (2)$$

or as:

$$K = \frac{(\ln {}_1p_0{}^{Prosp}) \dfrac{1}{C(1\text{-}4)}}{\ln p(2)^{Retro} - \dfrac{1}{C(1\text{-}4)} (\ln {}_4p_1{}^{Prosp})} \qquad (3)$$

In both cases we obtain a value of $K = 0.914$ indicating that Prosp EDENH detected about 87.7 per cent of the deaths occurring in the age interval 0-1. Applying these estimates of completeness of Prosp EDENH yields estimates of ${}_1q_0 = 0.1340$ and ${}_4q_1 = 0.1763$ for the 1970-1972 period.

Completeness of civil death registration for children under 5 can now be appraised by comparing registered rates to those just estimated from EDENH. A registered infant mortality rate was calculated for 1970-1972 from registered births during the period (adjusted for 13 per cent underregistration[38]) and registered infant deaths. A registered child mortality rate was estimated from the population age 1-4 developed from the adjusted registered births and registered deaths during the previous years and registered deaths during the three-year period. Comparison of these registered rates with estimated rates implies that 25 per cent of infant deaths and 47 per cent of childhood deaths are detected by the vital registration system.

Evaluation and adjustment of mortality data over age 5

The quality of death registration above age 5 was evaluated by Preston's method. Application of this method yielded the following estimates of completeness relative to the census counts:[39]

Percentage completeness of death registration for
ages 5 and over, relative to the census

Period	Males	Females
1960-1962	58	55
1973-1975	66	66

Registered deaths above age 5 have been inflated, therefore, by the reciprocal of these completeness estimates.

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[38]Underregistration of births in Honduras has been estimated by the United States Bureau of the Census. See United States Bureau of the Census, *Country Demographic Profiles: Honduras,* by G. S. Finch (Washington, D.C., 1977), p. 1.

[39]We have estimated here completeness of death registration (at ages 5 and over) relative to the census count. By combining these estimates with information on completeness of the 1961 and 1974 census counts we can obtain estimates of death registration completeness for ages 5 and over, independent of the census counts of 54 per cent for males and 52 per cent for females in 1960-1962, and 57 per cent for males and 59 per cent for females in 1973-1975. For estimates of the quality of the census, see United States Bureau of the Census, *Country Demographic Profiles: Honduras,* by G. S. Finch (Washington, D.C., 1977), p. 1.

Calculation of mortality rates

For ages 5 and over, central death rates were calculated from three-year averages of registered deaths in five-year age-sex groups and the corresponding age-sex count from the census moved to mid period. For ages under 5, mortality rates were estimated as previously described.

Further adjustments to the life table

Because the life tables did not exhibit a completely smooth progression of mortality rates from age to age, the rates were smoothed from ages 25 to 64 by three-term moving averages through their logarithms.

For both males and females, five-year age-specific mortality rates were available only through age-group 65-69. Mortality rates for ages 70-74, 75-79 and 80-84 were therefore estimated based on the age pattern of mortality change at the older ages displayed in the EDENH survey.[40]

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[40]See A. Ortega and M. Rincón, *Encuesta Demografica Nacional: Mortalidad,* Fasiculo IV (Santiago, CELADE, 1975), pp. 49-50, tables 1.7 and 1.8.

Honduras Males 1960–1962

AGE	M(X)	Q(X)	I(X)	D(X)	L(X)	T(X)	E(X)	A(X)
0	.19620	.17341	100000	17341	88382	4061095	40.611	0.330
1	.03110	.11493	82659	9500	305481	3972713	48.061	1.352
5	.00650	.03198	73159	2340	359946	3667232	50.127	2.500
10	.00360	.01784	70819	1263	350938	3307286	46.700	2.500
15	.00550	.02715	69556	1889	343366	2956347	42.503	2.663
20	.00830	.04069	67667	2754	331771	2612982	38.615	2.615
25	.01040	.05071	64914	3292	316498	2281211	35.142	2.548
30	.01160	.05638	61622	3474	299498	1964712	31.883	2.521
35	.01290	.06251	58148	3635	281756	1665215	28.638	2.528
40	.01510	.07280	54513	3968	262806	1383459	25.378	2.540
45	.01820	.08711	50545	4403	241913	1120654	22.171	2.544
50	.02240	.10618	46142	4899	218713	878741	19.044	2.551
55	.02910	.13586	41243	5603	192550	660027	16.003	2.561
60	.04020	.18304	35640	6524	162279	467477	13.117	2.560
65	.05790	.25336	29116	7377	127405	305198	10.482	2.536
70	.08530	.35112	21739	7633	89486	177793	8.178	2.483
75	.12530	.47251	14106	6665	53195	88307	6.260	2.399
80	.18390	.61268	7441	4559	24790	35112	4.719	2.277
85	.27922	******	2882	2882	10322	10322	3.581	3.581

Honduras Females 1960–1962

AGE	M(X)	Q(X)	I(X)	D(X)	L(X)	T(X)	E(X)	A(X)
0	.15860	.14378	100000	14378	90654	4411924	44.119	0.350
1	.03090	.11428	85622	9785	316666	4321270	50.469	1.361
5	.00640	.03150	75837	2389	373215	4004603	52.805	2.500
10	.00330	.01636	73449	1202	364238	3631389	49.441	2.500
15	.00440	.02177	72247	1573	357482	3267150	45.222	2.615
20	.00600	.02957	70674	2090	348361	2909668	41.170	2.604
25	.00770	.03779	68584	2592	336627	2561307	37.346	2.573
30	.00920	.04498	65992	2969	322677	2224680	33.712	2.547
35	.01060	.05165	63023	3255	307096	1902003	30.180	2.537
40	.01220	.05922	59768	3540	290140	1594907	26.685	2.543
45	.01470	.07096	56228	3990	271428	1304767	23.205	2.566
50	.01940	.09267	52238	4841	249531	1033338	19.781	2.592
55	.02770	.12984	47397	6154	222176	783807	16.537	2.594
60	.04010	.18268	41243	7534	187890	561632	13.618	2.568
65	.05730	.25089	33708	8457	147593	373742	11.087	2.523
70	.07940	.33056	25251	8347	105128	226149	8.956	2.469
75	.10910	.42514	16904	7187	65872	121021	7.159	2.405
80	.14990	.53470	9718	5196	34663	55148	5.675	2.320
85	.22072	******	4522	4522	20486	20486	4.531	4.531

Honduras Males 1973–1975

AGE	M(X)	Q(X)	I(X)	D(X)	L(X)	T(X)	E(X)	A(X)
0	.15020	.13647	100000	13647	90857	5018497	50.185	0.330
1	.01670	.06397	86353	5524	330785	4927641	57.064	1.352
5	.00380	.01882	80829	1521	400343	4596855	56.871	2.500
10	.00220	.01094	79308	868	394370	4196512	52.914	2.500
15	.00340	.01687	78440	1323	389147	3802142	48.472	2.691
20	.00570	.02812	77117	2169	380445	3412995	44.257	2.629
25	.00670	.03296	74949	2470	368688	3032550	40.462	2.549
30	.00770	.03778	72478	2738	355645	2663862	36.754	2.536
35	.00860	.04211	69740	2937	341454	2308217	33.097	2.532
40	.00980	.04785	66803	3197	326193	1966764	29.441	2.552
45	.01220	.05925	63607	3769	308902	1640571	25.792	2.577
50	.01600	.07703	59838	4609	288072	1331669	22.255	2.588
55	.02180	.10354	55229	5719	262322	1043597	18.896	2.583
60	.02960	.13805	49510	6835	230913	781275	15.780	2.566
65	.04015	.18293	42675	7807	194438	550363	12.896	2.574
70	.06307	.27299	34869	9519	150923	355925	10.208	2.539
75	.09117	.37000	25350	9380	102879	205003	8.087	2.455
80	.12646	.47501	15971	7586	59988	102123	6.394	2.381
85	.19899	******	8384	8384	42135	42135	5.025	5.025

Honduras Females 1973–1975

AGE	M(X)	Q(X)	I(X)	D(X)	L(X)	T(X)	E(X)	A(X)
0	.12720	.11749	100000	11749	92363	5434182	54.342	0.350
1	.01510	.05809	88251	5126	339478	5341819	60.530	1.361
5	.00380	.01882	83125	1565	411715	5002341	60.178	2.500
10	.00180	.00896	81561	731	405977	4590626	56.285	2.500
15	.00230	.01144	80830	924	401926	4184649	51.771	2.595
20	.00290	.01440	79906	1151	396771	3782723	47.340	2.604
25	.00390	.01932	78755	1521	390125	3385952	42.994	2.601
30	.00490	.02421	77233	1870	381641	2995827	38.789	2.580
35	.00600	.02957	75363	2229	371428	2614186	34.688	2.582
40	.00770	.03780	73135	2764	359002	2242759	30.666	2.586
45	.00980	.04787	70371	3369	343725	1883757	26.769	2.587
50	.01290	.06257	67002	4192	324986	1540032	22.985	2.609
55	.01880	.08997	62810	5651	300599	1215047	19.345	2.620
60	.02770	.12988	57158	7424	268003	914448	15.998	2.604
65	.04080	.18565	49735	9233	226307	646445	12.998	2.578
70	.06047	.26313	40501	10657	176237	420138	10.373	2.535
75	.08835	.36101	29844	10774	121949	243900	8.172	2.469
80	.12589	.47380	19070	9035	71773	121951	6.395	2.390
85	.19998	******	10035	10035	50179	50179	5.001	5.001

Life tables for Hong Kong were calculated for 1960-1962, 1970-1972 and 1976 based on population censuses age-sex counts and registered vital events by age and sex.

Sources of data

Age-specific mortality probabilities ($_nq_x$) for 1961, 1971 and 1976 calculated from vital registration and population census data are presented in Hong Kong publications.[41]

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[41]Hong Kong, Census and Statistics Department, *Life Tables 1971-1991* (1973), p. 3, table 2.1, and *Hong Kong Life Tables* (1978), pp. 12-13, tables 1 and 2.

Evaluation and adjustment of data

Post-enumeration surveys following the censuses showed underenumeration of 0.6 per cent, 1.05 per cent, and 0.4 per cent for 1961, 1971 and 1976, respectively. Death registration in Hong Kong has been accurate since 1960.[42] Hence, no adjustment to the published mortality rates was necessary.

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[42]United Nations Economic and Social Commission for Asia and the Pacific, *Population of Hong Kong*, Country Monograph Series No. 1 (1974), pp. 122 and 132; and Hong Kong, Census and Statistics Department, *Hong Kong By-Census 1976, Main Report*, vol. 1 (1979), p. 18.

Hong Kong Males 1960–1962

AGE	M(X)	Q(X)	I(X)	D(X)	L(X)	T(X)	E(X)	A(X)
0	.04208	.04064	100000	4064	96584	6367426	63.674	0.159
1	.00430	.01703	95936	1634	379709	6270842	65.365	1.531
5	.00096	.00480	94302	453	470379	5891133	62.471	2.500
10	.00066	.00330	93850	310	468474	5420753	57.760	2.500
15	.00076	.00377	93540	353	466866	4952280	52.943	2.638
20	.00129	.00645	93187	601	464522	4485413	48.133	2.647
25	.00155	.00773	92586	716	461218	4020891	43.429	2.607
30	.00220	.01093	91870	1004	456978	3559673	38.747	2.636
35	.00304	.01510	90866	1372	451119	3102695	34.146	2.658
40	.00484	.02394	89494	2142	442491	2651577	29.628	2.675
45	.00741	.03644	87352	3183	429463	2209086	25.290	2.708
50	.01414	.06846	84169	5762	407450	1779623	21.144	2.676
55	.01984	.09479	78406	7432	374682	1372173	17.501	2.666
60	.03818	.17488	70974	12412	325128	997491	14.054	2.604
65	.04778	.21384	58562	12523	262106	672363	11.481	2.548
70	.07752	.32458	46039	14943	192777	410258	8.911	2.496
75	.10170	.40366	31096	12552	123429	217481	6.994	2.447
80	.16584	.57360	18544	10637	64137	94052	5.072	2.313
85	.26432	******	7907	7907	29915	29915	3.783	3.783

Hong Kong Females 1960–1962

AGE	M(X)	Q(X)	I(X)	D(X)	L(X)	T(X)	E(X)	A(X)
0	.03555	.03451	100000	3451	97079	7111077	71.111	0.154
1	.00438	.01733	96549	1673	381959	7013998	72.647	1.468
5	.00082	.00411	94876	390	473404	6632039	69.902	2.500
10	.00046	.00230	94486	217	471886	6158635	65.180	2.500
15	.00067	.00335	94269	316	470590	5686749	60.325	2.617
20	.00081	.00406	93953	381	468860	5216159	55.519	2.631
25	.00127	.00632	93571	591	466459	4747298	50.735	2.637
30	.00159	.00791	92980	735	463141	4280840	46.040	2.609
35	.00217	.01079	92244	995	458868	3817699	41.387	2.634
40	.00309	.01534	91249	1400	452931	3358831	36.809	2.632
45	.00421	.02084	89849	1872	444868	2905901	32.342	2.661
50	.00699	.03440	87977	3026	432763	2461033	27.974	2.647
55	.00914	.04473	84951	3800	415811	2028269	23.876	2.647
60	.01552	.07483	81151	6073	391380	1612458	19.870	2.633
65	.02021	.09647	75078	7243	358327	1221078	16.264	2.644
70	.03792	.17412	67835	11811	311460	862750	12.718	2.653
75	.06166	.26805	56024	15017	243539	551291	9.840	2.564
80	.09556	.38548	41007	15807	165412	307752	7.505	2.493
85	.17704	******	25199	25199	142340	142340	5.649	5.649

Hong Kong Males 1970–1972

AGE	M(X)	Q(X)	I(X)	D(X)	L(X)	T(X)	E(X)	A(X)
0	.02370	.02321	100000	2321	97933	6757539	67.575	0.109
1	.00136	.00542	97679	529	389436	6659607	68.178	1.583
5	.00046	.00230	97150	223	485189	6270170	64.541	2.500
10	.00049	.00244	96926	236	484039	5784981	59.684	2.500
15	.00074	.00369	96690	357	482613	5300942	54.824	2.658
20	.00105	.00524	96333	505	480488	4818329	50.018	2.671
25	.00169	.00844	95828	809	477232	4337841	45.267	2.641
30	.00210	.01046	95019	994	472717	3860608	40.630	2.606
35	.00288	.01428	94025	1343	466965	3387891	36.032	2.645
40	.00434	.02146	92683	1989	458753	2920927	31.515	2.657
45	.00638	.03143	90694	2851	446853	2462174	27.148	2.679
50	.01092	.05327	87843	4679	428434	2015320	22.942	2.696
55	.01821	.08733	83164	7263	398901	1586887	19.081	2.671
60	.02971	.13874	75901	10531	354499	1187986	15.652	2.625
65	.04473	.20168	65371	13184	294755	833487	12.750	2.565
70	.06360	.27488	52187	14345	225565	538731	10.323	2.534
75	.09967	.39635	37842	14999	150476	313167	8.276	2.418
80	.11603	.44505	22843	10166	87616	162690	7.122	2.384
85	.16886	******	12677	12677	75075	75075	5.922	5.922

Hong Kong Females 1970–1972

AGE	M(X)	Q(X)	I(X)	D(X)	L(X)	T(X)	E(X)	A(X)
0	.01748	.01721	100000	1721	98454	7518388	75.184	0.102
1	.00108	.00431	98279	424	392055	7419934	75.499	1.496
5	.00035	.00176	97855	172	488847	7027879	71.819	2.500
10	.00033	.00164	97683	160	488015	6539032	66.941	2.500
15	.00052	.00259	97523	253	487025	6051017	62.047	2.666
20	.00073	.00365	97270	355	485498	5563991	57.201	2.593
25	.00082	.00408	96915	395	483623	5078494	52.401	2.587
30	.00112	.00559	96520	540	481331	4594871	47.605	2.648
35	.00168	.00839	95980	805	478010	4113540	42.858	2.650
40	.00234	.01165	95175	1109	473262	3635530	38.198	2.643
45	.00342	.01697	94066	1596	466629	3162268	33.617	2.680
50	.00576	.02840	92470	2626	456224	2695640	29.151	2.667
55	.00808	.03966	89844	3563	440799	2239416	24.926	2.637
60	.01204	.05856	86281	5053	419642	1798617	20.846	2.672
65	.02083	.09932	81228	8068	387286	1378975	16.977	2.663
70	.03241	.15045	73161	11007	339643	991690	13.555	2.623
75	.05207	.23138	62154	14381	276208	652047	10.491	2.597
80	.08685	.35740	47772	17074	196595	375839	7.867	2.524
85	.17127	******	30699	30699	179244	179244	5.839	5.839

Hong Kong Males 1976

AGE	M(X)	Q(X)	I(X)	D(X)	L(X)	T(X)	E(X)	A(X)
0	.01592	.01569	100000	1569	98568	6959729	69.597	0.088
1	.00084	.00336	98431	331	392932	6861160	69.705	1.606
5	.00046	.00230	98100	226	489937	6468228	65.935	2.500
10	.00039	.00193	97875	189	488901	5978291	61.081	2.500
15	.00069	.00344	97686	336	487663	5489390	56.194	2.723
20	.00113	.00565	97350	550	485448	5001726	51.379	2.635
25	.00133	.00664	96800	643	482456	4516279	46.656	2.600
30	.00186	.00924	96157	888	478659	4033823	41.950	2.608
35	.00228	.01133	95268	1079	473803	3555163	37.317	2.647
40	.00385	.01909	94189	1798	466787	3081361	32.715	2.687
45	.00582	.02872	92391	2653	455776	2614574	28.299	2.671
50	.00929	.04548	89738	4081	439188	2158798	24.057	2.672
55	.01461	.07065	85656	6052	414206	1719610	20.076	2.674
60	.02481	.11719	79605	9329	376088	1305404	16.399	2.649
65	.03822	.17498	70276	12297	321738	929316	13.224	2.590
70	.05588	.24581	57979	14252	255047	607578	10.479	2.555
75	.08696	.35701	43727	15611	179523	352531	8.062	2.495
80	.12986	.48566	28116	13655	105148	173009	6.153	2.405
85	.21310	******	14461	14461	67861	67861	4.693	4.693

Hong Kong Females 1976

AGE	M(X)	Q(X)	I(X)	D(X)	L(X)	T(X)	E(X)	A(X)
0	.01229	.01215	100000	1215	98890	7656843	76.568	0.086
1	.00084	.00336	98785	332	394312	7557953	76.509	1.504
5	.00034	.00171	98453	168	491845	7163641	72.762	2.500
10	.00029	.00143	98285	141	491072	6671796	67.882	2.500
15	.00041	.00207	98144	203	490243	6180724	62.976	2.649
20	.00059	.00294	97941	288	489022	5690481	58.101	2.628
25	.00077	.00384	97653	375	487373	5201459	53.265	2.621
30	.00106	.00528	97278	514	485163	4714086	48.460	2.611
35	.00133	.00661	96764	640	482308	4228922	43.703	2.632
40	.00202	.01006	96125	967	478367	3746615	38.977	2.666
45	.00300	.01488	95158	1416	472495	3268248	34.346	2.673
50	.00479	.02367	93742	2219	463564	2795753	29.824	2.681
55	.00750	.03686	91523	3374	449778	2332189	25.482	2.677
60	.01206	.05865	88149	5170	428614	1882411	21.355	2.653
65	.01764	.08469	82980	7028	398300	1453797	17.520	2.638
70	.02794	.13112	75952	9959	356419	1055497	13.897	2.656
75	.04939	.22105	65993	14588	295349	699078	10.593	2.627
80	.08424	.34925	51405	17953	213120	403729	7.854	2.554
85	.17550	******	33452	33452	190608	190608	5.698	5.698

Life tables for India were calculated for the 1970-1972 period based on the age-specific death rates from the Indian Sample Registration System (SRS).

Sources of data

Age-specific death rates for 1970, 1971 and 1972 by sex and rural/urban residence are available from official Indian publications.[43]

Rural and urban age-specific death rates for the three-year period 1970-1972 were calculated as the simple average of the age-specific death rates for the individual years. Age-specific death rates for all-India (rural and urban populations combined) were then calculated as the weighted average of the rural and urban rates, the weights being the proportion between rural and urban in each age-sex group from the 1971 census population.[44]

Evaluation of the death rates at ages 5 and over

The methods of Preston and Brass both imply that the registration of deaths in the SRS is approximately 95 per cent complete for males and 85 per cent complete for females during 1970-1972.[45] The death rates were therefore adjusted by the reciprocals of these completeness estimates.

Evaluation of death rates at ages under age 5

Because different mortality data under age 5 were available in the rural and urban areas, the data were evaluated separately for each place of residence.

In the rural area, data for 1970-1972 were not available for infant and childhood age-groups 0-1 and 1-4 but only for the one large age-group 0-4. However, it is possible to derive $_1M_0$ and $_4M_1$ from earlier years of the SRS (1968 and 1969), and since there was apparently only small change in mortality between 1968-1969 and 1970-1972, we assumed that the age pattern of mortality (although not the level) under age 5 was unchanged between 1968-1969 and 1970-1972.[46]

Questions on children ever born and children surviving were asked in the 1972 Fertility Survey and tabulated by age of mother, allowing application of Trussell regression equations to make indirect estimates of infant and childhood mortality from calculated proportions of children not surviving by age of mother.[47]

Comparison of these indirect estimates with mortality rates calculated directly from the SRS data gave no evidence of incompleteness of SRS mortality data during the infant and childhood years (see following table):

Central death rates from the two infant and childhood age-groups 0-1 and 1-4 were also not available for the 1970-1972 period in the urban areas. Only $_5M_0$, the central death rate for the combined age-group 0-4, was available. Furthermore, for the urban population there was no empirical standard such as earlier data from the SRS to estimate $_1M_0$ and $_4M_1$ from $_5M_0$. Hence, for each sex, we calculated $_1M_0$ and $_4M_1$ by sex on the assumption that the age pattern of mortality under age 5 in urban India is the same as that of the Coale-Demeny model life table system, North region.[48]

	Probability of dying before age x ($_xq_0$) estimated from:			
	SRS[a] 1970-1972		Trussell regression equations[b]	
Age x	M	F	Estimate	Reference date
2..........	0.103416	0.109354	0.106458	April 1970
3..........	0.115006	0.123913	0.101798	June 1968
5..........	0.130709	0.143248	0.12421	March 1966

[a] From values of $_1M_0$ derived from the SRS surveys, $_1q_0$ and $_5q_0$ were calculated by usual life table procedures. Values of $_2q_0$ and $_3q_0$ were calculated from the complements of the $_1q_0$ and $_5q_0$ values (l_1 and l_5) using the interpolation coefficients of Coale and Demeny North model.
[b] Calculation made by the United Nations Population Division from tabulations of children ever born and children surviving by age of mother from the 1972 Indian Fertility Survey.

Hence, there is no evidence of incompleteness in the SRS mortality rates under age 5 and no adjustments were made at these ages.

Further adjustments to the life table

The male life table exhibited a relatively smooth progression of death rates from age to age. However, female mortality rates for ages 50-65 showed irregularities due apparently to random variation and age mis-statement. The female mortality rates for these ages were therefore smoothed by three-term moving averages through their logarithms.

For both males and females, five-year age-specific mortality rates were available only through age-group 65-69. Mortality rates for ages 70-74, 75-79 and 80-84 were therefore estimated by fitting a Makeham curve through the $q_x/(1-q_x)$ function for ages 40-44, 45-49, . . . , 65-69 and extrapolating the rates to ages 70-74, 75-79 and 80-84.

	Probability of dying before age x ($_xq_0$) estimated from:					
	SRS[a] 1968-1969		SRS[a] 1970-1972		Trussell regression equations[b]	
Age x	M	F	M	F	Estimate	Reference date
2............	0.17679	0.19581	0.16652	0.18134	0.13955	January 1970
3............	0.20273	0.22838	0.19224	0.21330	0.16121	March 1968
5............	0.23666	0.27164	0.22487	0.25574	0.17387	December 1965

[a] From values of $_1M_0$ and $_4M_1$ derived from the SRS surveys, $_1q_0$ and $_5q_0$ were calculated by usual life table procedures. Values of $_2q_0$ and $_3q_0$ were calculated from the complements of the $_1q_0$ and $_5q_0$ values (l_1 and l_5) using the interpolation coefficients of Coale and Demeny North model.
[b] Calculation made by the United Nations Population Division from tabulations of children ever born and children surviving by age of mother from the 1972 Indian Fertility Survey.

[43]For 1970, age-specific death rates by rural and urban residence have been taken from India, Ministry of Home Affairs, Registrar General, *Sample Registration Bulletin*, vol. IX, No. 4 (New Delhi, October 1975), tables 4(a)-4(f). For 1971 and 1972, death rates by rural and urban residence have been taken from *ibid.*, vol. XI, No. 4 (New Delhi, October 1977), tables 4(a) and 4(b).

[44]India, Registrar General and Census, *Census of India 1971, Series 1, Part II-C(ii), Social and Cultural Tables* (Delhi, 1977), table C-IV.
[45]For a detailed analysis of the quality of the mortality data from the SRS, see S. Preston, N. Chen and J. Hobcraft, "Preliminary report on application of techique for estimating death registration completeness to data from the Indian Sample Registration System" (mimeo.); and

India, Office of the Registrar General, "Some aspects for consideration in regard to the paper by Preston, Chen and Hobcraft" (mimeo.).

[46]Values of $_5M_0$ from the 1968-1969 and 1970-1972 SRS by sex are as follows:

	M	F
1968-1969	0.05872	0.06849
1970-1972	0.05573	0.06250

[47]India, Ministry of Home Affairs, Office of the Registrar General and Census Commissions, Vital Statistics Division, *Fertility Differentials in India; Results of the Fertility Survey in a Sub-sample of SRS (1972)* (New Delhi, 1976), table 47. Average number of children for women was calculated on the basis of data for average number of children per ever-married woman given in *ibid.*, table 40, and Indian 1971 census population by marital status given in India, Registrar General and Census, *Census of India 1971, Series 1, Part II-C (ii), Social and Cultural Tables* (Delhi, 1977), table C-II.

[48]According to the 1971 census, only 17.7 per cent of the population under 5 is in urban areas (*Demographic Yearbook, 1975* (United Nations publication, Sales No. E/F.76.XIII.1), p. 236, table 7). Misspecification of the age pattern of mortality under 5 in the urban areas would cause only small error in the infant and childhood age pattern for all India.

India Males 1970-1972

AGE	M(X)	Q(X)	I(X)	D(X)	L(X)	T(X)	E(X)	A(X)
0	.13127	.12066	100000	12066	91916	4911508	49.115	0.330
1	.02745	.10236	87934	9001	327902	4819592	54.809	1.352
5	.00496	.02450	78933	1934	389832	4491690	56.905	2.500
10	.00209	.01040	77000	800	382997	4101857	53.271	2.500
15	.00238	.01183	76199	902	378809	3718860	48.804	2.574
20	.00306	.01519	75298	1144	373708	3340050	44.358	2.569
25	.00341	.01691	74154	1254	367710	2966343	40.002	2.559
30	.00420	.02079	72900	1516	360847	2598633	35.646	2.589
35	.00544	.02685	71385	1917	352387	2237786	31.348	2.634
40	.00842	.04128	69468	2868	340597	1885399	27.141	2.649
45	.01212	.05892	66600	3924	323780	1544802	23.195	2.651
50	.01960	.09365	62676	5869	299455	1221022	19.482	2.628
55	.02722	.12778	56806	7259	266667	921567	16.223	2.608
60	.04317	.19538	49548	9681	224243	654899	13.218	2.573
65	.05948	.25909	39867	10329	173660	430657	10.802	2.514
70	.08381	.34555	29538	10207	121786	256997	8.701	2.462
75	.11473	.44131	19331	8531	74356	135210	6.995	2.386
80	.15289	.54148	10800	5848	38250	60854	5.635	2.307
85	.21907	******	4952	4952	22604	22604	4.565	4.565

India Females 1970-1972

AGE	M(X)	Q(X)	I(X)	D(X)	L(X)	T(X)	E(X)	A(X)
0	.13493	.12405	100000	12405	91937	4615488	46.155	0.350
1	.03609	.13181	87595	11546	319911	4523552	51.642	1.361
5	.00614	.03024	76049	2299	374498	4203640	55.275	2.500
10	.00275	.01366	73750	1007	366232	3829142	51.921	2.500
15	.00393	.01947	72743	1416	360365	3462910	47.605	2.635
20	.00547	.02699	71327	1925	351932	3102545	43.498	2.558
25	.00548	.02703	69402	1876	342363	2750614	39.633	2.524
30	.00649	.03194	67525	2157	332306	2408251	35.664	2.533
35	.00684	.03363	65369	2198	321407	2075945	31.757	2.527
40	.00791	.03881	63170	2451	309918	1754538	27.775	2.579
45	.01084	.05284	60719	3209	295988	1444621	23.792	2.629
50	.01641	.07900	57510	4543	276857	1148632	19.973	2.646
55	.02575	.12132	52967	6426	249559	871775	16.459	2.623
60	.03826	.17513	46541	8151	213037	622217	13.369	2.587
65	.05733	.25129	38390	9647	168274	409179	10.658	2.546
70	.08453	.34845	28743	10015	118484	240905	8.381	2.481
75	.12171	.46192	18728	8651	71076	122422	6.537	2.392
80	.16984	.58164	10077	5861	34510	51346	5.095	2.292
85	.25040	******	4216	4216	16836	16836	3.994	3.994

Life tables for Iran were constructed for the 1973-1976 period based on results of the Iranian Population Growth Survey.[49]

Source of data

The Population Growth Survey was a multiround follow-up survey of a nationally representative sample of 100,000 individuals. After an initial baseline enumeration of the sample population in October 1973, enumerators returned to the sample households six additional times at six-month intervals inquiring of births, deaths and moves among the enumerated population during the preceding six-month interval.

Evaluation and adjustment of the data

As part of the survey procedure itself, "completeness checks" of the recorded vital events were undertaken at the end of each survey year. Special investigators independently re-interviewed a sub-sample of households. The vital events recorded in the original interview and in the re-interview were matched to provide gross measures of completeness of birth and death recording and appropriate correction factors. These correction factors (1.058 for births, 1.093 for deaths) are incorporated into the published survey results.

To evaluate further the completeness of the survey mortality data,

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[49]Iran, Statistical Centre of Iran, Plan and Budget Organization, *Population Growth Survey of Iran, Final Report 1973-1976* (Teheran, 1978), p. 98, table 39.

analytical techniques of Brass and Preston were applied to the data. Evaluation of the results of these tests indicated that the published results were well over 90 per cent complete for both males and females. As a result, no additional adjustments for completeness were made to the data.

Calculation of mortality rates

Age-sex specific mortality rates are given in the source publication for urban areas, rural areas and the whole country. They are calculated from recorded deaths during the survey period (adjusted by factors derived from the completeness checks) and the number of person-years lived during the survey period in each age-sex group. Urban and rural death rates are weighted by the urban and rural proportions for each age-sex group in the 1976 census to give the published rates for the whole country.

Further adjustments to the life table

The male and female age-specific death rates did not progress smoothly from age to age but, rather, showed quite large irregularities which were apparently due to random variation and unbiased age mis-statement. From ages 15 to 70 for males and 15 to 80 for females, therefore, the rates were smoothed by three-term moving averages through their logarithms. As this did not completely eliminate the irregularities in the female death rates, the procedure was carried out a second time for females in order to estimate re-smoothed death rates for ages 20-75.

Iran Males 1973–1976

AGE	M(X)	Q(X)	I(X)	D(X)	L(X)	T(X)	E(X)	A(X)
0	.12950	.11916	100000	11916	92016	5718875	57.189	0.330
1	.01530	.05882	88084	5181	338617	5626859	63.881	1.352
5	.00220	.01094	82903	907	412248	5288242	63.788	2.500
10	.00120	.00598	81996	491	408754	4875994	59.466	2.500
15	.00145	.00722	81506	589	406086	4467240	54.809	2.552
20	.00156	.00777	80917	629	403037	4061154	50.189	2.539
25	.00178	.00886	80288	711	399708	3658117	45.562	2.565
30	.00217	.01079	79577	859	395833	3258409	40.947	2.613
35	.00313	.01554	78718	1223	390732	2862576	36.365	2.664
40	.00493	.02437	77495	1889	383082	2471845	31.897	2.675
45	.00761	.03739	75606	2827	371456	2088763	27.627	2.674
50	.01228	.05968	72779	4343	353696	1717307	23.596	2.652
55	.01781	.08545	68436	5848	328341	1363611	19.925	2.634
60	.02787	.13068	62588	8179	293470	1035269	16.541	2.619
65	.04176	.18967	54409	10320	247122	741799	13.634	2.585
70	.06360	.27455	44089	12105	190323	494677	11.220	2.511
75	.08330	.34284	31985	10966	131642	304355	9.516	2.421
80	.10010	.39670	21019	8338	83298	172712	8.217	2.386
85	.14182	******	12681	12681	89414	89414	7.051	7.051

Iran Females 1973–1976

AGE	M(X)	Q(X)	I(X)	D(X)	L(X)	T(X)	E(X)	A(X)
0	.14200	.13000	100000	13000	91550	5655854	56.559	0.350
1	.01920	.07310	87000	6359	331217	5564304	63.958	1.361
5	.00280	.01390	80641	1121	400400	5233087	64.894	2.500
10	.00130	.00648	79519	515	396309	4832687	60.774	2.500
15	.00164	.00817	79004	645	393449	4436378	56.154	2.563
20	.00179	.00891	78359	698	390073	4042929	51.595	2.534
25	.00197	.00980	77661	761	386451	3652856	47.036	2.566
30	.00251	.01247	76899	959	382185	3266405	42.476	2.590
35	.00311	.01544	75940	1172	376901	2884220	37.980	2.612
40	.00443	.02192	74768	1639	369944	2507319	33.535	2.623
45	.00586	.02890	73129	2114	360676	2137375	29.227	2.648
50	.00958	.04686	71016	3328	347342	1776699	25.018	2.675
55	.01495	.07223	67688	4889	327039	1429357	21.117	2.668
60	.02493	.11771	62799	7392	296507	1102318	17.553	2.634
65	.03656	.16798	55407	9307	254570	805811	14.544	2.586
70	.05439	.23994	46100	11061	203367	551241	11.958	2.547
75	.07894	.32849	35039	11510	145804	347874	9.928	2.447
80	.09270	.37398	23529	8799	94924	202070	8.588	2.418
85	.13747	******	14729	14729	107146	107146	7.274	7.274

Life tables for the Jewish population of Israel were constructed for the periods 1948-1949, 1960-1962 and 1971-1973 based on the age-sex counts from the population registration of 8 November 1948 and the population censuses of 22 May 1961 and 20 May 1972, and on registered vital events by age and sex.

Sources of data

Population and vital registration data are available from official Israeli publications.[50]

Evaluation and adjustment of data

Because of the unusually large volume of migration that has characterized the development of the Israeli population from the creation of the State in 1948 to the present day, the age structure of the population is far from stable and neither the Brass nor Preston methods gave usable results.[51] However, registration of both births and deaths among the Jewish population is known to have been complete for many years[52] and no adjustment was made to the mortality data.

Calculation of mortality rates

For the 1948-1949 life tables, central death rates were calculated based on the two-year average of registered deaths by age and sex and the corresponding age-sex distribution from the population registration moved to 31 December 1948 based on registered births, deaths and migrants. Infant death rates were calculated from registered infant deaths and births in 1949.

For the 1960-1962 and 1971-1973 life tables, central death rates were calculated from three-year averages of deaths by age and sex and the corresponding age-sex distributions from the censuses moved to mid period, again based on registered births, deaths and migrants. Infant death rates were calculated from registered infant deaths and births during the three-year period surrounding the censuses.

Further adjustments to the life table

The age-specific death rates did not progress smoothly from age to age but, rather, showed irregularities due apparently to random variation or age mis-statement. Therefore, the death rates were smoothed from ages 15 on for females and 25 on for males by three-term moving averages through their logarithms.

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[50]For populations by age and sex, see Israel, Central Bureau of Statistics, *Statistical Abstract of Israel 1963* (Jerusalem, 1963), p. 38, table 15; and *Statistical Abstract of Israel 1978* (Jerusalem, 1978), p. 31, table ii/1. Registered deaths by age and sex, and births by sex are found in Israel, Central Bureau of Statistics, *Vital Statistics 1972* (Jerusalem, 1974), p. 127, table 99; *Vital Statistics 1973-1976* (Jerusalem, 1978), p. 131, table 99; *Statistical Abstract of Israel 1978* (Jerusalem, 1978), p. 90, table iii/19; and *Late Fetal and Infant Deaths in Israel 1948-72* (Jerusalem, 1974), pp. 113-114, table I.

[51]For both methods, estimates of completeness were well over 100 per cent.

[52]See R. Bachi, *The Population of Israel*, CICRED Series (Jerusalem, n.d.), p. 407.

Israel Males (Jewish population) 1948–1949

AGE	M(X)	Q(X)	I(X)	D(X)	L(X)	T(X)	E(X)	A(X)
0	.05861	.05600	100000	5600	95540	6509631	65.096	0.203
1	.00421	.01666	94400	1573	373644	6414091	67.946	1.484
5	.00124	.00618	92827	574	462702	6040447	65.072	2.500
10	.00087	.00434	92254	400	460267	5577744	60.461	2.500
15	.00144	.00718	91853	659	457704	5117477	55.714	2.630
20	.00165	.00822	91194	749	454095	4659773	51.097	2.497
25	.00144	.00717	90445	649	450613	4205678	46.500	2.516
30	.00181	.00901	89796	809	447037	3755066	41.818	2.599
35	.00236	.01173	88987	1044	442440	3308029	37.174	2.611
40	.00316	.01568	87943	1379	436477	2865589	32.585	2.654
45	.00509	.02515	86563	2177	427799	2429112	28.062	2.696
50	.00850	.04169	84386	3518	413867	2001313	23.716	2.708
55	.01506	.07277	80868	5885	390773	1587445	19.630	2.695
60	.02515	.11873	74983	8903	353994	1196673	15.959	2.650
65	.03980	.18164	66080	12003	301580	842679	12.752	2.599
70	.06019	.26226	54077	14182	235625	541099	10.006	2.549
75	.09192	.37335	39895	14895	162040	305474	7.657	2.487
80	.14162	.51664	25000	12916	91202	143434	5.737	2.383
85	.23136	******	12084	12084	52232	52232	4.322	4.322

Israel Females (Jewish population) 1948–1949

AGE	M(X)	Q(X)	I(X)	D(X)	L(X)	T(X)	E(X)	A(X)
0	.04596	.04430	100000	4430	96380	6763917	67.639	0.183
1	.00414	.01639	95570	1566	378291	6667537	69.766	1.452
5	.00093	.00464	94004	436	468931	6289246	66.904	2.500
10	.00065	.00324	93568	304	467082	5820315	62.204	2.500
15	.00087	.00434	93265	405	465361	5353233	57.398	2.624
20	.00119	.00593	92860	551	462977	4887873	52.637	2.601
25	.00143	.00713	92309	658	459947	4424896	47.936	2.573
30	.00171	.00851	91651	780	456355	3964949	43.261	2.565
35	.00199	.00990	90871	900	452208	3508594	38.611	2.616
40	.00304	.01509	89971	1358	446702	3056386	33.971	2.679
45	.00484	.02393	88613	2121	438136	2609685	29.450	2.676
50	.00743	.03651	86492	3158	425044	2171549	25.107	2.651
55	.01078	.05256	83334	4380	406348	1746505	20.958	2.643
60	.01647	.07932	78954	6262	380227	1340158	16.974	2.678
65	.02986	.13963	72691	10150	339914	959931	13.206	2.680
70	.05279	.23456	62542	14670	277894	620017	9.914	2.627
75	.09308	.37879	47871	18133	194815	342123	7.147	2.544
80	.16508	.57710	29738	17162	103960	147309	4.954	2.394
85	.29012	******	12576	12576	43348	43348	3.447	3.447

Israel Males (Jewish population) 1960–1962

AGE	M(X)	Q(X)	I(X)	D(X)	L(X)	T(X)	E(X)	A(X)
0	.03028	.02950	100000	2950	97426	7076373	70.764	0.127
1	.00123	.00491	97050	476	387040	6978948	71.911	1.564
5	.00052	.00260	96574	251	482243	6591908	68.258	2.500
10	.00046	.00230	96323	221	481062	6109665	63.429	2.500
15	.00103	.00514	96102	494	479370	5628603	58.569	2.692
20	.00117	.00583	95608	558	476649	5149233	53.858	2.505
25	.00107	.00534	95050	507	473987	4672584	49.159	2.505
30	.00121	.00603	94543	570	471331	4198597	44.409	2.571
35	.00152	.00757	93973	712	468173	3727266	39.663	2.623
40	.00222	.01104	93261	1030	463916	3259093	34.946	2.678
45	.00366	.01815	92231	1674	457333	2795177	30.306	2.716
50	.00648	.03193	90558	2891	446211	2337844	25.816	2.726
55	.01153	.05616	87666	4924	427038	1891633	21.578	2.706
60	.01959	.09367	82742	7750	395622	1464595	17.701	2.666
65	.03110	.14488	74992	10865	349353	1068973	14.254	2.643
70	.05312	.23563	64127	15110	284456	719620	11.222	2.606
75	.08782	.35904	49017	17599	200400	435164	8.878	2.461
80	.10600	.41629	31418	13079	123386	234764	7.472	2.423
85	.16466	******	18339	18339	111378	111378	6.073	6.073

Israel Females (Jewish population) 1960–1962

AGE	M(X)	Q(X)	I(X)	D(X)	L(X)	T(X)	E(X)	A(X)
0	.02430	.02379	100000	2379	97910	7264362	72.644	0.121
1	.00120	.00479	97621	467	389308	7166453	73.411	1.485
5	.00041	.00205	97154	199	485271	6777144	69.757	2.500
10	.00029	.00145	96955	140	484422	6291874	64.895	2.500
15	.00053	.00265	96814	256	483471	5807452	59.986	2.657
20	.00062	.00310	96558	299	482065	5323981	55.138	2.574
25	.00076	.00379	96259	365	480418	4841916	50.301	2.596
30	.00099	.00494	95894	474	478343	4361499	45.483	2.621
35	.00137	.00683	95420	652	475569	3883156	40.695	2.648
40	.00204	.01015	94769	962	471614	3407586	35.957	2.681
45	.00334	.01657	93807	1555	465456	2935973	31.298	2.699
50	.00548	.02706	92252	2496	455510	2470516	26.780	2.696
55	.00905	.04432	89756	3978	439605	2015006	22.450	2.694
60	.01521	.07346	85778	6301	414278	1575402	18.366	2.681
65	.02518	.11895	79476	9454	375456	1161123	14.610	2.681
70	.04661	.21009	70022	14711	315616	785667	11.220	2.655
75	.08449	.34912	55311	19310	228552	470050	8.498	2.514
80	.11604	.44765	36001	16116	138882	241499	6.708	2.448
85	.19378	******	19885	19885	102616	102616	5.160	5.160

Israel Males (Jewish population) 1971–1973

AGE	M(X)	Q(X)	I(X)	D(X)	L(X)	T(X)	E(X)	A(X)
0	.02106	.02067	100000	2067	98144	7054832	70.548	0.102
1	.00075	.00299	97933	293	391026	6956688	71.035	1.591
5	.00049	.00245	97640	239	487602	6565662	67.244	2.500
10	.00042	.00210	97401	204	486494	6078060	62.403	2.500
15	.00085	.00424	97197	412	485042	5591567	57.528	2.719
20	.00121	.00603	96784	584	482473	5106524	52.762	2.518
25	.00094	.00469	96200	451	479875	4624052	48.067	2.501
30	.00123	.00613	95749	587	477356	4144176	43.281	2.632
35	.00179	.00891	95162	848	473831	3666820	38.532	2.665
40	.00277	.01376	94314	1298	468573	3192988	33.855	2.691
45	.00460	.02276	93016	2117	460207	2724415	29.290	2.698
50	.00750	.03686	90899	3351	446748	2264208	24.909	2.688
55	.01220	.05932	87549	5194	425697	1817460	20.759	2.681
60	.02016	.09627	82355	7928	393262	1391763	16.900	2.665
65	.03293	.15283	74427	11374	345413	998501	13.416	2.651
70	.05776	.25349	63052	15983	276717	653088	10.358	2.588
75	.08967	.36579	47069	17217	192007	376371	7.996	2.483
80	.13038	.48677	29852	14531	111451	184364	6.176	2.398
85	.21013	******	15321	15321	72913	72913	4.759	4.759

Israel Females (Jewish population) 1971–1973

AGE	M(X)	Q(X)	I(X)	D(X)	L(X)	T(X)	E(X)	A(X)
0	.01679	.01654	100000	1654	98511	7346108	73.461	0.100
1	.00065	.00260	98346	255	392745	7247597	73.695	1.497
5	.00037	.00185	98091	181	490000	6854852	69.883	2.500
10	.00028	.00140	97909	137	489205	6364852	65.008	2.500
15	.00041	.00205	97772	200	488386	5875647	60.095	2.620
20	.00050	.00250	97572	244	487272	5387262	55.213	2.582
25	.00061	.00305	97329	296	485933	4899990	50.345	2.607
30	.00084	.00419	97032	407	484198	4414056	45.491	2.632
35	.00116	.00578	96625	559	481824	3929859	40.671	2.668
40	.00190	.00946	96067	909	478243	3448035	35.892	2.701
45	.00310	.01539	95158	1465	472433	2969792	31.209	2.708
50	.00533	.02633	93693	2467	462815	2497359	26.655	2.709
55	.00892	.04370	91226	3987	446966	2034543	22.302	2.701
60	.01528	.07380	87240	6438	421339	1587578	18.198	2.692
65	.02613	.12322	80801	9956	381028	1166238	14.433	2.692
70	.04986	.22294	70845	15794	316777	785210	11.083	2.629
75	.07989	.33332	55051	18349	229681	468434	8.509	2.516
80	.11992	.45847	36701	16826	140314	238752	6.505	2.433
85	.20190	******	19875	19875	98438	98438	4.953	4.953

Life tables for the non-Jewish population of Israel were constructed for the period 1971-1973 based on the population census age-sex count of 20 May 1972 and registered vital events by age and sex for 1971, 1972 and 1973.

Sources of data

Both census and vital registration data are available from official Israeli publications.[53]

Evaluation of the data

Application of both the Brass and Preston methods show completeness of death registration, relative to the census, to be around 100 per cent for ages 1 and over. For ages under 1, the only external information available for evaluating mortality was a statistical evaluation survey undertaken by the Israel Central Bureau of Statistics in 1962-1963.[54]

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[53]For the census population by age and sex, see Israel, Central Bureau of Statistics, *Statistical Abstract of Israel 1972* (Jerusalem, 1972), p. 43, table II/16. Deaths by age and sex are available in Israel, Central Bureau of Statistics, *Vital Statistics 1972* (Jerusalem, 1974), p. 128, table 100; and *Vital Statistics 1973-1976* (Jerusalem, 1978), p. 131, table 99. For 1971 and 1972, the age distribution of deaths for the non-Jewish population of East Jerusalem was not available although total deaths, including East Jerusalem, were. Deaths by age and sex for these two years were estimated by assuming that the age distribution of deaths in East Jerusalem was the same as in other areas of Israel. Registered births by sex are available in Israel, Central Bureau of Statistics, *Statistical Abstract of Israel 1978* (Jerusalem, 1979), p. 90, table iii/19.

[54]U. O. Schmelz, "Infant and early childhood mortality among the non-Jewish population of Palestine and Israel", in *Late Fetal and Infant Deaths in Israel 1948-1972* (Jerusalem, Israel Central Bureau of Statistics, 1974), pp. 63-65.

Registered births which occurred between September 1962 and August 1963 were followed up via linkage with immunization reports and other administrative records and, when necessary, by home interviews. Matching infant deaths determined in this way with those recorded in the death registration system showed underreporting of about 10 per cent in the registration system. Since 1963, the quality of the infant death registration system is believed to have improved considerably because of various social, economic and administrative changes which have occurred, including the large increase in the proportion of non-Jewish births taking place in hospitals (over 90 per cent in 1972).[55] As a consequence, infant deaths were also accepted as accurately reported and no adjustments were made to the registered deaths.

Calculation of mortality rates

For ages 1 and over, central death rates were calculated from three-year averages of registered deaths in five-year age-sex groups (except for the four-year age-sex group 1-4) and the corresponding age-sex count from the census moved to mid period. Infant death rates were calculated from three-year averages of infant deaths and registered births.

Further adjustments to the life table

Because the death rates did not exhibit a fully smooth pattern from age to age, they were smoothed from ages 15 on by three-term moving averages through their logarithms.

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[55]See U. O. Schmelz, op cit.

Israel Males (Non–Jewish population) 1971–1973

AGE	M(X)	Q(X)	I(X)	D(X)	L(X)	T(X)	E(X)	A(X)
0	.04439	.04280	100000	4280	96429	6663536	66.635	0.166
1	.00204	.00812	95720	777	380956	6567107	68.607	1.524
5	.00080	.00399	94943	379	473767	6186152	65.157	2.500
10	.00063	.00315	94564	298	472075	5712385	60.408	2.500
15	.00120	.00598	94266	564	470036	5240310	55.591	2.704
20	.00170	.00847	93702	794	466598	4770274	50.909	2.589
25	.00187	.00931	92909	865	462434	4303676	46.322	2.562
30	.00233	.01159	92044	1067	457670	3841241	41.733	2.611
35	.00326	.01617	90977	1471	451392	3383572	37.192	2.626
40	.00440	.02177	89506	1949	442904	2932180	32.760	2.626
45	.00624	.03075	87557	2692	431431	2489276	28.430	2.640
50	.00915	.04479	84865	3801	415437	2057845	24.248	2.662
55	.01488	.07189	81064	5828	391661	1642408	20.261	2.656
60	.02248	.10669	75236	8027	357069	1250747	16.624	2.619
65	.03300	.15296	67209	10280	311533	893678	13.297	2.616
70	.05444	.24068	56929	13702	251681	582145	10.226	2.594
75	.08941	.36578	43227	15812	176845	330464	7.645	2.515
80	.14307	.52157	27416	14299	99946	153619	5.603	2.403
85	.24438	******	13116	13116	53673	53673	4.092	4.092

Israel Females (Non–Jewish population) 1971–1973

AGE	M(X)	Q(X)	I(X)	D(X)	L(X)	T(X)	E(X)	A(X)
0	.03544	.03441	100000	3441	97086	6988892	69.889	0.153
1	.00213	.00847	96559	818	384165	6891805	71.374	1.468
5	.00055	.00275	95741	263	478048	6507640	67.971	2.500
10	.00053	.00265	95478	253	476757	6029593	63.152	2.500
15	.00080	.00399	95225	380	475224	5552836	58.313	2.630
20	.00100	.00499	94845	473	473069	5077612	53.536	2.559
25	.00107	.00534	94372	504	470624	4604543	48.792	2.551
30	.00129	.00643	93868	604	467881	4133919	44.040	2.586
35	.00164	.00817	93264	762	464506	3666038	39.308	2.619
40	.00232	.01154	92502	1067	460018	3201532	34.610	2.665
45	.00370	.01834	91435	1677	453331	2741514	29.983	2.709
50	.00656	.03232	89758	2901	442170	2288183	25.493	2.718
55	.01127	.05491	86857	4769	423201	1846013	21.254	2.676
60	.01710	.08220	82087	6748	394576	1422812	17.333	2.649
65	.02738	.12868	75340	9695	354065	1028236	13.648	2.665
70	.04973	.22256	65645	14610	293803	674171	10.270	2.644
75	.08983	.36800	51035	18781	209063	380367	7.453	2.545
80	.15134	.54400	32254	17546	115942	171304	5.311	2.417
85	.26567	******	14708	14708	55362	55362	3.764	3.764

Life tables for Kuwaiti nationals were constructed for the period 1974-1976 based on the population census age-sex count of 21 April 1975 and registered vital events for 1974, 1975 and 1976.

Sources of data

Both census and vital registration data are available from official Kuwaiti publications.[56]

Evaluation of the data

Application of both the Brass and Preston methods showed death registration to be approximately complete, relative to the census, for ages 5 and over. For ages under 5, the only external information available for evaluating mortality was the questions on children ever born and children surviving asked in the 1975 census[57] allowing application of Trussell regression equations to make indirect estimates of infant and childhood mortality. By using another series of equations developed by Trussell, the approximate reference date to which these estimates refer can be calculated. The following table presents a comparison of the indirect estimates of infant and childhood mortality with rates calculated directly from the civil registration system:

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[56]See Kuwait, Central Statistical Office, *Annual Statistical Abstract 1978* (Kuwait, 1978), pp. 33, 50 and 52, tables 30, 47 and 49.

[57]*Ibid.*, pp. 60-63, tables 56 and 57.

Infant mortality rates estimated from indirect techniques and from civil registration

Indirect techniques		Civil registration	
Reference date	Infant mortality rate	Reference date	Infant mortality rate
Year centred on:			
January 1974 .... 0.048-0.052		1973-1974	0.053
March 1972 .... 0.038-0.044		1971-1973	0.047
November 1969 .... 0.042-0.051		1969-1970	0.037

Sources: Indirect estimates of infant mortality were calculated from the 1975 census tabulations of children ever born and children surviving by duration of marriage. Estimated rates of child mortality were matched to West, North and South region Coale-Demeny model life tables to provide a range of estimates of infant mortality. Registered infant mortality rates were calculated from infant deaths during the given years and the corresponding birth cohorts.

The registered rates are quite similar to those indirectly estimated. We therefore accepted the data as reliable and no adjustments for incompleteness were made to the registered death rates at any age.

Calculation of mortality rates

For ages 1 and over, central death rates were calculated from three-year averages of registered deaths in five-year age-sex groups (except for the four-year age-sex group 1-4) and the corresponding age-sex count from the census moved to mid period. Infant death rates were calculated from three-year averages of infant deaths and registered births.

Further adjustments to the life table

For both males and females the age-specific death rates did not progress smoothly from age to age but instead showed irregularities due apparently to random variation or unbiased age mis-statement. From ages 15 on, therefore, the rates were smoothed by three-term moving averages through their logarithms.

Kuwait Males 1974–1976

AGE	M(X)	Q(X)	I(X)	D(X)	L(X)	T(X)	E(X)	A(X)
0	.05007	.04810	100000	4810	96060	6591772	65.918	0.181
1	.00265	.01053	95190	1002	378263	6495712	68.239	1.508
5	.00087	.00434	94188	409	469917	6117449	64.949	2.500
10	.00068	.00339	93779	318	468100	5647532	60.222	2.500
15	.00089	.00444	93461	415	466322	5179432	55.418	2.635
20	.00131	.00653	93046	608	463792	4713110	50.654	2.636
25	.00173	.00861	92438	796	460285	4249318	45.969	2.606
30	.00222	.01104	91642	1012	455776	3789033	41.346	2.595
35	.00279	.01386	90630	1256	450165	3333257	36.779	2.623
40	.00412	.02040	89374	1824	442637	2883092	32.259	2.679
45	.00685	.03371	87550	2951	430873	2440456	27.875	2.669
50	.00994	.04856	84599	4109	413334	2009583	23.754	2.649
55	.01544	.07448	80490	5995	388279	1596249	19.832	2.636
60	.02226	.10577	74495	7880	353981	1207970	16.215	2.653
65	.04014	.18315	66616	12201	303957	853989	12.820	2.613
70	.05724	.25098	54415	13657	238589	550032	10.108	2.548
75	.08962	.36622	40758	14927	166554	311443	7.641	2.505
80	.14391	.52320	25832	13515	93914	144889	5.609	2.392
85	.24161	******	12316	12316	50975	50975	4.139	4.139

Kuwait Females 1974–1976

AGE	M(X)	Q(X)	I(X)	D(X)	L(X)	T(X)	E(X)	A(X)
0	.04329	.04180	100000	4180	96553	7032185	70.322	0.175
1	.00281	.01116	95820	1069	380560	6935632	72.382	1.456
5	.00070	.00349	94751	331	472927	6555072	69.182	2.500
10	.00037	.00185	94420	175	471663	6082145	64.416	2.500
15	.00043	.00215	94245	202	470749	5610483	59.531	2.641
20	.00073	.00364	94043	343	469417	5139734	54.653	2.672
25	.00099	.00494	93700	463	467401	4670317	49.843	2.623
30	.00133	.00663	93237	618	464709	4202916	45.078	2.609
35	.00169	.00842	92619	779	461237	3738207	40.361	2.614
40	.00234	.01164	91840	1069	456710	3276970	35.681	2.671
45	.00393	.01947	90771	1768	449752	2820260	31.070	2.678
50	.00572	.02823	89004	2512	439208	2370508	26.634	2.687
55	.01023	.04996	86491	4321	422410	1931299	22.329	2.675
60	.01467	.07093	82170	5828	397269	1508890	18.363	2.670
65	.02674	.12581	76342	9605	359186	1111620	14.561	2.655
70	.04029	.18384	66738	12269	304523	752434	11.275	2.623
75	.07218	.30758	54468	16754	232109	447911	8.223	2.599
80	.13310	.49793	37715	18779	141093	215802	5.722	2.472
85	.25345	******	18935	18935	74709	74709	3.946	3.946

Life tables for Matlab were calculated for 1974 and 1976 based on data from the Demographic Surveillance System (DSS) in the rural area of Matlab-Thana, Bangladesh. The DSS consists of periodic censuses with intervening registration of vital events, including births, deaths and migrations.[58] At the census of 1974 the total population of the surveillance area was 263,507.[59]

Sources of data and calculation of death rates

Age-specific death rates were calculated from recorded deaths by age and sex for 1974 and 1976, and the 1975 mid year population by age and sex.[60] Owing to the food shortage following the 1974 flood, both the absolute number and age-sex distribution of deaths in 1975 were severely affected and differed considerably from those of the preceding and following years. Therefore the 1975 death data were excluded from the calculation of the death rates.

For ages 1 and over, central death rates were calculated from the average of 1974 and 1976 registered deaths and the 1975 population by age and sex. Infant deaths were calculated from monthly figures of infant deaths by age and sex for 1974 and 1976.[61]

[58]A detailed description of the DSS is given in Cholera Research Laboratory, *Demographic Surveillance System—Matlab*, vol. 1, *Methods and Procedures*, Scientific Report No. 9 (Dacca, 1978).

[59]*Ibid.*, vol. 2, *Census 1974*, Scientific Report No. 10 (Dacca, 1978), p. 2, table 1.

[60]*Ibid.*, vol. 4, *Vital Events and Migration 1975*, Scientific Report No. 12 (Dacca, 1978), table 2.

[61]*Ibid.*, vol. 3, *Vital Events and Migration 1974*, Scientific Report No. 11 (Dacca, 1978), pp. 8, 29 and 33, tables 6, C.1, C.2 and C.5; and vol. 5, *Vital Events, Migration, and Marriages 1976*, Scientific Report No. 13 (Dacca, 1978), pp. 7, 35-36 and 40, tables 7, C.1, C.2 and C.5.

Evaluation of the mortality data

Because Matlab is a small area which has experienced significant migration, both in and out, as well as unusual disturbances to its demographic structure from the recent floods and food shortage, demographic techniques, especially those based on assumptions of stability, cannot be relied upon to evaluate accurately the quality of the death registration system. However, the careful procedures used in collecting the data make it likely that a high degree of completeness is obtained in the registration of births and deaths.

Households are visited daily (except during the monsoon season when visits take place every two or three days) by female workers who inquire about births, deaths and other demographic events. Field assistants visit each household monthly to verify the accuracy of this first registration. Further checks are undertaken by senior field assistants who visit households at least quarterly and by field surveillance assistants who make random field visits.[62] We have assumed the data are relatively reliable and made no adjustments for incompleteness.

Adjustments to the life tables

Owing to random variation and age mis-statement, male and female mortality rates showed considerable irregularities from age to age. Therefore, for both males and females, mortality rates for ages 15-69 were smoothed by three-term moving averages through their logarithms. In addition, male mortality rates were graphically adjusted for ages 60-69 and female mortality rates for ages 55-69 to account for the additional disturbances that still appeared after the smoothing.

For both males and females, five-year age-specific mortality rates were available only through age-group 65-69. Mortality rates for ages 70-74, 75-79 and 80-84 were therefore estimated by fitting a Makeham curve through the $q_x/1-q_x$ function for ages 40-44, 45-49, ..., 65-69 and extrapolating the rates to ages 70-74, 75-79 and 80-84.

[62]*Ibid.*, vol. 1, *Methods and Procedures*, Scientific Report No. 9 (Dacca, 1978), pp. 7-8.

Matlab Males 1974 and 1976

AGE	M(X)	Q(X)	I(X)	D(X)	L(X)	T(X)	E(X)	A(X)
0	.12992	.11952	100000	11952	91992	5263632	52.636	0.330
1	.02093	.07934	88048	6986	333694	5171640	58.737	1.352
5	.00480	.02372	81062	1923	400504	4837946	59.682	2.500
10	.00115	.00573	79139	453	394564	4437442	56.071	2.500
15	.00126	.00628	78686	494	392224	4042878	51.380	2.560
20	.00155	.00772	78192	604	389531	3650654	46.688	2.634
25	.00243	.01208	77588	937	385747	3261123	42.031	2.659
30	.00340	.01687	76651	1293	380216	2875377	37.513	2.650
35	.00517	.02554	75358	1925	372249	2495160	33.111	2.641
40	.00704	.03462	73433	2542	361147	2122912	28.909	2.632
45	.01047	.05109	70891	3622	345924	1761765	24.852	2.645
50	.01565	.07544	67269	5075	324342	1415841	21.047	2.635
55	.02337	.11069	62194	6884	294568	1091499	17.550	2.617
60	.03471	.16014	55310	8857	255205	796930	14.408	2.590
65	.05097	.22656	46453	10524	206484	541725	11.662	2.550
70	.07361	.31074	35928	11164	151677	335242	9.331	2.495
75	.10396	.40992	24764	10151	97646	183565	7.413	2.422
80	.14289	.51772	14613	7565	52944	85919	5.880	2.341
85	.21372	******	7047	7047	32975	32975	4.679	4.679

Matlab Females 1974 and 1976

AGE	M(X)	Q(X)	I(X)	D(X)	L(X)	T(X)	E(X)	A(X)
0	.12414	.11487	100000	11487	92533	5276141	52.761	0.350
1	.02120	.08032	88513	7109	335290	5183608	58.563	1.361
5	.00639	.03145	81404	2560	400618	4848318	59.559	2.500
10	.00166	.00827	78843	652	392587	4447700	56.412	2.500
15	.00246	.01223	78191	956	388673	4055112	51.861	2.611
20	.00290	.01440	77235	1112	383450	3666440	47.471	2.549
25	.00320	.01587	76123	1208	377632	3282990	43.127	2.531
30	.00347	.01720	74915	1289	371429	2905358	38.782	2.559
35	.00439	.02172	73626	1599	364264	2533930	34.416	2.581
40	.00535	.02641	72027	1902	355585	2169666	30.123	2.608
45	.00777	.03815	70125	2675	344368	1814080	25.869	2.661
50	.01253	.06085	67450	4104	327687	1469713	21.790	2.670
55	.01994	.09525	63345	6034	302543	1142026	18.029	2.649
60	.03130	.14565	57312	8347	266683	839483	14.648	2.619
65	.04826	.21602	48964	10577	219172	572800	11.698	2.575
70	.07270	.30786	38387	11818	162547	353628	9.212	2.513
75	.10640	.41773	26569	11099	104315	191081	7.192	2.429
80	.15012	.53631	15470	8297	55268	86766	5.608	2.338
85	.22775	******	7173	7173	31498	31498	4.391	4.391

Life tables for Mexico were calculated for the 1969-1971 period based on the population census age-sex count of 28 January 1970 and registered vital events by age and sex for 1969, 1970 and 1971.

Sources of data

Both census and vital registration data are available from various issues of United Nations *Demographic Yearbook.*[63]

Evaluation of mortality data below age 5

Using the data gathered by the 1976 World Fertility Survey (WFS) in Mexico, life table probabilities of a child dying before ages 2 and 5 [$q(2)$ and $q(5)$] were calculated from tabulations of children ever born and children surviving by age of mother and by duration of union.[64] For male and female children combined, proportions of children still alive were converted into the previously mentioned life table probabilities of death, using Trussell's regression equations in the case of tabulation by duration of union, and Sullivan's regression equations for tabulation by age of mother. Trussell has developed another set of equations which provide the approximate reference date to which these estimates refer. In the case of Mexico there were only minimal differences between estimates based on duration of union tabulations and on age of mother tabulations. To minimize possible errors it was decided to take the average value of the estimates of $q(2)$ and the average of the estimates of $q(5)$ as the best representation of mortality probabilities below ages 2 and 5, respectively.

The estimate of $q(5)$ was matched with the value of $q(5)$ calculated from vital statistics for the corresponding reference period.[65] (The same exercise could not be repeated using $q(2)$ for no vital registration data were available for the reference year 1975). Using procedures similar to those for Peru, from this comparison we obtained for 1970 ranges of death completeness in age-group 0-1 relative to birth completeness, and death completeness in age-group 1-4 relative to completeness of the population at risk in the age interval.[66]

The results of the calculations produced the following ranges of completeness (relative to population at risk):[67]

Age-group	Range of completeness
0-1	0.74-0.86
1-4	0.86-1.24

Pregnancy history data from the WFS provided independent evidence of completeness of death registration. The probability of dying before age 1 calculated from births and deaths reported during the period 1972-1973 is about 0.0717.[68] The same probability calculated directly from registered births and deaths is about 0.0572. Thus, the estimated completeness of infant deaths (relative to births) is about 0.80, in the middle of the range estimated from the children ever born/children surviving tabulations. If we accept the value of $q(5)$ estimated earlier, we can calculate completeness of death registration (relative to population at risk) for the interval 1-4 by assuming that the value of completeness in the interval 0-1 (i.e., 0.80) applies to a period of five years or so (1970 to 1975). An easy calculation shows that such value is 0.90, again within the range estimated from the survivorship statistics.

Utilizing the children ever born/children surviving technique for males and females separately, we can calculate the probability of dying before age 5 for each sex. A comparison of these estimates with those obtained from vital statistics yields the following ranges of completeness:

Age-group	Males	Females
0-1	0.74-0.84	0.72-0.84
1-4	0.84-1.24	0.84-1.20

As these estimates of completeness show no evidence of differential death registration by sex, we assumed males and females had identical levels of completeness, 80 per cent complete in age-group 0-1 and 90 per cent complete in age-group 1-4.

The following are the corrected values of $_1q_0$ and $_4q_1$ for 1970:

	$_1q_0$	$_4q_1$	$_5q_0$
Males	0.0886	0.0379	0.1231
Females	0.0746	0.0390	0.1107

Evaluation of mortality data for ages 5 and over

Estimation of adult death completeness is somewhat hindered in Mexico since its population is, and has been, affected by migration. Thus, one of the conditions required for the application of the Preston method does not hold. However, the results obtained are internally consistent and confirmed by other sources. Application of the Preston method showed death registration around 1970 to be approximately 100 per cent complete, relative to the census, for both males and females. The United States Bureau of the Census has estimated death registration to be nearly 99 per cent complete for ages 1 and over in 1970.[69] Hence, death rates for ages 5 and over were accepted as accurate without any adjustment for incompleteness of registration.

Calculation of mortality rates

For ages 5 and over, central death rates were calculated from three-year averages of registered deaths in five-year age-sex groups and the corresponding age-sex count from the census moved to mid period. For ages under 5, mortality rates were estimated as previously described.

Further adjustments to the life table

Because the age-specific death rates did not progress completely smoothly from age to age but, rather, showed some irregularities, the death rates were smoothed, beginning with ages 20-24 for males and females, by three-term moving averages through their logarithms.

[63]Population by age and sex can be found in *Demographic Yearbook, 1972* (United Nations publication, Sales No. E/F.73.XIII.1), pp. 146, 147, table 6. Registered births and deaths are from *Demographic Yearbook, 1974* (United Nations publication, Sales No. E/F. 75.XIII.1), pp. 558-559, table 25; and *Demographic Yearbook, 1975* (United Nations publication, Sales No. E/F.76.XIII.1), pp. 442-443, table 20.

[64]The requisite tabulations appear in Mexico, Dirección General de Estadística, *Encuesta Mexicana de Fecundidad* (Mexico, D.F., 1979), vol. 2, pp. 191-193, 275 and 276, tables 2.2.1B, 2.2.2B, 2.3.1B and 2.3.2B.

[65]The distribution of deaths in the interval 1-4 required for these calculations was taken from vital statistics corresponding to 1970. Minor variations in the distribution of deaths do not change the results significantly.

[66]The population at risk in the age interval 1-4 was estimated from registered births and deaths during the previous five years.

[67]These ranges may be taken quite appropriately as ranges of death completeness since birth registration seems to be virtually complete except for transitory irregularities during the period 1973-1975.

[68]See Mexico, Dirección General de Estadística, *Encuesta Mexicana de Fecundidad* (Mexico, D.F., 1979), vol. L, p. 174, table VII.18.

[69]United States Bureau of the Census, *Country Demographic Profiles: Mexico,* by P. M. Rowe (Washington, D.C., 1979), p. 23.

Mexico Males 1969–1971

AGE	M(X)	Q(X)	I(X)	D(X)	L(X)	T(X)	E(X)	A(X)
0	.09448	.08860	100000	8860	93774	5877722	58.777	0.297
1	.00972	.03792	91140	3456	355528	5783948	63.462	1.386
5	.00200	.00995	87685	872	436242	5428420	61.909	2.500
10	.00130	.00648	86812	562	432654	4992179	57.506	2.500
15	.00200	.00995	86250	859	429275	4559524	52.864	2.702
20	.00350	.01736	85391	1482	423453	4130249	48.369	2.637
25	.00400	.01981	83909	1662	415493	3706796	44.176	2.562
30	.00490	.02421	82247	1991	406418	3291303	40.017	2.581
35	.00620	.03054	80256	2451	395349	2884885	35.946	2.581
40	.00770	.03780	77804	2941	381904	2489536	31.997	2.579
45	.00980	.04787	74864	3584	365677	2107633	28.153	2.589
50	.01300	.06303	71280	4493	345600	1741955	24.438	2.596
55	.01770	.08489	66787	5670	320312	1396355	20.907	2.597
60	.02470	.11656	61118	7124	288412	1076043	17.606	2.589
65	.03470	.16002	53994	8640	248993	787632	14.587	2.572
70	.04940	.22029	45354	9991	202243	538639	11.876	2.545
75	.07060	.30007	35363	10612	150305	336396	9.513	2.502
80	.10090	.40089	24752	9923	98342	186091	7.518	2.439
85	.16899	******	14829	14829	87749	87749	5.917	5.917

Mexico Females 1969–1971

AGE	M(X)	Q(X)	I(X)	D(X)	L(X)	T(X)	E(X)	A(X)
0	.07887	.07460	100000	7460	94583	6293421	62.934	0.274
1	.01000	.03899	92540	3608	360790	6198838	66.985	1.403
5	.00190	.00946	88932	841	442560	5838048	65.646	2.500
10	.00100	.00499	88092	439	439359	5395489	61.249	2.500
15	.00140	.00698	87652	612	436818	4956129	56.543	2.641
20	.00200	.00995	87041	866	433152	4519311	51.922	2.633
25	.00270	.01341	86174	1156	428110	4086159	47.417	2.611
30	.00350	.01735	85018	1475	421543	3658049	43.027	2.594
35	.00440	.02177	83543	1819	413309	3236506	38.741	2.577
40	.00530	.02616	81724	2138	403440	2823197	34.545	2.577
45	.00670	.03297	79586	2624	391630	2419757	30.404	2.599
50	.00910	.04454	76962	3428	376662	2028127	26.352	2.622
55	.01320	.06400	73535	4706	356531	1651465	22.458	2.632
60	.01960	.09364	68828	6445	328837	1294934	18.814	2.625
65	.02930	.13690	62383	8540	291467	966098	15.486	2.606
70	.04360	.19713	53843	10614	243448	674630	12.530	2.572
75	.06410	.27665	43229	11959	186569	431183	9.974	2.527
80	.09420	.38019	31270	11888	126203	244613	7.823	2.464
85	.16368	******	19382	19382	118410	118410	6.109	6.109

Life tables for Peru were calculated for the period 1968-1971 based on the population age-sex distribution of 1 January 1970 (estimated from the census of 4 June 1972) and registered vital events for 1968, 1970 and 1971 by age and sex. Registration data were adjusted for incompleteness.

Sources of data

The latest figures of registered deaths by age and sex were for 1968, 1970 and 1971. However, the population census was taken on 4 June 1972. In order to have a base population corresponding approximately to the mid point of the available vital registration data, we estimated the population by age and sex for 1 January 1970 by assuming a 3 per cent population growth rate and a constant age-sex distribution between 1 January 1970 and the census date. The vital registration data were available from the United Nations. The census population age-sex count appears in official census volumes.[70]

Evaluation and adjustment of mortality data over age 5

In order to estimate completeness of death registration at ages above 5, the methods devised by Brass and Preston were applied. Both produced almost identical results and showed little variability according to selection of the initial age-group. The final values for completeness were 0.72 for males and 0.75 for females. Death rates above age 5 were therefore adjusted by these estimates of completeness.

Evaluation and adjustment of mortality data under age 5

External information available for evaluating mortality under age 5 included the questions on children ever born and children surviving asked in the 1974-1976 National Demographic Survey (EDENP) and in the 1972 population census.[71] Trussell regression equations were applied separately to both sets of data producing estimates of $q(2)$, $q(3)$ and $q(5)$, the probabilities of a child dying before ages 2, 3 and 5.

EDENP also presents death rates by age based on number of reported deaths during the time period of the survey.[72] These rates yield values of $q(i)$ which can be compared with those obtained from the retrospective children ever born and children surviving questions. The following table summarizes the probabilities of dying before ages 1, 2, 3 and 5 as estimated from the children ever born and children surviving questions from the census and from EDENP (designated Retro EDENP), and from the actual deaths recorded during the survey period (Prosp EDENP).

Probability of dying before age i [q(i)] as estimated from:

Age i	Prosp EDENP	Retro EDENP	Census
1	0.1213	—	—
2	0.1613	0.1436	0.1749
3	0.1749	0.1505	0.1856
5	0.1844	0.1670	0.2058

Considering that the Retro EDENP estimates refer to some years before the time of the survey whereas the Prosp EDENP estimates refer

to 1974-1976, an inconsistency clearly emerges: either the former are too low or the latter are too high. It is very unlikely that a prospective survey will overcount deaths although it is possible that the exposure time may be underestimated, thus slightly inflating the death rates. Comparing the census and Retro EDENP estimates, and remembering that the difference in periods between which the estimates apply is around three years, the mortality change implied by census and Retro EDENP is exceedingly fast. Apparently there is an underestimation of mortality in Retro EDENP. The Retro EDENP estimates were therefore discarded and the retrospective questions in the census were used to obtain estimates of completeness of death registration in the age intervals 0-1 and 1-4.

When reliable retrospective estimates of early-age mortality are available, completeness of death registration in the two age-groups 0-1 and 1-4 can be estimated through the following relationships:

$$ln\,[p(2)] = \frac{ln\,(_1p_0)}{KC\,(1\text{-}4)} + \frac{ln\,(_1p_1)}{C\,(1\text{-}4)} \qquad (1)$$

$$ln\,[p(5)] = \frac{ln\,(_1p_0)}{KC\,(1\text{-}4)} + \frac{ln\,(_4p_1)}{C\,(1\text{-}4)} \qquad (2)$$

where $p(2)$ and $p(5)$ are, respectively, the census retrospective estimates of the probabilities of surviving up to ages 2 and 5; $_1p_1$ and $_4p_1$ are the probabilities of dying between ages 0-1, 1-2 and 1-4, respectively, calculated from registration data; $C(1\text{-}4)$ is completeness of death registration in age-group 1-4; and $KC(1\text{-}4)$ is completeness in age-group 0-1.[73] The figures in equation (1) refer to 1971; those in equation (2) to 1965.[74]

Without *a priori* knowledge of the value of K, we decided to solve equations (1) and (2) simultaneously for $C(1\text{-}4)$ and K. The completeness values that are thus derived as well as the implied mortality rates for 1970 are presented in the following table. For comparison, recorded rates from Prosp EDENP are also shown.

Age-group	Death registration completeness	Mortality rate ($_nq_x$) estimated from:	
		Equations (1) and (2) 1970	Prosp EDENP 1974-1976
0-1	0.44	0.1408	0.1213
1-5	0.70	0.0624	0.0718

Our estimate of $_4q_1$ for 1970 is clearly too low relative to the recorded rate from Prosp EDENP, likely due to an initial underestimate of $q(5)$ from the retrospective data. The completeness estimate for the first age-group appears very reasonable however. This is because the value of $KC(1\text{-}4)$, completeness in age-group 0-1, is very robust to changes in K.[75] In fact, as K ranges from 0.3 to 1.0, values of completeness of death registration for ages under 1 range only from 0.38 to 0.52.[76] Our completeness estimate of 0.44 is nearly at the mid point of this range and we accept it as reliable in the absence of additional information.

[70]For the census population by age and sex, see República del Perú, Oficina Nacional de Estadística y Censos, *Censos Nacionales, VII de Población y II de Vivienda* (Lima, 1974), vol. 1, pp. 1-2, table 1. Registered deaths by age and sex can be found in *Demographic Yearbook, 1974* (United Nations publication, Sales No. E/F.75.XIII.1), pp. 568-569, table 25; and *Demographic Yearbook, 1975* (United Nations publication, Sales No. E/F.76.XIII.1), pp. 332-333, table 13. Registered births by sex are available in *Demographic Yearbook, 1975*, pp. 446-447, table 20.

[71]República del Perú, Instituto Nacional de Estadística, *Encuesta Demográfica Nacional del Perú, La Mortalidad en el Perú: Diferenciales, Niveles y Aspectos Metodologicos para su Medición (1970-75)*, fascículo 2 (Lima, 1978), p. 79, table 1; and *Censos Nacionales, VII de Población y II de Vivienda*, pp. 317-321, table 13.

[72]República del Perú, Instituto Nacional de Estadística, *Encuesta Demográfica Nacional del Perú*.

[73]Solution of these equations for K and $C(1\text{-}4)$ requires the assumption that death registration in age-group 1-2 is identical to that in age-group 2-5. It is also necessary to assume that completeness has been more or less constant during the 1965-1971 period. Tabulated registered deaths by single years for age-group 1-4 was unavailable for Honduras. We therefore assumed that the percentage distribution of deaths in age-group 1-4 as recorded in Prosp EDENP was applicable to the registration data for the necessary years. Small departures from the actual distribution of deaths affect the completeness estimates only slightly. Since we did not correct birth registration, resulting values for $C(1\text{-}4)$ and $KC(1\text{-}4)$ (equivalent to completeness in the interval 0-1) are estimates of completeness of deaths registration relative to completeness of births.

[74]These reference dates are estimated from regression equations developed by Trussell which relate average parity of women in the first three age-groups to the reference dates of the various retrospective mortality estimates.

[75]The estimate of $C(1\text{-}4)$ itself, however, is very sensitive to alternative values of K. The differential sensitivity of completeness in age-groups 0-1 and 1-4 arises from the fact that most of the deaths that occur before age 2 or 5 take place before the first birthday.

[76]Experience has shown that values of K outside the interval (0.3, 1.0) are unlikely.

Although the estimated values of $_nq_x$ from Prosp EDENP may contain errors, we may still be able to accept the resulting pattern of mortality under age 5, that is, the relation between the recorded values of $_1q_0$ and $_4q_1$.[77] Therefore we assumed that the ratio $_1q_0/_4q_1$ applied to the year 1970 as well as to 1974-1976 and multiplied this ratio by the corrected value of $_1q_0$ for 1970 to obtain an estimate of $_4q_1$.

Proceeding in this way, and assuming similar underregistration of deaths for both males and females, we obtain the following final life table estimates of mortality under age 5:

Age-group	Death registration completeness	Mortality rate $(_nq_x)$ Both sexes	Males	Females
0-1	44%	0.1408	0.1496	0.0821
1-4	51%	0.0833	0.1316	0.0846

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[77]It is very likely that, despite the efforts put into Prosp EDENP, some deaths in age-groups 0-1 and 1-4 may have gone undetected. On the other hand, in such multiround surveys omissions at these age-groups may very well be invariable with age, leaving the age pattern of mortality unaffected.

Calculation of mortality rates

For ages 5 and over, central death rates were calculated from three-year averages of the adjusted deaths in five-year age-sex groups and the corresponding estimated population by age and sex. Death rates under age 5 were calculated as described in the notes for Chile.

Further adjustments to the life table

For both males and females, five-year age-specific mortality rates were available only through age-group 70-74. Mortality rates for ages 75-79 and 80-84 were therefore estimated by fitting a Makeham curve through the $q_x/(1-q_x)$ function for ages 45-49, 50-54, ... 70-74 in the case of males and for ages 60-64, 65-69 and 70-74 in the case of females and extrapolating the rates to ages 75-79 and 80-84.

Peru Males 1969–1971

AGE	M(X)	Q(X)	I(X)	D(X)	L(X)	T(X)	E(X)	A(X)
0	.16627	.14960	100000	14960	89977	5334698	53.347	0.330
1	.02170	.08210	85040	6982	321672	5244722	61.674	1.352
5	.00230	.01143	78058	892	388061	4923049	63.069	2.500
10	.00150	.00747	77166	576	384389	4534989	58.769	2.500
15	.00210	.01045	76590	800	381059	4150600	54.193	2.640
20	.00300	.01489	75789	1129	376231	3769541	49.737	2.594
25	.00340	.01686	74661	1259	370230	3393310	45.450	2.558
30	.00410	.02030	73402	1490	363398	3023080	41.185	2.576
35	.00510	.02519	71912	1811	355191	2659682	36.985	2.589
40	.00660	.03248	70100	2277	345021	2304491	32.874	2.593
45	.00850	.04165	67824	2825	332312	1959470	28.891	2.591
50	.01110	.05406	64999	3514	316572	1627159	25.034	2.603
55	.01560	.07521	61485	4624	296440	1310587	21.316	2.625
60	.02360	.11171	56861	6352	269138	1014146	17.836	2.613
65	.03390	.15665	50509	7912	233405	745008	14.750	2.581
70	.04890	.21834	42597	9301	190195	511603	12.010	2.550
75	.07021	.29865	33296	9944	141623	321409	9.653	2.500
80	.09882	.39437	23352	9209	93191	179785	7.699	2.441
85	.16332	******	14143	14143	86594	86594	6.123	6.123

Peru Females 1969–1971

AGE	M(X)	Q(X)	I(X)	D(X)	L(X)	T(X)	E(X)	A(X)
0	.14391	.13160	100000	13160	91446	5734684	57.347	0.350
1	.02240	.08460	86840	7347	327972	5643238	64.984	1.361
5	.00190	.00946	79493	752	395587	5315266	66.864	2.500
10	.00120	.00598	78741	471	392529	4919680	62.479	2.500
15	.00190	.00946	78270	740	389618	4527150	57.840	2.657
20	.00260	.01292	77530	1002	385249	4137533	53.367	2.603
25	.00320	.01588	76528	1215	379704	3752283	49.031	2.583
30	.00400	.01981	75313	1492	372955	3372579	44.781	2.580
35	.00490	.02421	73821	1787	364745	2999623	40.634	2.560
40	.00560	.02762	72034	1990	355283	2634879	36.578	2.544
45	.00640	.03151	70044	2207	344827	2279596	32.545	2.556
50	.00780	.03828	67837	2597	332930	1934769	28.521	2.591
55	.01070	.05218	65240	3404	318143	1601839	24.553	2.633
60	.01640	.07894	61836	4881	297641	1283697	20.760	2.636
65	.02420	.11439	56955	6515	269214	986056	17.313	2.612
70	.03570	.16435	50440	8290	232188	716842	14.212	2.586
75	.05227	.23166	42150	9764	186796	484654	11.498	2.547
80	.07538	.31710	32386	10269	136240	297859	9.197	2.499
85	.13684	******	22116	22116	161619	161619	7.308	7.308

Life tables for the Philippines were calculated for the period 1969-1971 based on the population census age-sex count of 6 May 1970 and registered vital events during the 1969-1971 period by age and sex. Registration data were adjusted for incompleteness.

Sources of data

Census and vital registration data are available from various issues of the United Nations *Demographic Yearbook*.[78]

Evaluation and adjustment of data

Since completeness of death registration is estimated relative to the census count, population census data was not adjusted for ages 1 and over. Mortality rates under age 1 are based solely on registration data.

Registered deaths were adjusted separately for ages 1 and over and under age 1. For ages over 1 completeness was estimated by the Preston method. The estimates of completeness (relative to the census count) from this method—75 per cent complete for males and 71 per cent complete for females—were consistent with the results from the 1964 national sample survey to study completeness of the birth and death registration systems. This survey provided an estimate of death registration completeness for all ages combined (including deaths of those under age 5) of 70 per cent in 1963.[79] There is no evidence of significant improvement in registration since 1963.

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[78]Population by age and sex is from *Demographic Yearbook, 1974* (United Nations publication, Sales No. E/F.75.XIII.1), pp. 204-205, table 7. Registered deaths by age and sex are from *ibid.*, pp. 578-579, table 25. Live births by sex are given in *Demographic Yearbook, 1975* (United Nations publication, Sales No. E/F.76.XIII.1), pp. 450-451, table 20.

[79]D. M. Mortel "Causes of non-registration of vital events in the Philippines, 1973" in Republic of the Philippines, National Census and Statistics Office, *Seminar on Development and Maintenance of a Sample Vital Registration System in the Philippines* (Manila, 1975), p. 78, table 4.

For ages under 1, the registered infant mortality rate for the 1968-1972 period of 65.5 infant deaths per 1,000 births (72.7 for males and 57.6 for females) is in agreement with indirect estimates from the 1973 National Demographic Survey obtained by application of the Brass infant and childhood mortality technique to the tabulation of proportion of children still living by broad age-group of woman.[80] This technique estimated that around 1971 7.1 per cent of all children died before age 2, corresponding to an infant mortality rate of around 60-65 per 1,000 live births. Assuming the approximate accuracy of the indirect estimate, the implication is that infant deaths and births must be approximately equally registered. Further evidence supports that this may very well be true. The 1964 survey demonstrated that death registration for all ages combined was at a higher level than birth registration (70 per cent to 60 per cent) and in the sample registration areas of the Philippines Sample Vital Registration Project in 1972-1973 both births and infant deaths were equally well registered.[81] Apparently, in the case of the Philippines, because of approximately equal registration of births and infant deaths, the registered infant mortality rates are close to the real values and hence acceptable estimates.

Calculation of mortality rates

For ages 1 and over, central death rates were calculated from three-year averages of the adjusted deaths in five-year age-sex groups (except for the four-year age-sex group 1-4) and the corresponding age-sex count moved to mid period at the preceding intercensal growth rate. Infant death rates were calculated from average infant deaths during the five-year period surrounding the census and births for the same period.

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[80]United Nations Economic and Social Commission for Asia and the Pacific, *Population of the Philippines*, Country Monograph Series No. 5 (Bangkok, 1978), p. 109, table 84.

[81]D. M. Mortel, loc. cit.

Philippines Males 1969–1971

AGE	M(X)	Q(X)	I(X)	D(X)	L(X)	T(X)	E(X)	A(X)
0	.07272	.06891	100000	6891	94767	5871310	58.713	0.241
1	.01083	.04215	93109	3925	362408	5776543	62.041	1.445
5	.00251	.01247	89184	1112	443138	5414136	60.708	2.500
10	.00144	.00717	88071	632	438777	4970998	56.443	2.500
15	.00213	.01060	87440	927	435062	4532220	51.833	2.696
20	.00376	.01864	86513	1612	428796	4097158	47.359	2.663
25	.00483	.02387	84901	2027	419581	3668362	43.208	2.571
30	.00556	.02743	82874	2273	408801	3248781	39.201	2.550
35	.00649	.03194	80601	2575	396727	2839979	35.235	2.561
40	.00797	.03909	78026	3050	382717	2443252	31.313	2.569
45	.00980	.04787	74976	3589	366213	2060535	27.483	2.585
50	.01321	.06403	71387	4571	346000	1694322	23.734	2.607
55	.01873	.08961	66817	5987	319653	1348322	20.179	2.590
60	.02453	.11586	60829	7047	287298	1028669	16.911	2.609
65	.04044	.18401	53782	9896	244720	741370	13.785	2.556
70	.04803	.21472	43886	9423	196193	496650	11.317	2.534
75	.07709	.32361	34462	11152	144666	300457	8.718	2.521
80	.11487	.44393	23310	10348	90084	155791	6.683	2.442
85	.19727	******	12962	12962	65707	65707	5.069	5.069

Philippines Females 1969–1971

AGE	M(X)	Q(X)	I(X)	D(X)	L(X)	T(X)	E(X)	A(X)
0	.05763	.05514	100000	5514	95674	6399236	63.992	0.215
1	.01007	.03927	94486	3710	368426	6303562	66.714	1.434
5	.00210	.01045	90776	948	451511	5935135	65.382	2.500
10	.00107	.00534	89828	479	447942	5483624	61.046	2.500
15	.00135	.00673	89349	601	445318	5035682	56.360	2.629
20	.00201	.01000	88748	888	441640	4590364	51.724	2.636
25	.00265	.01317	87860	1157	436532	4148724	47.220	2.608
30	.00346	.01716	86703	1488	429946	3712192	42.815	2.600
35	.00444	.02196	85215	1872	421556	3282247	38.517	2.584
40	.00542	.02675	83344	2229	411308	2860691	34.324	2.573
45	.00665	.03272	81114	2654	399160	2449383	30.197	2.584
50	.00868	.04252	78460	3336	384346	2050223	26.131	2.616
55	.01263	.06132	75124	4607	364734	1665877	22.175	2.637
60	.01900	.09094	70517	6413	337514	1301143	18.451	2.649
65	.03130	.14559	64105	9333	298173	963629	15.032	2.605
70	.04306	.19492	54772	10676	247941	665456	12.150	2.572
75	.06814	.29174	44095	12864	188795	417516	9.468	2.537
80	.10176	.40453	31231	12634	124155	228721	7.324	2.467
85	.17785	******	18597	18597	104566	104566	5.623	5.623

Sources of data

Life tables for the Republic of Korea for the 1971-1975 period were constructed from two sources: (a) five-year mortality rates ($_5q_x$) for ages 5 and over estimated by Coale, Cho and Goldman[82] from registered deaths (adjusted for incompleteness) and the 1970 and 1975 census age-sex counts; and (b) cross-tabulations of currently married women by duration of marriage, children ever born and children still living from the 1974 Korean National Fertility Survey (KNFS).[83]

Evaluation and adjustment of the data

For ages 5 and over, incompleteness of registered death rates was estimated by Coale, Cho and Goldman from comparison of registered rates by age and sex during the 1970-1975 intercensal period with the census population age-sex counts. The authors found death registration (above age 5) to be approximately 79 per cent complete for males and 69 per cent complete for females, without major differentials by age. Registered deaths above age 5 have been inflated by the reciprocal of these completeness estimates.

For ages under 5, mortality rates were estimated in the United Nations Population Division from the 1974 Korean National Fertility Survey using tabulations of currently married women by duration of marriage, number of children ever born and still living and sex of child. For male and female children separately, proportions of children still alive by duration of mother's marriage were converted into life table probabilities of death by Trussell regression equations and West region model life tables. Levels and trends of infant mortality estimated by this technique were very close to those estimated from the pregnancy history of the KNFS.

Independent estimates of the age pattern of mortality during the early ages were available from the October 1971 Korean Special Demographic Survey.[84] This survey, which queried households about deaths in the previous nine months, appears to have obtained quite accurate estimates of early-age mortality. The results substantiated both the level of mortality indicated by the children ever born/children surviving tabulations from the KNFS and the extremely close similarity between the Korean pattern of early-age mortality and that of West region:

	Death rates based on:			
	$_3q_0$ estimated from children ever born/children surviving tabulation from 1974 KNFS and West region model life tables		Reported deaths in the previous nine months from 1971 Special Demographic Survey	
Age-group	Males	Females	Males	Females
0-1	0.05611	0.04471	0.0527	0.0457
1-4	0.00397	0.00367	0.0036	0.0032
5-9	0.00133	0.00111	0.0015	0.0014

Rates based on $_3q_0$ were used for this comparison as they referred to early 1971, the same period as the Special Demographic Survey. However, for the 1971-1975 life table, estimates based on $_2q_0$ were used, these estimates referring to approximately the mid point of the 1971-1975 period. The infant and childhood mortality rates in the 1971-1975 life table, therefore, are those of the Coale and Demeny West region with the same level of $_2q_0$ as estimated from the KNFS.

[82] A. J. Coale, L. Cho and N. Goldman, *Estimation of Recent Trends in Fertility and Mortality in the Republic of Korea*, National Academy of Sciences (Washington, D.C., 1980), p. 27, table 8.

[83] National Bureau of Statistics of the Economic Planning Board and Korean Institute for Family Planning, *The Korean National Fertility Survey (WFS), First Country Report* (Seoul, 1974), pp. T250 and T296, tables 2.2.2B and 2.3.2B.

[84] United Nations Economic and Social Commission for Asia and the Pacific, *Population of the Republic of Korea*, Country Monograph Series No. 2 (Bangkok, 1975), p. 171, table 173.

Korea Males 1971–1975

AGE	M(X)	Q(X)	I(X)	D(X)	L(X)	T(X)	E(X)	A(X)
0	.04097	.03960	100000	3960	96659	5927160	59.272	0.156
1	.00230	.00915	96040	879	381993	5830501	60.709	1.534
5	.00213	.01060	95161	1009	473284	5448508	57.256	2.500
10	.00169	.00843	94153	794	468778	4975224	52.842	2.500
15	.00293	.01455	93359	1358	463578	4506445	48.270	2.632
20	.00329	.01630	92000	1500	456262	4042868	43.944	2.506
25	.00311	.01543	90501	1396	449044	3586606	39.631	2.522
30	.00377	.01868	89104	1664	441493	3137562	35.212	2.579
35	.00472	.02335	87440	2042	432378	2696070	30.833	2.638
40	.00767	.03769	85398	3219	419517	2263692	26.507	2.678
45	.01197	.05825	82180	4787	399760	1844175	22.441	2.673
50	.01988	.09493	77393	7347	369637	1444415	18.663	2.642
55	.02885	.13494	70046	9452	327637	1074777	15.344	2.610
60	.04495	.20263	60594	12278	273175	747140	12.330	2.573
65	.06432	.27735	48316	13400	208355	473965	9.810	2.521
70	.09444	.38086	34915	13298	140802	265611	7.607	2.460
75	.13659	.50308	21617	10875	79619	124808	5.774	2.382
80	.21040	.66452	10742	7138	33927	45189	4.207	2.229
85	.31999	******	3604	3604	11262	11262	3.125	3.125

Korea Females 1971–1975

AGE	M(X)	Q(X)	I(X)	D(X)	L(X)	T(X)	E(X)	A(X)
0	.03785	.03668	100000	3668	96919	6610542	66.105	0.160
1	.00271	.01077	96332	1037	382697	6513623	67.616	1.464
5	.00218	.01085	95295	1034	473888	6130926	64.337	2.500
10	.00164	.00817	94261	770	469378	5657038	60.015	2.500
15	.00225	.01120	93490	1047	464954	5187661	55.489	2.615
20	.00291	.01444	92443	1335	458960	4722706	51.088	2.560
25	.00310	.01536	91108	1399	452083	4263746	46.799	2.528
30	.00343	.01703	89709	1528	444775	3811663	42.489	2.532
35	.00374	.01855	88181	1636	436929	3366888	38.181	2.568
40	.00495	.02445	86546	2116	427665	2929959	33.855	2.607
45	.00659	.03242	84430	2737	415643	2502294	29.638	2.624
50	.00958	.04681	81692	3824	399371	2086651	25.543	2.623
55	.01306	.06334	77868	4932	377647	1687280	21.668	2.629
60	.02025	.09663	72936	7048	347960	1309634	17.956	2.628
65	.02950	.13779	65888	9079	307743	961673	14.596	2.610
70	.04613	.20756	56810	11791	255604	653930	11.511	2.588
75	.07131	.30337	45018	13657	191508	398326	8.848	2.541
80	.11459	.44341	31361	13906	121357	206818	6.595	2.451
85	.20425	******	17455	17455	85462	85462	4.896	4.896

Life tables for Singapore were calculated for the 1969-1971 period based on the population census count of 22 June 1970 and registered vital events by age and sex for 1969, 1970 and 1971.

Sources of data

Both census and vital registration data are from official Singapore publications.[85]

Evaluation of the data

Population census data were assumed to be complete and were not adjusted. Application of the Preston method showed death registration, relative to the census, to be complete for ages 5 and over. Questions on children ever born and children surviving were asked in the 1970 census and tabulated by age of mother[86] allowing application of the Brass technique to make indirect estimates of infant and childhood mortality

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[85]Population by age and sex are from Republic of Singapore, *Report on the Census of Population 1970, Singapore*, vol. 2 (Singapore, n.d.), pp. 6-9, table 6. Registered births and deaths are from Republic of Singapore, *Report on the Registration of Births and Deaths and Marriages 1969* (Singapore, 1970), pp. 36 and 55, tables 8 and 35; *Report on the Registration of Births and Deaths and Marriages 1970* (Singapore, n.d.), pp. 50 and 70, tables 8 and 35; *Report on Registration of Births and Deaths and Marriages 1971* (Singapore, n.d.), pp. 46 and 66, tables 8 and 35.

[86]Republic of Singapore, *Report on the Census of Population, 1970, . . .* , pp. 499 and 504, tables 234 and 239.

from calculated proportion of children not surviving by age of mother.[87] Comparison of these indirect estimates with mortality rates calculated directly from the vital registration data showed death registration also to be complete for ages under 5 (see following table):

	Probability of dying before age x as estimated from:	
Age x	Vital registration	Brass technique
2	0.02268	0.02126
5	0.02562	0.02396

As a result, no adjustments were made to the census or vital registration data.

Calculation of mortality rates

For ages 1 and over, central death rates were calculated from three-year averages of registered deaths in five-year age-sex groups (except for the four-year age-sex group 1-4) and the corresponding age-sex count from the census. Infant death rates were calculated from three-year averages of infant deaths and registered births.

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[87]Application of the Brass technique requires the data to be available in either five-year age-groups or in 10-year age-groups, 15-24, 25-34, ... However, data on children surviving for Singapore were available only for 10-year age-groups 10-19, 20-29, 30-39, ... Interpolation was therefore required before the Brass technique could be applied, to estimate proportions not surviving for the requisite 10-year age-groups.

Singapore Males 1969–1971

AGE	M(X)	Q(X)	I(X)	D(X)	L(X)	T(X)	E(X)	A(X)
0	.02311	.02264	100000	2264	97979	6591044	65.910	0.108
1	.00136	.00542	97736	530	389663	6493065	66.435	1.585
5	.00049	.00245	97206	238	485434	6103402	62.788	2.500
10	.00053	.00265	96968	257	484198	5617968	57.936	2.500
15	.00117	.00583	96711	564	482259	5133770	53.083	2.700
20	.00140	.00698	96147	671	479096	4651511	48.379	2.556
25	.00155	.00772	95476	737	475536	4172416	43.701	2.497
30	.00140	.00698	94739	661	472119	3696879	39.022	2.614
35	.00272	.01352	94078	1272	467505	3224760	34.277	2.731
40	.00435	.02153	92807	1998	459425	2757255	29.710	2.694
45	.00722	.03551	90808	3225	446666	2297830	25.304	2.713
50	.01301	.06315	87583	5531	425107	1851164	21.136	2.684
55	.01989	.09503	82053	7797	392031	1426057	17.380	2.662
60	.03451	.15953	74255	11846	343258	1034026	13.925	2.635
65	.05365	.23733	62409	14811	276076	690768	11.068	2.571
70	.08317	.34376	47598	16362	196730	414692	8.712	2.478
75	.11109	.43105	31236	13464	121200	217962	6.978	2.402
80	.15788	.55375	17772	9841	62333	96762	5.445	2.305
85	.23034	******	7931	7931	34429	34429	4.341	4.341

Singapore Females 1969–1971

AGE	M(X)	Q(X)	I(X)	D(X)	L(X)	T(X)	E(X)	A(X)
0	.01844	.01814	100000	1814	98375	7216728	72.167	0.104
1	.00124	.00494	98186	485	391527	7118353	72.499	1.494
5	.00049	.00245	97700	239	487905	6726825	68.852	2.500
10	.00031	.00155	97461	151	486930	6238921	64.014	2.500
15	.00052	.00260	97310	253	485960	5751991	59.110	2.656
20	.00066	.00329	97058	320	484529	5266031	54.257	2.624
25	.00095	.00474	96738	458	482599	4781502	49.427	2.621
30	.00119	.00593	96279	571	480038	4298903	44.650	2.620
35	.00171	.00852	95708	815	476647	3818865	39.901	2.675
40	.00281	.01396	94893	1325	471393	3342219	35.221	2.680
45	.00418	.02070	93569	1937	463333	2870826	30.682	2.672
50	.00668	.03289	91632	3014	451189	2407492	26.274	2.687
55	.01099	.05359	88618	4749	432097	1956303	22.076	2.685
60	.01814	.08700	83869	7297	402244	1524206	18.174	2.656
65	.02790	.13087	76572	10021	359174	1121961	14.652	2.636
70	.04608	.20740	66551	13803	299539	762788	11.462	2.593
75	.06923	.29598	52749	15613	225518	463249	8.782	2.552
80	.11795	.45339	37136	16837	142748	237732	6.402	2.450
85	.21371	******	20299	20299	94984	94984	4.679	4.679

Life tables for Sri Lanka were calculated for the periods 1945-1947, 1952-1954, 1962-1964 and 1970-1972 based on population census counts of 19 March 1946, 20 March 1953, 8 July 1963 and 9 October 1971 and registered vital events by age and sex for the indicated three-year periods. Registration data were adjusted for incompleteness.

Sources of data

Census and vital registration data are available from official Sri Lanka publications as well as from various issues of the United Nations *Demographic Yearbook*.[88]

Evaluation and adjustment of the data

As completeness of death registration for ages 5 and above is estimated relative to completeness of the census counts, no adjustment was made to the censuses for these ages. Mortality rates under age 5 are based solely on registration data.

Registered births are adjusted for underregistration according to the surveys on the completeness of birth and death registration conducted in 1953 and 1968.[89] The 1953 survey found birth registration to be 88.1 percent complete, the 1968 survey 98.7 percent in 1967. Completeness of birth registration is assumed to improve from 85 percent in 1946 to 88.1 percent in 1953 and then linearly to 98.7 percent in 1967 and thereafter.

Registered deaths were adjusted separately for ages 5 and over and under 5. For ages over 5 completeness was estimated by the Preston method. Estimates of completeness from this method for both sexes combined—87.6 percent in 1946, 90.5 percent in 1953, 94.7 percent in 1963 and 98.0 percent in 1971—were both internally consistent and consistent with results from the 1953 and 1967 surveys on the completeness of birth and death registration. The surveys provided estimates of death registration completeness for all ages combined (including deaths of those under age 5) of 88.6 percent in 1953 and 92.3 percent in 1967. Preston's method gave no clear evidence of a sex differential in completeness, and registration was therefore assumed to be equally complete for males and females.

For ages under 5, estimates of completeness of death registration can be derived from various sources. The 1967 survey on completeness of birth and death registration provided a separate estimate of completeness for infant deaths.[90] Registered death rates under age 1 can also be compared with those recorded in the pregnancy history of the Sri Lanka World Fertility Survey (WFS)[91] or with the indirect estimates obtained by application of Trussell regression equations to the tabulation of women by children ever born and children surviving (CEB/CS) and age of women (in the case of the 1971 census tabulation) or duration of marriage (as in the WFS).[92] In addition, levels of completeness under

age 5 for 1953 and 1967 can be calculated which are consistent with both the all-age completeness estimates from the surveys on completeness of birth and death rates and the adult mortality completeness estimates for the same years previously estimated by Preston's method. All these estimates of completeness are presented in the following table:

Age-group 0-1:

Period	Completeness	Source
1953	85-87%	Accepting estimate for all ages (88.6%) from 1953 survey on completeness of birth and death registration and Preston estimate for ages 5+ (90.5%).
1967	84.4%	1967 survey on completeness of birth and death registration.
1966-1967	81.0-90.0%	Trussell regression estimates based on children ever born and children surviving data from 1971 census and WFS.
1968	87.5%	Trussell regression estimates based on CEB/CS data from 1971 census.
1969-1970	81%	WFS pregnancy history.
1969-1970	96%	Trussell regression estimates based on CEB/CS data from 1971 census.
1971-1972	93%	Trussell regression estimates based on CEB/CS data from WFS.
1972-1973	89%	WFS pregnancy history.

Age-group 1-4:

Period	Completeness	Source
1953	88%	Accepting estimate for all ages from 1953 survey on completeness of birth and death registration, Preston estimate for ages 5+ and assuming infant death registration is 85% complete.
1967	84.4%	Accepting estimate for all ages and for infant deaths from 1967 survey on completeness of birth and death registration, and Preston estimate for ages 5+.
1970-1972	70.4-75.6%	Trussell regression estimates based on CEB/CS data from 1971 census and WFS.

For infant death registration, the estimates point to a completeness of about 85% until the mid to late 1960s with improved registration thereafter. We assumed that registration was 85% complete until 1967 and then improved linearly to 93% in 1971-1972 (the estimate based on CEB/CS data from the WFS). This trend followed well that delineated by the various estimates. For death registration in the 1-4 age-group, the 1953 and 1967 estimates showed levels of completeness similar to that for infants. The 1970-1972 estimates, however, gave completeness estimates less than those for both infants and adults, a surprising and very unlikely result. It was concluded on the basis of the 1953 and 1967 results that registration for the 1-4 age-group was equally complete as that for infants. Comparison of the Trussell regression results from the WFS by sex showed slightly better completeness of infant death registration among males (92 per cent) than among females (89 per cent) for the period around 1970. However, the differential was very small, and, as in the case of adult mortality, no differential was assumed for ages under 5. Therefore, registered death rates were adjusted for completeness by age as follows:

Period of life table	Completeness of registration by age (percentage):	
	0-5	5 and over
1945-1947	85	87.6
1952-1954	85	90.5
1962-1964	85	94.7
1970-1972	92.1	98.0

[88]Census populations by age and sex are available from United Nations Economic and Social Commission for Asia and the Pacific, *Population of Sri Lanka*, Country Monograph Series No. 4 (Bangkok, 1976), pp. 396-97, annex III, table 6. Deaths by age and sex are available from *Demographic Yearbook 1951* (United Nations publication, Sales No. 52.XIII.9), pp 246-47, table 16; *Demographic Yearbook 1957* (United Nations publication, Sales No. 58.XIII.1), pp. 250-53, table 10; Sri Lanka Department of Census and Statistics, *Life Tables 1970-72, Sri Lanka* (Colombo, 1978), pp. 4-5, table 3; and Statistical Office of the United Nations. Registered births by sex are given in United Nations Economic and Social Commission for Asia and the Pacific, *Population of Sri Lanka*, pp. 390-92, annex III, table 1.

[89]See Sri Lanka, Department of Census and Statistics, *Post Enumeration Survey, 1953* (Colombo, 1953), p. 18, table II; *Life Tables, Ceylon 1962-67* (Colombo, 1970), p. 33; and *A Study of the Extent of Underregistration of Births and Deaths in Ceylon* (Colombo, 1970), p. 17.

[90]Sri Lanka, Department of Census and Statistics, *Life Tables, Ceylon 1962-67* (Colombo, 1970), p. 33.

[91]Sri Lanka, Department of Census and Statistics, *World Fertility Survey, Sri Lanka 1975* (Colombo, 1978), p. 102, table 5.17.

[92]The 1971 census tabulations of children ever born and children surviving appear in Sri Lanka, Department of Census and Statistics, *Census of Population 1971, Preliminary Report* (Colombo, 1974), pp. 96-99, tables 21 and 22. The WFS tabulations appear in Sri Lanka, Department of Census and Statistics, *World Fertility Survey, Sri Lanka 1975*, pp. 265 and 332, tables 2.2.2B and 2.3.2B.

Calculation of mortality rates

For ages 5 and over central death rates were calculated from three-year averages of the adjusted deaths in five-year age-sex groups and the corresponding census age-sex count moved to mid period at the preceding intercensal growth rate. Infant death rates were calculated from average infant deaths during the three-year period and births for the same period. The death rate for age-group 1-4 was calculated from average deaths during the three-year period and a corresponding 1-4 year population derived from registered births and deaths (adjusted for underregistration) during the preceding years.

Further adjustments to the life table

The life tables for 1952-1954, 1962-1964 and 1970-1972 exhibited relatively smooth progression of death rates from age to age and no further adjustments were necessary. However, since deaths for 1945-1947 were only available in 10-year age-groups for ages 15 and on, further adjustment was necessary for the 1945-1947 life tables. Sprague multipliers were used to estimate deaths in five-year age-groups prior to the computation of the five-year death rates. Because of this implicit smoothing of the deaths (the numerator of the death rate) without a corresponding adjustment of the population base (the denominator) the resultant five-year rates exhibited a saw-toothed pattern (on semi-logarithmic paper). From ages 15 on, therefore, the rates were smoothed by three-term moving averages through their logarithms. As this did not always completely eliminate the saw-toothed pattern, the procedure was repeated a second time to estimate re-smoothed death rates for ages 20-75 for males and 25 to 45 for females.

Sri Lanka Males 1945–1947

AGE	M(X)	Q(X)	I(X)	D(X)	L(X)	T(X)	E(X)	A(X)
0	.14594	.13294	100000	13294	91093	4482322	44.823	0.330
1	.02481	.09312	86706	8074	325443	4391229	50.645	1.352
5	.00707	.03474	78632	2731	386330	4065787	51.707	2.500
10	.00345	.01710	75900	1298	376256	3679457	48.477	2.500
15	.00471	.02329	74602	1737	368861	3303200	44.278	2.611
20	.00617	.03040	72865	2215	358972	2934339	40.271	2.583
25	.00747	.03668	70650	2592	346940	2575368	36.452	2.565
30	.00909	.04446	68058	3026	332904	2228428	32.743	2.559
35	.01084	.05281	65032	3434	316804	1895524	29.147	2.566
40	.01393	.06737	61598	4150	297917	1578720	25.629	2.573
45	.01766	.08467	57448	4864	275431	1280802	22.295	2.572
50	.02349	.11109	52584	5842	248683	1005371	19.119	2.563
55	.03020	.14060	46742	6572	217621	756688	16.188	2.552
60	.04070	.18503	40170	7433	182619	539067	13.420	2.547
65	.05682	.24911	32738	8155	143531	356448	10.888	2.528
70	.08232	.34094	24582	8381	101810	212917	8.661	2.482
75	.11884	.45325	16201	7343	61791	111107	6.858	2.383
80	.15426	.54507	8858	4828	31300	49316	5.567	2.309
85	.22367	******	4030	4030	18017	18017	4.471	4.471

Sri Lanka Females 1945–1947

AGE	M(X)	Q(X)	I(X)	D(X)	L(X)	T(X)	E(X)	A(X)
0	.13230	.12182	100000	12182	92081	4307923	43.079	0.350
1	.02994	.11099	87818	9747	325548	4215842	48.007	1.361
5	.00816	.03998	78071	3122	382550	3890293	49.830	2.500
10	.00384	.01902	74949	1425	371182	3507744	46.802	2.500
15	.00648	.03192	73524	2347	362153	3136562	42.661	2.671
20	.00931	.04553	71177	3241	348095	2774409	38.979	2.596
25	.01129	.05493	67936	3732	330519	2426313	35.715	2.545
30	.01291	.06254	64205	4015	311019	2095795	32.642	2.508
35	.01338	.06473	60189	3896	291191	1784775	29.653	2.496
40	.01448	.06988	56293	3934	271660	1493584	26.532	2.507
45	.01599	.07691	52360	4027	251830	1221924	23.337	2.525
50	.01912	.09133	48333	4414	230879	970094	20.071	2.557
55	.02541	.11968	43918	5256	206847	739215	16.832	2.575
60	.03535	.16278	38663	6294	178035	532368	13.770	2.572
65	.05123	.22776	32369	7372	143904	354334	10.947	2.566
70	.08116	.33761	24997	8439	103982	210429	8.418	2.511
75	.12182	.46291	16558	7665	62918	106448	6.429	2.408
80	.17604	.59623	8893	5302	30120	43530	4.895	2.295
85	.26776	******	3591	3591	13410	13410	3.735	3.735

Sri Lanka Males 1952–1954

AGE	M(X)	Q(X)	I(X)	D(X)	L(X)	T(X)	E(X)	A(X)
0	.08858	.08328	100000	8328	94020	5836742	58.367	0.282
1	.01564	.06012	91672	5511	352370	5742722	62.644	1.402
5	.00346	.01715	86161	1478	427109	5390352	62.562	2.500
10	.00151	.00752	84683	637	421822	4963244	58.610	2.500
15	.00181	.00901	84046	757	418407	4541422	54.035	2.594
20	.00241	.01198	83289	998	414034	4123014	49.503	2.586
25	.00280	.01390	82291	1144	408654	3708980	45.072	2.553
30	.00320	.01588	81147	1288	402615	3300326	40.671	2.580
35	.00425	.02104	79858	1680	395256	2897711	36.286	2.598
40	.00535	.02641	78178	2065	385953	2502455	32.010	2.608
45	.00753	.03699	76113	2815	373874	2116502	27.807	2.622
50	.01038	.05066	73298	3713	357716	1742628	23.774	2.637
55	.01611	.07760	69585	5400	335178	1384912	19.902	2.639
60	.02378	.11253	64185	7223	303747	1049734	16.355	2.621
65	.03661	.16834	56962	9589	261924	745987	13.096	2.613
70	.05903	.25787	47373	12216	206951	484063	10.218	2.551
75	.08448	.34879	35157	12262	145153	277112	7.882	2.502
80	.13870	.50912	22894	11656	84038	131959	5.764	2.389
85	.23452	******	11238	11238	47921	47921	4.264	4.264

Sri Lanka Females 1952–1954

AGE	M(X)	Q(X)	I(X)	D(X)	L(X)	T(X)	E(X)	A(X)
0	.07342	.06963	100000	6963	94840	5726377	57.264	0.259
1	.01896	.07229	93037	6726	354733	5631537	60.530	1.411
5	.00412	.02039	86311	1760	427156	5276805	61.137	2.500
10	.00159	.00792	84551	670	421083	4849649	57.357	2.500
15	.00244	.01213	83882	1018	417060	4428566	52.795	2.692
20	.00409	.02025	82864	1678	410362	4011506	48.411	2.641
25	.00501	.02475	81186	2009	401001	3601144	44.357	2.547
30	.00539	.02660	79177	2106	390670	3200144	40.418	2.524
35	.00594	.02927	77071	2256	379724	2809473	36.453	2.504
40	.00582	.02869	74815	2146	368762	2429749	32.477	2.524
45	.00705	.03466	72669	2519	357260	2060987	28.361	2.583
50	.00932	.04559	70151	3198	343132	1703727	24.287	2.617
55	.01356	.06569	66953	4398	324354	1360596	20.322	2.633
60	.02024	.09661	62554	6043	298575	1036242	16.565	2.651
65	.03424	.15845	56511	8954	261512	737667	13.053	2.650
70	.05850	.25601	47557	12175	208122	476155	10.012	2.564
75	.08340	.34570	35382	12231	146661	268033	7.575	2.527
80	.15330	.54694	23150	12662	82595	121373	5.243	2.381
85	.27048	******	10489	10489	38778	38778	3.697	3.697

Sri Lanka Males 1962–1964

AGE	M(X)	Q(X)	I(X)	D(X)	L(X)	T(X)	E(X)	A(X)
0	.07236	.06859	100000	6859	94785	6214198	62.142	0.240
1	.00901	.03523	93141	3281	364186	6119413	65.700	1.446
5	.00213	.01059	89860	952	446920	5755227	64.047	2.500
10	.00129	.00643	88908	572	443111	5308307	59.706	2.500
15	.00152	.00757	88336	669	440076	4865195	55.076	2.598
20	.00210	.01045	87668	916	436137	4425119	50.476	2.598
25	.00248	.01232	86752	1069	431122	3988982	45.982	2.534
30	.00254	.01262	85682	1082	425790	3557860	41.524	2.575
35	.00365	.01809	84601	1531	419364	3132070	37.022	2.621
40	.00472	.02334	83070	1939	410753	2712706	32.656	2.628
45	.00708	.03482	81132	2825	398962	2301953	28.373	2.630
50	.00944	.04617	78307	3615	382980	1902990	24.302	2.634
55	.01479	.07145	74692	5336	360810	1520010	20.350	2.630
60	.02042	.09742	69355	6757	330888	1159200	16.714	2.649
65	.03703	.17030	62598	10660	287886	828312	13.232	2.645
70	.05930	.25892	51938	13448	226773	540425	10.405	2.552
75	.08607	.35369	38490	13614	158171	313653	8.149	2.482
80	.12854	.48140	24877	11976	93167	155482	6.250	2.393
85	.20703	******	12901	12901	62315	62315	4.830	4.830

Sri Lanka Females 1962–1964

AGE	M(X)	Q(X)	I(X)	D(X)	L(X)	T(X)	E(X)	A(X)
0	.05905	.05645	100000	5645	95593	6262557	62.626	0.219
1	.01072	.04173	94355	3938	367310	6166963	65.359	1.432
5	.00237	.01178	90418	1065	449425	5799653	64.143	2.500
10	.00115	.00573	89353	512	445482	5350228	59.878	2.500
15	.00162	.00807	88840	717	442538	4904746	55.209	2.681
20	.00278	.01381	88123	1217	437748	4462208	50.636	2.643
25	.00331	.01642	86906	1427	431020	4024460	46.308	2.539
30	.00346	.01715	85480	1466	423795	3593440	42.039	2.542
35	.00420	.02079	84013	1746	415783	3169645	37.728	2.547
40	.00452	.02235	82267	1839	406859	2753862	33.475	2.566
45	.00603	.02972	80428	2390	396384	2347003	29.181	2.592
50	.00746	.03665	78038	2860	383409	1950619	24.996	2.630
55	.01210	.05883	75178	4423	365496	1567209	20.847	2.650
60	.01731	.08322	70755	5888	340153	1201713	16.984	2.686
65	.03519	.16261	64867	10548	299753	861561	13.282	2.670
70	.05553	.24467	54319	13290	239330	561808	10.343	2.572
75	.08676	.35669	41029	14635	168680	322478	7.860	2.508
80	.13767	.50703	26394	13383	97207	153798	5.827	2.402
85	.22993	******	13012	13012	56590	56590	4.349	4.349

Sri Lanka Males 1970–1972

AGE	M(X)	Q(X)	I(X)	D(X)	L(X)	T(X)	E(X)	A(X)
0	.05677	.05430	100000	5430	95648	6382416	63.824	0.199
1	.00551	.02174	94570	2056	373119	6286768	66.477	1.489
5	.00168	.00836	92514	774	460636	5913649	63.922	2.500
10	.00109	.00544	91740	499	457455	5453013	59.440	2.500
15	.00154	.00767	91242	700	454564	4995558	54.751	2.651
20	.00228	.01134	90542	1027	450234	4540995	50.154	2.589
25	.00242	.01203	89515	1077	444910	4090761	45.699	2.524
30	.00262	.01302	88438	1151	439427	3645852	41.225	2.598
35	.00398	.01971	87287	1721	432362	3206425	36.734	2.633
40	.00515	.02544	85566	2177	422660	2774063	32.420	2.624
45	.00760	.03733	83390	3113	409556	2351403	28.198	2.625
50	.01013	.04946	80277	3971	391848	1941847	24.189	2.629
55	.01563	.07535	76306	5750	367868	1549876	20.311	2.624
60	.02143	.10194	70557	7193	335633	1182009	16.753	2.616
65	.03373	.15615	63364	9894	293330	846376	13.357	2.626
70	.05495	.24247	53470	12965	235939	553046	10.343	2.577
75	.08467	.34984	40505	14170	167357	317107	7.829	2.518
80	.13982	.51288	26335	13507	96601	149749	5.686	2.403
85	.24137	******	12828	12828	53148	53148	4.143	4.143

Sri Lanka Females 1970–1972

AGE	M(X)	Q(X)	I(X)	D(X)	L(X)	T(X)	E(X)	A(X)
0	.04714	.04540	100000	4540	96305	6671853	66.719	0.186
1	.00647	.02546	95460	2430	375643	6575548	68.883	1.450
5	.00180	.00896	93030	834	463065	6199904	66.644	2.500
10	.00100	.00499	92196	460	459832	5736839	62.224	2.500
15	.00143	.00713	91736	654	457135	5277008	57.524	2.633
20	.00192	.00956	91083	870	453319	4819873	52.918	2.594
25	.00229	.01139	90212	1027	448545	4366554	48.403	2.550
30	.00250	.01242	89185	1108	443229	3918008	43.931	2.566
35	.00323	.01602	88077	1411	436938	3474779	39.452	2.557
40	.00340	.01686	86666	1461	429791	3037841	35.052	2.579
45	.00488	.02412	85204	2055	421152	2608050	30.609	2.630
50	.00667	.03283	83149	2730	409301	2186898	26.301	2.639
55	.01017	.04967	80419	3994	392733	1777597	22.104	2.656
60	.01560	.07527	76425	5752	368747	1384864	18.121	2.674
65	.02743	.12894	70673	9112	332203	1016117	14.378	2.678
70	.04820	.21598	61560	13296	275847	683914	11.110	2.597
75	.07064	.30120	48265	14537	205791	408067	8.455	2.556
80	.12768	.48099	33727	16223	127058	202276	5.997	2.437
85	.23272	******	17505	17505	75218	75218	4.297	4.297

A life table for Thailand was calculated for the period 1969-1971 based on the population census count of 1 April 1970, registered deaths by age and sex, and prospective data from the Thailand Surveys of Population Change (SPC).

Sources of data

Census and vital registration data are available from various issues of the United Nations *Demographic Yearbook*.[93] Survey data are available from official Thai publications.[94]

Evaluation and adjustment of the data

Population census data were not adjusted since completeness of death registration is estimated relative to the census count.

Registered deaths were adjusted separately for ages 5 and over and under age 5. For ages 5 and over both the Preston and Brass techniques estimated death registration, relative to the census count, to be about 86 per cent complete for males and 76 per cent complete for females. The

United States Bureau of the Census estimated the 1970 census enumeration (for ages 10 and over) to be 90.4 per cent complete for males and 95.2 per cent complete for females.[95] Acceptance of these estimates would imply that death registration, independent of the census count, is 77 per cent complete for males, 72 per cent complete for females, and 75 per cent complete for both sexes combined. This is very close to the estimated completeness of death registration for ages 10 and over found from the 1964-1965 and 1974-1975 Surveys of Population Change (71 per cent and 72 per cent, respectively, both sexes combined).[96]

Mortality under age 5 for the 1969-1971 period was estimated by assuming a linear change in the central death rates for ages 0-1 and 1-5 from the 1964-1965 and 1974-1975 Surveys of Population Change.[97] These estimated mortality values can be compared with indirect estimates of early-age mortality from tabulations of the female population by age-group (or marital duration), number of children ever born and number of children still living. Proportions of children still alive by age of mother or by duration of mother's marriage calculated from these tabulations can be converted into conventional life table probabilities of death by Trussell regression equations. The following table compares our estimated values with those from the indirect technique:

Source	Reference date	$_5q_0$	Reference date	$_3q_0$	Reference date	$_2q_0$
Our estimates (a)	1969-1971	0.1039	1969-1971	0.0918-0.0961	1969-1971	0.0832-0.0875
1970 census (b)	1964.3	0.1223	1966.5	0.0967	1968.1	0.0753
1974 SPC (b)	1969.2	0.1064	1970.2	0.0791	1971.7	0.0667
1975 SPC (b)	1970.2	0.1043	1971.1	0.0769	1972.7	0.0716
1975 SOFT (age) (b)	1969.6	0.1169	1971.4	0.0883	1973.1	0.0786
1975 SOFT (dur) (c)	1969.5	0.0999	1972.0	0.0857	1974.1	0.0591

Sources: (a) Estimated values of $_5q_0$, $_3q_0$, and $_1q_0$ were obtained as follows: Central death rates, $_1M_0$ and $_4M_1$ for the 1969-1971 period were interpolated from the values for 1964-1965 and 1974-1975 found in Thailand, National Statistical Office, *Report of the Survey of Population Change 1974-75*, pp. 29, table 11. From these values, $_1q_0$ and $_5q_0$ were calculated by usual life table procedures. Values of $_3q_0$ and $_2q_0$ were calculated from the complements of the $_1q_0$ and $_5q_0$ values (l_1 and l_5) using the interpolation coefficients of Coale and Demeny, *Regional Model Life Tables and Stable Population* (Princeton, N.J., University of Princeton Press, 1966). Since Coale and Demeny present different interpolation coefficients for each of four "regions," a range of estimates is given.

(b) Estimates are presented in the United States National Academy of Sciences, *Fertility and Mortality Changes in Thailand, 1950-75,*

table 9. The 1970 census estimates are calculated from census tabulations of children ever born and children surviving by age of mother. The 1974 and 1975 SPC estimates are calculated from similar tabulations from rounds 1 and 5 of the 1974-1975 Survey of Population Change. Lastly, the 1975 SOFT (age) estimates are calculated from similar tabulations from the 1975 Survey of Fertility in Thailand (SOFT-WFS).

(c) Calculated at the United Nations Population Division from tabulations of children ever born and children surviving by duration of mother's marriage from the 1975 Survey of Fertility in Thailand. Institute of Population Studies, Chulalongkorn University and Thailand National Statistical Office, *Survey of Fertility in Thailand Country Report* (Bangkok, 1977), pp. 77 and 126, tables 2.2.2B and 2.3.2B.

Our estimate of $_5q_0$ and our interpolated estimate of $_3q_0$ are in line with the indirect estimates, although the SPC estimates of $_3q_0$ appear to be somewhat low, not only in comparison with our estimate but also with the other indirect estimates. However, all the indirect estimates of $_2q_0$ appear to be too low. In some cases they are lower even than the direct estimates of the 1974-1975 SPC (the interpolated $_2q_0$ value from 1974-1975 SPC is 0.0705).

Calculation of mortality rates

For ages 5 and over, central death rates were calculated from three-year averages of the adjusted deaths in five-year age-sex groups and the corresponding census age-sex count moved to mid period. The infant death rate and the death rate at age-group 1-4 were interpolated by sex from the 1964-1965 and 1974-1975 Surveys of Population Change.

[93]Population by age and sex, and registered deaths by age and sex can be found in *Demographic Yearbook 1974* (United Nations publication, Sales No. E/F.75.XIII.1), pp. 176-177 and 580-581, tables 7 and 25.

[94]Results of the Surveys of Population Change are from Thailand, National Statistical Office, *Report of the Survey of Population Change 1964-67* (Bangkok, 1969, 1970) and *Report of the Survey of Population Change 1974-75* (Bangkok, 1977).

[95]Calculated from data presented in United States Bureau of the Census, *Country Demographic Profiles: Thailand* (Washington, D.C., 1978), pp. 5 and 25, tables 2 and A-1.

[96]United States National Academy of Sciences, *Fertility and Mortality Changes in Thailand, 1950-75* (Washington, D.C., 1980), p. 16, table 7.

[97]Thailand, National Statistical Office, *Report of the Survey of Population Change 1974-75* (Bangkok, 1977), p. 29, table 11.

Thailand Males 1969–1971

AGE	M(X)	Q(X)	I(X)	D(X)	L(X)	T(X)	E(X)	A(X)
0	.08551	.08051	100000	8051	94155	5651313	56.513	0.274
1	.00925	.03613	91949	3323	359191	5557159	60.438	1.410
5	.00271	.01346	88626	1193	440150	5197967	58.650	2.500
10	.00184	.00916	87434	801	435166	4757818	54.416	2.500
15	.00277	.01376	86633	1192	430362	4322652	49.896	2.650
20	.00388	.01922	85441	1642	423215	3892290	45.555	2.571
25	.00405	.02005	83799	1680	414847	3469075	41.398	2.532
30	.00472	.02333	82118	1916	405941	3054227	37.193	2.572
35	.00601	.02962	80202	2376	395324	2648286	33.020	2.606
40	.00833	.04084	77827	3178	381545	2252962	28.949	2.613
45	.01122	.05464	74648	4079	363513	1871417	25.070	2.615
50	.01616	.07779	70570	5489	339687	1507904	21.368	2.602
55	.02155	.10244	65080	6667	309372	1168218	17.950	2.596
60	.03173	.14737	58413	8608	271302	858846	14.703	2.588
65	.04512	.20333	49805	10127	224439	587544	11.797	2.572
70	.07044	.29981	39896	11896	168881	363105	9.151	2.519
75	.10013	.39948	27782	11099	110841	194224	6.991	2.471
80	.16664	.57679	16684	9623	57747	83383	4.998	2.332
85	.27543	******	7061	7061	25636	25636	3.631	3.631

Thailand Females 1969–1971

AGE	M(X)	Q(X)	I(X)	D(X)	L(X)	T(X)	E(X)	A(X)
0	.06243	.05956	100000	5956	95406	6079096	60.791	0.229
1	.00978	.03816	94044	3589	366942	5983690	63.627	1.427
5	.00276	.01371	90455	1240	449176	5616748	62.094	2.500
10	.00164	.00817	89215	729	444256	5167572	57.922	2.500
15	.00217	.01079	88487	955	440169	4723317	53.379	2.629
20	.00311	.01543	87532	1351	434385	4283147	48.933	2.577
25	.00324	.01607	86181	1385	427513	3848762	44.659	2.552
30	.00413	.02045	84796	1734	419811	3421249	40.347	2.597
35	.00537	.02651	83062	2202	410017	3001438	36.135	2.597
40	.00693	.03408	80860	2756	397637	2591421	32.048	2.582
45	.00853	.04179	78104	3264	382657	2193785	28.088	2.591
50	.01166	.05671	74840	4244	364004	1811127	24.200	2.597
55	.01530	.07380	70596	5210	340513	1447123	20.499	2.607
60	.02271	.10771	65386	7043	310127	1106611	16.924	2.614
65	.03320	.15378	58343	8972	270243	796484	13.652	2.607
70	.05284	.23411	49371	11558	218745	526240	10.659	2.568
75	.07805	.32718	37813	12371	158507	307495	8.132	2.530
80	.13325	.49556	25441	12608	94616	148989	5.856	2.415
85	.23603	******	12834	12834	54372	54372	4.237	4.237

Life tables for Trinidad and Tobago were calculated for the 1920-1922, 1945-1947 and 1959-1961 periods based on the population census counts of 24 April 1921, 9 April 1946 and 7 April 1960 and registered vital events by age and sex for 1920-1922, 1945-1947 and 1959-1961.

Sources of data

Probabilities of dying ($_nq_x$) values have been calculated by Roberts.[98] For calculation of remaining life tables, census and vital registration data are available from official Trinidad and Tobago publications and various issues of United Nations *Demographic Yearbook*.[99]

Evaluation of the data

Application of both the Brass and Preston methods shows completeness of death registration, relative to the census, to be around 100 per cent for ages 5 and over. For ages under 5, the only external information available for evaluating mortality was the questions on children ever born and children surviving asked in the 1946 census[100] allowing application of Trussell regression equations to make indirect estimates of infant and childhood mortality. By using another series of equations developed by Trussell, the approximate reference date to which these estimates refer can be calculated. These estimates refer to the 1938-1945 period. However, if we can show infant death registration to be already complete during this period, we can probably safely assume that it was complete before and after the period.

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[98]G. W. Roberts, "Life tables for Trinidad and Tobago 1900-1903 and 1945-1947", *Trinidad and Tobago Research Papers* (Port of Spain, Central Statistical Office, 1968), pp. 52-64.

[99]Populations by age and sex can be found in *Demographic Yearbook, 1960* (United Nations publication, Sales No. 61.XIII.1), pp. 198-199, table 5, and *Demographic Yearbook, 1970* (United Nations publication, Sales No. E/F.71.XIII.1), pp. 248-251, table 6. Registered births and deaths are from *Demographic Yearbook, 1951* (United Nations publication, Sales No. 52.XIII.1), pp. 236-237, table 16; *Demographic Yearbook, 1961* (United Nations publication, Sales No. 62.XIII.1), pp. 310-311, table 15; *Demographic Yearbook, 1966* (United Nations publication, Sales No. 67.XIII.1), pp. 376-377, table 18; and Republic of Trinidad and Tobago, Central Statistical Office, *Population and Vital Statistics, 1975, Report* (Port of Spain, 1978), pp. 1-2, table 1.

[100]*Demographic Yearbook, 1955* (United Nations publication, Sales No. 56.XIII.1), pp. 582-583 and 604-605, tables 17 and 18.

The following table presents a comparison of the indirect estimates of infant mortality with rates calculated directly from the civil registration system:

Infant mortality rates estimated from indirect techniques and from civil registration

Indirect technique		Civil registration	
Reference date year centred on:	*Infant mortality rate*	*Reference date*	*Infant mortality rate*
November 1944	0.093		
April 1943	0.100	1940-1944	0.1004
February 1941	0.097		
July 1938	0.098	1935-1939	0.1036

Sources: Indirect estimates of infant mortality were calculated from the 1946 census tabulations of children ever born and children surviving by age of mother. Estimated rates of child mortality were matched to South region Coale-Demeny model life tables to provide infant mortality estimates. The registered rates are presented in *Demographic Yearbook 1966*, pp. 286-287, table 14.

The registered infant mortality rates are quite similar to those indirectly estimated. We will assume, therefore, that the registration system has not deteriorated and the data remain reliable for all years. As a result no adjustments for incompleteness need be made to the registered death rates.

Calculation of mortality rates

For ages 1 and over, central death rates were calculated from three-year averages of registered deaths in five-year age-sex groups (except for the four-year age-sex group 1-4) and the corresponding age-sex count from the census. Infant death rates were calculated from three-year averages of infant deaths and registered births.

Further adjustments to the life table

Neither the female age-specific death rates for 1945-1947 nor the male rates for 1959-1961 progressed smoothly from age to age but instead showed irregularities due apparently to random variation or unbiased age mis-statement. For ages 20 on for the 1945-1947 female population and for ages 15 on for the 1959-1961 male population, therefore, the rates were smoothed by three-term moving averages through their logarithms.

Trinidad and Tobago Males 1920–1922

AGE	M(X)	Q(X)	I(X)	D(X)	L(X)	T(X)	E(X)	A(X)
0	.17633	.15770	100000	15770	89434	3761992	37.620	0.330
1	.02447	.09191	84230	7742	316420	3672558	43.602	1.352
5	.00604	.02974	76488	2275	376755	3356138	43.878	2.500
10	.00499	.02462	74214	1827	366500	2979383	40.146	2.500
15	.00730	.03589	72387	2598	355830	2612882	36.096	2.651
20	.01108	.05396	69789	3766	339897	2257052	32.341	2.598
25	.01305	.06323	66023	4175	319844	1917155	29.038	2.540
30	.01529	.07372	61848	4559	298127	1597311	25.826	2.562
35	.02052	.09771	57289	5598	272806	1299184	22.678	2.564
40	.02549	.11992	51691	6199	243150	1026378	19.856	2.531
45	.03072	.14271	45492	6492	211340	783228	17.217	2.517
50	.03759	.17192	39000	6705	178367	571887	14.664	2.519
55	.04908	.21877	32295	7065	143950	393520	12.185	2.519
60	.06740	.28845	25230	7278	107971	249570	9.892	2.502
65	.09731	.38950	17952	6992	71860	141599	7.887	2.440
70	.13358	.49280	10960	5401	40432	69739	6.363	2.340
75	.17158	.58169	5559	3234	18845	29307	5.272	2.232
80	.20565	.64926	2325	1510	7341	10462	4.499	2.161
85	.26137	******	816	816	3120	3120	3.826	3.826

Trinidad and Tobago Females 1920–1922

AGE	M(X)	Q(X)	I(X)	D(X)	L(X)	T(X)	E(X)	A(X)
0	.15911	.14420	100000	14420	90627	4014293	40.143	0.350
1	.02474	.09289	85580	7950	321341	3923666	45.848	1.361
5	.00555	.02735	77630	2123	382844	3602324	46.403	2.500
10	.00487	.02408	75507	1818	372991	3219480	42.638	2.500
15	.00898	.04398	73689	3241	360864	2846489	38.628	2.661
20	.01154	.05609	70448	3951	342533	2485625	35.283	2.543
25	.01239	.06012	66497	3998	322587	2143092	32.229	2.524
30	.01468	.07083	62499	4427	301631	1820506	29.129	2.546
35	.01788	.08558	58072	4970	277999	1518875	26.155	2.513
40	.01864	.08903	53102	4728	253684	1240876	23.368	2.498
45	.02134	.10138	48375	4904	229761	987193	20.407	2.530
50	.02667	.12515	43470	5440	204010	757432	17.424	2.548
55	.03501	.16127	38030	6133	175161	553422	14.552	2.556
60	.04952	.22076	31897	7042	142209	378261	11.859	2.547
65	.07183	.30446	24855	7567	105351	236052	9.497	2.499
70	.10108	.40128	17288	6937	68630	130701	7.560	2.433
75	.14297	.51700	10351	5351	37430	62071	5.997	2.323
80	.18089	.60358	4999	3018	16682	24641	4.929	2.244
85	.24901	******	1982	1982	7959	7959	4.016	4.016

Trinidad and Tobago Males 1945–1947

AGE	M(X)	Q(X)	I(X)	D(X)	L(X)	T(X)	E(X)	A(X)
0	.09393	.08810	100000	8810	93796	5296388	52.964	0.296
1	.00719	.02823	91190	2574	358034	5202592	57.052	1.388
5	.00192	.00955	88615	847	440961	4844558	54.669	2.500
10	.00185	.00921	87769	808	436824	4403597	50.173	2.500
15	.00326	.01618	86961	1407	431563	3966773	45.616	2.697
20	.00491	.02426	85554	2076	422780	3535210	41.321	2.596
25	.00544	.02684	83478	2241	411900	3112431	37.284	2.550
30	.00659	.03243	81237	2635	399812	2700530	33.243	2.581
35	.00856	.04194	78602	3296	385104	2300718	29.270	2.601
40	.01165	.05667	75306	4268	366339	1915615	25.438	2.612
45	.01648	.07929	71038	5632	341766	1549276	21.809	2.616
50	.02403	.11355	65406	7427	309071	1207509	18.462	2.582
55	.03107	.14444	57979	8374	269533	898438	15.496	2.569
60	.04558	.20513	49604	10176	223246	628905	12.678	2.565
65	.06699	.28708	39429	11319	168970	405659	10.288	2.511
70	.09387	.37787	28110	10622	113153	236689	8.420	2.421
75	.11716	.44715	17488	7820	66744	123536	7.064	2.353
80	.14985	.53259	9668	5149	34362	56792	5.874	2.285
85	.20148	******	4519	4519	22430	22430	4.963	4.963

Trinidad and Tobago Females 1945–1947

AGE	M(X)	Q(X)	I(X)	D(X)	L(X)	T(X)	E(X)	A(X)
0	.07818	.07397	100000	7397	94614	5577053	55.771	0.272
1	.00712	.02796	92603	2589	363689	5482439	59.204	1.404
5	.00202	.01005	90014	905	447807	5118750	56.866	2.500
10	.00175	.00871	89109	776	443604	4670943	52.418	2.500
15	.00413	.02046	88333	1807	437545	4227339	47.857	2.721
20	.00527	.02602	86526	2251	427191	3789794	43.800	2.585
25	.00654	.03218	84274	2712	414717	3362603	39.901	2.546
30	.00703	.03455	81562	2818	400851	2947886	36.143	2.530
35	.00812	.03981	78744	3135	386036	2547034	32.346	2.548
40	.00962	.04701	75610	3554	369446	2160999	28.581	2.580
45	.01312	.06360	72055	4583	349298	1791552	24.864	2.604
50	.01810	.08672	67473	5851	323286	1442254	21.375	2.594
55	.02471	.11654	61621	7182	290632	1118968	18.159	2.567
60	.03193	.14807	54440	8061	252456	828337	15.216	2.551
65	.04341	.19613	46379	9096	209541	575881	12.417	2.543
70	.06046	.26305	37283	9807	162207	366340	9.826	2.532
75	.09257	.37575	27476	10324	111525	204133	7.430	2.496
80	.14954	.53705	17152	9211	61598	92608	5.399	2.377
85	.25606	******	7940	7940	31010	31010	3.905	3.905

Trinidad and Tobago Males 1959–1961

AGE	M(X)	Q(X)	I(X)	D(X)	L(X)	T(X)	E(X)	A(X)
0	.05523	.05288	100000	5288	95741	6240847	62.408	0.195
1	.00340	.01349	94712	1277	375648	6145106	64.882	1.494
5	.00076	.00379	93435	354	466289	5769458	61.748	2.500
10	.00079	.00394	93081	367	464486	5303169	56.974	2.500
15	.00120	.00598	92714	555	462269	4838683	52.190	2.657
20	.00170	.00847	92159	780	458925	4376414	47.488	2.603
25	.00200	.00995	91379	909	454702	3917489	42.871	2.589
30	.00266	.01322	90469	1196	449496	3462788	38.276	2.616
35	.00358	.01775	89274	1585	442633	3013291	33.753	2.643
40	.00547	.02701	87689	2368	432953	2570658	29.316	2.681
45	.00901	.04413	85321	3765	417867	2137705	25.055	2.679
50	.01415	.06848	81556	5585	394706	1719838	21.088	2.659
55	.02228	.10583	75971	8040	360849	1325132	17.443	2.636
60	.03398	.15721	67931	10679	314279	964283	14.195	2.624
65	.05667	.24882	57252	14246	251380	650005	11.353	2.552
70	.07670	.32116	43006	13812	180078	398625	9.269	2.469
75	.10536	.41374	29194	12079	114642	218547	7.486	2.406
80	.14029	.51049	17115	8737	62280	103904	6.071	2.334
85	.20128	******	8378	8378	41625	41625	4.968	4.968

Trinidad and Tobago Females 1959–1961

AGE	M(X)	Q(X)	I(X)	D(X)	L(X)	T(X)	E(X)	A(X)
0	.04552	.04389	100000	4389	96409	6658850	66.589	0.182
1	.00270	.01073	95611	1026	379833	6562441	68.637	1.453
5	.00054	.00270	94586	255	472292	6182608	65.365	2.500
10	.00043	.00215	94331	203	471148	5710316	60.535	2.500
15	.00083	.00414	94128	390	469759	5239168	55.660	2.737
20	.00135	.00673	93738	631	467224	4769409	50.880	2.673
25	.00193	.00961	93108	894	463402	4302185	46.207	2.611
30	.00235	.01168	92213	1077	458471	3838783	41.629	2.591
35	.00306	.01519	91136	1384	452405	3380312	37.091	2.635
40	.00463	.02290	89752	2056	443972	2927907	32.622	2.672
45	.00731	.03594	87696	3152	431130	2483935	28.324	2.668
50	.01116	.05437	84544	4596	411870	2052805	24.281	2.639
55	.01593	.07675	79948	6136	385161	1640935	20.525	2.624
60	.02372	.11226	73812	8286	349322	1255774	17.013	2.618
65	.03553	.16363	65526	10722	301772	906452	13.833	2.588
70	.05166	.22919	54804	12561	243140	604680	11.033	2.541
75	.07264	.30793	42244	13008	179078	361540	8.558	2.529
80	.12288	.46670	29236	13644	111037	182462	6.241	2.425
85	.21829	******	15591	15591	71425	71425	4.581	4.581

Life tables for Tunisia were constructed for the 1968-1969 period based on results of the Tunisian Enquête nationale démographique (END). Recorded death rates were adjusted for underenumeration of deaths.

Source of data

The Enquête nationale démographique was a multiround follow-up survey of a nationally representative sample of 115,000 persons.[101] Interviewers visited households four times at six-monthly intervals, beginning in January 1968. At each interview after the first, interviewers determined if any births, deaths or moves occurred during the preceding six months.

Evaluation and adjustment of the data

The results from END were evaluated by Vallin,[102] who noted that the 1969-1970 Algerian survey, carried out with the same techniques and in a socio-cultural environment similar to that of Tunisia, missed about 8 per cent of all deaths. He expects a similar level of omission to be applicable to Tunisia. In fact, application of Preston's method to the survey data yields a similar omission rate of about 10 per cent. However application of Preston's method separately to the male and female distribution produces disparate estimates of zero omissions for males

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[101]For a description of the survey and relevant data, see Tunisia, Institut national de la statistique, *Enquête nationale démographique, 1968-1969, synthèse: méthode—résultats généraux*, fasicule 1 (Tunis, 1974); and *Enquête nationale démographique, 1968-1969, mouvement de la population—naissances, décès, migration*, fasicule 3 (Tunis, 1974).

[102]See J. Vallin, "Mortalité et fécondité en Tunisie: Résultats commentés de l'enquête nationale démographique (END)", *Population* (Paris, 1975), vol. 30, No. 6, pp. 1160-1165.

and 20 per cent omissions for females, highly unlikely results. We chose to accept Vallin's analysis and adjusted survey deaths (males and females) for 8 per cent incompleteness.

Vallin concluded that it was likely that infant deaths and births were equally well enumerated in the survey and that mortality rates calculated from the recorded events were approximately correct. Comparison with infant mortality estimated from children ever born/children surviving tabulations in the 1966 and 1975 censuses confirmed the approximate accuracy of the survey rate.[103] Based on these tabulations, infant mortality rates of about 146 per thousand and about 118 per thousand for 1963-1964 and 1972, respectively, can be estimated. The recorded survey rate of 135 per thousand for 1968-1969 is clearly in line with these figures. Therefore, no adjustment for incompleteness was made to the infant mortality rate.

Calculation of the mortality rates

For ages 1 and over, central death rates were calculated from the adjusted survey deaths and recorded average population by age and sex. The infant mortality rate was calculated from recorded infant deaths and births.

Further adjustments to the life table

The age-specific death rates from the survey did not progress smoothly from age to age but rather showed large fluctuations due probably to sampling error. Death rates calculated from the civil registration system, however, showed a quite similar pattern of mortality and a rather smooth progression. The survey death rates were therefore smoothed using the registered rates as a standard.

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[103]For the tabulations, see C. Tarifa and R. Lapham, "Estimations de la mortalité juvenile pour la Tunisie", *Actes du 3e Colloque de Démographie Maghrébine*, tome 1 (Tunis, 1978), p. 16, table 6.

Tunisia Males 1968–1969

AGE	M(X)	Q(X)	I(X)	D(X)	L(X)	T(X)	E(X)	A(X)
0	.15012	.13640	100000	13640	90861	5270547	52.705	0.330
1	.01915	.07290	86360	6296	328769	5179685	59.978	1.352
5	.00289	.01435	80064	1149	397449	4850916	60.588	2.500
10	.00178	.00886	78915	699	392829	4453467	56.433	2.500
15	.00239	.01188	78216	929	388837	4060638	51.916	2.585
20	.00274	.01361	77287	1052	383856	3671801	47.509	2.548
25	.00309	.01533	76235	1169	378305	3287945	43.129	2.544
30	.00349	.01730	75066	1299	372167	2909639	38.761	2.563
35	.00432	.02138	73768	1577	365046	2537472	34.398	2.595
40	.00575	.02836	72191	2047	356094	2172426	30.093	2.626
45	.00839	.04114	70143	2886	343915	1816333	25.895	2.643
50	.01241	.06029	67258	4055	326754	1472418	21.892	2.649
55	.01940	.09276	63203	5863	302208	1145664	18.127	2.645
60	.03025	.14111	57340	8091	267472	843456	14.710	2.624
65	.04751	.21308	49249	10494	220884	575984	11.695	2.583
70	.07261	.30761	38755	11921	164194	355100	9.163	2.519
75	.10742	.42093	26833	11295	105152	190906	7.114	2.431
80	.15272	.54283	15538	8435	55228	85754	5.519	2.337
85	.23271	******	7104	7104	30526	30526	4.297	4.297

Tunisia Females 1968–1969

AGE	M(X)	Q(X)	I(X)	D(X)	L(X)	T(X)	E(X)	A(X)
0	.14666	.13390	100000	13390	91297	5245449	52.454	0.350
1	.02263	.08542	86610	7398	326916	5154152	59.510	1.361
5	.00254	.01262	79212	1000	393560	4827236	60.941	2.500
10	.00156	.00777	78212	608	389541	4433676	56.688	2.500
15	.00240	.01193	77604	926	385822	4044135	52.112	2.624
20	.00290	.01440	76679	1104	380708	3658312	47.710	2.568
25	.00343	.01701	75574	1286	374750	3277604	43.369	2.572
30	.00423	.02094	74289	1556	367668	2902854	39.075	2.572
35	.00506	.02499	72733	1818	359242	2535186	34.856	2.566
40	.00611	.03010	70916	2135	349380	2175944	30.684	2.565
45	.00734	.03606	68781	2480	337948	1826564	26.556	2.598
50	.01053	.05138	66301	3407	323483	1488615	22.452	2.645
55	.01639	.07892	62894	4964	302863	1165132	18.525	2.661
60	.02691	.12651	57931	7329	272336	862269	14.884	2.637
65	.04142	.18845	50602	9536	230216	589932	11.658	2.610
70	.06897	.29537	41066	12130	175880	359716	8.759	2.572
75	.11669	.45032	28936	13031	111669	183836	6.353	2.467
80	.18864	.62621	15906	9960	52801	72167	4.537	2.317
85	.30701	******	5945	5945	19365	19365	3.257	3.257

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