

# Life Tables for the United States Social Security Area 1900-2100

Actuarial Study No. 116

**Social Security Administration**  
Office of the Chief Actuary

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Actuarial Study No. 116 displays life tables based on historical and projected mortality in the area covered by the United States Social Security program. This projected mortality was used in estimating the future costs for the Old-Age, Survivors, and Disability Insurance (OASDI) program included in the 2002 Report of the OASDI Board of Trustees to Congress. A web address for this and other Actuarial Studies is [www.ssa.gov/OACT/NOTES/actstud.html](http://www.ssa.gov/OACT/NOTES/actstud.html) .

The life tables in this study differ from the U.S. Decennial Life Tables published by the National Center for Health Statistics in conjunction with each decennial census. However, the tables in this study are better suited to studying time trends because, unlike the U.S. decennial tables, they have all been constructed using the same method.

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August 31, 2002

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# Life Tables for the United States Social Security Area 1900-2100

## I. Introduction

Each year, estimates of future income and expenditures of the Old-Age and Survivors Insurance and Disability Insurance (OASDI) program are presented to the Congress in the Annual Report of the Board of Trustees. These estimates illustrate possible scenarios of the future financial position of the OASDI program, under present law, and thus are valuable in the policy making process for the program.

To produce these financial estimates, projections of the population in the Social Security coverage area are needed. One of the essential components of population projections is a projection of mortality, which is the subject of this study. For the 2002 Trustees Report, three separate projections – intermediate, low cost, high cost – were prepared. These projections are based on three different sets of assumptions about future death rates. The intermediate projections are thought to be the most likely to occur among the three sets. All mortality projections presented in this study are from the intermediate projections of the 2002 Annual Report of the OASDI Board of Trustees. These projections were also used in estimating the future financial status of the Hospital Insurance (HI) and Supplementary Medical Insurance (SMI) programs as described in the 2002 Annual Report of the Medicare Board of Trustees.

Mortality rates are presented in this study in the context of life tables, which are commonly used by actuaries and demographers. Tables on both period and cohort bases are included. These tables supersede those published in Actuarial Study Number 107, which were used in the preparation of the 1992 Annual Reports.

## II. Basic Concepts

A life table is a concise way of showing the probabilities of a member of a particular population living to or dying at a particular age. In this study, the life tables are used to examine the mortality changes in the Social Security population over time.

An ideal representation of human mortality would provide a measure of the rate of death occurring at specified ages over specified periods of time. In the past, analytical methods (such as the Gompertz, Makeham, or logistic curves) satisfied this criterion approximately over a broad range of ages. However, as actual data has become more abundant and more reliable,

the use of approximate analytical methods have become less necessary and acceptable. Today, mortality is most commonly represented in the form of a life table, which gives probabilities of death within one year at each exact integral age. These probabilities are generally based on tabulations of deaths in a given population and estimates of the size of that population. All functions in the life table can be generated from the  $q_x$ , where  $q_x$  is the probability of death within a year of a person aged  $x$ . Although a life table does not give mortality at non-integral ages or for non-integral durations, as can be obtained from a mathematical formula, acceptable methods for estimating such values are well known.

Two basic types of life tables are presented in this study, period-based tables and cohort-based tables. Each type of table can be constructed either based on actual population data or on expected future experience.

A period life table is based on, or represents, the mortality experience of an entire population during a relatively short period of time, usually one to three years. Life tables based directly on population data are generally constructed as period life tables because death and population data are most readily available on a time period basis. Such tables are useful in analyzing changes in the mortality experienced by a population through time. If the experience study is limited to short periods of time, the resulting rates will be more uniformly representative of the entire period. This study presents period life tables by sex for decennial years 1900 through 1990 based on United States and Medicare data, and for decennial years 2000 through 2100 reflecting projected mortality.

A cohort, or generation, life table is based on, or represents, mortality experience over the entire lifetime of a cohort of persons born during a relatively short period of time, usually one year. Cohort life tables based directly on population experience data are relatively rare, because of the need for data of consistent quality over a very long period of time. Cohort tables can, however, be readily produced, reflecting mortality rates from a series of period tables for past years, projections of future mortality, or a combination of the two. Such tables are superior to period tables for the purpose of projecting a population into the future when mortality is expected to change over time, and for analyzing the generational trends in mortality. This study presents cohort life tables by sex for births in decennial years 1900 through 2000, reflecting the mortality experience and projections described above.

A life table treats the mortality experience upon which it is based as though it represents the experience of a single birth cohort consisting of 100,000 births who experience, at each



age  $x$  of their lives, the probability of death, denoted  $q_x$ , shown in the table. The entry  $l_x$  in the life table shows the number of survivors of that birth cohort at each succeeding exact integral age. Another entry,  $d_x$ , shows the number of deaths that would occur between succeeding exact integral ages among members of the cohort. The entry denoted  $L_x$  gives the number of person-years lived between consecutive exact integral ages  $x$  and  $x+1$  and  $T_x$  gives the total number of person-years lived beyond each exact integral age  $x$ , by all members of the cohort. The final entry in the life table,  $e_x$ , represents the average number of years of life remaining for members of the cohort still alive at exact integral age  $x$ , and is called the life expectancy.

The  $l_x$  entry in the life table is also useful for determining the age corresponding to a specified survival rate from birth, which is defined as the age at which the ratio of  $l_x$  to 100,000 is equal to a specified value between 0 and 1.

A stationary population is what would result if for each past and future year:

- The probabilities of death shown in the table are experienced
- 100,000 births occur uniformly throughout each year
- The population has no immigration and emigration

A population with these characteristics would have a constant number of persons from year to year (in fact, at any time) both in their total number and in their number at each age. These numbers of persons, by age last birthday, are provided in the life table as the  $L_x$  values. The  $l_x$  entry is interpreted as the number of persons who attain each exact integral age during any year, and  $d_x$  is the number of persons who die at each age last birthday during any year. The entry  $T_x$  represents the number of persons who are alive at age last birthday  $x$  or older, at any time.

### III. Construction of Central Death Rates

#### A. Data Sources

Annual tabulations of numbers of deaths by age and sex are made by the National Center for Health Statistics (NCHS) based on information supplied by States in the Death Registration Area, and are published in the volumes of Vital Statistics of the United States. These are now available on the web at [www.cdc.gov/nchs](http://www.cdc.gov/nchs). Deaths are provided by five year age groups for ages 5 through 84, in total for ages 85 and older, and by single-year and smaller age intervals for ages 4 and under. One requirement for admission to the Death Registration Area, which since 1933 has included all the States, the District of Columbia and the independent registration area of New York City, was a demonstration of ninety percent completeness of registration. Because

incentives for filing a death certificate are so strong (obtaining burial permits, collecting insurance benefits, settling estates, etc.) and because every State has adopted laws that require the registration of deaths, it is believed that errors of under-registration of deaths are insignificant for the nation as a whole. Errors of misstatement of age on the death certificate, however, may very well cause distortion in the distribution of numbers of deaths by age group.

Annual estimates of the U.S. resident population by single year of age and sex are made by the Census Bureau and are published in Current Population Reports Series P-25. The most recent population information is available and updated regularly on the Census Bureau web site at [www.census.gov](http://www.census.gov). These estimates are affected by both undercount and misclassification in the decennial census. These errors, which may either offset or compound, are usually considered together as net undercount. Postcensal estimates are made by the "inflation-deflation" method which inflates the last previous census-level population by net undercount, carries the inflated population forward according to the births and deaths tabulated in the Vital Statistics, adjusts the population by estimated net immigration, and then deflates by net undercount. Thus, the postcensal population estimates are affected by errors in the Vital Statistics and the effect tends to accumulate as the elapsed time from the last previous census increases. When results of the following census become available, the postcensal estimates are revised, and are then called intercensal estimates, thus removing much of the effect of errors in Vital Statistics and in net immigration estimates.

Central death rates calculated by comparing numbers of deaths tabulated by the National Center for Health Statistics to the mid-year population estimated by the Census Bureau are affected by the errors from both sources, which may either offset or combine. Further, errors of noncomparability of numerator and denominator may also be introduced. Although efforts are made to minimize errors of noncomparability (by excluding armed forces overseas from the population estimates, for example), complete comparability is intrinsically impossible.

The errors of noncomparability can be eliminated if the numbers of deaths and the population are drawn from the same source. This approach, however, generally involves so large a reduction in the size of the population being observed, that more random error is introduced than noncomparability error is eliminated. One source of data on aged persons which is not subject to errors of noncomparability and yet does permit a very large number of observations, is Medicare program enrollment. Also, this source involves fewer errors of misstatement of age, because most of the data relate to individuals who have had to prove their date of birth to become entitled to benefits.

An error analogous to net undercount does appear to be present in the Medicare data, although the error is believed to

have an insignificant effect on calculated death rates, except for the very aged (beginning at roughly age 95). This error stems from the presence in the data of "phantom records" which may have arisen because the person was registered in the program more than once, or because information about a person was miscoded when he registered, or because the person's death was not reported. Such phantom records are not of much concern to cost-conscious program administrators, however, because the Medicare program only pays benefits when bills for covered services rendered are submitted.

In an effort to reduce the number of phantom records, the Medicare based death rates calculated for years after 1987 were limited to the records of those Medicare participants that were also eligible for Social Security or Railroad retirement monthly income benefits, or who were government employees or retirees with enough Medicare qualifying government employment. This limitation eliminated approximately three percent of the Medicare records.

Data needed in order to project central death rates by cause of death were obtained from Vital Statistics tabulations for years since 1979. For the years 1979-1998, adjustments were made to the distribution of the numbers of deaths by cause. The adjustments were needed in order to reflect the revision in the cause of death coding that occurred in 1999, making the data for the years 1979-1998 more comparable with the coding used for the years 1999 and later. The adjustments were based on comparability ratios published by the National Center for Health Statistics.

For the years 1900-1967, age-sex specific central death rates were calculated from NCHS Vital Statistics tabulations of deaths and Census estimates of populations. For the period 1968-1999 those same two sources were used for ages under 65, but records of the Medicare program were used to calculate rates for ages 65 and over. The numbers of deaths by cause from Vital Statistics tabulations were used to distribute the age-sex specific rates into age-sex-cause specific rates for the years 1979-1999.

## B. Adjustments in Population

Populations in some five-year age groups for some years were estimated from published figures for broader age groups. Death Registration States' populations during 1900-1932 for five-year age groups, 5-9 through 70-74, were estimated from the ten-year age groups, 5-14 through 65-74, by assuming that the distributions of five-year age groups within ten-year age groups were as published for the United States resident population from the Census Bureau. Death Registration States' populations during 1900-1932, and United States population during 1933-1939 for the age group 75-84, were distributed between the 75-79 and 80-84 age groups by using linear interpolation of the age distributions from the Decennial Census enumerations. Death Registration States' populations during years 1900-1932 and United States population during

years 1933-1967 for age group 85-89, 90-94, and 95 and over were estimated by distributing the group 85 and over using NCHS tabulated deaths for each year and Medicare data. The split of the conterminous United States populations aged 0-4 into age groups 0 and 1-4 for the years 1950-1959 was estimated from the group 0-4 by assuming the same distribution as in the United States, Alaska, and Hawaii combined. For 1959, deaths occurring in Alaska were excluded from total deaths, so that the population of the conterminous United States could be used to calculate the death rates. For all years, deaths tabulated at "age unstated" were prorated across the tabulated age groups.

## IV. Methods

### A. Definitions of Life Table Functions

The following are definitions of the standard actuarial functions used in this study to develop mortality rates based on mid-year population and annual death data.

- $D_x$  = the number of deaths at age  $x$  last birthday in a population during a year
- $P_x$  = the number of persons who are age  $x$  last birthday in a population at midyear
- ${}_yM_x$  = the central death rate for the subset of a population that is between exact ages  $x$  and  $x+y$
- ${}_yq_x$  = the probability that a person exact age  $x$  will die within  $y$  years

The following are the additional definitions of standard life table functions. The table represents a hypothetical cohort of 100,000 persons born at the same instant who experience the rate of mortality represented by  ${}_1q_x$ , the probability that a person age  $x$  will die within one year, for each age  $x$  throughout their lives. The stationary population definitions, that are given in parenthesis, refer to the population size and age distribution that would result if the rates of mortality represented by  ${}_1q_x$  were experienced each year, past and future, for persons between exact ages  $x$  and  $x+1$ , and if 100,000 births were to occur uniformly throughout each year.

- $l_x$  = the number of persons surviving to exact age  $x$ , (or the number of persons reaching exact age  $x$  during each year in the stationary population)
- $d_x$  = the number of deaths between exact ages  $x$  and  $x+1$ , (or the number of deaths at age last birthday  $x$  each year in the stationary population)
- $L_x$  = the number of person-years lived between exact ages  $x$  and  $x+1$ , (or the number of persons alive at age last

birthday x at any time in the stationary population)  
 We assume a uniform distribution of deaths for ages greater than 0.

$T_x$  = the number of person-years lived after exact age x, (or the number of persons alive at age last birthday x or older at any time in the stationary population)

$\hat{e}_x$  = the average number of years of life remaining at exact age x

${}_y m_x$  = the central death rate for the population that is between exact ages x and x+y

${}_y f_x$  = separation factor; the average number of years not lived between exact ages x and x+y for those who die between exact ages x and x+y

The life table functions  $l_x$ ,  $d_x$ ,  $L_x$ ,  $T_x$ , and  $\hat{e}_x$  were calculated as follows:

$$l_0 = 100,000$$

$$d_x = l_x \cdot q_x \quad x = 1, 2, 3, \dots$$

$$l_x = l_{x-1} \cdot (1 - q_{x-1}) \quad x = 1, 2, 3, \dots$$

$$L_0 = l_0 - {}_1 f_0 \cdot d_0$$

$$L_x = l_x - .5 \cdot d_x \quad x = 1, 2, 3, \dots$$

$$T_x = L_x + L_{x+1} + L_{x+2} + \dots + L_{148} \quad x = 0, 1, 2, 3, \dots$$

$$\hat{e}_x = \frac{T_x}{l_x} \quad x = 0, 1, 2, 3, \dots$$

The fundamental step in constructing a life table from population data is that of developing probabilities of death,  $q_x$ , that accurately reflect the underlying pattern of mortality experienced by the population. The following sections describe the methods used for developing the rates presented in this actuarial study. These methods, as will be seen, vary significantly by age. Actual data permit the computation of central death rates, which are then converted into probabilities of death. Exceptions to this procedure include direct calculation of probabilities of death at young ages and geometric extrapolation of probabilities of death at extreme old age, where data is sparse or of questionable quality.

## B. Death Rates at Ages 0 - 4

For the period 1940-1999, the probability of death at age 0 ( $q_0$ ) was calculated directly from tabulations of births by month and from tabulations of deaths at ages 0, 1-2, 3-6, 7-28 days, 1 month, 2 months, ..., 11 months. For the period 1900-1939, that probability was calculated from the population central death rate at age 0 using the relationship

between probabilities of death and central death rate determined by ordinary least squares regression on values for 1940-1999. After 1999, the probability was calculated from the population central death rate for age 0, assuming that the ratio of probability of death to central death rate measured for 1999 would remain constant thereafter.

For the period 1940-1999, probabilities of death at each age 1 through 4 ( $q_x$ ,  $x=1,2,3,4$ ) were calculated from tabulations of births by year and from tabulations of deaths at ages 1, 2, 3, and 4 years. For the period 1900-1939, the probabilities were calculated from the population central death rate for the age group 1-4 using the relationship between probabilities of death and central death rate determined by ordinary least squares regression on values for 1940-1999. After 1999, the probabilities were calculated from the population central death rate for the age group 1-4 assuming that the ratio of probability of death to central death rate measured for 1999 would remain constant thereafter.

Based on a comparison of values from the 1900-1902 and 1909-1911 U.S. Decennial Life Tables, we concluded that the regression relationships used to determine probabilities of death from population central death rates during 1900-1939 gave reasonable results. The ratios used to determine probabilities of death from population central death rates after 1999 are assumed to give reasonable results because those probabilities are very low and are projected to change relatively little over the projection period. The following are the coefficients of the linear equation ( $y = mx+b$ ) used for estimating probabilities of death as functions of population central death rates.

Coefficients for Converting Death Rates to Death Probabilities for Ages under 5

		1900-1939		1999 and later	
	y x	m	b	m	b
Male	${}_1 q_0$ ${}_1 M_0$	.788231	.004157	.985681	.000000
	${}_1 q_1$ ${}_1 M_1$	1.866636	-.000367	1.474317	.000000
	${}_1 q_2$ ${}_1 M_2$	.946686	.000048	.995975	.000000
	${}_1 q_3$ ${}_1 M_3$	.649013	.000140	.828139	.000000
	${}_1 q_4$ ${}_1 M_4$	.516733	.000137	.644733	.000000
Female	${}_1 q_0$ ${}_1 M_0$	.799021	.003195	.992001	.000000
	${}_1 q_1$ ${}_1 M_1$	1.899636	-.000250	1.574275	.000000
	${}_1 q_2$ ${}_1 M_2$	.926904	.000045	1.026362	.000000
	${}_1 q_3$ ${}_1 M_3$	.670318	.000070	.767284	.000000
	${}_1 q_4$ ${}_1 M_4$	.533706	.000077	.574472	.000000

During the first year of life, mortality starts at an extremely high level, which becomes progressively lower, unlike mortality at other ages which does not change very much within a single year of age. Thus, it is particularly important at age 0 to estimate accurately the pattern of mortality throughout the year of age, as described above, for the calculation of  ${}_1 q_0$ .

Computation of other life table functions, particularly  $L_x$ ,  $T_x$ , and  $\dot{e}_x$  requires an additional factor related to this pattern called the separation factor, which is the average fraction of a year not lived by those who die within the year. For each of the years 1940-1999 the separation factor at age 0 ( $f_0$ ) was calculated directly from probabilities of death within the exact age intervals 0-1, 1-3, 3-7, and 7-28 days and 1-2, 2-3, ..., 11-12 months. For each of the years 1900-1939 that separation factor was linearly interpolated between the factor for 1940 and the factor calculated from the 1900-1902 U. S. Decennial Life Tables. Tests using data from the 1909-1911, 1919-1921, and 1929-1931 U. S. Decennial Life Tables showed that this interpolation gave reasonable results. For years after 1999, the separation factor at age 0 was assumed to remain constant at the 1999 level. Because mortality does not change very much within each of the second through fifth years of life, a separation factor of  $\frac{1}{2}$  was assumed.

### C. Death Rates at Ages 5 - 94

One method that has been used to calculate probabilities of death for a life table that are consistent with the underlying pattern of mortality experienced in the population is to require that the life table central death rates for quinquennial age groups,  ${}_5m_x$ , equal the population central death rates,  ${}_5M_x$ . That is  ${}_5m_x = {}_5M_x$  for  $x = 5, 10, 15, \dots, 90$

$$\text{where } {}_5m_x = \frac{d_x + d_{x+1} + d_{x+2} + d_{x+3} + d_{x+4}}{L_x + L_{x+1} + L_{x+2} + L_{x+3} + L_{x+4}}$$

$$\text{and } {}_5M_x = \frac{D_x + D_{x+1} + D_{x+2} + D_{x+3} + D_{x+4}}{P_x + P_{x+1} + P_{x+2} + P_{x+3} + P_{x+4}}$$

Unfortunately, making these central death rates equal may introduce error when they should differ because the age distribution within the quinquennial age groups in the stationary population implied by the life table differs from that in the actual population under study. The degree of consistency can be improved using the relationship,

$$\begin{aligned} {}_5m_x &= \frac{d_x + d_{x+1} + d_{x+2} + d_{x+3} + d_{x+4}}{L_x + L_{x+1} + L_{x+2} + L_{x+3} + L_{x+4}} \\ &= \frac{\frac{d_x}{L_x} \cdot L_x + \frac{d_{x+1}}{L_{x+1}} \cdot L_{x+1} + \frac{d_{x+2}}{L_{x+2}} \cdot L_{x+2} + \frac{d_{x+3}}{L_{x+3}} \cdot L_{x+3} + \frac{d_{x+4}}{L_{x+4}} \cdot L_{x+4}}{L_x + L_{x+1} + L_{x+2} + L_{x+3} + L_{x+4}} \\ &= \frac{m_x \cdot L_x + m_{x+1} \cdot L_{x+1} + m_{x+2} \cdot L_{x+2} + m_{x+3} \cdot L_{x+3} + m_{x+4} \cdot L_{x+4}}{L_x + L_{x+1} + L_{x+2} + L_{x+3} + L_{x+4}} \end{aligned}$$

The central death rate for an age group is viewed in this equation as a weighted average of the central death rates for

the single ages comprising the group. The degree of consistency between the level of mortality in the life table  ${}_5m_x$  and the population  ${}_5M_x$  is thus improved by eliminating the inconsistency in weighting by population at single year of age. This is accomplished by using the actual population as weights instead of the stationary population and producing  ${}_5\bar{m}_x$ . This means that,

$${}_5\bar{m}_x = \frac{m_x \cdot P_x + m_{x+1} \cdot P_{x+1} + m_{x+2} \cdot P_{x+2} + m_{x+3} \cdot P_{x+3} + m_{x+4} \cdot P_{x+4}}{P_x + P_{x+1} + P_{x+2} + P_{x+3} + P_{x+4}}$$

Because  ${}_5\bar{m}_x$  has essentially the same implied age distribution as  ${}_5M_x$ , a higher degree of consistency in the level of mortality is obtained by requiring  ${}_5\bar{m}_x = {}_5M_x$  for  $x = 5, 10, 15, \dots, 90$ . This requirement, which we use as the basis for constructing our life tables, is achieved by a rapidly-converging iterative process.

We assume that, initially, the separation factors for quinquennial age groups are such that deaths occurred on average at the midpoint of the age interval. That is  ${}_5f_x = 2.5$  for  $x = 5, 10, 15, \dots, 90$ .

We proceed to calculate first approximations of probabilities of death within five years at exact quinquennial ages by the following relation:

$${}_5q_x = \frac{5 \cdot {}_5M_x}{1 + {}_5f_x \cdot {}_5M_x} \quad x = 5, 10, 15, \dots, 90$$

Probabilities of death within one year are interpolated from the probability of death within five years based on the relationship  $\ln(1 - {}_5q_x) = \ln(1 - q_x) + \ln(1 - q_{x+1}) + \dots + \ln(1 - q_{x+4})$ .

To accomplish the interpolation we apply a fourth degree osculatory formula developed by H.S. Beers to the natural logs of the complements of  ${}_5q_x$  values, as suggested by the equation above. Coefficients for starting and ending groups are as follows:

	${}_5q_5$	${}_5q_{10}$	${}_5q_{15}$	${}_5q_{20}$	${}_5q_{25}$	
$q_5$	.3333	-.1636	-.0210	.0796	-.0283	$q_{94}$
$q_6$	.2595	-.0780	.0130	.0100	-.0045	$q_{93}$
$q_7$	.1924	.0064	.0184	-.0256	.0084	$q_{92}$
$q_8$	.1329	.0844	.0054	-.0356	.0129	$q_{91}$
$q_9$	.0819	.1508	-.0158	-.0284	.0115	$q_{90}$
$q_{10}$	.0404	.2000	-.0344	-.0128	.0068	$q_{89}$
$q_{11}$	.0093	.2268	-.0402	.0028	.0013	$q_{88}$
$q_{12}$	-.0108	.2272	-.0248	.0112	-.0028	$q_{87}$
$q_{13}$	-.0198	.1992	.0172	.0072	-.0038	$q_{86}$
$q_{14}$	-.0191	.1468	.0822	-.0084	-.0015	$q_{85}$
	${}_5q_{90}$	${}_5q_{85}$	${}_5q_{80}$	${}_5q_{75}$	${}_5q_{70}$	

Coefficients for interior groups are as follows:

	${}_5q_{x-10}$	${}_5q_{x-5}$	${}_5q_x$	${}_5q_{x+5}$	${}_5q_{x+10}$	
$q_x$	-.0117	.0804	.1570	-.0284	.0027	$q_{x+4}$
$q_{x+1}$	-.0020	.0804	.1570	-.0400	.0060	$q_{x+3}$
$q_{x+2}$	.0050	-.0280	.2460	-.0280	.0050	$q_{x+2}$
$q_{x+3}$	.0060	-.0400	.2200	.0160	-.0020	$q_{x+1}$
$q_{x+4}$	.0027	-.0284	.1570	.0804	-.0117	$q_x$
	${}_5q_{x+10}$	${}_5q_{x+5}$	${}_5q_x$	${}_5q_{x-5}$	${}_5q_{x-10}$	

For subsequent iterations, the separation factors were revised based on the  ${}_5q_x$  of the previous iteration as follows:

$${}_5f_x = \frac{5}{{}_5q_x} - \frac{1}{{}_5\bar{m}_x} \quad x = 5, 10, 15, \dots, 90$$

The iteration process was continued until  ${}_5\bar{m}_x$  was acceptably close to  ${}_5M_x$  (within .00001) for  $x = 5, 10, 15, \dots, 90$ .

#### D. Death Rates at Ages 95 and Older

It has been observed that the mortality rates of women, though lower than those of men, tend to increase faster with advancing age than those of men. An analysis of the mortality of Social Security charter Old-Age Insurance beneficiaries has shown that at the very old ages mortality increased about five percent per year of age for men and about six percent per year for women. Probabilities of death at each age 95 and older were calculated as follows for men:

$$q_x = q_{x-1} \cdot \left( \frac{q_{94}}{q_{93}} \cdot \frac{99-x}{5} + 1.05 \cdot \frac{x-94}{5} \right) \quad x = 95, 96, 97, 98, 99$$

$$q_x = 1.05 \cdot q_{x-1} \quad x = 100, 101, 102, \dots$$

For women, the same formulas were used, except that 1.06 was substituted for 1.05. The larger rate of growth in female mortality would eventually, at a very high age, cause female mortality to be higher than male mortality. At the point where this crossover would occur, we set female mortality equal to male mortality. The life table values for  $l_x$ ,  $d_x$ ,  $L_x$ ,  $T_x$  and  $e_x$  were truncated at age 150. However, the life tables included in this study only show values through age 119.

#### E. Historical Trends and Projections

Any sound procedure for projecting mortality must begin with an analysis of past trends. In this actuarial study, the mortality experience in each year since 1900 has been summarized in age-adjusted central death rates in order to control for changes in the age distribution of the population. Rates were adjusted to the distribution of the 1990 U.S. resident census population. Final mortality data for both deaths and resident population,

was available for years through 1999. Table 1 shows age-adjusted historical rates for 1900 through 1999.

An examination of the age-adjusted central death rates reveals several distinct periods of mortality reduction since 1900, as shown in Table 5. During the period 1900-1936, annual mortality reduction summarized for all ages, averaged about 0.8 percent for males and 0.9 percent for females. During the following period, 1936-1954, there was more rapid reduction, averaging 1.6 percent per year for males and 2.5 percent per year for females. The period 1954-1968 saw a much slower reduction of 0.8 percent per year for females and an actual increase of 0.2 percent per year for males. From 1968-1982 rapid reduction in mortality resumed, averaging 1.8 percent for males and 2.2 percent for females, annually. From 1982-1999, mortality rates decreased an average of 0.9 percent per year for males and 0.4 percent for females. More detailed analysis of average annual percent reduction in age-adjusted central death rates for selected periods is shown in Table 5.

For the entire period 1900 to 1999, mortality, summarized over all ages, declined at an average annual rate of 0.96 percent for males and 1.26 percent for females. However, mortality has generally declined at a slower rate for older individuals, throughout the last century. Between 1900 and 1999, the age-adjusted rates for ages 65 and older declined at an average annual rate of 0.59 for males and 0.88 percent for females.

For the period 1982-1999, the average annual rate of improvement for females was considerably less than that for males for all of the age groups shown in Table 5. For earlier historical periods, the opposite is true, i.e., the average annual rate of improvement for males was less than that for females.

A number of extremely important developments have contributed to the rapid average rate of mortality improvement during the twentieth century. These developments include:

- Access to primary medical care for the general population
- Improved healthcare provided to mothers and babies
- Availability of immunizations
- Improvements in motor vehicle safety
- Clean water supply and waste removal
- Safer and more nutritious foods
- Rapid rate of growth in the general standard of living.

Each of these developments is expected to make a substantially smaller contribution to annual rates of mortality improvement in the future.

Future reductions in mortality will depend upon such factors as:

- Development and application of new diagnostic, surgical and life sustaining techniques
- Presence of environmental pollutants

- Improvements in exercise and nutrition
- Incidence of violence
- Isolation and treatment of causes of disease
- Emergence of new forms of disease
- Prevalence of cigarette smoking
- Misuse of drugs (including alcohol)
- Extent to which people assume responsibility for their own health
- Education regarding health
- Changes in our conception of the value of life
- Ability and willingness of our society to pay for the development of new treatments and technologies, and to provide these to the population as a whole.

Figure 1 shows historic and projected total male and female age-adjusted death rates per 100,000 population.

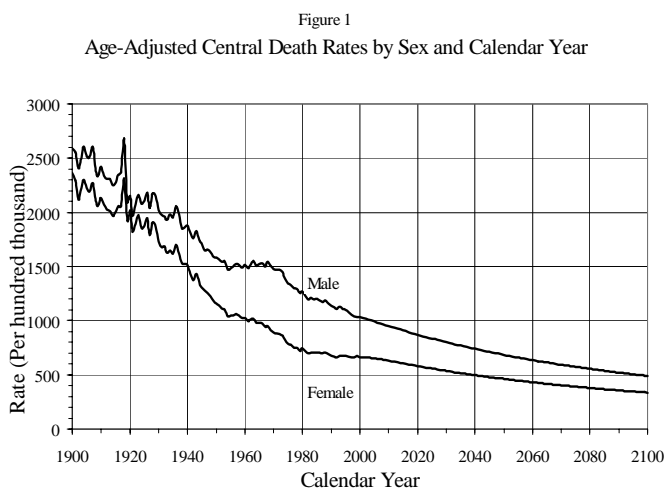


Table 5 compares historical and projected average annual percentage reductions in age-adjusted central death rates during selected periods. Future reductions for those under age 65 are projected to be relatively small compared with past reductions. Reductions for the aged are expected to continue at a relatively rapid pace, as further advances are made against degenerative diseases, such as heart and vascular disease. For males age 65 and older, the average projected rate of improvement over the period 2026-2076 (0.71 percent per year) is slightly higher than that experienced over the last century (0.59 percent per year). The projected rate of improvement for women age 65 and older for the period 2026-2076 (0.69 percent per year) is slightly lower than that assumed for men (0.71 percent per year), and only about three-fourths the rate experienced by aged women over the last century. This is consistent with the assumption that rates of mortality improvement for women, which had been faster than those for men until 1982, would ultimately be slightly less than those for males. Evidence that improvement for females will not always be faster than for males is apparent in data for years since 1981. The rate of improvement in mortality for aged women averaged only 0.22 percent per year during the period 1982-1999. This amount was less than one-third the average

rate of improvement for aged men during this period (0.79 percent). Table 5 shows that, for all ages combined, the average rate of improvement under the intermediate alternative for the period 2026-2076 is 0.78 percent per year for men and 0.72 percent per year for women.

Given these assumed average annual rates of reduction, the actual projections of death rates are constructed on the basis of a consistent set of cause-specific ultimate rates of reduction. Toward this end, death rates for the years 1979-1999 were calculated and analyzed by age group and sex for the following seven groups of causes of death, based on the Tenth Revision of the International List of Diseases and Causes of Death code numbers:

- |             |                     |   |
|-------------|---------------------|---|
| <b>I.</b>   | Heart Disease       | I00-I09,I11,I13,I20-I51                         |
| <b>II.</b>  | Cancer              | C00-C97   |
| <b>III.</b> | Vascular Disease    | I10, I12, I14-I19, I52-I78, N02,N03,N05-N07,N26 |
| <b>IV.</b>  | Violence            | V01-Y35, Y40-Y88, Y89.0, Y89.9                  |
| <b>V.</b>   | Respiratory Disease | J00-J98   |
| <b>VI.</b>  | Diabetes Mellitus   | E10-E14   |
| <b>VII.</b> | All Other Causes    |   |

Average annual percentage reductions in cause-specific death rates were calculated as the complement of the exponential of the slope of the least-squares line through the logarithms of the central death rates, multiplied by 100 to convert to percent form, and are given in Table 2. The sharpest reductions for the 1979 to 1999 period were in the categories of Heart Disease, averaging 2.1 percent and Vascular Disease, which averaged about 2.3 percent reduction per year. Violence averaged 1.1 percent reduction per year. On the other hand, Cancer, Respiratory Disease, Diabetes Mellitus and the residual group of Other Causes actually averaged an increase of about 0.2 to 2.0 percent per year.

Ultimate annual percentage reductions in central death rates by sex, age group, and cause of death were postulated for years after 2026. The broad age groups for which specific rates of reduction were selected are: under age 15, ages 15-49, ages 50-64, ages 65-84, and age 85 and older. The postulated ultimate annual percentage reductions are shown in Table 3.

Annual reductions in mortality by age, sex, and cause from 1999 to 2000 and from 2000 to 2001, were assumed to equal the average annual reductions observed for the period 1979-1999. For years after 2001, the reductions in mortality were assumed to change from initial levels of 100 percent of the average annual reductions observed for the period 1979-1999, to the postulated ultimate percentage reductions shown in Table 3, whenever these initial rates of reduction were positive. However, if the initial rates of reduction for a specific age, sex, and cause group was negative, the initial level was assumed to be 75 percent of the 1979-1999 average annual reduction. The postulated ultimate percentage

reductions were assumed to apply after the year 2026. Tables 4a and 4b show historical and projected age-adjusted central death rates by cause of death and sex for the period 1979-2100.

Even though ultimate annual percentage reductions in central death rates are postulated for the seven causes listed in Table 3, the resulting percentage reduction in age-adjusted central death rates for all causes combined are carefully reviewed, analyzed, and adjusted to assure consistency with the overall assumed rates of reduction. For each age and sex group, the decomposition of the percentage reduction by causes also provides a useful tool to test the reasonableness of the overall reduction.

## V. Results

Tables 6 and 7 show values for the functions  $q_x$ ,  $l_x$ ,  $d_x$ ,  $L_x$ ,  $T_x$ , and  $\dot{e}_x$  by age and sex for selected years. Table 6, the period table (by calendar year), presents values for every tenth year from 1900 through 2100. Table 7, the cohort table (by year of birth), includes every tenth year 1900 through 2000. The methods used to produce the values shown in these tables have been described in Section IV of this actuarial study.

For each calendar year, or cohort, death rates are relatively high in the first year after birth, decline very rapidly to a low point around age 10, and thereafter rise, in a roughly exponential fashion, before decelerating (or slowing their rate of increase) at the end of the life span. Cohort tables show less rapid increase in the death rate with advancing age than do period tables because cohort tables reflect in succeeding ages the general improvement in health and safety conditions that occur over time. Conversely, period tables show more rapid increase in death rates with increasing age because calendar year experience for each higher age does not reflect the improved mortality of the succeeding years.

Table 8 presents a summary comparison of one-year probabilities of death for selected ages, by sex and calendar year. This allows a more detailed year-by-year analysis of the improvement in age specific death rates over time than was presented in Table 6. The greatest relative improvement in mortality during the twentieth century occurred at the young ages, resulting largely from the control of infectious diseases. For each sex, the probability of death at age 0 decreased 95 percent between 1900 and 1999 and a further reduction of about 83 percent is projected between 2000 and 2100. At age 30, the decrease between 1900 and 1999 was 82 percent for males and 92 percent for females, reflecting the rapid decline in childbearing mortality experience for females. Over the period 1999-2100, further decreases of 55 and 51 percent for males and females respectively, are projected.

At ages 60, 65, and 70, shown in Table 8, the probability of death decreased by about 50 percent for males and by over 60

percent for females between 1900 and 1999. This large sex differential in mortality improvement is attributed partly to genetic factors and partly to environmental factors. If the genetic factors are more important, then the sex gap in mortality can be expected to remain large or even widen. If the environmental factors are more important, then the sex gap can be expected to close somewhat as women become increasingly subject to the same pressures and hazards as men. For example, during the period 1970 through 1980 when great strides were made in treating degenerative diseases affecting the cardiovascular system, male mortality at age 65 decreased 16 percent while female mortality decreased only 9 percent. Over the following 20-year period, from 1980-1999, male mortality at age 65 continued to decrease faster than female mortality, with male mortality decreasing 26 percent and female mortality decreasing only 9 percent. Increasing levels of tobacco use and job stress for women are expected to tend to narrow the gap in the future. Death rates are projected to decrease by about 55 percent for males and 50 percent for females in the 1999-2100 period.

At age 100, probability of death decreased by only about 17 percent for males and 28 percent for females in the last century. Between 2000 and 2100 decreases are projected to be somewhat greater at 40 percent for males and 42 percent for females reflecting expected increased future emphasis on those causes of death that most affect the aged.

Table 9 presents a summary comparison of cohort  $q_x$ 's, one-year probabilities of death at selected ages by sex and year of birth. The values in this table are the same as those in Table 8; however, they are organized so that relative levels of death probability at each age can be conveniently compared across cohorts rather than across calendar years of experience.

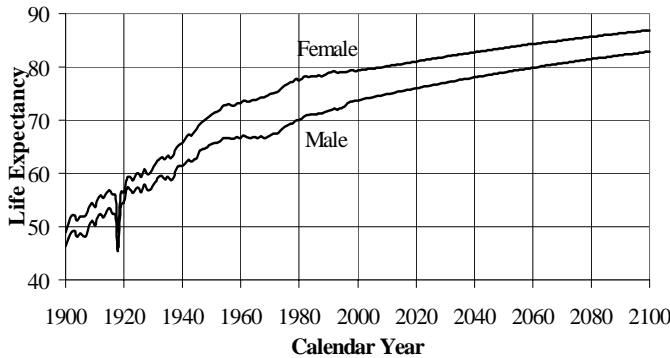
Table 10 presents life expectancy at selected ages, by sex and calendar year on a period basis. That is, life expectancy at a particular age for a specific year is based on the death rates for that and all higher ages that were, or are projected to be, experienced in that specific year. Life expectancy at age 0 for males increased 27.22 years from 46.41 years in 1900 to 73.63 years in 1999. During the same period, life expectancy at age 0 for females increased 30.26 years from 48.96 years to 79.22 years. Thus the sex gap in life expectancy at birth has increased from 2.55 years in 1900 to 5.59 years in 1999. However, the sex gap has declined from a level of 7.83 years for 1973 and is projected to continue declining at a slow rate reaching a difference of 5 years in 2025.

Rapid gains in life expectancy at age 0 occurred from 1900 through the mid 1950's for both males and females. From the mid 1950's through the early 1970's, male life expectancy at age 0 remained level, while female life expectancy at age 0 increased moderately. During the 1970's faster improvement resumed for both males and females. Life expectancy for males and females in the 1980's improved only slightly with males improving more than females. In the 1990's, life

expectancy has remained fairly constant for females, increasing only slightly for males.

Figure 2a shows life expectancy at age 0, by sex and calendar year, based on period life tables.

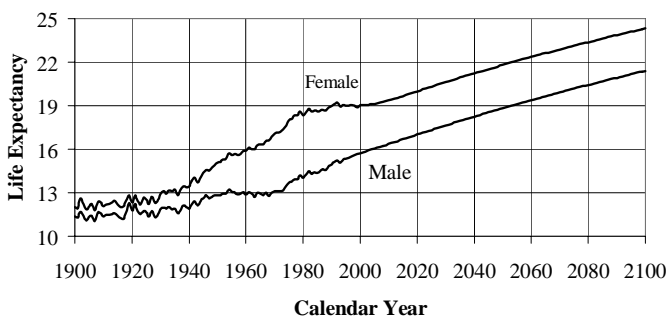
**Figure 2a**  
**Life Expectancy at Age 0**  
by Sex and Calendar Year  
(based on Period Tables)



Based on period life tables, life expectancy at age 65 for males increased from 11.3 years in 1900 to 15.7 years in 1999, while for females the increase was from 12.0 years to 18.9 years. Thus, the sex gap in life expectancy at age 65 has increased from 0.7 years to 3.2 years between 1900 and 1999. However, this sex gap diminished during the 1980's and 1990's and is projected to decrease only slightly in the future.

Figure 2b shows life expectancy at age 65, by sex and calendar year, based on period life tables.

**Figure 2b**  
**Life Expectancy at Age 65**  
by Sex and Calendar Year  
(based on Period Tables)

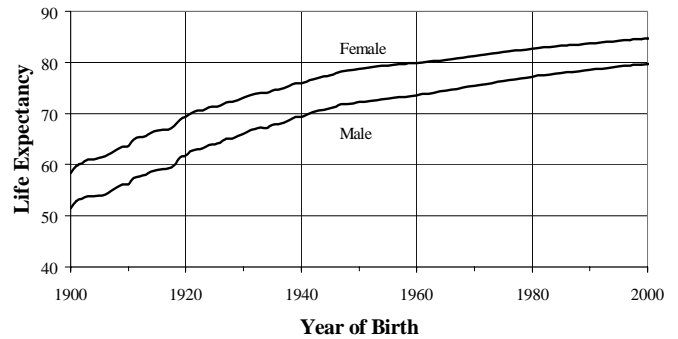


Little increase was experienced from 1900 to 1930. Since then, rapid gains occurred for females until the significant slowdown of the 1980's. The 1990's have been stable for females. For males, improvement has been rapid since the 1930's, but with a stable period during the 1950's and 1960's.

Table 11 shows, on a cohort basis, life expectancies at selected ages, by sex and year of birth. That is, life expectancy at a particular age for a specific year is based on death rates for that age in the specific year and for each higher age in each succeeding year. Life expectancies on a cohort basis tend to fluctuate less from year to year than do period-based life expectancies because of sudden and temporary events, such as a flu epidemic, which may affect the entire population, for a brief period of one or two years, but affect only one or two years of mortality experience for each of the cohorts alive during the period. Therefore, cohort life expectancies are more useful in analyzing subtle and gradual generational trends in mortality.

Figure 3 shows life expectancy at age 0, by sex and year of birth, based on cohort life tables.

**Figure 3**  
**Life Expectancy at Age 0**  
by Sex and Calendar Year  
(based on Cohort Tables)



Based on cohort life tables, life expectancy at age 0 for males increased 28.1 years from 51.5 years for births in 1900 to 79.6 years for births in 1999. During the same period, life expectancy at age 0 for females increased 26.2 years from 58.3 years to 84.5 years. Thus the sex gap in life expectancy at birth in a cohort has decreases from 6.8 years for births in 1900 to 4.9 years for births in 1999. However, substantial increases in the sex gap in life expectancy at birth were experienced during this period, reaching eight years for births in 1920, followed by a gradual decline to the projected gap for births in 1999.

Table 12 presents ratios of female to male values for life expectancies and for one-year probabilities of death, for selected ages and calendar years, based on period life tables. These ratios provide another perspective from which to consider sex differences.

Table 12 shows that the ratio of female to male life expectancy generally rose fairly steadily from 1900 through 1979 at ages 0 through 70. This ratio has declined since 1979 and is expected to continue to decline at a slow rate in the future. This trend reflects the general decline through 1970 in the ratio of female



to male death probabilities at the important ages 60 through 70, and the actual and projected increase, thereafter, in this ratio for these ages.

Table 12 also shows that the ratio of female to male life expectancy at age 100 was constant from 1900 through 1959 reflecting the fact that male and female death probabilities are estimated to have been essentially the same at this and higher ages throughout this period. Since 1959, however, the ratio of female to male life expectancy at age 100 has increased, and is projected to be around 1.14 after 1999.

Table 13 presents ratios of female to male values similar to those in Table 12, but based on cohort life tables. The ratio of female to male life expectancy declines steadily at ages 0 through 70, for cohorts born after 1906. This again reflects the increase throughout that period in the ratio of female to male death probabilities at the important early-elderly ages. Declines in the ratio of female to male life expectancy at age 100 reflect the past and projected increases in the ratio of female to male death probabilities at very high ages.

Table 14 presents the age for three selected survival rates, by sex and calendar year on a period basis. The median of the inverse survival distribution increased 22.0 years, from 55.1 years for males in 1900 to 77.1 in 1999. For females the increase was 24.4 years, from 58.2 years in 1900 to 82.6 years in 1999. Increases in future lifetime between 1999 and 2100 are projected to be 8.7 years for males and 6.9 years for females.

Figure 4a shows median lifetime by sex and calendar year, based on period life tables. The shapes of the survival function at  $S(x) = .5$  are similar to the shapes of the life expectancy curves at age 0, except that increases are smaller.

**Figure 4a**  
**Median Age at death ( $S(x) = .5$ )**  
by Sex and Calendar Year  
(based on Period Tables)

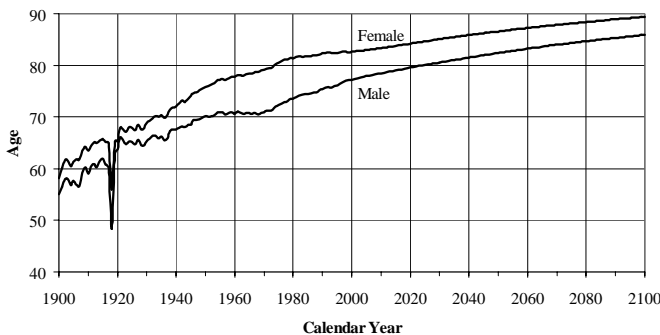


Table 14 shows that for the survival rate = .00001, the corresponding age for males increased from 104.4 years in 1900 to 109.8 years in 1999, while for females it increased from 104.9 years to 112.0 years. From 1999 to 2100, the age

for males is expected to increase by 9.8 years and for females by 9.1 years. This trend runs counter to the widely held belief that the age attained by the oldest survivors in the population has risen little, if at all, during the twentieth century.

Figure 4b shows the extreme old age, age  $x$  such that  $S(x) = .00001$ , by sex and calendar year, based on period life tables.  $X$ , such that  $S(x) = .00001$  increased very little from 1900 through 1930. Between 1930 and 1954, and again between 1963 and 1982, saw a rapid increase in age. Since 1982, age  $x$  for  $S(x) = .00001$  has decreased for both males and females. For the period 1999,  $x$  such that  $S(x) = .00001$  is projected to rise steadily and slowly at about .1 year per year for males and .05 year per year for females.

**Figure 4b**  
**Age at which  $S(x) = 0.00001$**   
by Sex and Calendar Year  
(based on Period Tables)

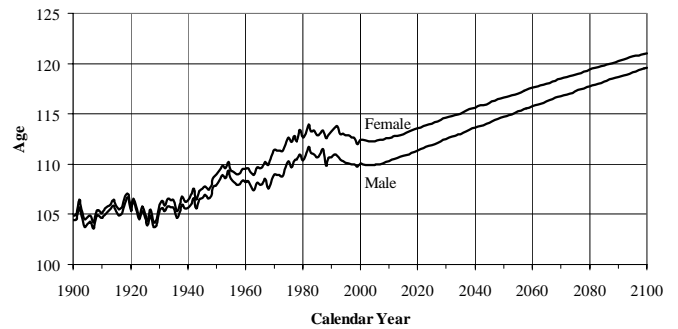
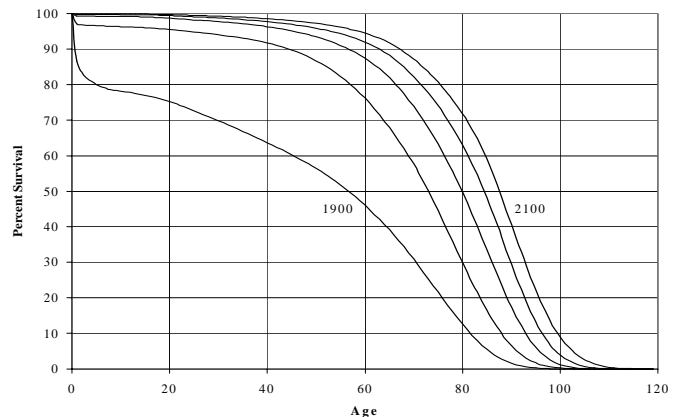


Figure 5 presents the population survival curves based on period life tables for selected calendar years. Great strides were made in the twentieth century toward eliminating the hazards to survival which existed at the young ages in the early

**Figure 5**  
**Survival Function for SSA Population**  
for Selected Calendar Years (1900, 1950, 2000, 2050, 2100)  
(based on Period Tables)



1900's. Very little additional improvement to survival rates is possible at these young ages. Survival rates at the older ages

are projected to continue to improve steadily. Projected gains in the probability of surviving to age 90 during the next 50 years are about the same as experienced during the past 50 years. For age 100, projected gains are much greater than for the past. Figure 5 shows population survival curves based on period life tables for, from left to right, 1900, 1950, 2000 and projected years 2050 and 2100.

Although the shape of the survivorship curve has become somewhat more rectangular (less diagonal) through time, it appears that very little additional rectangularization will occur because survival rates are already so high at the young ages and are expected to continue increasing at older ages. The so-called "curve squaring" concept, though appealing to many, simply cannot be supported by the mathematics of mortality. The age at which the survivorship curve comes close to zero, through the compounding of single-year probabilities of survival, has increased greatly during the twentieth century and will continue to increase, as further strides are made against degenerative diseases. That mortality rates are found to continue to decline, at every age for which adequate data is available, demonstrates that no absolute limit to the biological life span for humans has yet been reached, and that such a limit is unlikely to exist.

**Table 1 – Age-Adjusted Central Death Rates by Sex, Under Age 65, Age 65 and Over  
and Calendar Year**

(Per hundred thousand)

Calendar Year	Total			Male			Female		
	Total	Under 65	65 and Over	Total	Under 65	65 and Over	Total	Under 65	65 and Over
1900	2,463.7	1,376.3	10,078.8	2,592.4	1,447.1	10,612.3	2,361.2	1,306.2	9,748.9
1901	2,413.2	1,312.7	10,119.6	2,558.1	1,399.7	10,669.7	2,295.9	1,226.8	9,782.3
1902	2,244.4	1,240.0	9,277.9	2,406.7	1,326.6	9,970.1	2,118.1	1,155.3	8,860.1
1903	2,317.1	1,243.6	9,834.6	2,466.4	1,327.5	10,441.2	2,197.7	1,161.3	9,455.7
1904	2,436.6	1,303.6	10,370.8	2,604.7	1,399.6	11,043.3	2,303.6	1,210.2	9,960.4
1905	2,356.9	1,261.6	10,026.5	2,514.2	1,355.8	10,626.5	2,231.0	1,169.5	9,664.2
1906	2,336.7	1,265.9	9,835.0	2,509.5	1,379.6	10,421.9	2,192.9	1,154.6	9,464.1
1907	2,424.9	1,272.2	10,496.8	2,607.5	1,398.9	11,070.5	2,269.5	1,148.3	10,120.8
1908	2,232.8	1,170.2	9,673.8	2,381.0	1,269.5	10,163.9	2,107.6	1,073.1	9,352.5
1909	2,180.3	1,123.0	9,584.4	2,332.0	1,218.7	10,127.8	2,055.4	1,029.5	9,239.8
1910	2,266.1	1,170.6	9,937.0	2,422.3	1,276.8	10,443.9	2,134.0	1,067.0	9,605.7
1911	2,192.2	1,104.9	9,805.7	2,335.5	1,201.1	10,279.1	2,070.6	1,011.3	9,488.6
1912	2,153.6	1,074.1	9,712.6	2,307.1	1,177.6	10,216.5	2,023.6	973.4	9,377.7
1913	2,151.4	1,094.3	9,554.3	2,312.3	1,203.7	10,075.3	2,014.9	987.6	9,208.4
1914	2,099.0	1,050.3	9,442.3	2,251.8	1,147.6	9,984.0	1,971.3	955.6	9,084.1
1915	2,118.4	1,026.0	9,767.9	2,262.8	1,117.4	10,283.9	1,999.3	936.9	9,438.4
1916	2,189.0	1,070.3	10,022.6	2,344.2	1,173.5	10,542.7	2,057.9	969.8	9,677.5
1917	2,197.3	1,085.3	9,984.1	2,366.0	1,195.9	10,559.5	2,055.7	977.6	9,605.8
1918	2,481.8	1,516.7	9,239.8	2,673.2	1,657.5	9,785.8	2,316.6	1,378.8	8,883.2
1919	1,998.0	1,029.2	8,782.2	2,094.6	1,083.9	9,172.2	1,921.1	975.6	8,542.4
1920	2,079.2	1,008.2	9,579.3	2,157.0	1,044.2	9,949.9	2,018.5	972.5	9,343.2
1921	1,888.0	867.3	9,036.1	1,966.3	909.1	9,369.3	1,824.0	826.1	8,811.6
1922	1,973.3	878.9	9,636.9	2,068.8	931.8	10,030.9	1,893.6	827.4	9,359.6
1923	2,059.5	906.8	10,131.1	2,160.6	967.8	10,513.4	1,973.6	847.7	9,858.3
1924	1,955.7	868.5	9,568.9	2,079.7	934.2	10,101.2	1,854.5	804.9	9,204.6
1925	1,982.5	868.1	9,785.9	2,107.8	933.9	10,327.9	1,880.8	804.5	9,417.5
1926	2,055.1	894.5	10,182.3	2,185.3	963.7	10,739.3	1,949.0	827.6	9,801.6
1927	1,901.4	835.2	9,367.9	2,041.6	905.8	9,994.9	1,790.2	767.1	8,953.9
1928	2,027.8	884.5	10,033.9	2,176.1	962.0	10,678.3	1,908.7	809.7	9,604.8
1929	1,987.7	876.0	9,772.6	2,142.7	958.1	10,438.3	1,864.0	796.9	9,336.3
1930	1,856.3	834.0	9,014.9	2,017.0	918.4	9,710.6	1,729.4	752.8	8,568.4
1931	1,805.6	808.2	8,790.2	1,974.4	893.4	9,544.4	1,674.9	726.2	8,318.2
1932	1,805.4	771.9	9,042.8	1,959.8	849.7	9,733.9	1,685.5	697.4	8,604.4
1933	1,760.0	760.5	8,758.6	1,929.5	845.3	9,521.8	1,629.0	679.4	8,278.1
1934	1,793.9	781.9	8,880.5	1,979.6	877.6	9,697.1	1,648.8	690.2	8,361.2

**Table 1 – Age-Adjusted Central Death Rates by Sex, Under Age 65, Age 65 and Over  
and Calendar Year**

(Per hundred thousand)

Calendar Year	Total			Male			Female		
	Total	Under 65	65 and Over	Total	Under 65	65 and Over	Total	Under 65	65 and Over
1935	1,762.4	758.3	8,793.6	1,950.3	854.6	9,623.7	1,615.8	666.0	8,266.4
1936	1,857.2	782.7	9,381.7	2,058.0	890.1	10,236.1	1,698.9	679.9	8,834.2
1937	1,779.7	754.7	8,957.4	1,985.6	862.1	9,852.7	1,618.5	652.1	8,385.4
1938	1,669.9	692.3	8,516.0	1,852.2	785.9	9,318.7	1,526.9	602.8	7,997.8
1939	1,668.7	665.8	8,691.4	1,854.3	759.6	9,520.6	1,523.6	576.5	8,156.4
1940	1,672.6	656.1	8,791.1	1,877.8	759.6	9,708.1	1,512.1	557.7	8,196.1
1941	1,599.2	634.2	8,357.2	1,815.2	740.0	9,344.8	1,432.7	533.6	7,728.7
1942	1,544.6	610.9	8,083.0	1,758.3	721.0	9,022.4	1,377.2	506.1	7,476.9
1943	1,603.8	612.4	8,546.2	1,824.6	724.7	9,526.9	1,432.0	505.4	7,920.7
1944	1,529.9	594.1	8,082.8	1,745.0	710.5	8,988.7	1,359.0	483.0	7,493.7
1945	1,488.6	584.4	7,820.1	1,716.2	710.1	8,761.8	1,307.4	464.3	7,211.0
1946	1,438.5	552.8	7,641.1	1,646.6	663.3	8,532.3	1,274.1	448.0	7,059.1
1947	1,432.3	523.8	7,794.1	1,655.6	635.8	8,797.1	1,258.6	418.1	7,144.6
1948	1,401.7	511.6	7,634.5	1,633.0	626.1	8,683.9	1,222.4	403.5	6,956.5
1949	1,360.5	494.5	7,424.7	1,592.2	607.5	8,487.1	1,180.7	387.8	6,732.9
1950	1,339.9	480.0	7,361.7	1,580.5	592.6	8,498.2	1,155.0	373.8	6,625.9
1951	1,328.4	475.3	7,302.6	1,570.1	591.2	8,425.3	1,140.3	365.9	6,562.9
1952	1,303.8	469.6	7,145.7	1,543.0	588.4	8,227.5	1,115.1	357.5	6,420.9
1953	1,294.1	456.6	7,158.4	1,541.2	577.5	8,289.4	1,100.2	342.7	6,404.7
1954	1,228.2	430.7	6,812.7	1,467.0	545.5	7,920.3	1,040.3	322.5	6,067.3
1955	1,243.0	424.7	6,973.6	1,488.6	541.4	8,121.4	1,050.3	314.8	6,201.0
1956	1,242.6	423.0	6,982.1	1,497.1	541.6	8,187.7	1,044.5	311.3	6,178.6
1957	1,263.6	430.6	7,096.9	1,525.8	551.6	8,347.2	1,059.9	316.9	6,262.5
1958	1,250.8	421.8	7,056.3	1,514.5	541.4	8,329.3	1,046.8	309.4	6,210.8
1959	1,227.3	416.0	6,909.0	1,493.5	537.1	8,190.7	1,021.6	302.1	6,059.8
1960	1,237.9	418.8	6,973.1	1,518.1	541.6	8,356.5	1,023.2	303.5	6,062.6
1961	1,207.3	406.1	6,817.6	1,485.2	525.7	8,204.1	995.6	293.8	5,910.1
1962	1,228.3	410.5	6,954.9	1,516.3	531.3	8,414.0	1,010.6	297.2	6,006.2
1963	1,247.5	416.6	7,066.2	1,552.4	540.6	8,637.9	1,018.7	300.2	6,049.7
1964	1,209.7	413.4	6,786.1	1,508.6	538.3	8,303.5	983.7	296.2	5,798.2
1965	1,210.8	411.7	6,806.6	1,522.9	538.5	8,416.3	977.0	292.9	5,768.1
1966	1,214.1	413.2	6,822.8	1,532.2	543.8	8,453.0	975.3	290.7	5,769.8
1967	1,182.3	406.0	6,618.5	1,501.7	535.8	8,265.8	943.1	284.1	5,558.1
1968	1,202.1	416.0	6,707.0	1,545.4	550.0	8,516.2	947.9	290.1	5,554.0
1969	1,166.2	409.4	6,465.8	1,505.4	542.8	8,246.3	914.7	284.0	5,331.6

**Table 1 – Age-Adjusted Central Death Rates by Sex, Under Age 65, Age 65 and Over  
and Calendar Year**

(Per hundred thousand)

Calendar Year	Total			Male			Female		
	Total	Under 65	65 and Over	Total	Under 65	65 and Over	Total	Under 65	65 and Over
1970	1,138.4	403.7	6,283.5	1,476.1	534.2	8,071.9	889.1	280.9	5,147.7
1971	1,130.3	391.9	6,300.5	1,467.3	518.4	8,112.2	882.6	273.0	5,151.4
1972	1,126.1	389.3	6,285.1	1,470.1	517.8	8,138.2	873.6	268.5	5,110.3
1973	1,108.8	383.4	6,188.7	1,451.5	509.4	8,048.3	858.0	264.7	5,012.1
1974	1,063.3	367.0	5,939.7	1,391.4	487.5	7,721.2	822.9	253.5	4,810.4
1975	1,020.9	352.5	5,701.7	1,345.5	469.1	7,482.0	784.4	242.7	4,577.3
1976	1,010.1	343.0	5,681.6	1,331.7	455.3	7,468.7	777.0	237.4	4,555.3
1977	981.8	334.4	5,515.1	1,300.2	444.3	7,293.3	751.6	230.9	4,397.6
1978	976.3	328.8	5,510.9	1,291.1	436.6	7,274.9	748.8	227.2	4,401.6
1979	944.8	318.7	5,329.5	1,253.0	424.8	7,052.6	722.4	218.6	4,249.7
1980	961.1	316.8	5,473.1	1,270.2	420.9	7,217.4	739.2	218.5	4,386.0
1981	934.5	308.2	5,320.1	1,235.1	408.3	7,024.6	719.1	213.8	4,257.8
1982	906.4	297.7	5,168.9	1,196.3	393.3	6,819.8	698.9	207.5	4,140.3
1983	916.0	292.7	5,281.2	1,208.6	385.1	6,975.6	708.4	205.7	4,229.0
1984	909.2	290.5	5,241.7	1,197.0	382.1	6,903.7	705.4	204.2	4,215.3
1985	912.3	289.9	5,270.4	1,202.0	382.5	6,941.2	707.2	202.6	4,240.6
1986	904.8	289.6	5,213.2	1,189.0	382.7	6,835.9	702.9	201.5	4,213.9
1987	895.6	287.0	5,157.7	1,173.8	378.8	6,741.4	697.9	200.2	4,183.1
1988	906.0	287.0	5,241.0	1,190.9	378.5	6,880.7	705.8	200.3	4,245.3
1989	882.4	282.9	5,080.2	1,156.7	374.0	6,638.0	688.8	196.6	4,135.2
1990	865.8	277.5	4,985.5	1,137.0	367.4	6,526.4	674.9	192.2	4,054.9
1991	854.8	275.2	4,913.5	1,121.5	363.9	6,427.0	667.3	190.9	4,003.9
1992	843.7	269.7	4,862.5	1,107.1	357.0	6,360.0	659.3	186.8	3,967.9
1993	863.5	273.3	4,996.0	1,127.8	361.4	6,494.7	678.2	189.6	4,099.8
1994	852.4	271.2	4,922.3	1,108.8	358.7	6,361.6	672.7	188.1	4,066.9
1995	850.1	268.3	4,923.8	1,100.5	353.3	6,332.6	674.7	187.5	4,086.5
1996	837.1	257.8	4,894.0	1,077.0	335.7	6,268.1	670.6	183.8	4,079.2
1997	822.5	246.1	4,858.9	1,053.2	316.5	6,212.1	664.3	179.4	4,059.3
1998	816.0	240.0	4,849.5	1,036.7	307.6	6,142.8	664.4	175.9	4,084.9
1999	820.6	238.4	4,898.0	1,035.4	304.4	6,154.3	673.3	175.7	4,157.3

Note: The age-adjusted central death rate is the weighted average of the age-specific central death rates for a particular sex and year. The weights used for this table are the number of people in the corresponding age groups of the 1990 U.S. census population.

**Table 2 – Average Annual Percentage Reductions in Central Death Rates  
During 1979 - 1999 by Age Group, Sex, and Cause of Death**

Sex and age group	Cause of Death							
	Total	Heart Disease	Cancer	Vascular Disease	Violence	Respiratory Disease	Diabetes Mellitus	Other
		I	II	III	IV	V	VI	VII
<b>Male:</b>								
0	3.04	2.84	3.30	-1.37	0.86	4.21	4.78	3.11
1-4	3.04	3.13	3.18	1.27	3.22	3.55	2.72	2.73
5-9	3.00	1.33	3.45	2.63	3.77	1.20	2.60	1.32
10-14	1.75	0.27	2.38	0.59	2.24	-0.41	1.78	0.38
15-19	1.09	-0.59	2.11	2.65	1.18	0.49	-2.53	-0.09
20-24	1.27	-0.20	1.35	2.34	1.50	0.43	-0.83	-0.68
25-29	1.03	0.21	1.28	2.16	1.87	0.62	-0.28	-2.62
30-34	-0.03	0.77	0.93	1.59	1.44	0.51	-0.45	-4.25
35-39	-0.25	2.01	1.29	1.44	0.85	0.38	-0.99	-4.09
40-44	0.24	2.91	1.50	1.31	0.54	0.56	-1.79	-3.38
45-49	1.13	3.17	1.61	1.49	1.02	1.10	-2.68	-1.94
50-54	1.82	3.29	1.53	1.95	1.75	1.64	-3.11	-0.09
55-59	1.86	3.34	1.10	2.01	1.86	1.19	-3.15	0.65
60-64	1.62	3.13	0.56	2.23	1.83	0.73	-3.14	0.78
65-69	1.34	2.93	0.08	2.45	1.48	0.18	-3.25	0.59
70-74	1.45	3.04	0.13	2.92	1.42	0.18	-2.79	0.27
75-79	1.21	2.68	-0.04	2.80	1.15	-0.30	-2.57	-0.46
80-84	0.69	2.06	-0.50	2.55	0.22	-1.16	-2.68	-1.35
85-89	0.18	1.41	-1.02	2.16	-0.17	-1.88	-3.04	-2.01
90-94	-0.31	0.85	-1.66	1.76	-0.95	-2.64	-3.37	-2.63
0-14	2.92	2.43	3.03	-0.20	2.73	3.41	2.76	2.98
15-49	0.58	2.57	1.47	1.52	1.27	0.69	-1.65	-3.07
50-64	1.74	3.23	0.91	2.12	1.81	0.99	-3.14	0.51
65-84	1.15	2.64	-0.06	2.69	1.07	-0.36	-2.80	-0.36
85+	-0.20	0.96	-1.35	1.86	-0.58	-2.46	-3.20	-2.50
0-64	1.38	3.06	1.06	1.93	1.45	1.09	-2.66	-0.19
65+	0.78	2.13	-0.28	2.40	0.65	-0.99	-2.88	-1.07
<b>Total</b>	<b>0.94</b>	<b>2.32</b>	<b>0.08</b>	<b>2.34</b>	<b>1.26</b>	<b>-0.71</b>	<b>-2.83</b>	<b>-0.74</b>

**Table 2 – Average Annual Percentage Reductions in Central Death Rates  
During 1979 - 1999 by Age Group, Sex, and Cause of Death**

Sex and age group	Cause of Death							
	Total	Heart Disease	Cancer	Vascular Disease	Violence	Respiratory Disease	Diabetes Mellitus	Other
		I	II	III	IV	V	VI	VII
Female:								
0	2.88	1.85	2.69	-1.71	1.06	4.42	2.43	2.96
1-4	2.83	3.40	2.66	1.03	2.93	3.52	5.20	2.63
5-9	2.38	2.38	2.49	4.22	2.75	2.02	4.06	1.73
10-14	1.26	0.85	1.93	2.44	1.26	0.27	4.59	1.02
15-19	0.89	-0.26	1.21	3.29	0.85	0.49	0.18	1.13
20-24	1.18	-0.45	0.47	2.63	1.89	-0.29	-0.83	-0.15
25-29	0.50	-0.49	0.66	2.09	1.46	-0.53	-0.13	-1.20
30-34	-0.14	-0.47	1.32	1.50	0.52	-0.50	-0.85	-2.19
35-39	-0.05	0.31	1.59	1.47	0.05	-0.63	-0.38	-2.24
40-44	0.72	1.80	1.69	1.89	0.51	-0.63	-1.21	-1.16
45-49	1.27	2.33	1.51	2.39	1.11	-0.02	-1.70	0.16
50-54	1.32	2.43	1.19	2.11	1.55	-0.54	-1.95	1.00
55-59	0.98	2.33	0.51	1.85	1.63	-1.48	-2.40	1.57
60-64	0.69	2.44	-0.16	1.95	1.55	-2.28	-2.19	1.71
65-69	0.31	2.40	-0.93	1.85	0.88	-3.24	-2.31	1.03
70-74	0.46	2.69	-1.19	2.23	1.04	-3.70	-1.85	0.13
75-79	0.48	2.58	-1.30	2.36	0.59	-4.25	-1.50	-1.07
80-84	0.46	2.21	-1.11	2.42	0.38	-4.25	-1.43	-2.20
85-89	0.32	1.59	-0.42	2.41	0.22	-3.40	-1.47	-3.17
90-94	-0.05	1.05	-0.52	2.12	0.11	-3.35	-1.92	-3.87
0-14	2.72	2.12	2.38	0.15	2.19	3.59	4.66	2.85
15-49	0.66	1.36	1.47	2.00	0.91	-0.35	-1.07	-1.08
50-64	0.91	2.41	0.35	1.95	1.58	-1.76	-2.21	1.39
65-84	0.44	2.45	-1.13	2.29	0.70	-3.92	-1.75	-0.91
85+	-0.03	1.11	-0.56	2.13	-0.07	-3.53	-1.74	-3.66
0-64	1.03	2.17	0.68	1.94	1.19	-0.97	-1.88	1.09
65+	0.28	1.94	-1.06	2.22	0.47	-3.80	-1.75	-1.97
Total	0.47	1.97	-0.44	2.19	0.97	-3.29	-1.78	-0.88

Note: The average annual percentage reduction is the complement of the exponential of the slope of the least squares line through the logarithms of the central death rates.

**Table 3 – Historical and Assumed Ultimate Average Annual Percentage Reductions in Central Death Rates by Sex, Age Group and Cause of Death**

	Male		Female	
	1979 to 1999	Assumed Ultimate	1979 to 1999	Assumed Ultimate
<b>Under Age 15</b>				
Heart Disease	2.43	1.0	2.12	1.0
Cancer	3.03	2.0	2.38	2.0
Vascular Disease	-0.20	0.6	0.15	0.6
Violence	2.73	0.9	2.19	0.9
Respiratory Disease	3.41	2.5	3.59	2.5
Diabetes Mellitus	2.76	1.8	4.66	1.8
Other	2.98	1.8	2.85	1.8
Total	2.92	1.5	2.72	1.6
<b>Ages 15 - 49</b>				
Heart Disease	2.57	2.3	1.36	2.2
Cancer	1.47	0.5	1.47	0.5
Vascular Disease	1.52	1.8	2.00	1.8
Violence	1.27	0.8	0.91	0.8
Respiratory Disease	0.69	0.5	-0.35	0.5
Diabetes Mellitus	-1.65	0.3	-1.08	0.3
Other	-3.08	0.8	-1.08	0.6
Total	0.58	0.9	0.66	0.7
<b>Ages 50 - 64</b>				
Heart Disease	3.23	2.0	2.41	2.2
Cancer	0.91	0.4	0.35	0.4
Vascular Disease	2.12	1.5	1.95	1.6
Violence	1.81	0.8	1.58	0.8
Respiratory Disease	0.99	0.6	-1.76	0.7
Diabetes Mellitus	-3.14	0.3	-2.21	0.3
Other	0.51	0.9	1.39	0.8
Total	1.74	0.8	0.91	0.7
<b>Ages 65 - 84</b>				
Heart Disease	2.64	1.7	2.45	1.8
Cancer	-0.06	0.5	-1.13	0.5
Vascular Disease	2.69	2.5	2.29	2.6
Violence	1.07	1.2	0.70	1.2
Respiratory Disease	-0.36	0.2	-3.92	0.2
Diabetes Mellitus	-2.80	0.6	-1.75	0.6
Other	-0.36	0.3	-0.91	0.3
Total	1.15	0.7	0.44	0.7
<b>Ages 85 and older</b>				
Heart Disease	0.96	1.2	1.11	1.2
Cancer	-1.35	0.4	-0.56	0.3
Vascular Disease	1.86	1.9	2.13	1.8
Violence	-0.58	0.9	-0.07	0.9
Respiratory Disease	-2.46	0.2	-3.53	0.2
Diabetes Mellitus	-3.20	0.6	-1.74	0.5
Other	-2.50	0.2	-3.66	0.2
Total	-0.20	0.6	-0.03	0.6



**Table 4a – Male Age-Adjusted Central Death Rates (per 100,000) by Cause of Death 1979-2100**

Calendar Year	Cause of Death							
	Total	Heart Disease	Cancer	Vascular Disease	Violence	Respiratory Disease	Diabetes Mellitus	Other
1979	1,253.0	489.7	256.6	140.6	112.3	83.7	16.9	153.1
1980	1,270.2	494.1	259.2	138.3	112.0	91.7	17.2	157.7
1981	1,235.1	478.6	257.3	129.0	107.3	91.4	16.7	154.7
1982	1,196.3	463.1	258.3	120.7	100.4	87.2	16.2	150.4
1983	1,208.6	465.1	261.5	118.3	96.7	94.5	16.6	155.9
1984	1,197.0	452.1	262.6	113.9	96.2	96.1	16.7	159.4
1985	1,202.0	446.4	263.1	110.1	95.6	102.6	16.8	167.4
1986	1,189.0	431.3	263.7	105.5	98.0	102.6	16.6	171.3
1987	1,173.8	418.2	264.0	103.4	96.1	100.4	17.2	174.5
1988	1,190.9	419.1	266.7	104.1	97.2	106.0	17.9	179.9
1989	1,156.7	393.2	268.1	98.7	95.2	102.0	20.4	179.0
1990	1,137.0	379.2	269.5	95.7	94.3	102.3	20.7	175.3
1991	1,121.5	369.6	268.6	93.1	92.6	101.2	21.0	175.4
1992	1,107.1	361.8	268.0	91.5	89.7	98.9	21.3	175.9
1993	1,127.8	365.5	268.2	93.1	91.7	103.8	22.7	182.8
1994	1,108.8	352.5	264.8	92.2	90.9	101.0	23.5	183.9
1995	1,100.5	347.3	262.1	92.1	89.3	100.1	24.4	185.0
1996	1,077.0	339.1	258.4	91.3	87.3	99.6	25.4	175.8
1997	1,053.2	329.5	253.6	89.9	85.7	101.4	25.5	167.5
1998	1,036.7	320.5	249.5	86.2	84.5	102.7	26.3	167.0
1999	1,035.4	317.6	247.1	83.9	81.9	103.6	27.0	174.3
2000	1,029.5	309.7	249.8	84.0	82.4	102.5	27.9	173.2
2001	1,021.9	302.8	249.6	82.0	81.4	103.1	28.5	174.4
2002	1,014.7	296.1	249.5	80.1	80.4	103.8	29.2	175.6
2005	991.7	278.8	248.0	74.8	77.8	104.9	30.2	177.2
2010	951.0	255.0	243.6	67.0	74.1	104.9	30.5	175.8
2015	910.5	234.5	238.4	60.0	70.8	104.1	30.1	172.5
2020	871.8	216.1	233.0	53.8	67.7	103.0	29.4	168.7
2025	835.3	199.4	227.6	48.2	64.8	101.8	28.7	164.7
2030	801.1	184.0	222.4	43.3	62.0	100.6	28.0	160.8
2040	738.9	156.8	212.2	34.9	56.8	98.2	26.5	153.5
2050	684.3	133.8	202.5	28.2	52.0	95.9	25.2	146.7
2060	635.9	114.3	193.2	22.8	47.6	93.7	23.9	140.4
2070	592.9	97.7	184.4	18.5	43.6	91.6	22.7	134.5
2080	554.5	83.6	176.0	15.0	40.0	89.5	21.6	128.9
2090	520.1	71.6	167.9	12.2	36.7	87.5	20.5	123.8
2100	489.0	61.4	160.3	9.9	33.6	85.5	19.5	118.9

**Table 4b – Female Age-Adjusted Central Death Rates (per 100,000) by Cause of Death 1979-2100**

Calendar Year	Cause of Death							
	Total	Heart Disease	Cancer	Vascular Disease	Violence	Respiratory Disease	Diabetes Mellitus	Other
1979	722.4	273.8	152.8	108.5	38.4	31.2	16.2	101.5
1980	739.2	280.0	155.7	106.8	37.8	36.5	16.7	105.8
1981	719.1	269.8	155.6	100.2	36.1	37.0	16.2	104.1
1982	698.9	262.2	156.6	93.3	33.9	35.2	15.7	101.9
1983	708.4	264.9	158.4	91.1	33.3	40.0	16.4	104.4
1984	705.4	258.6	160.8	88.2	33.2	41.8	15.6	107.2
1985	707.2	255.1	161.1	85.4	32.9	46.3	15.8	110.5
1986	702.9	250.5	162.1	82.3	33.4	47.3	15.7	111.6
1987	697.9	244.8	162.0	80.5	33.3	48.0	15.7	113.5
1988	705.8	243.9	163.3	79.6	33.7	52.0	16.3	117.1
1989	688.8	229.6	165.0	75.4	33.0	52.5	18.6	114.7
1990	674.9	220.8	165.6	73.1	31.8	52.9	18.5	112.2
1991	667.3	215.7	166.2	70.8	31.3	53.6	18.4	111.4
1992	659.3	210.8	166.3	69.8	30.1	52.9	18.5	110.8
1993	678.2	214.9	166.8	71.2	31.2	57.7	19.5	116.8
1994	672.7	208.0	166.8	71.3	30.7	57.3	20.2	118.5
1995	674.7	206.1	166.4	71.9	30.9	57.7	20.7	121.0
1996	670.6	201.6	164.9	71.7	31.1	59.1	21.1	121.1
1997	664.3	196.5	163.0	70.6	30.8	60.2	20.9	122.4
1998	664.4	193.4	161.3	69.6	31.1	62.7	21.0	125.4
1999	673.3	194.0	178.6	69.3	30.5	64.6	21.7	114.6
2000	663.7	188.0	168.4	67.9	30.2	65.2	22.2	121.8
2001	662.1	184.4	168.9	66.4	30.0	66.9	22.5	123.0
2002	660.7	180.9	169.5	65.0	29.7	68.6	22.8	124.2
2005	652.3	171.4	169.9	60.8	28.9	72.0	23.3	126.1
2010	630.6	157.4	167.9	54.5	27.6	73.9	23.3	126.0
2015	605.9	145.0	164.7	48.8	26.4	73.9	22.9	124.3
2020	581.4	133.7	161.2	43.7	25.2	73.2	22.4	122.0
2025	558.0	123.3	157.5	39.2	24.1	72.4	21.8	119.7
2030	536.0	113.8	153.9	35.2	23.0	71.5	21.3	117.3
2040	496.1	97.1	147.0	28.3	21.0	69.7	20.2	112.8
2050	461.1	82.9	140.4	22.9	19.2	67.9	19.2	108.6
2060	430.2	70.8	134.1	18.5	17.6	66.2	18.3	104.7
2070	402.7	60.6	128.1	15.0	16.1	64.6	17.4	101.0
2080	378.2	52.0	122.3	12.2	14.7	63.1	16.5	97.5
2090	356.3	44.6	116.9	9.9	13.4	61.6	15.7	94.2
2100	336.4	38.3	111.7	8.1	12.3	60.1	14.9	91.1

**Table 5 – Average Annual Percentage Reductions in Age-Adjusted Central Death Rates  
for Selected Periods**

Age and Sex	1900-1936	1936-1954	1954-1968	1968-1982	1982-1999	1900-1999	1999-2026	2026-2076	1999-2076
<b>Male:</b>									
0 -14	2.91	4.75	1.66	4.39	2.90	3.28	1.86	1.53	1.65
15-49	1.54	3.19	-0.30	2.14	0.45	1.48	0.80	0.85	0.83
50-64	0.41	0.94	-0.15	2.27	1.77	0.93	1.07	0.83	0.91
65-84	0.20	1.15	-0.13	1.47	1.22	0.68	0.90	0.74	0.80
85+	0.22	1.21	-0.89	1.56	-0.32	0.34	0.54	0.64	0.60
65+	0.20	1.16	-0.33	1.49	0.79	0.59	0.79	0.71	0.73
Total	0.78	1.60	-0.21	1.78	0.94	0.96	0.84	0.75	0.78
<b>Female:</b>									
0 -14	3.12	5.01	1.72	4.19	2.65	3.34	1.84	1.56	1.66
15-49	1.60	4.91	0.29	2.97	0.39	2.01	0.75	0.73	0.74
50-64	0.70	2.56	0.76	1.70	0.99	1.24	0.83	0.71	0.75
65-84	0.36	2.06	1.07	2.01	0.42	1.02	0.75	0.72	0.73
85+	0.23	1.21	0.13	2.06	-0.18	0.59	0.56	0.64	0.61
65+	0.32	1.82	0.77	2.03	0.22	0.88	0.68	0.69	0.69
Total	0.90	2.47	0.77	2.15	0.40	1.26	0.73	0.71	0.72

Note: The average annual percentage reduction is the complement of the exponential of the slope of the least squares line through the logarithms of the central death rates.

**Table 6 – Period Life Tables for U. S. Social Security Area by Calendar Year and Sex**

Male							Female						
x	q <sub>x</sub>	l <sub>x</sub>	d <sub>x</sub>	L <sub>x</sub>	T <sub>x</sub>	e <sub>x</sub>	x	q <sub>x</sub>	l <sub>x</sub>	d <sub>x</sub>	L <sub>x</sub>	T <sub>x</sub>	e <sub>x</sub>
<b>Calendar Year 1900</b>													
0	0.145956	100,000	14,596	90,026	4,640,598	46.41	0	0.119694	100,000	11,969	92,047	4,895,677	48.96
1	0.038140	85,404	3,257	83,776	4,550,571	53.28	1	0.036174	88,031	3,184	86,438	4,803,630	54.57
2	0.019577	82,147	1,608	81,343	4,466,796	54.38	2	0.017817	84,846	1,512	84,090	4,717,191	55.60
3	0.013528	80,539	1,090	79,994	4,385,453	54.45	3	0.012923	83,334	1,077	82,796	4,633,101	55.60
4	0.010797	79,449	858	79,020	4,305,459	54.19	4	0.010310	82,258	848	81,834	4,550,305	55.32
5	0.007940	78,592	624	78,280	4,226,438	53.78	5	0.007611	81,409	620	81,100	4,468,471	54.89
6	0.005698	77,968	444	77,745	4,148,159	53.20	6	0.005501	80,790	444	80,568	4,387,372	54.31
7	0.004073	77,523	316	77,365	4,070,413	52.51	7	0.003986	80,345	320	80,185	4,306,804	53.60
8	0.003046	77,208	235	77,090	3,993,048	51.72	8	0.003057	80,025	245	79,903	4,226,619	52.82
9	0.002555	76,972	197	76,874	3,915,958	50.87	9	0.002648	79,781	211	79,675	4,146,716	51.98
10	0.002483	76,776	191	76,680	3,839,084	50.00	10	0.002641	79,569	210	79,464	4,067,041	51.11
11	0.002669	76,585	204	76,483	3,762,403	49.13	11	0.002868	79,359	228	79,245	3,987,577	50.25
12	0.002935	76,381	224	76,269	3,685,921	48.26	12	0.003138	79,132	248	79,007	3,908,331	49.39
13	0.003153	76,156	240	76,036	3,609,652	47.40	13	0.003323	78,883	262	78,752	3,829,324	48.54
14	0.003355	75,916	255	75,789	3,533,616	46.55	14	0.003462	78,621	272	78,485	3,750,572	47.70
15	0.003673	75,662	278	75,523	3,457,827	45.70	15	0.003704	78,349	290	78,204	3,672,087	46.87
16	0.004149	75,384	313	75,227	3,382,304	44.87	16	0.004106	78,059	321	77,898	3,593,883	46.04
17	0.004677	75,071	351	74,895	3,307,077	44.05	17	0.004565	77,738	355	77,561	3,515,984	45.23
18	0.005234	74,720	391	74,524	3,232,181	43.26	18	0.005064	77,383	392	77,187	3,438,424	44.43
19	0.005797	74,329	431	74,113	3,157,657	42.48	19	0.005583	76,991	430	76,777	3,361,236	43.66
20	0.006421	73,898	474	73,661	3,083,544	41.73	20	0.006149	76,562	471	76,326	3,284,460	42.90
21	0.007024	73,423	516	73,166	3,009,883	40.99	21	0.006700	76,091	510	75,836	3,208,133	42.16
22	0.007445	72,908	543	72,636	2,936,717	40.28	22	0.007124	75,581	538	75,312	3,132,297	41.44
23	0.007616	72,365	551	72,089	2,864,081	39.58	23	0.007368	75,043	553	74,766	3,056,986	40.74
24	0.007606	71,814	546	71,541	2,791,992	38.88	24	0.007478	74,490	557	74,211	2,982,219	40.04
25	0.007526	71,268	536	70,999	2,720,451	38.17	25	0.007541	73,933	558	73,654	2,908,008	39.33
26	0.007497	70,731	530	70,466	2,649,452	37.46	26	0.007627	73,375	560	73,095	2,834,354	38.63
27	0.007555	70,201	530	69,936	2,578,986	36.74	27	0.007737	72,815	563	72,534	2,761,259	37.92
28	0.007755	69,671	540	69,400	2,509,050	36.01	28	0.007896	72,252	571	71,967	2,688,725	37.21
29	0.008058	69,130	557	68,852	2,439,650	35.29	29	0.008091	71,682	580	71,392	2,616,759	36.51
30	0.008382	68,573	575	68,286	2,370,798	34.57	30	0.008286	71,102	589	70,807	2,545,367	35.80
31	0.008670	67,998	590	67,704	2,302,513	33.86	31	0.008457	70,512	596	70,214	2,474,560	35.09
32	0.008939	67,409	603	67,108	2,234,809	33.15	32	0.008613	69,916	602	69,615	2,404,346	34.39
33	0.009171	66,806	613	66,500	2,167,702	32.45	33	0.008746	69,314	606	69,011	2,334,731	33.68
34	0.009380	66,194	621	65,883	2,101,202	31.74	34	0.008865	68,708	609	68,403	2,265,720	32.98
35	0.009602	65,573	630	65,258	2,035,318	31.04	35	0.008992	68,099	612	67,792	2,197,317	32.27
36	0.009845	64,943	639	64,623	1,970,060	30.34	36	0.009134	67,486	616	67,178	2,129,524	31.55
37	0.010077	64,304	648	63,980	1,905,437	29.63	37	0.009277	66,870	620	66,560	2,062,346	30.84
38	0.010294	63,656	655	63,328	1,841,457	28.93	38	0.009425	66,250	624	65,937	1,995,787	30.13
39	0.010510	63,000	662	62,669	1,778,129	28.22	39	0.009584	65,625	629	65,311	1,929,849	29.41

**Table 6 – Period Life Tables for U. S. Social Security Area by Calendar Year and Sex**

Male							Female						
x	q <sub>x</sub>	l <sub>x</sub>	d <sub>x</sub>	L <sub>x</sub>	T <sub>x</sub>	e <sub>x</sub>	x	q <sub>x</sub>	l <sub>x</sub>	d <sub>x</sub>	L <sub>x</sub>	T <sub>x</sub>	e <sub>x</sub>
<b>Calendar Year 1900</b>													
40	0.010743	62,338	670	62,003	1,715,460	27.52	40	0.009769	64,996	635	64,679	1,864,539	28.69
41	0.011015	61,669	679	61,329	1,653,456	26.81	41	0.009989	64,361	643	64,040	1,799,860	27.96
42	0.011337	60,989	691	60,644	1,592,127	26.11	42	0.010246	63,718	653	63,392	1,735,820	27.24
43	0.011722	60,298	707	59,944	1,531,484	25.40	43	0.010544	63,065	665	62,733	1,672,428	26.52
44	0.012169	59,591	725	59,228	1,471,539	24.69	44	0.010891	62,401	680	62,061	1,609,695	25.80
45	0.012677	58,866	746	58,493	1,412,311	23.99	45	0.011281	61,721	696	61,373	1,547,634	25.07
46	0.013235	58,120	769	57,735	1,353,818	23.29	46	0.011730	61,025	716	60,667	1,486,262	24.36
47	0.013832	57,350	793	56,954	1,296,083	22.60	47	0.012267	60,309	740	59,939	1,425,595	23.64
48	0.014463	56,557	818	56,148	1,239,129	21.91	48	0.012904	59,569	769	59,185	1,365,656	22.93
49	0.015146	55,739	844	55,317	1,182,981	21.22	49	0.013634	58,800	802	58,399	1,306,471	22.22
50	0.015891	54,895	872	54,459	1,127,664	20.54	50	0.014448	57,999	838	57,580	1,248,072	21.52
51	0.016733	54,023	904	53,571	1,073,205	19.87	51	0.015324	57,161	876	56,723	1,190,492	20.83
52	0.017709	53,119	941	52,648	1,019,635	19.20	52	0.016242	56,285	914	55,828	1,133,770	20.14
53	0.018841	52,178	983	51,686	966,986	18.53	53	0.017192	55,371	952	54,895	1,077,942	19.47
54	0.020114	51,195	1,030	50,680	915,300	17.88	54	0.018192	54,419	990	53,924	1,023,047	18.80
55	0.021544	50,165	1,081	49,625	864,620	17.24	55	0.019298	53,429	1,031	52,913	969,124	18.14
56	0.023065	49,084	1,132	48,518	814,995	16.60	56	0.020517	52,398	1,075	51,860	916,211	17.49
57	0.024593	47,952	1,179	47,363	766,477	15.98	57	0.021808	51,323	1,119	50,763	864,350	16.84
58	0.026088	46,773	1,220	46,163	719,114	15.37	58	0.023166	50,203	1,163	49,622	813,588	16.21
59	0.027618	45,553	1,258	44,924	672,951	14.77	59	0.024623	49,040	1,208	48,437	763,966	15.58
60	0.029303	44,295	1,298	43,646	628,027	14.18	60	0.026266	47,833	1,256	47,205	715,529	14.96
61	0.031229	42,997	1,343	42,325	584,382	13.59	61	0.028099	46,576	1,309	45,922	668,325	14.35
62	0.033395	41,654	1,391	40,958	542,056	13.01	62	0.030064	45,268	1,361	44,587	622,402	13.75
63	0.035842	40,263	1,443	39,541	501,098	12.45	63	0.032155	43,907	1,412	43,201	577,815	13.16
64	0.038578	38,820	1,498	38,071	461,556	11.89	64	0.034434	42,495	1,463	41,763	534,614	12.58
65	0.041585	37,322	1,552	36,546	423,485	11.35	65	0.036909	41,032	1,514	40,274	492,851	12.01
66	0.044879	35,770	1,605	34,968	386,939	10.82	66	0.039712	39,517	1,569	38,733	452,577	11.45
67	0.048518	34,165	1,658	33,336	351,972	10.30	67	0.043011	37,948	1,632	37,132	413,844	10.91
68	0.052526	32,507	1,707	31,654	318,636	9.80	68	0.046894	36,316	1,703	35,464	376,712	10.37
69	0.056907	30,800	1,753	29,923	286,982	9.32	69	0.051285	34,613	1,775	33,725	341,248	9.86
70	0.061824	29,047	1,796	28,149	257,059	8.85	70	0.056273	32,838	1,848	31,914	307,523	9.36
71	0.067135	27,251	1,830	26,336	228,910	8.40	71	0.061555	30,990	1,908	30,036	275,609	8.89
72	0.072536	25,422	1,844	24,500	202,573	7.97	72	0.066713	29,082	1,940	28,112	245,573	8.44
73	0.077928	23,578	1,837	22,659	178,073	7.55	73	0.071565	27,142	1,942	26,171	217,461	8.01
74	0.083538	21,740	1,816	20,832	155,414	7.15	74	0.076428	25,200	1,926	24,237	191,290	7.59
75	0.089450	19,924	1,782	19,033	134,582	6.75	75	0.081418	23,274	1,895	22,326	167,054	7.18
76	0.096175	18,142	1,745	17,270	115,549	6.37	76	0.087272	21,379	1,866	20,446	144,728	6.77
77	0.104262	16,397	1,710	15,542	98,279	5.99	77	0.094756	19,513	1,849	18,588	124,282	6.37
78	0.113999	14,688	1,674	13,850	82,737	5.63	78	0.104280	17,664	1,842	16,743	105,693	5.98
79	0.125035	13,013	1,627	12,200	68,886	5.29	79	0.115321	15,822	1,825	14,910	88,950	5.62

**Table 6 – Period Life Tables for U. S. Social Security Area by Calendar Year and Sex**

Male							Female						
x	q <sub>x</sub>	l <sub>x</sub>	d <sub>x</sub>	L <sub>x</sub>	T <sub>x</sub>	e <sub>x</sub>	x	q <sub>x</sub>	l <sub>x</sub>	d <sub>x</sub>	L <sub>x</sub>	T <sub>x</sub>	e <sub>x</sub>
<b>Calendar Year 1900</b>													
80	0.136917	11,386	1,559	10,607	56,687	4.98	80	0.127633	13,997	1,787	13,104	74,041	5.29
81	0.149054	9,827	1,465	9,095	46,080	4.69	81	0.140006	12,211	1,710	11,356	60,936	4.99
82	0.161175	8,362	1,348	7,688	36,985	4.42	82	0.151286	10,501	1,589	9,707	49,580	4.72
83	0.173025	7,015	1,214	6,408	29,297	4.18	83	0.160862	8,913	1,434	8,196	39,873	4.47
84	0.184855	5,801	1,072	5,265	22,889	3.95	84	0.169619	7,479	1,269	6,845	31,678	4.24
85	0.197067	4,729	932	4,263	17,624	3.73	85	0.178892	6,210	1,111	5,655	24,833	4.00
86	0.209980	3,797	797	3,398	13,362	3.52	86	0.189785	5,099	968	4,615	19,178	3.76
87	0.223760	2,999	671	2,664	9,964	3.32	87	0.202942	4,132	838	3,712	14,563	3.52
88	0.238407	2,328	555	2,051	7,300	3.14	88	0.218501	3,293	720	2,933	10,850	3.29
89	0.253782	1,773	450	1,548	5,249	2.96	89	0.236155	2,574	608	2,270	7,917	3.08
90	0.269703	1,323	357	1,145	3,701	2.80	90	0.255462	1,966	502	1,715	5,647	2.87
91	0.285976	966	276	828	2,556	2.65	91	0.275922	1,464	404	1,262	3,933	2.69
92	0.302409	690	209	586	1,728	2.50	92	0.297043	1,060	315	902	2,671	2.52
93	0.318834	481	153	405	1,142	2.37	93	0.318401	745	237	626	1,769	2.37
94	0.335096	328	110	273	738	2.25	94	0.335096	508	170	423	1,142	2.25
95	0.352120	218	77	180	465	2.13	95	0.352120	338	119	278	720	2.13
96	0.369938	141	52	115	285	2.02	96	0.369938	219	81	178	441	2.02
97	0.388584	89	35	72	170	1.91	97	0.388584	138	54	111	263	1.91
98	0.408091	54	22	43	98	1.81	98	0.408091	84	34	67	152	1.81
99	0.428496	32	14	25	55	1.71	99	0.428496	50	21	39	85	1.71
100	0.449920	18	8	14	30	1.61	100	0.449920	29	13	22	46	1.61
101	0.472416	10	5	8	15	1.52	101	0.472416	16	7	12	24	1.52
102	0.496037	5	3	4	8	1.43	102	0.496037	8	4	6	12	1.43
103	0.520839	3	1	2	4	1.35	103	0.520839	4	2	3	6	1.35
104	0.546881	1	1	1	2	1.26	104	0.546881	2	1	1	3	1.26
105	0.574225	1	0	0	1	1.19	105	0.574225	1	1	1	1	1.19
106	0.602936	0	0	0	0	1.11	106	0.602936	0	0	0	0	1.11
107	0.633083	0	0	0	0	1.04	107	0.633083	0	0	0	0	1.04
108	0.664737	0	0	0	0	0.97	108	0.664737	0	0	0	0	0.97
109	0.697974	0	0	0	0	0.91	109	0.697974	0	0	0	0	0.91
110	0.732873	0	0	0	0	0.84	110	0.732873	0	0	0	0	0.84
111	0.769516	0	0	0	0	0.78	111	0.769516	0	0	0	0	0.78
112	0.807992	0	0	0	0	0.72	112	0.807992	0	0	0	0	0.72
113	0.848392	0	0	0	0	0.67	113	0.848392	0	0	0	0	0.67
114	0.890811	0	0	0	0	0.62	114	0.890811	0	0	0	0	0.62
115	0.935352	0	0	0	0	0.57	115	0.935352	0	0	0	0	0.57
116	0.982119	0	0	0	0	0.52	116	0.982119	0	0	0	0	0.52
117	1.000000	0	0	0	0	0.50	117	1.000000	0	0	0	0	0.50
118	1.000000	0	0	0	0	0.00	118	1.000000	0	0	0	0	0.00
119	1.000000	0	0	0	0	0.00	119	1.000000	0	0	0	0	0.00

**Table 6 – Period Life Tables for U. S. Social Security Area by Calendar Year and Sex**

Male							Female						
x	q <sub>x</sub>	l <sub>x</sub>	d <sub>x</sub>	L <sub>x</sub>	T <sub>x</sub>	e <sub>x</sub>	x	q <sub>x</sub>	l <sub>x</sub>	d <sub>x</sub>	L <sub>x</sub>	T <sub>x</sub>	e <sub>x</sub>
<b>Calendar Year 1910</b>													
0	0.120059	100,000	12,006	91,343	5,007,916	50.08	0	0.098259	100,000	9,826	93,083	5,358,143	53.58
1	0.027287	87,994	2,401	86,794	4,916,573	55.87	1	0.025543	90,174	2,303	89,022	5,265,061	58.39
2	0.014073	85,593	1,205	84,991	4,829,780	56.43	2	0.012631	87,871	1,110	87,316	5,176,038	58.91
3	0.009755	84,388	823	83,977	4,744,789	56.23	3	0.009172	86,761	796	86,363	5,088,722	58.65
4	0.007792	83,565	651	83,240	4,660,812	55.77	4	0.007324	85,965	630	85,650	5,002,359	58.19
5	0.005810	82,914	482	82,673	4,577,573	55.21	5	0.005438	85,336	464	85,103	4,916,709	57.62
6	0.004259	82,432	351	82,257	4,494,900	54.53	6	0.003968	84,871	337	84,703	4,831,605	56.93
7	0.003142	82,081	258	81,952	4,412,643	53.76	7	0.002920	84,535	247	84,411	4,746,902	56.15
8	0.002447	81,823	200	81,723	4,330,690	52.93	8	0.002284	84,288	193	84,192	4,662,491	55.32
9	0.002129	81,623	174	81,536	4,248,967	52.06	9	0.002014	84,095	169	84,011	4,578,299	54.44
10	0.002106	81,449	172	81,364	4,167,430	51.17	10	0.002027	83,926	170	83,841	4,494,289	53.55
11	0.002263	81,278	184	81,186	4,086,066	50.27	11	0.002204	83,756	185	83,664	4,410,448	52.66
12	0.002475	81,094	201	80,994	4,004,880	49.39	12	0.002409	83,571	201	83,471	4,326,784	51.77
13	0.002652	80,893	215	80,786	3,923,887	48.51	13	0.002552	83,370	213	83,264	4,243,314	50.90
14	0.002817	80,679	227	80,565	3,843,101	47.63	14	0.002661	83,157	221	83,047	4,160,050	50.03
15	0.003061	80,451	246	80,328	3,762,536	46.77	15	0.002842	82,936	236	82,818	4,077,003	49.16
16	0.003420	80,205	274	80,068	3,682,208	45.91	16	0.003136	82,700	259	82,570	3,994,185	48.30
17	0.003827	79,931	306	79,778	3,602,140	45.07	17	0.003463	82,441	285	82,298	3,911,615	47.45
18	0.004271	79,625	340	79,455	3,522,362	44.24	18	0.003813	82,155	313	81,999	3,829,317	46.61
19	0.004731	79,285	375	79,097	3,442,907	43.42	19	0.004173	81,842	342	81,671	3,747,318	45.79
20	0.005243	78,910	414	78,703	3,363,809	42.63	20	0.004566	81,501	372	81,314	3,665,647	44.98
21	0.005735	78,496	450	78,271	3,285,106	41.85	21	0.004953	81,128	402	80,927	3,584,332	44.18
22	0.006085	78,046	475	77,808	3,206,835	41.09	22	0.005253	80,727	424	80,515	3,503,405	43.40
23	0.006236	77,571	484	77,329	3,129,027	40.34	23	0.005433	80,303	436	80,084	3,422,890	42.62
24	0.006246	77,087	481	76,847	3,051,698	39.59	24	0.005524	79,866	441	79,646	3,342,806	41.86
25	0.006203	76,606	475	76,368	2,974,851	38.83	25	0.005582	79,425	443	79,203	3,263,160	41.08
26	0.006206	76,131	472	75,894	2,898,483	38.07	26	0.005660	78,982	447	78,758	3,183,957	40.31
27	0.006290	75,658	476	75,420	2,822,589	37.31	27	0.005770	78,535	453	78,308	3,105,198	39.54
28	0.006499	75,182	489	74,938	2,747,169	36.54	28	0.005933	78,082	463	77,850	3,026,890	38.77
29	0.006801	74,694	508	74,440	2,672,231	35.78	29	0.006134	77,618	476	77,380	2,949,040	37.99
30	0.007133	74,186	529	73,921	2,597,791	35.02	30	0.006350	77,142	490	76,897	2,871,660	37.23
31	0.007442	73,656	548	73,382	2,523,870	34.27	31	0.006548	76,652	502	76,401	2,794,763	36.46
32	0.007730	73,108	565	72,826	2,450,488	33.52	32	0.006712	76,150	511	75,895	2,718,362	35.70
33	0.007978	72,543	579	72,254	2,377,662	32.78	33	0.006829	75,639	517	75,381	2,642,467	34.94
34	0.008205	71,964	590	71,669	2,305,408	32.04	34	0.006918	75,123	520	74,863	2,567,086	34.17
35	0.008438	71,374	602	71,073	2,233,739	31.30	35	0.007000	74,603	522	74,342	2,492,223	33.41
36	0.008706	70,772	616	70,464	2,162,666	30.56	36	0.007111	74,081	527	73,817	2,417,881	32.64
37	0.009015	70,156	632	69,839	2,092,203	29.82	37	0.007277	73,554	535	73,286	2,344,064	31.87
38	0.009380	69,523	652	69,197	2,022,363	29.09	38	0.007516	73,019	549	72,744	2,270,777	31.10
39	0.009790	68,871	674	68,534	1,953,166	28.36	39	0.007813	72,470	566	72,187	2,198,033	30.33

**Table 6 – Period Life Tables for U. S. Social Security Area by Calendar Year and Sex**

Male							Female						
x	q <sub>x</sub>	l <sub>x</sub>	d <sub>x</sub>	L <sub>x</sub>	T <sub>x</sub>	e <sub>x</sub>	x	q <sub>x</sub>	l <sub>x</sub>	d <sub>x</sub>	L <sub>x</sub>	T <sub>x</sub>	e <sub>x</sub>
<b>Calendar Year 1910</b>													
40	0.010227	68,197	697	67,848	1,884,632	27.64	40	0.008155	71,904	586	71,611	2,125,846	29.57
41	0.010678	67,499	721	67,139	1,816,784	26.92	41	0.008503	71,317	606	71,014	2,054,235	28.80
42	0.011146	66,779	744	66,406	1,749,645	26.20	42	0.008829	70,711	624	70,399	1,983,221	28.05
43	0.011630	66,034	768	65,650	1,683,239	25.49	43	0.009113	70,087	639	69,767	1,912,823	27.29
44	0.012130	65,266	792	64,870	1,617,589	24.78	44	0.009381	69,448	651	69,122	1,843,055	26.54
45	0.012702	64,475	819	64,065	1,552,718	24.08	45	0.009681	68,796	666	68,463	1,773,933	25.79
46	0.013310	63,656	847	63,232	1,488,653	23.39	46	0.010049	68,130	685	67,788	1,705,470	25.03
47	0.013864	62,808	871	62,373	1,425,421	22.69	47	0.010490	67,446	708	67,092	1,637,681	24.28
48	0.014333	61,938	888	61,494	1,363,048	22.01	48	0.011021	66,738	736	66,371	1,570,589	23.53
49	0.014777	61,050	902	60,599	1,301,555	21.32	49	0.011640	66,003	768	65,619	1,504,219	22.79
50	0.015238	60,148	917	59,689	1,240,956	20.63	50	0.012331	65,234	804	64,832	1,438,600	22.05
51	0.015843	59,231	938	58,762	1,181,266	19.94	51	0.013096	64,430	844	64,008	1,373,768	21.32
52	0.016707	58,293	974	57,806	1,122,504	19.26	52	0.013957	63,586	887	63,143	1,309,760	20.60
53	0.017906	57,319	1,026	56,806	1,064,699	18.58	53	0.014922	62,699	936	62,231	1,246,617	19.88
54	0.019378	56,293	1,091	55,747	1,007,893	17.90	54	0.015990	61,763	988	61,269	1,184,386	19.18
55	0.021031	55,202	1,161	54,621	952,146	17.25	55	0.017200	60,776	1,045	60,253	1,123,117	18.48
56	0.022744	54,041	1,229	53,426	897,524	16.61	56	0.018516	59,730	1,106	59,177	1,062,864	17.79
57	0.024463	52,812	1,292	52,166	844,098	15.98	57	0.019867	58,624	1,165	58,042	1,003,686	17.12
58	0.026132	51,520	1,346	50,847	791,933	15.37	58	0.021229	57,460	1,220	56,850	945,644	16.46
59	0.027814	50,173	1,396	49,476	741,086	14.77	59	0.022657	56,240	1,274	55,603	888,795	15.80
60	0.029678	48,778	1,448	48,054	691,610	14.18	60	0.024240	54,966	1,332	54,299	833,192	15.16
61	0.031765	47,330	1,503	46,579	643,556	13.60	61	0.026053	53,633	1,397	52,935	778,892	14.52
62	0.033969	45,827	1,557	45,048	596,978	13.03	62	0.028104	52,236	1,468	51,502	725,958	13.90
63	0.036291	44,270	1,607	43,467	551,929	12.47	63	0.030431	50,768	1,545	49,995	674,456	13.29
64	0.038792	42,664	1,655	41,836	508,463	11.92	64	0.033040	49,223	1,626	48,410	624,460	12.69
65	0.041512	41,008	1,702	40,157	466,627	11.38	65	0.035914	47,597	1,709	46,742	576,051	12.10
66	0.044568	39,306	1,752	38,430	426,469	10.85	66	0.039064	45,887	1,793	44,991	529,309	11.53
67	0.048083	37,554	1,806	36,651	388,039	10.33	67	0.042535	44,095	1,876	43,157	484,318	10.98
68	0.052134	35,749	1,864	34,817	351,388	9.83	68	0.046348	42,219	1,957	41,241	441,161	10.45
69	0.056677	33,885	1,920	32,925	316,571	9.34	69	0.050508	40,262	2,034	39,246	399,920	9.93
70	0.061734	31,964	1,973	30,978	283,646	8.87	70	0.055127	38,229	2,107	37,175	360,674	9.43
71	0.067139	29,991	2,014	28,984	252,668	8.42	71	0.060114	36,121	2,171	35,036	323,499	8.96
72	0.072694	27,978	2,034	26,961	223,684	8.00	72	0.065274	33,950	2,216	32,842	288,464	8.50
73	0.078311	25,944	2,032	24,928	196,723	7.58	73	0.070546	31,734	2,239	30,615	255,622	8.06
74	0.084162	23,912	2,012	22,906	171,795	7.18	74	0.076080	29,495	2,244	28,373	225,007	7.63
75	0.090269	21,900	1,977	20,911	148,890	6.80	75	0.081887	27,251	2,232	26,135	196,634	7.22
76	0.097059	19,923	1,934	18,956	127,978	6.42	76	0.088342	25,020	2,210	23,915	170,498	6.81
77	0.105022	17,989	1,889	17,044	109,023	6.06	77	0.095886	22,809	2,187	21,716	146,584	6.43
78	0.114400	16,100	1,842	15,179	91,978	5.71	78	0.104739	20,622	2,160	19,542	124,868	6.05
79	0.124863	14,258	1,780	13,368	76,799	5.39	79	0.114618	18,462	2,116	17,404	105,326	5.70



**Table 6 – Period Life Tables for U. S. Social Security Area by Calendar Year and Sex**

Male							Female						
x	q <sub>x</sub>	l <sub>x</sub>	d <sub>x</sub>	L <sub>x</sub>	T <sub>x</sub>	e <sub>x</sub>	x	q <sub>x</sub>	l <sub>x</sub>	d <sub>x</sub>	L <sub>x</sub>	T <sub>x</sub>	e <sub>x</sub>
<b>Calendar Year 1910</b>													
80	0.136271	12,478	1,700	11,628	63,431	5.08	80	0.125637	16,346	2,054	15,319	87,921	5.38
81	0.147852	10,777	1,593	9,981	51,804	4.81	81	0.136939	14,293	1,957	13,314	72,602	5.08
82	0.158849	9,184	1,459	8,454	41,823	4.55	82	0.147445	12,335	1,819	11,426	59,288	4.81
83	0.168867	7,725	1,305	7,073	33,369	4.32	83	0.156682	10,517	1,648	9,693	47,862	4.55
84	0.178468	6,421	1,146	5,848	26,296	4.10	84	0.165433	8,869	1,467	8,135	38,170	4.30
85	0.188504	5,275	994	4,778	20,448	3.88	85	0.174867	7,402	1,294	6,754	30,034	4.06
86	0.199675	4,280	855	3,853	15,671	3.66	86	0.185951	6,107	1,136	5,539	23,280	3.81
87	0.212385	3,426	728	3,062	11,818	3.45	87	0.199259	4,972	991	4,476	17,740	3.57
88	0.226718	2,698	612	2,392	8,756	3.25	88	0.214936	3,981	856	3,553	13,264	3.33
89	0.242478	2,086	506	1,833	6,364	3.05	89	0.232742	3,125	727	2,762	9,711	3.11
90	0.259383	1,581	410	1,376	4,530	2.87	90	0.252318	2,398	605	2,095	6,949	2.90
91	0.277114	1,171	324	1,008	3,155	2.70	91	0.273250	1,793	490	1,548	4,854	2.71
92	0.295355	846	250	721	2,146	2.54	92	0.295122	1,303	385	1,111	3,306	2.54
93	0.313828	596	187	503	1,425	2.39	93	0.313828	918	288	774	2,195	2.39
94	0.332279	409	136	341	922	2.25	94	0.332279	630	209	526	1,421	2.25
95	0.351230	273	96	225	581	2.13	95	0.351230	421	148	347	895	2.13
96	0.370645	177	66	144	356	2.01	96	0.370645	273	101	222	548	2.01
97	0.390481	112	44	90	212	1.90	97	0.390481	172	67	138	326	1.90
98	0.410692	68	28	54	122	1.79	98	0.410692	105	43	83	188	1.79
99	0.431226	40	17	31	68	1.69	99	0.431226	62	27	48	105	1.69
100	0.452788	23	10	18	36	1.60	100	0.452788	35	16	27	56	1.60
101	0.475427	12	6	10	19	1.51	101	0.475427	19	9	15	29	1.51
102	0.499198	7	3	5	9	1.42	102	0.499198	10	5	8	14	1.42
103	0.524158	3	2	2	4	1.33	103	0.524158	5	3	4	7	1.33
104	0.550366	2	1	1	2	1.25	104	0.550366	2	1	2	3	1.25
105	0.577884	1	0	0	1	1.18	105	0.577884	1	1	1	1	1.18
106	0.606778	0	0	0	0	1.10	106	0.606778	0	0	0	1	1.10
107	0.637117	0	0	0	0	1.03	107	0.637117	0	0	0	0	1.03
108	0.668973	0	0	0	0	0.96	108	0.668973	0	0	0	0	0.96
109	0.702422	0	0	0	0	0.90	109	0.702422	0	0	0	0	0.90
110	0.737543	0	0	0	0	0.83	110	0.737543	0	0	0	0	0.83
111	0.774420	0	0	0	0	0.77	111	0.774420	0	0	0	0	0.77
112	0.813141	0	0	0	0	0.72	112	0.813141	0	0	0	0	0.72
113	0.853798	0	0	0	0	0.66	113	0.853798	0	0	0	0	0.66
114	0.896488	0	0	0	0	0.61	114	0.896488	0	0	0	0	0.61
115	0.941312	0	0	0	0	0.56	115	0.941312	0	0	0	0	0.56
116	0.988378	0	0	0	0	0.51	116	0.988378	0	0	0	0	0.51
117	1.000000	0	0	0	0	0.50	117	1.000000	0	0	0	0	0.50
118	1.000000	0	0	0	0	0.00	118	1.000000	0	0	0	0	0.00
119	1.000000	0	0	0	0	0.00	119	1.000000	0	0	0	0	0.00

**Table 6 – Period Life Tables for U. S. Social Security Area by Calendar Year and Sex**

Male							Female						
x	q <sub>x</sub>	l <sub>x</sub>	d <sub>x</sub>	L <sub>x</sub>	T <sub>x</sub>	e <sub>x</sub>	x	q <sub>x</sub>	l <sub>x</sub>	d <sub>x</sub>	L <sub>x</sub>	T <sub>x</sub>	e <sub>x</sub>
<b>Calendar Year 1920</b>													
0	0.085935	100,000	8,594	93,479	5,450,843	54.51	0	0.067733	100,000	6,773	94,964	5,626,903	56.27
1	0.018848	91,407	1,723	90,545	5,357,364	58.61	1	0.017736	93,227	1,653	92,400	5,531,939	59.34
2	0.009793	89,684	878	89,245	5,266,819	58.73	2	0.008821	91,573	808	91,169	5,439,539	59.40
3	0.006821	88,805	606	88,503	5,177,574	58.30	3	0.006417	90,765	582	90,474	5,348,369	58.93
4	0.005456	88,200	481	87,959	5,089,072	57.70	4	0.005130	90,183	463	89,952	5,257,895	58.30
5	0.004378	87,718	384	87,526	5,001,113	57.01	5	0.004039	89,720	362	89,539	5,167,944	57.60
6	0.003539	87,334	309	87,180	4,913,586	56.26	6	0.003184	89,358	285	89,216	5,078,405	56.83
7	0.002918	87,025	254	86,898	4,826,406	55.46	7	0.002555	89,073	228	88,960	4,989,189	56.01
8	0.002494	86,771	216	86,663	4,739,508	54.62	8	0.002136	88,846	190	88,751	4,900,230	55.15
9	0.002248	86,555	195	86,458	4,652,845	53.76	9	0.001908	88,656	169	88,572	4,811,479	54.27
10	0.002158	86,360	186	86,267	4,566,387	52.88	10	0.001844	88,487	163	88,405	4,722,907	53.37
11	0.002203	86,174	190	86,079	4,480,120	51.99	11	0.001913	88,324	169	88,239	4,634,502	52.47
12	0.002362	85,984	203	85,883	4,394,041	51.10	12	0.002079	88,155	183	88,063	4,546,262	51.57
13	0.002614	85,781	224	85,669	4,308,159	50.22	13	0.002316	87,972	204	87,870	4,458,199	50.68
14	0.002938	85,557	251	85,431	4,222,490	49.35	14	0.002615	87,768	230	87,653	4,370,330	49.79
15	0.003339	85,306	285	85,163	4,137,059	48.50	15	0.002978	87,538	261	87,408	4,282,677	48.92
16	0.003776	85,021	321	84,860	4,051,896	47.66	16	0.003399	87,278	297	87,129	4,195,269	48.07
17	0.004179	84,700	354	84,523	3,967,035	46.84	17	0.003857	86,981	335	86,813	4,108,139	47.23
18	0.004512	84,346	381	84,155	3,882,513	46.03	18	0.004338	86,645	376	86,458	4,021,326	46.41
19	0.004784	83,965	402	83,764	3,798,357	45.24	19	0.004825	86,270	416	86,061	3,934,869	45.61
20	0.005073	83,563	424	83,351	3,714,593	44.45	20	0.005348	85,853	459	85,624	3,848,807	44.83
21	0.005368	83,139	446	82,916	3,631,241	43.68	21	0.005850	85,394	500	85,144	3,763,183	44.07
22	0.005576	82,693	461	82,463	3,548,325	42.91	22	0.006228	84,895	529	84,630	3,678,039	43.32
23	0.005671	82,232	466	81,999	3,465,862	42.15	23	0.006434	84,366	543	84,095	3,593,409	42.59
24	0.005688	81,766	465	81,533	3,383,863	41.38	24	0.006512	83,823	546	83,550	3,509,314	41.87
25	0.005660	81,301	460	81,071	3,302,330	40.62	25	0.006534	83,277	544	83,005	3,425,764	41.14
26	0.005661	80,841	458	80,612	3,221,260	39.85	26	0.006578	82,733	544	82,461	3,342,759	40.40
27	0.005747	80,383	462	80,152	3,140,648	39.07	27	0.006668	82,189	548	81,915	3,260,298	39.67
28	0.005960	79,921	476	79,683	3,060,496	38.29	28	0.006839	81,641	558	81,362	3,178,383	38.93
29	0.006261	79,445	497	79,196	2,980,813	37.52	29	0.007065	81,083	573	80,796	3,097,021	38.20
30	0.006595	78,947	521	78,687	2,901,617	36.75	30	0.007300	80,510	588	80,216	3,016,225	37.46
31	0.006893	78,427	541	78,156	2,822,930	35.99	31	0.007494	79,922	599	79,622	2,936,009	36.74
32	0.007135	77,886	556	77,608	2,744,774	35.24	32	0.007631	79,323	605	79,020	2,856,387	36.01
33	0.007290	77,330	564	77,048	2,667,166	34.49	33	0.007689	78,718	605	78,415	2,777,366	35.28
34	0.007385	76,766	567	76,483	2,590,118	33.74	34	0.007692	78,112	601	77,812	2,698,951	34.55
35	0.007478	76,200	570	75,915	2,513,635	32.99	35	0.007691	77,512	596	77,214	2,621,139	33.82
36	0.007601	75,630	575	75,342	2,437,720	32.23	36	0.007712	76,915	593	76,619	2,543,926	33.07
37	0.007732	75,055	580	74,765	2,362,378	31.48	37	0.007736	76,322	590	76,027	2,467,307	32.33
38	0.007877	74,475	587	74,181	2,287,613	30.72	38	0.007770	75,732	588	75,438	2,391,280	31.58
39	0.008043	73,888	594	73,591	2,213,432	29.96	39	0.007824	75,143	588	74,849	2,315,842	30.82

**Table 6 – Period Life Tables for U. S. Social Security Area by Calendar Year and Sex**

Male							Female						
x	q <sub>x</sub>	l <sub>x</sub>	d <sub>x</sub>	L <sub>x</sub>	T <sub>x</sub>	e <sub>x</sub>	x	q <sub>x</sub>	l <sub>x</sub>	d <sub>x</sub>	L <sub>x</sub>	T <sub>x</sub>	e <sub>x</sub>
<b>Calendar Year 1920</b>													
40	0.008230	73,294	603	72,992	2,139,841	29.20	40	0.007893	74,556	588	74,261	2,240,993	30.06
41	0.008448	72,690	614	72,383	2,066,849	28.43	41	0.007999	73,967	592	73,671	2,166,731	29.29
42	0.008715	72,076	628	71,762	1,994,466	27.67	42	0.008179	73,375	600	73,075	2,093,060	28.53
43	0.009039	71,448	646	71,125	1,922,703	26.91	43	0.008449	72,775	615	72,468	2,019,985	27.76
44	0.009421	70,802	667	70,469	1,851,578	26.15	44	0.008801	72,160	635	71,843	1,947,517	26.99
45	0.009862	70,135	692	69,790	1,781,109	25.40	45	0.009215	71,525	659	71,196	1,875,674	26.22
46	0.010355	69,444	719	69,084	1,711,320	24.64	46	0.009671	70,866	685	70,524	1,804,479	25.46
47	0.010891	68,725	748	68,350	1,642,236	23.90	47	0.010164	70,181	713	69,824	1,733,955	24.71
48	0.011469	67,976	780	67,586	1,573,885	23.15	48	0.010686	69,468	742	69,096	1,664,131	23.96
49	0.012102	67,197	813	66,790	1,506,299	22.42	49	0.011251	68,725	773	68,339	1,595,035	23.21
50	0.012791	66,383	849	65,959	1,439,509	21.68	50	0.011879	67,952	807	67,548	1,526,696	22.47
51	0.013570	65,534	889	65,090	1,373,550	20.96	51	0.012589	67,145	845	66,722	1,459,148	21.73
52	0.014478	64,645	936	64,177	1,308,461	20.24	52	0.013382	66,299	887	65,856	1,392,425	21.00
53	0.015536	63,709	990	63,214	1,244,284	19.53	53	0.014269	65,412	933	64,946	1,326,570	20.28
54	0.016726	62,719	1,049	62,195	1,181,070	18.83	54	0.015248	64,479	983	63,987	1,261,624	19.57
55	0.018090	61,670	1,116	61,112	1,118,875	18.14	55	0.016368	63,496	1,039	62,976	1,197,637	18.86
56	0.019536	60,555	1,183	59,963	1,057,763	17.47	56	0.017587	62,456	1,098	61,907	1,134,661	18.17
57	0.020923	59,372	1,242	58,750	997,800	16.81	57	0.018815	61,358	1,154	60,781	1,072,754	17.48
58	0.022191	58,129	1,290	57,484	939,050	16.15	58	0.020025	60,204	1,206	59,601	1,011,973	16.81
59	0.023442	56,839	1,332	56,173	881,565	15.51	59	0.021282	58,998	1,256	58,370	952,372	16.14
60	0.024811	55,507	1,377	54,818	825,392	14.87	60	0.022675	57,742	1,309	57,088	894,002	15.48
61	0.026466	54,130	1,433	53,413	770,574	14.24	61	0.024312	56,433	1,372	55,747	836,914	14.83
62	0.028496	52,697	1,502	51,946	717,160	13.61	62	0.026244	55,061	1,445	54,339	781,167	14.19
63	0.030988	51,195	1,586	50,402	665,214	12.99	63	0.028529	53,616	1,530	52,851	726,829	13.56
64	0.033900	49,609	1,682	48,768	614,812	12.39	64	0.031151	52,086	1,623	51,275	673,977	12.94
65	0.037141	47,927	1,780	47,037	566,044	11.81	65	0.034083	50,464	1,720	49,604	622,702	12.34
66	0.040629	46,147	1,875	45,210	519,006	11.25	66	0.037270	48,744	1,817	47,836	573,098	11.76
67	0.044368	44,272	1,964	43,290	473,797	10.70	67	0.040691	46,927	1,910	45,972	525,263	11.19
68	0.048335	42,308	2,045	41,286	430,506	10.18	68	0.044328	45,018	1,996	44,020	479,290	10.65
69	0.052577	40,263	2,117	39,205	389,221	9.67	69	0.048236	43,022	2,075	41,985	435,270	10.12
70	0.057275	38,146	2,185	37,054	350,016	9.18	70	0.052549	40,947	2,152	39,871	393,286	9.60
71	0.062406	35,961	2,244	34,839	312,962	8.70	71	0.057296	38,795	2,223	37,684	353,415	9.11
72	0.067790	33,717	2,286	32,574	278,123	8.25	72	0.062399	36,572	2,282	35,431	315,731	8.63
73	0.073392	31,431	2,307	30,278	245,549	7.81	73	0.067863	34,290	2,327	33,127	280,299	8.17
74	0.079342	29,125	2,311	27,969	215,271	7.39	74	0.073757	31,963	2,358	30,785	247,173	7.73
75	0.085576	26,814	2,295	25,667	187,302	6.99	75	0.079973	29,606	2,368	28,422	216,388	7.31
76	0.092459	24,519	2,267	23,386	161,635	6.59	76	0.086748	27,238	2,363	26,057	187,966	6.90
77	0.100489	22,252	2,236	21,134	138,249	6.21	77	0.094468	24,875	2,350	23,700	161,909	6.51
78	0.109890	20,016	2,200	18,916	117,115	5.85	78	0.103289	22,525	2,327	21,362	138,209	6.14
79	0.120347	17,817	2,144	16,744	98,199	5.51	79	0.112978	20,199	2,282	19,058	116,847	5.78

**Table 6 – Period Life Tables for U. S. Social Security Area by Calendar Year and Sex**

Male							Female						
x	q <sub>x</sub>	l <sub>x</sub>	d <sub>x</sub>	L <sub>x</sub>	T <sub>x</sub>	e <sub>x</sub>	x	q <sub>x</sub>	l <sub>x</sub>	d <sub>x</sub>	L <sub>x</sub>	T <sub>x</sub>	e <sub>x</sub>
<b>Calendar Year 1920</b>													
80	0.131686	15,672	2,064	14,640	81,454	5.20	80	0.123738	17,917	2,217	16,808	97,789	5.46
81	0.143212	13,609	1,949	12,634	66,814	4.91	81	0.134786	15,700	2,116	14,642	80,981	5.16
82	0.154280	11,660	1,799	10,760	54,180	4.65	82	0.145045	13,584	1,970	12,599	66,340	4.88
83	0.164536	9,861	1,622	9,050	43,420	4.40	83	0.154061	11,613	1,789	10,719	53,741	4.63
84	0.174456	8,238	1,437	7,520	34,370	4.17	84	0.162592	9,824	1,597	9,026	43,022	4.38
85	0.184768	6,801	1,257	6,173	26,851	3.95	85	0.171764	8,227	1,413	7,520	33,997	4.13
86	0.196065	5,544	1,087	5,001	20,678	3.73	86	0.182514	6,814	1,244	6,192	26,476	3.89
87	0.208689	4,457	930	3,992	15,677	3.52	87	0.195400	5,570	1,088	5,026	20,284	3.64
88	0.222703	3,527	786	3,134	11,685	3.31	88	0.210567	4,482	944	4,010	15,258	3.40
89	0.237932	2,742	652	2,416	8,550	3.12	89	0.227795	3,538	806	3,135	11,248	3.18
90	0.254127	2,089	531	1,824	6,135	2.94	90	0.246746	2,732	674	2,395	8,113	2.97
91	0.271009	1,558	422	1,347	4,311	2.77	91	0.267027	2,058	550	1,783	5,718	2.78
92	0.288298	1,136	328	972	2,963	2.61	92	0.288244	1,508	435	1,291	3,935	2.61
93	0.305753	809	247	685	1,991	2.46	93	0.305753	1,074	328	910	2,644	2.46
94	0.323148	561	181	471	1,306	2.33	94	0.323148	745	241	625	1,735	2.33
95	0.341087	380	130	315	836	2.20	95	0.341087	505	172	418	1,110	2.20
96	0.359552	250	90	205	521	2.08	96	0.359552	332	120	273	691	2.08
97	0.378521	160	61	130	315	1.97	97	0.378521	213	81	173	419	1.97
98	0.397969	100	40	80	185	1.86	98	0.397969	132	53	106	246	1.86
99	0.417867	60	25	47	105	1.76	99	0.417867	80	33	63	140	1.76
100	0.438761	35	15	27	58	1.66	100	0.438761	46	20	36	77	1.66
101	0.460699	20	9	15	31	1.57	101	0.460699	26	12	20	41	1.57
102	0.483733	11	5	8	16	1.47	102	0.483733	14	7	11	21	1.47
103	0.507920	5	3	4	8	1.39	103	0.507920	7	4	5	10	1.39
104	0.533316	3	1	2	4	1.31	104	0.533316	4	2	3	5	1.31
105	0.559982	1	1	1	2	1.23	105	0.559982	2	1	1	2	1.23
106	0.587981	1	0	0	1	1.15	106	0.587981	1	0	1	1	1.15
107	0.617380	0	0	0	0	1.08	107	0.617380	0	0	0	0	1.08
108	0.648249	0	0	0	0	1.01	108	0.648249	0	0	0	0	1.01
109	0.680661	0	0	0	0	0.94	109	0.680661	0	0	0	0	0.94
110	0.714694	0	0	0	0	0.87	110	0.714694	0	0	0	0	0.87
111	0.750429	0	0	0	0	0.81	111	0.750429	0	0	0	0	0.81
112	0.787951	0	0	0	0	0.75	112	0.787951	0	0	0	0	0.75
113	0.827348	0	0	0	0	0.70	113	0.827348	0	0	0	0	0.70
114	0.868715	0	0	0	0	0.64	114	0.868715	0	0	0	0	0.64
115	0.912151	0	0	0	0	0.59	115	0.912151	0	0	0	0	0.59
116	0.957759	0	0	0	0	0.54	116	0.957759	0	0	0	0	0.54
117	1.000000	0	0	0	0	0.50	117	1.000000	0	0	0	0	0.50
118	1.000000	0	0	0	0	0.00	118	1.000000	0	0	0	0	0.00
119	1.000000	0	0	0	0	0.00	119	1.000000	0	0	0	0	0.00

**Table 6 – Period Life Tables for U. S. Social Security Area by Calendar Year and Sex**

Male							Female						
x	q <sub>x</sub>	l <sub>x</sub>	d <sub>x</sub>	L <sub>x</sub>	T <sub>x</sub>	e <sub>x</sub>	x	q <sub>x</sub>	l <sub>x</sub>	d <sub>x</sub>	L <sub>x</sub>	T <sub>x</sub>	e <sub>x</sub>
<b>Calendar Year 1930</b>													
0	0.064952	100,000	6,495	94,826	5,795,639	57.96	0	0.051786	100,000	5,179	95,945	6,131,445	61.31
1	0.010900	93,505	1,019	92,995	5,700,813	60.97	1	0.009704	94,821	920	94,361	6,035,500	63.65
2	0.005762	92,486	533	92,219	5,607,818	60.63	2	0.004902	93,901	460	93,671	5,941,138	63.27
3	0.004057	91,953	373	91,766	5,515,599	59.98	3	0.003582	93,441	335	93,274	5,847,467	62.58
4	0.003256	91,580	298	91,431	5,423,833	59.23	4	0.002874	93,106	268	92,972	5,754,194	61.80
5	0.002736	91,281	250	91,157	5,332,402	58.42	5	0.002343	92,839	218	92,730	5,661,221	60.98
6	0.002327	91,032	212	90,926	5,241,246	57.58	6	0.001928	92,621	179	92,532	5,568,491	60.12
7	0.002012	90,820	183	90,729	5,150,320	56.71	7	0.001614	92,443	149	92,368	5,475,959	59.24
8	0.001778	90,637	161	90,557	5,059,591	55.82	8	0.001386	92,293	128	92,229	5,383,591	58.33
9	0.001617	90,476	146	90,403	4,969,035	54.92	9	0.001235	92,165	114	92,109	5,291,362	57.41
10	0.001532	90,330	138	90,261	4,878,632	54.01	10	0.001161	92,052	107	91,998	5,199,253	56.48
11	0.001527	90,191	138	90,122	4,788,371	53.09	11	0.001171	91,945	108	91,891	5,107,255	55.55
12	0.001612	90,054	145	89,981	4,698,249	52.17	12	0.001272	91,837	117	91,779	5,015,364	54.61
13	0.001790	89,908	161	89,828	4,608,268	51.26	13	0.001467	91,720	135	91,653	4,923,586	53.68
14	0.002038	89,748	183	89,656	4,518,440	50.35	14	0.001731	91,586	159	91,506	4,831,933	52.76
15	0.002335	89,565	209	89,460	4,428,784	49.45	15	0.002047	91,427	187	91,334	4,740,426	51.85
16	0.002647	89,355	237	89,237	4,339,324	48.56	16	0.002376	91,240	217	91,132	4,649,093	50.95
17	0.002951	89,119	263	88,987	4,250,087	47.69	17	0.002685	91,023	244	90,901	4,557,961	50.07
18	0.003226	88,856	287	88,713	4,161,099	46.83	18	0.002949	90,779	268	90,645	4,467,060	49.21
19	0.003474	88,569	308	88,415	4,072,386	45.98	19	0.003176	90,511	287	90,367	4,376,415	48.35
20	0.003737	88,262	330	88,097	3,983,971	45.14	20	0.003407	90,224	307	90,070	4,286,048	47.50
21	0.003997	87,932	351	87,756	3,895,874	44.31	21	0.003640	89,916	327	89,753	4,195,978	46.67
22	0.004194	87,580	367	87,397	3,808,118	43.48	22	0.003825	89,589	343	89,418	4,106,225	45.83
23	0.004307	87,213	376	87,025	3,720,721	42.66	23	0.003949	89,246	352	89,070	4,016,807	45.01
24	0.004358	86,837	378	86,648	3,633,696	41.84	24	0.004027	88,894	358	88,715	3,927,737	44.18
25	0.004389	86,459	379	86,269	3,547,048	41.03	25	0.004088	88,536	362	88,355	3,839,022	43.36
26	0.004436	86,079	382	85,889	3,460,779	40.20	26	0.004153	88,174	366	87,991	3,750,667	42.54
27	0.004506	85,698	386	85,505	3,374,890	39.38	27	0.004217	87,808	370	87,623	3,662,677	41.71
28	0.004614	85,311	394	85,115	3,289,386	38.56	28	0.004287	87,437	375	87,250	3,575,054	40.89
29	0.004755	84,918	404	84,716	3,204,271	37.73	29	0.004365	87,063	380	86,873	3,487,804	40.06
30	0.004912	84,514	415	84,306	3,119,555	36.91	30	0.004445	86,683	385	86,490	3,400,932	39.23
31	0.005073	84,099	427	83,886	3,035,248	36.09	31	0.004531	86,297	391	86,102	3,314,442	38.41
32	0.005245	83,672	439	83,453	2,951,363	35.27	32	0.004634	85,906	398	85,707	3,228,340	37.58
33	0.005426	83,233	452	83,008	2,867,910	34.46	33	0.004758	85,508	407	85,305	3,142,633	36.75
34	0.005621	82,782	465	82,549	2,784,902	33.64	34	0.004904	85,101	417	84,893	3,057,328	35.93
35	0.005835	82,316	480	82,076	2,702,353	32.83	35	0.005067	84,684	429	84,469	2,972,435	35.10
36	0.006081	81,836	498	81,587	2,620,277	32.02	36	0.005248	84,255	442	84,034	2,887,966	34.28
37	0.006380	81,339	519	81,079	2,538,690	31.21	37	0.005455	83,813	457	83,584	2,803,932	33.45
38	0.006740	80,820	545	80,547	2,457,611	30.41	38	0.005691	83,356	474	83,118	2,720,348	32.64
39	0.007154	80,275	574	79,988	2,377,063	29.61	39	0.005956	82,881	494	82,634	2,637,229	31.82

**Table 6 – Period Life Tables for U. S. Social Security Area by Calendar Year and Sex**

Male							Female						
x	q <sub>x</sub>	l <sub>x</sub>	d <sub>x</sub>	L <sub>x</sub>	T <sub>x</sub>	e <sub>x</sub>	x	q <sub>x</sub>	l <sub>x</sub>	d <sub>x</sub>	L <sub>x</sub>	T <sub>x</sub>	e <sub>x</sub>
<b>Calendar Year 1930</b>													
40	0.007617	79,701	607	79,397	2,297,076	28.82	40	0.006253	82,388	515	82,130	2,554,595	31.01
41	0.008105	79,093	641	78,773	2,217,679	28.04	41	0.006576	81,872	538	81,603	2,472,465	30.20
42	0.008601	78,452	675	78,115	2,138,906	27.26	42	0.006916	81,334	563	81,053	2,390,862	29.40
43	0.009091	77,778	707	77,424	2,060,791	26.50	43	0.007268	80,771	587	80,478	2,309,809	28.60
44	0.009593	77,071	739	76,701	1,983,366	25.73	44	0.007643	80,184	613	79,878	2,229,331	27.80
45	0.010130	76,331	773	75,945	1,906,666	24.98	45	0.008053	79,572	641	79,251	2,149,453	27.01
46	0.010731	75,558	811	75,153	1,830,721	24.23	46	0.008511	78,931	672	78,595	2,070,202	26.23
47	0.011409	74,747	853	74,321	1,755,568	23.49	47	0.009018	78,259	706	77,906	1,991,607	25.45
48	0.012181	73,894	900	73,444	1,681,248	22.75	48	0.009578	77,553	743	77,182	1,913,701	24.68
49	0.013036	72,994	952	72,519	1,607,803	22.03	49	0.010195	76,810	783	76,419	1,836,519	23.91
50	0.013984	72,043	1,007	71,539	1,535,285	21.31	50	0.010883	76,027	827	75,614	1,760,100	23.15
51	0.014990	71,035	1,065	70,503	1,463,746	20.61	51	0.011633	75,200	875	74,763	1,684,486	22.40
52	0.016011	69,970	1,120	69,410	1,393,243	19.91	52	0.012421	74,325	923	73,864	1,609,724	21.66
53	0.017029	68,850	1,172	68,264	1,323,832	19.23	53	0.013243	73,402	972	72,916	1,535,860	20.92
54	0.018081	67,678	1,224	67,066	1,255,568	18.55	54	0.014119	72,430	1,023	71,919	1,462,945	20.20
55	0.019217	66,454	1,277	65,816	1,188,503	17.88	55	0.015083	71,407	1,077	70,869	1,391,026	19.48
56	0.020494	65,177	1,336	64,509	1,122,687	17.23	56	0.016162	70,330	1,137	69,762	1,320,157	18.77
57	0.021935	63,841	1,400	63,141	1,058,178	16.58	57	0.017367	69,194	1,202	68,593	1,250,395	18.07
58	0.023568	62,441	1,472	61,705	995,037	15.94	58	0.018713	67,992	1,272	67,356	1,181,803	17.38
59	0.025386	60,969	1,548	60,195	933,332	15.31	59	0.020203	66,720	1,348	66,046	1,114,447	16.70
60	0.027395	59,422	1,628	58,608	873,136	14.69	60	0.021874	65,372	1,430	64,657	1,048,401	16.04
61	0.029558	57,794	1,708	56,940	814,529	14.09	61	0.023695	63,942	1,515	63,184	983,745	15.39
62	0.031830	56,085	1,785	55,193	757,589	13.51	62	0.025608	62,427	1,599	61,627	920,561	14.75
63	0.034194	54,300	1,857	53,372	702,396	12.94	63	0.027594	60,828	1,678	59,989	858,934	14.12
64	0.036701	52,443	1,925	51,481	649,024	12.38	64	0.029711	59,149	1,757	58,271	798,945	13.51
65	0.039454	50,519	1,993	49,522	597,543	11.83	65	0.032053	57,392	1,840	56,472	740,674	12.91
66	0.042498	48,526	2,062	47,494	548,021	11.29	66	0.034688	55,552	1,927	54,589	684,202	12.32
67	0.045799	46,463	2,128	45,399	500,527	10.77	67	0.037621	53,625	2,017	52,617	629,613	11.74
68	0.049374	44,335	2,189	43,241	455,127	10.27	68	0.040885	51,608	2,110	50,553	576,996	11.18
69	0.053262	42,146	2,245	41,024	411,886	9.77	69	0.044499	49,498	2,203	48,397	526,443	10.64
70	0.057515	39,902	2,295	38,754	370,862	9.29	70	0.048483	47,295	2,293	46,149	478,046	10.11
71	0.062169	37,607	2,338	36,438	332,108	8.83	71	0.052842	45,002	2,378	43,813	431,898	9.60
72	0.067243	35,269	2,372	34,083	295,671	8.38	72	0.057582	42,624	2,454	41,397	388,084	9.10
73	0.072761	32,897	2,394	31,700	261,588	7.95	73	0.062715	40,170	2,519	38,910	346,687	8.63
74	0.078750	30,503	2,402	29,302	229,887	7.54	74	0.068275	37,651	2,571	36,365	307,777	8.17
75	0.085086	28,101	2,391	26,906	200,585	7.14	75	0.074160	35,080	2,602	33,779	271,411	7.74
76	0.091908	25,710	2,363	24,529	173,679	6.76	76	0.080522	32,479	2,615	31,171	237,632	7.32
77	0.099494	23,347	2,323	22,186	149,150	6.39	77	0.087641	29,863	2,617	28,555	206,461	6.91
78	0.107944	21,024	2,269	19,890	126,965	6.04	78	0.095626	27,246	2,605	25,943	177,906	6.53
79	0.117095	18,755	2,196	17,657	107,075	5.71	79	0.104306	24,641	2,570	23,356	151,963	6.17

**Table 6 – Period Life Tables for U. S. Social Security Area by Calendar Year and Sex**

Male							Female						
x	q <sub>x</sub>	l <sub>x</sub>	d <sub>x</sub>	L <sub>x</sub>	T <sub>x</sub>	e <sub>x</sub>	x	q <sub>x</sub>	l <sub>x</sub>	d <sub>x</sub>	L <sub>x</sub>	T <sub>x</sub>	e <sub>x</sub>
<b>Calendar Year 1930</b>													
80	0.127168	16,559	2,106	15,506	89,418	5.40	80	0.114110	22,070	2,518	20,811	128,607	5.83
81	0.137554	14,453	1,988	13,459	73,912	5.11	81	0.124244	19,552	2,429	18,337	107,796	5.51
82	0.147360	12,465	1,837	11,547	60,453	4.85	82	0.133419	17,123	2,285	15,981	89,459	5.22
83	0.156222	10,628	1,660	9,798	48,907	4.60	83	0.141142	14,838	2,094	13,791	73,478	4.95
84	0.164757	8,968	1,478	8,229	39,109	4.36	84	0.148300	12,744	1,890	11,799	59,687	4.68
85	0.173881	7,490	1,302	6,839	30,880	4.12	85	0.156213	10,854	1,696	10,006	47,888	4.41
86	0.184355	6,188	1,141	5,617	24,040	3.89	86	0.165988	9,159	1,520	8,398	37,882	4.14
87	0.196638	5,047	992	4,551	18,423	3.65	87	0.178301	7,638	1,362	6,957	29,483	3.86
88	0.210854	4,055	855	3,627	13,872	3.42	88	0.193349	6,276	1,214	5,670	22,526	3.59
89	0.226829	3,200	726	2,837	10,245	3.20	89	0.210902	5,063	1,068	4,529	16,856	3.33
90	0.244298	2,474	604	2,172	7,408	2.99	90	0.230587	3,995	921	3,534	12,327	3.09
91	0.262949	1,870	492	1,624	5,236	2.80	91	0.251963	3,074	775	2,687	8,793	2.86
92	0.282467	1,378	389	1,183	3,613	2.62	92	0.274582	2,299	631	1,984	6,106	2.66
93	0.302571	989	299	839	2,429	2.46	93	0.298048	1,668	497	1,419	4,122	2.47
94	0.323004	690	223	578	1,590	2.31	94	0.321996	1,171	377	982	2,703	2.31
95	0.343684	467	160	387	1,012	2.17	95	0.343684	794	273	657	1,721	2.17
96	0.364484	306	112	251	625	2.04	96	0.364484	521	190	426	1,063	2.04
97	0.385264	195	75	157	375	1.92	97	0.385264	331	128	267	637	1.92
98	0.405878	120	49	95	218	1.82	98	0.405878	204	83	162	370	1.82
99	0.426172	71	30	56	122	1.72	99	0.426172	121	52	95	208	1.72
100	0.447480	41	18	32	66	1.62	100	0.447480	69	31	54	112	1.62
101	0.469854	23	11	17	34	1.53	101	0.469854	38	18	29	59	1.53
102	0.493347	12	6	9	17	1.44	102	0.493347	20	10	15	29	1.44
103	0.518014	6	3	4	8	1.35	103	0.518014	10	5	8	14	1.35
104	0.543915	3	2	2	4	1.27	104	0.543915	5	3	4	6	1.27
105	0.571111	1	1	1	2	1.19	105	0.571111	2	1	2	3	1.19
106	0.599666	1	0	0	1	1.12	106	0.599666	1	1	1	1	1.12
107	0.629649	0	0	0	0	1.05	107	0.629649	0	0	0	0	1.05
108	0.661132	0	0	0	0	0.98	108	0.661132	0	0	0	0	0.98
109	0.694188	0	0	0	0	0.91	109	0.694188	0	0	0	0	0.91
110	0.728898	0	0	0	0	0.85	110	0.728898	0	0	0	0	0.85
111	0.765343	0	0	0	0	0.79	111	0.765343	0	0	0	0	0.79
112	0.803610	0	0	0	0	0.73	112	0.803610	0	0	0	0	0.73
113	0.843790	0	0	0	0	0.68	113	0.843790	0	0	0	0	0.68
114	0.885980	0	0	0	0	0.62	114	0.885980	0	0	0	0	0.62
115	0.930279	0	0	0	0	0.57	115	0.930279	0	0	0	0	0.57
116	0.976793	0	0	0	0	0.52	116	0.976793	0	0	0	0	0.52
117	1.000000	0	0	0	0	0.50	117	1.000000	0	0	0	0	0.50
118	1.000000	0	0	0	0	0.00	118	1.000000	0	0	0	0	0.00
119	1.000000	0	0	0	0	0.00	119	1.000000	0	0	0	0	0.00

**Table 6 – Period Life Tables for U. S. Social Security Area by Calendar Year and Sex**

Male							Female						
x	q <sub>x</sub>	l <sub>x</sub>	d <sub>x</sub>	L <sub>x</sub>	T <sub>x</sub>	e <sub>x</sub>	x	q <sub>x</sub>	l <sub>x</sub>	d <sub>x</sub>	L <sub>x</sub>	T <sub>x</sub>	e <sub>x</sub>
<b>Calendar Year 1940</b>													
0	0.052860	100,000	5,286	95,590	6,143,269	61.43	0	0.041627	100,000	4,163	96,576	6,573,624	65.74
1	0.005785	94,714	548	94,440	6,047,679	63.85	1	0.005001	95,837	479	95,598	6,477,048	67.58
2	0.003007	94,166	283	94,025	5,953,239	63.22	2	0.002570	95,358	245	95,235	6,381,450	66.92
3	0.002003	93,883	188	93,789	5,859,215	62.41	3	0.001769	95,113	168	95,029	6,286,215	66.09
4	0.001669	93,695	156	93,617	5,765,426	61.53	4	0.001434	94,945	136	94,877	6,191,186	65.21
5	0.001473	93,539	138	93,470	5,671,809	60.64	5	0.001208	94,809	115	94,751	6,096,309	64.30
6	0.001321	93,401	123	93,339	5,578,340	59.72	6	0.001035	94,694	98	94,645	6,001,558	63.38
7	0.001203	93,277	112	93,221	5,485,001	58.80	7	0.000907	94,596	86	94,553	5,906,913	62.44
8	0.001114	93,165	104	93,113	5,391,780	57.87	8	0.000814	94,510	77	94,472	5,812,360	61.50
9	0.001051	93,061	98	93,012	5,298,667	56.94	9	0.000755	94,433	71	94,398	5,717,888	60.55
10	0.001019	92,964	95	92,916	5,205,654	56.00	10	0.000730	94,362	69	94,328	5,623,491	59.59
11	0.001027	92,869	95	92,821	5,112,738	55.05	11	0.000744	94,293	70	94,258	5,529,163	58.64
12	0.001085	92,773	101	92,723	5,019,917	54.11	12	0.000804	94,223	76	94,185	5,434,905	57.68
13	0.001198	92,673	111	92,617	4,927,194	53.17	13	0.000912	94,147	86	94,104	5,340,720	56.73
14	0.001355	92,562	125	92,499	4,834,577	52.23	14	0.001056	94,061	99	94,012	5,246,616	55.78
15	0.001535	92,436	142	92,365	4,742,078	51.30	15	0.001227	93,962	115	93,904	5,152,604	54.84
16	0.001722	92,294	159	92,215	4,649,712	50.38	16	0.001402	93,847	132	93,781	5,058,700	53.90
17	0.001909	92,136	176	92,048	4,557,497	49.47	17	0.001561	93,715	146	93,642	4,964,919	52.98
18	0.002089	91,960	192	91,864	4,465,450	48.56	18	0.001690	93,569	158	93,490	4,871,277	52.06
19	0.002260	91,768	207	91,664	4,373,586	47.66	19	0.001797	93,411	168	93,327	4,777,787	51.15
20	0.002442	91,560	224	91,448	4,281,922	46.77	20	0.001905	93,243	178	93,154	4,684,460	50.24
21	0.002622	91,337	239	91,217	4,190,474	45.88	21	0.002020	93,065	188	92,971	4,591,306	49.33
22	0.002760	91,097	251	90,971	4,099,257	45.00	22	0.002118	92,877	197	92,779	4,498,335	48.43
23	0.002843	90,846	258	90,716	4,008,286	44.12	23	0.002194	92,681	203	92,579	4,405,556	47.53
24	0.002887	90,587	262	90,457	3,917,569	43.25	24	0.002256	92,477	209	92,373	4,312,977	46.64
25	0.002921	90,326	264	90,194	3,827,113	42.37	25	0.002313	92,269	213	92,162	4,220,604	45.74
26	0.002970	90,062	267	89,928	3,736,919	41.49	26	0.002377	92,055	219	91,946	4,128,442	44.85
27	0.003038	89,795	273	89,658	3,646,991	40.61	27	0.002452	91,836	225	91,724	4,036,496	43.95
28	0.003135	89,522	281	89,381	3,557,333	39.74	28	0.002544	91,611	233	91,495	3,944,772	43.06
29	0.003257	89,241	291	89,096	3,467,951	38.86	29	0.002651	91,378	242	91,257	3,853,278	42.17
30	0.003397	88,950	302	88,799	3,378,856	37.99	30	0.002769	91,136	252	91,010	3,762,021	41.28
31	0.003546	88,648	314	88,491	3,290,056	37.11	31	0.002893	90,883	263	90,752	3,671,011	40.39
32	0.003707	88,334	327	88,170	3,201,565	36.24	32	0.003022	90,621	274	90,484	3,580,259	39.51
33	0.003878	88,006	341	87,836	3,113,395	35.38	33	0.003156	90,347	285	90,204	3,489,775	38.63
34	0.004066	87,665	356	87,487	3,025,559	34.51	34	0.003299	90,062	297	89,913	3,399,571	37.75
35	0.004276	87,309	373	87,122	2,938,072	33.65	35	0.003453	89,764	310	89,609	3,309,658	36.87
36	0.004521	86,935	393	86,739	2,850,950	32.79	36	0.003626	89,455	324	89,292	3,220,049	36.00
37	0.004807	86,542	416	86,334	2,764,212	31.94	37	0.003825	89,130	341	88,960	3,130,756	35.13
38	0.005142	86,126	443	85,905	2,677,877	31.09	38	0.004054	88,789	360	88,609	3,041,797	34.26
39	0.005523	85,683	473	85,447	2,591,972	30.25	39	0.004310	88,429	381	88,239	2,953,187	33.40



**Table 6 – Period Life Tables for U. S. Social Security Area by Calendar Year and Sex**

Male							Female						
x	q <sub>x</sub>	l <sub>x</sub>	d <sub>x</sub>	L <sub>x</sub>	T <sub>x</sub>	e <sub>x</sub>	x	q <sub>x</sub>	l <sub>x</sub>	d <sub>x</sub>	L <sub>x</sub>	T <sub>x</sub>	e <sub>x</sub>
<b>Calendar Year 1940</b>													
40	0.005951	85,210	507	84,957	2,506,526	29.42	40	0.004596	88,048	405	87,846	2,864,949	32.54
41	0.006418	84,703	544	84,431	2,421,569	28.59	41	0.004903	87,643	430	87,429	2,777,103	31.69
42	0.006914	84,160	582	83,869	2,337,138	27.77	42	0.005216	87,214	455	86,986	2,689,674	30.84
43	0.007436	83,578	621	83,267	2,253,269	26.96	43	0.005530	86,759	480	86,519	2,602,688	30.00
44	0.007994	82,956	663	82,625	2,170,002	26.16	44	0.005856	86,279	505	86,026	2,516,169	29.16
45	0.008599	82,293	708	81,939	2,087,378	25.37	45	0.006208	85,774	532	85,508	2,430,143	28.33
46	0.009270	81,585	756	81,207	2,005,438	24.58	46	0.006607	85,241	563	84,960	2,344,635	27.51
47	0.010022	80,829	810	80,424	1,924,231	23.81	47	0.007062	84,678	598	84,379	2,259,675	26.69
48	0.010867	80,019	870	79,584	1,843,807	23.04	48	0.007585	84,080	638	83,761	2,175,296	25.87
49	0.011799	79,149	934	78,683	1,764,223	22.29	49	0.008171	83,442	682	83,102	2,091,535	25.07
50	0.012809	78,216	1,002	77,715	1,685,540	21.55	50	0.008822	82,761	730	82,396	2,008,433	24.27
51	0.013881	77,214	1,072	76,678	1,607,826	20.82	51	0.009520	82,030	781	81,640	1,926,038	23.48
52	0.015010	76,142	1,143	75,570	1,531,148	20.11	52	0.010241	81,250	832	80,834	1,844,398	22.70
53	0.016191	74,999	1,214	74,392	1,455,577	19.41	53	0.010976	80,417	883	79,976	1,763,564	21.93
54	0.017432	73,785	1,286	73,142	1,381,186	18.72	54	0.011747	79,535	934	79,068	1,683,588	21.17
55	0.018782	72,498	1,362	71,818	1,308,044	18.04	55	0.012607	78,601	991	78,105	1,604,520	20.41
56	0.020231	71,137	1,439	70,417	1,236,226	17.38	56	0.013570	77,610	1,053	77,083	1,526,415	19.67
57	0.021729	69,698	1,514	68,940	1,165,809	16.73	57	0.014604	76,556	1,118	75,997	1,449,332	18.93
58	0.023263	68,183	1,586	67,390	1,096,869	16.09	58	0.015712	75,438	1,185	74,846	1,373,335	18.20
59	0.024871	66,597	1,656	65,769	1,029,479	15.46	59	0.016920	74,253	1,256	73,625	1,298,489	17.49
60	0.026633	64,941	1,730	64,076	963,710	14.84	60	0.018290	72,997	1,335	72,329	1,224,864	16.78
61	0.028577	63,211	1,806	62,308	899,634	14.23	61	0.019835	71,662	1,421	70,951	1,152,535	16.08
62	0.030673	61,405	1,883	60,463	837,326	13.64	62	0.021522	70,240	1,512	69,484	1,081,584	15.40
63	0.032933	59,521	1,960	58,541	776,863	13.05	63	0.023356	68,729	1,605	67,926	1,012,100	14.73
64	0.035391	57,561	2,037	56,543	718,322	12.48	64	0.025378	67,123	1,703	66,272	944,174	14.07
65	0.038116	55,524	2,116	54,466	661,779	11.92	65	0.027644	65,420	1,808	64,516	877,902	13.42
66	0.041129	53,408	2,197	52,309	607,313	11.37	66	0.030207	63,611	1,922	62,651	813,387	12.79
67	0.044408	51,211	2,274	50,074	555,004	10.84	67	0.033091	61,690	2,041	60,669	750,736	12.17
68	0.047966	48,937	2,347	47,763	504,930	10.32	68	0.036330	59,648	2,167	58,565	690,067	11.57
69	0.051851	46,589	2,416	45,382	457,167	9.81	69	0.039938	57,481	2,296	56,334	631,502	10.99
70	0.056114	44,174	2,479	42,934	411,785	9.32	70	0.043950	55,186	2,425	53,973	575,168	10.42
71	0.060814	41,695	2,536	40,427	368,851	8.85	71	0.048350	52,760	2,551	51,485	521,195	9.88
72	0.065987	39,159	2,584	37,867	328,424	8.39	72	0.053107	50,209	2,666	48,876	469,710	9.36
73	0.071671	36,575	2,621	35,265	290,556	7.94	73	0.058217	47,543	2,768	46,159	420,834	8.85
74	0.077877	33,954	2,644	32,632	255,292	7.52	74	0.063738	44,775	2,854	43,348	374,675	8.37
75	0.084494	31,310	2,645	29,987	222,660	7.11	75	0.069664	41,921	2,920	40,461	331,327	7.90
76	0.091612	28,664	2,626	27,351	192,673	6.72	76	0.076132	39,001	2,969	37,516	290,866	7.46
77	0.099449	26,038	2,589	24,744	165,322	6.35	77	0.083314	36,032	3,002	34,531	253,350	7.03
78	0.108080	23,449	2,534	22,182	140,578	6.00	78	0.091294	33,030	3,015	31,522	218,819	6.62
79	0.117382	20,914	2,455	19,687	118,397	5.66	79	0.099977	30,014	3,001	28,514	187,297	6.24

**Table 6 – Period Life Tables for U. S. Social Security Area by Calendar Year and Sex**

Male							Female						
x	q <sub>x</sub>	l <sub>x</sub>	d <sub>x</sub>	L <sub>x</sub>	T <sub>x</sub>	e <sub>x</sub>	x	q <sub>x</sub>	l <sub>x</sub>	d <sub>x</sub>	L <sub>x</sub>	T <sub>x</sub>	e <sub>x</sub>
<b>Calendar Year 1940</b>													
80	0.127494	18,459	2,353	17,283	98,710	5.35	80	0.109598	27,014	2,961	25,533	158,783	5.88
81	0.137986	16,106	2,222	14,995	81,427	5.06	81	0.119697	24,053	2,879	22,613	133,250	5.54
82	0.148244	13,884	2,058	12,855	66,432	4.78	82	0.129543	21,174	2,743	19,802	110,636	5.23
83	0.158015	11,825	1,869	10,891	53,578	4.53	83	0.138855	18,431	2,559	17,151	90,834	4.93
84	0.167720	9,957	1,670	9,122	42,686	4.29	84	0.148156	15,872	2,351	14,696	73,683	4.64
85	0.177982	8,287	1,475	7,549	33,565	4.05	85	0.158207	13,520	2,139	12,451	58,987	4.36
86	0.189317	6,812	1,290	6,167	26,015	3.82	86	0.169643	11,381	1,931	10,416	46,536	4.09
87	0.202027	5,522	1,116	4,965	19,848	3.59	87	0.182842	9,450	1,728	8,587	36,120	3.82
88	0.216189	4,407	953	3,930	14,883	3.38	88	0.197909	7,723	1,528	6,958	27,534	3.57
89	0.231678	3,454	800	3,054	10,953	3.17	89	0.214706	6,194	1,330	5,529	20,575	3.32
90	0.248304	2,654	659	2,324	7,899	2.98	90	0.233012	4,864	1,133	4,298	15,046	3.09
91	0.265847	1,995	530	1,730	5,575	2.79	91	0.252568	3,731	942	3,260	10,749	2.88
92	0.284086	1,465	416	1,256	3,845	2.63	92	0.273108	2,789	762	2,408	7,489	2.69
93	0.302821	1,048	317	890	2,589	2.47	93	0.294393	2,027	597	1,729	5,081	2.51
94	0.321867	731	235	613	1,699	2.32	94	0.316198	1,430	452	1,204	3,353	2.34
95	0.341281	496	169	411	1,086	2.19	95	0.338728	978	331	812	2,148	2.20
96	0.360985	327	118	268	675	2.07	96	0.360985	647	233	530	1,336	2.07
97	0.380897	209	79	169	407	1.95	97	0.380897	413	157	335	806	1.95
98	0.400924	129	52	103	238	1.84	98	0.400924	256	103	205	472	1.84
99	0.420970	77	33	61	135	1.74	99	0.420970	153	65	121	267	1.74
100	0.442018	45	20	35	74	1.64	100	0.442018	89	39	69	146	1.64
101	0.464119	25	12	19	39	1.55	101	0.464119	50	23	38	77	1.55
102	0.487325	13	7	10	20	1.46	102	0.487325	27	13	20	39	1.46
103	0.511691	7	4	5	9	1.38	103	0.511691	14	7	10	19	1.38
104	0.537276	3	2	2	4	1.29	104	0.537276	7	4	5	9	1.29
105	0.564140	2	1	1	2	1.21	105	0.564140	3	2	2	4	1.21
106	0.592347	1	0	0	1	1.14	106	0.592347	1	1	1	2	1.14
107	0.621964	0	0	0	0	1.07	107	0.621964	1	0	0	1	1.07
108	0.653062	0	0	0	0	1.00	108	0.653062	0	0	0	0	1.00
109	0.685715	0	0	0	0	0.93	109	0.685715	0	0	0	0	0.93
110	0.720001	0	0	0	0	0.87	110	0.720001	0	0	0	0	0.87
111	0.756001	0	0	0	0	0.80	111	0.756001	0	0	0	0	0.80
112	0.793801	0	0	0	0	0.75	112	0.793801	0	0	0	0	0.75
113	0.833491	0	0	0	0	0.69	113	0.833491	0	0	0	0	0.69
114	0.875166	0	0	0	0	0.64	114	0.875166	0	0	0	0	0.64
115	0.918924	0	0	0	0	0.58	115	0.918924	0	0	0	0	0.58
116	0.964870	0	0	0	0	0.54	116	0.964870	0	0	0	0	0.54
117	1.000000	0	0	0	0	0.50	117	1.000000	0	0	0	0	0.50
118	1.000000	0	0	0	0	0.00	118	1.000000	0	0	0	0	0.00
119	1.000000	0	0	0	0	0.00	119	1.000000	0	0	0	0	0.00

**Table 6 – Period Life Tables for U. S. Social Security Area by Calendar Year and Sex**

Male							Female						
x	q <sub>x</sub>	l <sub>x</sub>	d <sub>x</sub>	L <sub>x</sub>	T <sub>x</sub>	e <sub>x</sub>	x	q <sub>x</sub>	l <sub>x</sub>	d <sub>x</sub>	L <sub>x</sub>	T <sub>x</sub>	e <sub>x</sub>
<b>Calendar Year 1950</b>													
0	0.032794	100,000	3,279	97,115	6,562,890	65.63	0	0.025512	100,000	2,551	97,793	7,112,839	71.13
1	0.002446	96,721	237	96,602	6,465,775	66.85	1	0.002038	97,449	199	97,350	7,015,046	71.99
2	0.001408	96,484	136	96,416	6,369,172	66.01	2	0.001172	97,250	114	97,193	6,917,697	71.13
3	0.001147	96,348	111	96,293	6,272,756	65.11	3	0.000985	97,136	96	97,088	6,820,504	70.22
4	0.000862	96,238	83	96,196	6,176,463	64.18	4	0.000738	97,041	72	97,005	6,723,415	69.28
5	0.000790	96,155	76	96,117	6,080,267	63.23	5	0.000638	96,969	62	96,938	6,626,411	68.34
6	0.000738	96,079	71	96,043	5,984,151	62.28	6	0.000560	96,907	54	96,880	6,529,473	67.38
7	0.000696	96,008	67	95,974	5,888,107	61.33	7	0.000500	96,853	48	96,829	6,432,593	66.42
8	0.000657	95,941	63	95,910	5,792,133	60.37	8	0.000454	96,804	44	96,782	6,335,764	65.45
9	0.000619	95,878	59	95,848	5,696,223	59.41	9	0.000421	96,760	41	96,740	6,238,982	64.48
10	0.000595	95,819	57	95,790	5,600,375	58.45	10	0.000402	96,720	39	96,700	6,142,242	63.51
11	0.000599	95,762	57	95,733	5,504,585	57.48	11	0.000401	96,681	39	96,661	6,045,542	62.53
12	0.000654	95,704	63	95,673	5,408,852	56.52	12	0.000425	96,642	41	96,621	5,948,880	61.56
13	0.000769	95,642	74	95,605	5,313,179	55.55	13	0.000475	96,601	46	96,578	5,852,259	60.58
14	0.000929	95,568	89	95,524	5,217,574	54.60	14	0.000545	96,555	53	96,529	5,755,681	59.61
15	0.001107	95,479	106	95,426	5,122,050	53.65	15	0.000628	96,502	61	96,472	5,659,152	58.64
16	0.001278	95,374	122	95,313	5,026,624	52.70	16	0.000713	96,442	69	96,407	5,562,680	57.68
17	0.001437	95,252	137	95,183	4,931,311	51.77	17	0.000786	96,373	76	96,335	5,466,272	56.72
18	0.001572	95,115	150	95,040	4,836,128	50.85	18	0.000840	96,297	81	96,257	5,369,937	55.76
19	0.001684	94,965	160	94,885	4,741,088	49.92	19	0.000880	96,216	85	96,174	5,273,680	54.81
20	0.001801	94,805	171	94,720	4,646,202	49.01	20	0.000920	96,132	88	96,088	5,177,506	53.86
21	0.001914	94,635	181	94,544	4,551,482	48.10	21	0.000966	96,043	93	95,997	5,081,419	52.91
22	0.001986	94,454	188	94,360	4,456,938	47.19	22	0.001009	95,951	97	95,902	4,985,422	51.96
23	0.002005	94,266	189	94,171	4,362,578	46.28	23	0.001049	95,854	101	95,803	4,889,520	51.01
24	0.001985	94,077	187	93,984	4,268,407	45.37	24	0.001088	95,753	104	95,701	4,793,716	50.06
25	0.001956	93,890	184	93,798	4,174,423	44.46	25	0.001130	95,649	108	95,595	4,698,015	49.12
26	0.001940	93,707	182	93,616	4,080,624	43.55	26	0.001176	95,541	112	95,485	4,602,420	48.17
27	0.001945	93,525	182	93,434	3,987,009	42.63	27	0.001228	95,429	117	95,370	4,506,935	47.23
28	0.001982	93,343	185	93,250	3,893,575	41.71	28	0.001288	95,311	123	95,250	4,411,565	46.29
29	0.002048	93,158	191	93,062	3,800,324	40.79	29	0.001355	95,189	129	95,124	4,316,315	45.34
30	0.002133	92,967	198	92,868	3,707,262	39.88	30	0.001431	95,060	136	94,992	4,221,191	44.41
31	0.002229	92,769	207	92,665	3,614,394	38.96	31	0.001518	94,924	144	94,852	4,126,199	43.47
32	0.002344	92,562	217	92,454	3,521,728	38.05	32	0.001616	94,780	153	94,703	4,031,348	42.53
33	0.002479	92,345	229	92,231	3,429,275	37.14	33	0.001727	94,626	163	94,545	3,936,645	41.60
34	0.002637	92,116	243	91,995	3,337,044	36.23	34	0.001852	94,463	175	94,375	3,842,100	40.67
35	0.002822	91,873	259	91,744	3,245,050	35.32	35	0.001990	94,288	188	94,194	3,747,725	39.75
36	0.003042	91,614	279	91,475	3,153,306	34.42	36	0.002145	94,100	202	93,999	3,653,530	38.83
37	0.003302	91,335	302	91,184	3,061,832	33.52	37	0.002320	93,899	218	93,790	3,559,531	37.91
38	0.003608	91,034	328	90,869	2,970,647	32.63	38	0.002516	93,681	236	93,563	3,465,741	37.00
39	0.003959	90,705	359	90,526	2,879,778	31.75	39	0.002734	93,445	255	93,317	3,372,179	36.09

**Table 6 – Period Life Tables for U. S. Social Security Area by Calendar Year and Sex**

Male							Female						
x	q <sub>x</sub>	l <sub>x</sub>	d <sub>x</sub>	L <sub>x</sub>	T <sub>x</sub>	e <sub>x</sub>	x	q <sub>x</sub>	l <sub>x</sub>	d <sub>x</sub>	L <sub>x</sub>	T <sub>x</sub>	e <sub>x</sub>
<b>Calendar Year 1950</b>													
40	0.004356	90,346	394	90,149	2,789,252	30.87	40	0.002974	93,189	277	93,051	3,278,861	35.18
41	0.004794	89,953	431	89,737	2,699,103	30.01	41	0.003233	92,912	300	92,762	3,185,810	34.29
42	0.005268	89,521	472	89,286	2,609,366	29.15	42	0.003508	92,612	325	92,450	3,093,048	33.40
43	0.005775	89,050	514	88,793	2,520,080	28.30	43	0.003798	92,287	351	92,112	3,000,599	32.51
44	0.006325	88,535	560	88,255	2,431,288	27.46	44	0.004106	91,937	377	91,748	2,908,487	31.64
45	0.006925	87,975	609	87,671	2,343,032	26.63	45	0.004441	91,559	407	91,356	2,816,739	30.76
46	0.007587	87,366	663	87,035	2,255,361	25.82	46	0.004805	91,152	438	90,933	2,725,383	29.90
47	0.008315	86,703	721	86,343	2,168,327	25.01	47	0.005196	90,714	471	90,479	2,634,450	29.04
48	0.009116	85,982	784	85,591	2,081,984	24.21	48	0.005614	90,243	507	89,990	2,543,971	28.19
49	0.009990	85,199	851	84,773	1,996,393	23.43	49	0.006063	89,736	544	89,464	2,453,981	27.35
50	0.010936	84,348	922	83,886	1,911,620	22.66	50	0.006563	89,192	585	88,900	2,364,517	26.51
51	0.011951	83,425	997	82,927	1,827,734	21.91	51	0.007107	88,607	630	88,292	2,275,617	25.68
52	0.013034	82,428	1,074	81,891	1,744,807	21.17	52	0.007670	87,977	675	87,640	2,187,325	24.86
53	0.014185	81,354	1,154	80,777	1,662,916	20.44	53	0.008247	87,303	720	86,943	2,099,685	24.05
54	0.015409	80,200	1,236	79,582	1,582,139	19.73	54	0.008857	86,583	767	86,199	2,012,742	23.25
55	0.016715	78,964	1,320	78,304	1,502,557	19.03	55	0.009515	85,816	817	85,407	1,926,543	22.45
56	0.018113	77,644	1,406	76,941	1,424,253	18.34	56	0.010261	84,999	872	84,563	1,841,136	21.66
57	0.019607	76,238	1,495	75,490	1,347,313	17.67	57	0.011129	84,127	936	83,659	1,756,573	20.88
58	0.021202	74,743	1,585	73,951	1,271,822	17.02	58	0.012145	83,191	1,010	82,686	1,672,914	20.11
59	0.022900	73,158	1,675	72,321	1,197,872	16.37	59	0.013292	82,180	1,092	81,634	1,590,228	19.35
60	0.024757	71,483	1,770	70,598	1,125,551	15.75	60	0.014623	81,088	1,186	80,495	1,508,594	18.60
61	0.026729	69,713	1,863	68,781	1,054,953	15.13	61	0.016048	79,902	1,282	79,261	1,428,099	17.87
62	0.028713	67,850	1,948	66,876	986,172	14.53	62	0.017415	78,620	1,369	77,935	1,348,838	17.16
63	0.030675	65,902	2,022	64,891	919,296	13.95	63	0.018664	77,251	1,442	76,530	1,270,902	16.45
64	0.032691	63,880	2,088	62,836	854,405	13.38	64	0.019907	75,809	1,509	75,054	1,194,372	15.76
65	0.034871	61,792	2,155	60,714	791,569	12.81	65	0.021285	74,300	1,581	73,509	1,119,318	15.06
66	0.037321	59,637	2,226	58,524	730,855	12.26	66	0.022987	72,718	1,672	71,883	1,045,809	14.38
67	0.040078	57,411	2,301	56,261	672,331	11.71	67	0.025125	71,047	1,785	70,154	973,926	13.71
68	0.043197	55,110	2,381	53,920	616,070	11.18	68	0.027804	69,262	1,926	68,299	903,772	13.05
69	0.046672	52,730	2,461	51,499	562,150	10.66	69	0.030969	67,336	2,085	66,293	835,473	12.41
70	0.050464	50,269	2,537	49,000	510,650	10.16	70	0.034488	65,251	2,250	64,126	769,180	11.79
71	0.054558	47,732	2,604	46,430	461,650	9.67	71	0.038282	63,000	2,412	61,794	705,054	11.19
72	0.058992	45,128	2,662	43,797	415,220	9.20	72	0.042394	60,589	2,569	59,304	643,260	10.62
73	0.063777	42,466	2,708	41,112	371,423	8.75	73	0.046812	58,020	2,716	56,662	583,955	10.06
74	0.068930	39,757	2,740	38,387	330,312	8.31	74	0.051559	55,304	2,851	53,878	527,293	9.53
75	0.074579	37,017	2,761	35,637	291,924	7.89	75	0.056808	52,453	2,980	50,963	473,415	9.03
76	0.080656	34,256	2,763	32,875	256,288	7.48	76	0.062486	49,473	3,091	47,927	422,452	8.54
77	0.086977	31,493	2,739	30,124	223,413	7.09	77	0.068357	46,381	3,170	44,796	374,525	8.07
78	0.093491	28,754	2,688	27,410	193,290	6.72	78	0.074354	43,211	3,213	41,604	329,729	7.63
79	0.100340	26,066	2,615	24,758	165,880	6.36	79	0.080640	39,998	3,225	38,385	288,125	7.20

**Table 6 – Period Life Tables for U. S. Social Security Area by Calendar Year and Sex**

Male							Female						
x	q <sub>x</sub>	l <sub>x</sub>	d <sub>x</sub>	L <sub>x</sub>	T <sub>x</sub>	e <sub>x</sub>	x	q <sub>x</sub>	l <sub>x</sub>	d <sub>x</sub>	L <sub>x</sub>	T <sub>x</sub>	e <sub>x</sub>
<b>Calendar Year 1950</b>													
80	0.107612	23,450	2,524	22,189	141,122	6.02	80	0.087437	36,773	3,215	35,165	249,739	6.79
81	0.115584	20,927	2,419	19,717	118,933	5.68	81	0.094969	33,557	3,187	31,964	214,574	6.39
82	0.124516	18,508	2,305	17,356	99,216	5.36	82	0.103321	30,370	3,138	28,801	182,611	6.01
83	0.134559	16,203	2,180	15,113	81,860	5.05	83	0.112601	27,233	3,066	25,699	153,809	5.65
84	0.145550	14,023	2,041	13,003	66,747	4.76	84	0.122771	24,166	2,967	22,683	128,110	5.30
85	0.157231	11,982	1,884	11,040	53,744	4.49	85	0.133746	21,199	2,835	19,782	105,427	4.97
86	0.169386	10,098	1,710	9,243	42,704	4.23	86	0.145457	18,364	2,671	17,028	85,646	4.66
87	0.181893	8,388	1,526	7,625	33,461	3.99	87	0.157873	15,693	2,477	14,454	68,617	4.37
88	0.194721	6,862	1,336	6,194	25,836	3.77	88	0.171001	13,215	2,260	12,085	54,163	4.10
89	0.207928	5,526	1,149	4,951	19,642	3.55	89	0.184881	10,955	2,025	9,943	42,078	3.84
90	0.221591	4,377	970	3,892	14,691	3.36	90	0.199559	8,930	1,782	8,039	32,135	3.60
91	0.235794	3,407	803	3,005	10,799	3.17	91	0.215081	7,148	1,537	6,379	24,096	3.37
92	0.250621	2,604	653	2,277	7,794	2.99	92	0.231483	5,611	1,299	4,961	17,717	3.16
93	0.266135	1,951	519	1,691	5,516	2.83	93	0.248789	4,312	1,073	3,775	12,756	2.96
94	0.282393	1,432	404	1,230	3,825	2.67	94	0.267012	3,239	865	2,807	8,980	2.77
95	0.299018	1,028	307	874	2,595	2.53	95	0.285862	2,374	679	2,035	6,174	2.60
96	0.315958	720	228	606	1,721	2.39	96	0.305286	1,696	518	1,437	4,139	2.44
97	0.333158	493	164	411	1,115	2.26	97	0.325221	1,178	383	986	2,702	2.29
98	0.350554	329	115	271	704	2.14	98	0.345596	795	275	657	1,716	2.16
99	0.368082	213	79	174	433	2.03	99	0.366332	520	191	425	1,058	2.03
100	0.386486	135	52	109	259	1.92	100	0.386486	330	127	266	633	1.92
101	0.405811	83	34	66	150	1.82	101	0.405811	202	82	161	368	1.82
102	0.426101	49	21	39	84	1.72	102	0.426101	120	51	95	206	1.72
103	0.447406	28	13	22	46	1.62	103	0.447406	69	31	54	112	1.62
104	0.469776	16	7	12	24	1.53	104	0.469776	38	18	29	58	1.53
105	0.493265	8	4	6	12	1.44	105	0.493265	20	10	15	29	1.44
106	0.517928	4	2	3	6	1.35	106	0.517928	10	5	8	14	1.35
107	0.543825	2	1	1	3	1.27	107	0.543825	5	3	4	6	1.27
108	0.571016	1	1	1	1	1.19	108	0.571016	2	1	2	3	1.19
109	0.599567	0	0	0	0	1.12	109	0.599567	1	1	1	1	1.12
110	0.629545	0	0	0	0	1.05	110	0.629545	0	0	0	0	1.05
111	0.661022	0	0	0	0	0.98	111	0.661022	0	0	0	0	0.98
112	0.694073	0	0	0	0	0.91	112	0.694073	0	0	0	0	0.91
113	0.728777	0	0	0	0	0.85	113	0.728777	0	0	0	0	0.85
114	0.765216	0	0	0	0	0.79	114	0.765216	0	0	0	0	0.79
115	0.803477	0	0	0	0	0.73	115	0.803477	0	0	0	0	0.73
116	0.843650	0	0	0	0	0.68	116	0.843650	0	0	0	0	0.68
117	0.885833	0	0	0	0	0.62	117	0.885833	0	0	0	0	0.62
118	0.930124	0	0	0	0	0.57	118	0.930124	0	0	0	0	0.57
119	0.976631	0	0	0	0	0.52	119	0.976631	0	0	0	0	0.52

**Table 6 – Period Life Tables for U. S. Social Security Area by Calendar Year and Sex**

Male							Female						
x	q <sub>x</sub>	l <sub>x</sub>	d <sub>x</sub>	L <sub>x</sub>	T <sub>x</sub>	e <sub>x</sub>	x	q <sub>x</sub>	l <sub>x</sub>	d <sub>x</sub>	L <sub>x</sub>	T <sub>x</sub>	e <sub>x</sub>
<b>Calendar Year 1960</b>													
0	0.029374	100,000	2,937	97,379	6,666,099	66.66	0	0.022619	100,000	2,262	98,000	7,324,316	73.24
1	0.001881	97,063	183	96,971	6,568,720	67.68	1	0.001639	97,738	160	97,658	7,226,316	73.94
2	0.001163	96,880	113	96,824	6,471,749	66.80	2	0.000941	97,578	92	97,532	7,128,658	73.06
3	0.000921	96,767	89	96,723	6,374,925	65.88	3	0.000728	97,486	71	97,451	7,031,126	72.12
4	0.000755	96,678	73	96,642	6,278,202	64.94	4	0.000610	97,415	59	97,385	6,933,676	71.18
5	0.000667	96,605	64	96,573	6,181,561	63.99	5	0.000523	97,356	51	97,330	6,836,290	70.22
6	0.000603	96,541	58	96,512	6,084,988	63.03	6	0.000453	97,305	44	97,283	6,738,960	69.26
7	0.000551	96,483	53	96,456	5,988,476	62.07	7	0.000398	97,261	39	97,241	6,641,678	68.29
8	0.000504	96,429	49	96,405	5,892,020	61.10	8	0.000355	97,222	35	97,205	6,544,436	67.31
9	0.000461	96,381	44	96,359	5,795,615	60.13	9	0.000322	97,187	31	97,172	6,447,232	66.34
10	0.000432	96,336	42	96,316	5,699,257	59.16	10	0.000302	97,156	29	97,142	6,350,060	65.36
11	0.000436	96,295	42	96,274	5,602,941	58.19	11	0.000295	97,127	29	97,113	6,252,918	64.38
12	0.000494	96,253	48	96,229	5,506,667	57.21	12	0.000307	97,098	30	97,083	6,155,806	63.40
13	0.000618	96,205	59	96,176	5,410,438	56.24	13	0.000339	97,068	33	97,052	6,058,722	62.42
14	0.000790	96,146	76	96,108	5,314,263	55.27	14	0.000385	97,035	37	97,017	5,961,670	61.44
15	0.000983	96,070	94	96,023	5,218,155	54.32	15	0.000442	96,998	43	96,977	5,864,653	60.46
16	0.001167	95,975	112	95,919	5,122,132	53.37	16	0.000501	96,955	49	96,931	5,767,677	59.49
17	0.001332	95,863	128	95,800	5,026,213	52.43	17	0.000551	96,907	53	96,880	5,670,746	58.52
18	0.001465	95,736	140	95,666	4,930,413	51.50	18	0.000586	96,853	57	96,825	5,573,866	57.55
19	0.001568	95,595	150	95,521	4,834,748	50.58	19	0.000609	96,796	59	96,767	5,477,041	56.58
20	0.001673	95,446	160	95,366	4,739,227	49.65	20	0.000634	96,738	61	96,707	5,380,274	55.62
21	0.001776	95,286	169	95,201	4,643,862	48.74	21	0.000664	96,676	64	96,644	5,283,567	54.65
22	0.001835	95,117	175	95,029	4,548,660	47.82	22	0.000695	96,612	67	96,578	5,186,923	53.69
23	0.001842	94,942	175	94,855	4,453,631	46.91	23	0.000728	96,545	70	96,510	5,090,344	52.73
24	0.001810	94,767	172	94,681	4,358,776	45.99	24	0.000763	96,475	74	96,438	4,993,835	51.76
25	0.001767	94,596	167	94,512	4,264,095	45.08	25	0.000801	96,401	77	96,362	4,897,397	50.80
26	0.001736	94,429	164	94,347	4,169,582	44.16	26	0.000843	96,324	81	96,283	4,801,034	49.84
27	0.001722	94,265	162	94,183	4,075,236	43.23	27	0.000889	96,243	86	96,200	4,704,751	48.88
28	0.001734	94,102	163	94,021	3,981,052	42.31	28	0.000940	96,157	90	96,112	4,608,551	47.93
29	0.001773	93,939	167	93,856	3,887,032	41.38	29	0.000997	96,067	96	96,019	4,512,439	46.97
30	0.001825	93,773	171	93,687	3,793,176	40.45	30	0.001062	95,971	102	95,920	4,416,421	46.02
31	0.001891	93,601	177	93,513	3,699,489	39.52	31	0.001135	95,869	109	95,815	4,320,501	45.07
32	0.001981	93,424	185	93,332	3,605,976	38.60	32	0.001216	95,760	116	95,702	4,224,686	44.12
33	0.002099	93,239	196	93,142	3,512,644	37.67	33	0.001306	95,644	125	95,581	4,128,984	43.17
34	0.002246	93,044	209	92,939	3,419,502	36.75	34	0.001405	95,519	134	95,452	4,033,403	42.23
35	0.002424	92,835	225	92,722	3,326,563	35.83	35	0.001516	95,385	145	95,312	3,937,951	41.29
36	0.002632	92,610	244	92,488	3,233,841	34.92	36	0.001640	95,240	156	95,162	3,842,639	40.35
37	0.002866	92,366	265	92,234	3,141,353	34.01	37	0.001785	95,084	170	94,999	3,747,477	39.41
38	0.003126	92,101	288	91,957	3,049,120	33.11	38	0.001952	94,914	185	94,821	3,652,478	38.48
39	0.003418	91,813	314	91,656	2,957,162	32.21	39	0.002140	94,729	203	94,627	3,557,657	37.56

**Table 6 – Period Life Tables for U. S. Social Security Area by Calendar Year and Sex**

Male							Female						
x	q <sub>x</sub>	l <sub>x</sub>	d <sub>x</sub>	L <sub>x</sub>	T <sub>x</sub>	e <sub>x</sub>	x	q <sub>x</sub>	l <sub>x</sub>	d <sub>x</sub>	L <sub>x</sub>	T <sub>x</sub>	e <sub>x</sub>
<b>Calendar Year 1960</b>													
40	0.003754	91,499	343	91,328	2,865,506	31.32	40	0.002348	94,526	222	94,415	3,463,029	36.64
41	0.004136	91,156	377	90,967	2,774,178	30.43	41	0.002572	94,304	243	94,183	3,368,614	35.72
42	0.004564	90,779	414	90,572	2,683,211	29.56	42	0.002806	94,062	264	93,930	3,274,432	34.81
43	0.005039	90,365	455	90,137	2,592,639	28.69	43	0.003048	93,798	286	93,655	3,180,502	33.91
44	0.005568	89,909	501	89,659	2,502,502	27.83	44	0.003303	93,512	309	93,357	3,086,847	33.01
45	0.006139	89,409	549	89,134	2,412,843	26.99	45	0.003576	93,203	333	93,036	2,993,490	32.12
46	0.006774	88,860	602	88,559	2,323,709	26.15	46	0.003878	92,870	360	92,689	2,900,454	31.23
47	0.007504	88,258	662	87,927	2,235,150	25.33	47	0.004210	92,509	389	92,315	2,807,764	30.35
48	0.008346	87,596	731	87,230	2,147,223	24.51	48	0.004577	92,120	422	91,909	2,715,450	29.48
49	0.009283	86,865	806	86,461	2,059,993	23.72	49	0.004979	91,698	457	91,470	2,623,541	28.61
50	0.010327	86,058	889	85,614	1,973,532	22.93	50	0.005434	91,242	496	90,994	2,532,071	27.75
51	0.011421	85,169	973	84,683	1,887,918	22.17	51	0.005921	90,746	537	90,477	2,441,077	26.90
52	0.012489	84,197	1,052	83,671	1,803,235	21.42	52	0.006401	90,209	577	89,920	2,350,600	26.06
53	0.013494	83,145	1,122	82,584	1,719,564	20.68	53	0.006857	89,631	615	89,324	2,260,680	25.22
54	0.014491	82,023	1,189	81,429	1,636,980	19.96	54	0.007320	89,017	652	88,691	2,171,356	24.39
55	0.015532	80,835	1,256	80,207	1,555,551	19.24	55	0.007815	88,365	691	88,020	2,082,665	23.57
56	0.016722	79,579	1,331	78,914	1,475,344	18.54	56	0.008404	87,674	737	87,306	1,994,645	22.75
57	0.018143	78,248	1,420	77,539	1,396,430	17.85	57	0.009140	86,938	795	86,540	1,907,339	21.94
58	0.019851	76,829	1,525	76,066	1,318,892	17.17	58	0.010060	86,143	867	85,710	1,820,799	21.14
59	0.021799	75,304	1,642	74,483	1,242,826	16.50	59	0.011137	85,276	950	84,802	1,735,089	20.35
60	0.023924	73,662	1,762	72,781	1,168,343	15.86	60	0.012370	84,327	1,043	83,805	1,650,288	19.57
61	0.026126	71,900	1,878	70,961	1,095,562	15.24	61	0.013672	83,284	1,139	82,714	1,566,482	18.81
62	0.028347	70,021	1,985	69,029	1,024,601	14.63	62	0.014946	82,145	1,228	81,531	1,483,768	18.06
63	0.030540	68,036	2,078	66,997	955,573	14.05	63	0.016141	80,917	1,306	80,264	1,402,237	17.33
64	0.032763	65,959	2,161	64,878	888,575	13.47	64	0.017338	79,611	1,380	78,921	1,321,973	16.61
65	0.035151	63,798	2,243	62,676	823,697	12.91	65	0.018692	78,231	1,462	77,500	1,243,052	15.89
66	0.037758	61,555	2,324	60,393	761,021	12.36	66	0.020296	76,768	1,558	75,989	1,165,553	15.18
67	0.040533	59,231	2,401	58,030	700,628	11.83	67	0.022129	75,210	1,664	74,378	1,089,563	14.49
68	0.043489	56,830	2,471	55,594	642,597	11.31	68	0.024230	73,546	1,782	72,655	1,015,185	13.80
69	0.046658	54,359	2,536	53,090	587,003	10.80	69	0.026624	71,764	1,911	70,809	942,530	13.13
70	0.050190	51,822	2,601	50,522	533,913	10.30	70	0.029407	69,853	2,054	68,826	871,721	12.48
71	0.054032	49,221	2,660	47,892	483,391	9.82	71	0.032539	67,799	2,206	66,696	802,895	11.84
72	0.058007	46,562	2,701	45,211	435,499	9.35	72	0.035906	65,593	2,355	64,416	736,199	11.22
73	0.062073	43,861	2,723	42,500	390,288	8.90	73	0.039485	63,238	2,497	61,989	671,783	10.62
74	0.066383	41,138	2,731	39,773	347,788	8.45	74	0.043404	60,741	2,636	59,423	609,794	10.04
75	0.070912	38,407	2,724	37,046	308,015	8.02	75	0.047662	58,105	2,769	56,720	550,371	9.47
76	0.076058	35,684	2,714	34,327	270,970	7.59	76	0.052565	55,335	2,909	53,881	493,651	8.92
77	0.082339	32,970	2,715	31,612	236,643	7.18	77	0.058493	52,426	3,067	50,893	439,770	8.39
78	0.090003	30,255	2,723	28,894	205,030	6.78	78	0.065636	49,360	3,240	47,740	388,877	7.88
79	0.098743	27,532	2,719	26,173	176,137	6.40	79	0.073783	46,120	3,403	44,419	341,137	7.40

**Table 6 – Period Life Tables for U. S. Social Security Area by Calendar Year and Sex**

Male							Female						
x	q <sub>x</sub>	l <sub>x</sub>	d <sub>x</sub>	L <sub>x</sub>	T <sub>x</sub>	e <sub>x</sub>	x	q <sub>x</sub>	l <sub>x</sub>	d <sub>x</sub>	L <sub>x</sub>	T <sub>x</sub>	e <sub>x</sub>
<b>Calendar Year 1960</b>													
80	0.108351	24,813	2,689	23,469	149,964	6.04	80	0.082775	42,717	3,536	40,949	296,718	6.95
81	0.118154	22,125	2,614	20,818	126,495	5.72	81	0.092145	39,181	3,610	37,376	255,769	6.53
82	0.127564	19,511	2,489	18,266	105,677	5.42	82	0.101505	35,571	3,611	33,766	218,393	6.14
83	0.136241	17,022	2,319	15,862	87,411	5.14	83	0.110624	31,960	3,536	30,193	184,627	5.78
84	0.144637	14,703	2,127	13,640	71,548	4.87	84	0.119809	28,425	3,406	26,722	154,435	5.43
85	0.153443	12,576	1,930	11,611	57,909	4.60	85	0.129536	25,019	3,241	23,399	127,713	5.10
86	0.163233	10,647	1,738	9,778	46,297	4.35	86	0.140196	21,778	3,053	20,252	104,314	4.79
87	0.174340	8,909	1,553	8,132	36,520	4.10	87	0.152014	18,725	2,846	17,302	84,062	4.49
88	0.186837	7,356	1,374	6,668	28,388	3.86	88	0.165034	15,879	2,621	14,568	66,760	4.20
89	0.200564	5,981	1,200	5,381	21,719	3.63	89	0.179141	13,258	2,375	12,071	52,192	3.94
90	0.215290	4,782	1,029	4,267	16,338	3.42	90	0.194173	10,883	2,113	9,826	40,122	3.69
91	0.230750	3,752	866	3,319	12,071	3.22	91	0.209939	8,770	1,841	7,849	30,295	3.45
92	0.246680	2,886	712	2,530	8,752	3.03	92	0.226251	6,929	1,568	6,145	22,446	3.24
93	0.262847	2,174	572	1,889	6,221	2.86	93	0.242940	5,361	1,302	4,710	16,301	3.04
94	0.279032	1,603	447	1,379	4,333	2.70	94	0.259844	4,059	1,055	3,531	11,591	2.86
95	0.295568	1,156	342	985	2,953	2.56	95	0.277426	3,004	833	2,587	8,060	2.68
96	0.312399	814	254	687	1,969	2.42	96	0.295667	2,171	642	1,850	5,472	2.52
97	0.329465	560	184	468	1,282	2.29	97	0.314540	1,529	481	1,288	3,623	2.37
98	0.346701	375	130	310	814	2.17	98	0.334015	1,048	350	873	2,334	2.23
99	0.364036	245	89	201	504	2.06	99	0.354056	698	247	574	1,461	2.09
100	0.382238	156	60	126	303	1.95	100	0.375299	451	169	366	887	1.97
101	0.401350	96	39	77	177	1.84	101	0.397817	282	112	226	521	1.85
102	0.421417	58	24	46	100	1.74	102	0.421417	170	71	134	295	1.74
103	0.442488	33	15	26	55	1.64	103	0.442488	98	43	76	161	1.64
104	0.464613	19	9	14	29	1.55	104	0.464613	55	25	42	85	1.55
105	0.487843	10	5	8	15	1.46	105	0.487843	29	14	22	43	1.46
106	0.512235	5	3	4	7	1.37	106	0.512235	15	8	11	21	1.37
107	0.537847	2	1	2	3	1.29	107	0.537847	7	4	5	9	1.29
108	0.564739	1	1	1	1	1.21	108	0.564739	3	2	2	4	1.21
109	0.592976	1	0	0	1	1.14	109	0.592976	1	1	1	2	1.14
110	0.622625	0	0	0	0	1.06	110	0.622625	1	0	0	1	1.06
111	0.653756	0	0	0	0	0.99	111	0.653756	0	0	0	0	0.99
112	0.686444	0	0	0	0	0.93	112	0.686444	0	0	0	0	0.93
113	0.720766	0	0	0	0	0.86	113	0.720766	0	0	0	0	0.86
114	0.756805	0	0	0	0	0.80	114	0.756805	0	0	0	0	0.80
115	0.794645	0	0	0	0	0.74	115	0.794645	0	0	0	0	0.74
116	0.834377	0	0	0	0	0.69	116	0.834377	0	0	0	0	0.69
117	0.876096	0	0	0	0	0.63	117	0.876096	0	0	0	0	0.63
118	0.919901	0	0	0	0	0.58	118	0.919901	0	0	0	0	0.58
119	0.965896	0	0	0	0	0.53	119	0.965896	0	0	0	0	0.53



**Table 6 – Period Life Tables for U. S. Social Security Area by Calendar Year and Sex**

Male							Female						
x	q <sub>x</sub>	l <sub>x</sub>	d <sub>x</sub>	L <sub>x</sub>	T <sub>x</sub>	e <sub>x</sub>	x	q <sub>x</sub>	l <sub>x</sub>	d <sub>x</sub>	L <sub>x</sub>	T <sub>x</sub>	e <sub>x</sub>
<b>Calendar Year 1970</b>													
0	0.022458	100,000	2,246	97,962	6,714,525	67.15	0	0.017592	100,000	1,759	98,414	7,486,439	74.86
1	0.001319	97,754	129	97,690	6,616,563	67.69	1	0.001173	98,241	115	98,183	7,388,024	75.20
2	0.000910	97,625	89	97,581	6,518,874	66.77	2	0.000730	98,126	72	98,090	7,289,841	74.29
3	0.000778	97,536	76	97,498	6,421,293	65.83	3	0.000582	98,054	57	98,025	7,191,752	73.34
4	0.000640	97,461	62	97,429	6,323,794	64.89	4	0.000484	97,997	47	97,973	7,093,726	72.39
5	0.000583	97,398	57	97,370	6,226,365	63.93	5	0.000424	97,949	42	97,929	6,995,753	71.42
6	0.000545	97,341	53	97,315	6,128,995	62.96	6	0.000378	97,908	37	97,889	6,897,825	70.45
7	0.000509	97,288	50	97,264	6,031,680	62.00	7	0.000340	97,871	33	97,854	6,799,935	69.48
8	0.000460	97,239	45	97,216	5,934,416	61.03	8	0.000306	97,838	30	97,823	6,702,081	68.50
9	0.000402	97,194	39	97,175	5,837,200	60.06	9	0.000274	97,808	27	97,794	6,604,259	67.52
10	0.000353	97,155	34	97,138	5,740,025	59.08	10	0.000251	97,781	25	97,769	6,506,464	66.54
11	0.000346	97,121	34	97,104	5,642,887	58.10	11	0.000244	97,756	24	97,744	6,408,696	65.56
12	0.000421	97,087	41	97,067	5,545,783	57.12	12	0.000264	97,732	26	97,720	6,310,951	64.57
13	0.000598	97,046	58	97,017	5,448,717	56.15	13	0.000318	97,707	31	97,691	6,213,232	63.59
14	0.000850	96,988	82	96,947	5,351,700	55.18	14	0.000395	97,676	39	97,656	6,115,541	62.61
15	0.001127	96,906	109	96,851	5,254,753	54.23	15	0.000486	97,637	47	97,613	6,017,884	61.64
16	0.001387	96,797	134	96,729	5,157,902	53.29	16	0.000572	97,590	56	97,562	5,920,271	60.66
17	0.001620	96,662	157	96,584	5,061,172	52.36	17	0.000639	97,534	62	97,503	5,822,709	59.70
18	0.001805	96,506	174	96,419	4,964,588	51.44	18	0.000677	97,471	66	97,438	5,725,207	58.74
19	0.001948	96,332	188	96,238	4,868,170	50.54	19	0.000693	97,405	68	97,372	5,627,768	57.78
20	0.002094	96,144	201	96,043	4,771,932	49.63	20	0.000707	97,338	69	97,304	5,530,397	56.82
21	0.002233	95,943	214	95,835	4,675,889	48.74	21	0.000728	97,269	71	97,234	5,433,093	55.86
22	0.002301	95,728	220	95,618	4,580,054	47.84	22	0.000747	97,198	73	97,162	5,335,860	54.90
23	0.002281	95,508	218	95,399	4,484,436	46.95	23	0.000765	97,126	74	97,089	5,238,698	53.94
24	0.002199	95,290	210	95,185	4,389,037	46.06	24	0.000784	97,051	76	97,013	5,141,609	52.98
25	0.002093	95,081	199	94,981	4,293,851	45.16	25	0.000806	96,975	78	96,936	5,044,596	52.02
26	0.002005	94,882	190	94,787	4,198,870	44.25	26	0.000833	96,897	81	96,857	4,947,660	51.06
27	0.001953	94,691	185	94,599	4,104,084	43.34	27	0.000864	96,816	84	96,775	4,850,803	50.10
28	0.001961	94,506	185	94,414	4,009,485	42.43	28	0.000904	96,733	87	96,689	4,754,028	49.15
29	0.002017	94,321	190	94,226	3,915,071	41.51	29	0.000952	96,645	92	96,599	4,657,339	48.19
30	0.002093	94,131	197	94,032	3,820,845	40.59	30	0.001006	96,553	97	96,505	4,560,740	47.24
31	0.002174	93,934	204	93,832	3,726,813	39.67	31	0.001070	96,456	103	96,405	4,464,235	46.28
32	0.002273	93,730	213	93,623	3,632,981	38.76	32	0.001154	96,353	111	96,297	4,367,830	45.33
33	0.002388	93,517	223	93,405	3,539,358	37.85	33	0.001260	96,242	121	96,181	4,271,533	44.38
34	0.002522	93,293	235	93,176	3,445,953	36.94	34	0.001386	96,121	133	96,054	4,175,352	43.44
35	0.002683	93,058	250	92,933	3,352,777	36.03	35	0.001528	95,987	147	95,914	4,079,298	42.50
36	0.002876	92,808	267	92,675	3,259,844	35.12	36	0.001680	95,841	161	95,760	3,983,384	41.56
37	0.003104	92,541	287	92,398	3,167,169	34.22	37	0.001835	95,680	176	95,592	3,887,623	40.63
38	0.003370	92,254	311	92,099	3,074,771	33.33	38	0.001988	95,504	190	95,409	3,792,032	39.71
39	0.003674	91,943	338	91,774	2,982,673	32.44	39	0.002146	95,314	205	95,212	3,696,623	38.78

**Table 6 – Period Life Tables for U. S. Social Security Area by Calendar Year and Sex**

Male							Female						
x	q <sub>x</sub>	l <sub>x</sub>	d <sub>x</sub>	L <sub>x</sub>	T <sub>x</sub>	e <sub>x</sub>	x	q <sub>x</sub>	l <sub>x</sub>	d <sub>x</sub>	L <sub>x</sub>	T <sub>x</sub>	e <sub>x</sub>
<b>Calendar Year 1970</b>													
40	0.004020	91,605	368	91,421	2,890,898	31.56	40	0.002315	95,110	220	95,000	3,601,411	37.87
41	0.004402	91,237	402	91,036	2,799,477	30.68	41	0.002506	94,889	238	94,771	3,506,411	36.95
42	0.004814	90,836	437	90,617	2,708,441	29.82	42	0.002723	94,652	258	94,523	3,411,641	36.04
43	0.005254	90,398	475	90,161	2,617,824	28.96	43	0.002972	94,394	281	94,254	3,317,118	35.14
44	0.005729	89,923	515	89,666	2,527,663	28.11	44	0.003249	94,113	306	93,961	3,222,864	34.24
45	0.006259	89,408	560	89,128	2,437,997	27.27	45	0.003553	93,808	333	93,641	3,128,904	33.35
46	0.006849	88,849	609	88,544	2,348,869	26.44	46	0.003874	93,474	362	93,293	3,035,263	32.47
47	0.007486	88,240	661	87,910	2,260,325	25.62	47	0.004207	93,112	392	92,916	2,941,969	31.60
48	0.008169	87,579	715	87,222	2,172,415	24.81	48	0.004547	92,720	422	92,510	2,849,053	30.73
49	0.008912	86,864	774	86,477	2,085,193	24.01	49	0.004901	92,299	452	92,073	2,756,543	29.87
50	0.009718	86,090	837	85,672	1,998,716	23.22	50	0.005281	91,847	485	91,604	2,664,471	29.01
51	0.010611	85,253	905	84,801	1,913,044	22.44	51	0.005697	91,361	520	91,101	2,572,867	28.16
52	0.011620	84,349	980	83,859	1,828,243	21.67	52	0.006146	90,841	558	90,562	2,481,765	27.32
53	0.012759	83,369	1,064	82,837	1,744,385	20.92	53	0.006632	90,283	599	89,983	2,391,204	26.49
54	0.014020	82,305	1,154	81,728	1,661,548	20.19	54	0.007158	89,684	642	89,363	2,301,220	25.66
55	0.015386	81,151	1,249	80,527	1,579,820	19.47	55	0.007731	89,042	688	88,698	2,211,857	24.84
56	0.016838	79,902	1,345	79,230	1,499,294	18.76	56	0.008347	88,354	737	87,985	2,123,160	24.03
57	0.018369	78,557	1,443	77,835	1,420,064	18.08	57	0.008996	87,616	788	87,222	2,035,175	23.23
58	0.019972	77,114	1,540	76,344	1,342,229	17.41	58	0.009678	86,828	840	86,408	1,947,953	22.43
59	0.021660	75,574	1,637	74,755	1,265,885	16.75	59	0.010401	85,988	894	85,540	1,861,545	21.65
60	0.023475	73,937	1,736	73,069	1,191,129	16.11	60	0.011230	85,093	956	84,615	1,776,005	20.87
61	0.025417	72,201	1,835	71,284	1,118,060	15.49	61	0.012142	84,138	1,022	83,627	1,691,389	20.10
62	0.027445	70,366	1,931	69,400	1,046,777	14.88	62	0.013059	83,116	1,085	82,573	1,607,762	19.34
63	0.029551	68,435	2,022	67,424	977,376	14.28	63	0.013961	82,031	1,145	81,458	1,525,189	18.59
64	0.031765	66,413	2,110	65,358	909,952	13.70	64	0.014906	80,885	1,206	80,283	1,443,731	17.85
65	0.034158	64,303	2,196	63,205	844,595	13.13	65	0.015985	79,680	1,274	79,043	1,363,449	17.11
66	0.036745	62,106	2,282	60,965	781,390	12.58	66	0.017278	78,406	1,355	77,729	1,284,406	16.38
67	0.039489	59,824	2,362	58,643	720,425	12.04	67	0.018808	77,051	1,449	76,327	1,206,677	15.66
68	0.042392	57,462	2,436	56,244	661,781	11.52	68	0.020618	75,602	1,559	74,823	1,130,350	14.95
69	0.045494	55,026	2,503	53,774	605,537	11.00	69	0.022714	74,043	1,682	73,202	1,055,528	14.26
70	0.048870	52,523	2,567	51,239	551,763	10.51	70	0.025127	72,362	1,818	71,452	982,325	13.58
71	0.052551	49,956	2,625	48,643	500,524	10.02	71	0.027824	70,543	1,963	69,562	910,873	12.91
72	0.056514	47,331	2,675	45,993	451,880	9.55	72	0.030760	68,581	2,110	67,526	841,311	12.27
73	0.060777	44,656	2,714	43,299	405,887	9.09	73	0.033926	66,471	2,255	65,343	773,785	11.64
74	0.065380	41,942	2,742	40,571	362,588	8.65	74	0.037393	64,216	2,401	63,015	708,442	11.03
75	0.070386	39,200	2,759	37,820	322,018	8.21	75	0.041264	61,815	2,551	60,539	645,426	10.44
76	0.075831	36,441	2,763	35,059	284,197	7.80	76	0.045630	59,264	2,704	57,912	584,887	9.87
77	0.081717	33,677	2,752	32,301	249,139	7.40	77	0.050529	56,560	2,858	55,131	526,975	9.32
78	0.088066	30,925	2,723	29,563	216,837	7.01	78	0.056012	53,702	3,008	52,198	471,844	8.79
79	0.094911	28,202	2,677	26,863	187,274	6.64	79	0.062087	50,694	3,147	49,120	419,646	8.28

**Table 6 – Period Life Tables for U. S. Social Security Area by Calendar Year and Sex**

Male							Female						
x	q <sub>x</sub>	l <sub>x</sub>	d <sub>x</sub>	L <sub>x</sub>	T <sub>x</sub>	e <sub>x</sub>	x	q <sub>x</sub>	l <sub>x</sub>	d <sub>x</sub>	L <sub>x</sub>	T <sub>x</sub>	e <sub>x</sub>
<b>Calendar Year 1970</b>													
80	0.102242	25,525	2,610	24,220	160,411	6.28	80	0.068711	47,546	3,267	45,913	370,526	7.79
81	0.110126	22,915	2,524	21,654	136,190	5.94	81	0.075902	44,279	3,361	42,599	324,613	7.33
82	0.118670	20,392	2,420	19,182	114,537	5.62	82	0.083742	40,919	3,427	39,205	282,014	6.89
83	0.127922	17,972	2,299	16,822	95,355	5.31	83	0.092258	37,492	3,459	35,763	242,809	6.48
84	0.137837	15,673	2,160	14,593	78,533	5.01	84	0.101434	34,033	3,452	32,307	207,046	6.08
85	0.148337	13,513	2,004	12,510	63,940	4.73	85	0.111238	30,581	3,402	28,880	174,739	5.71
86	0.159358	11,508	1,834	10,591	51,429	4.47	86	0.121643	27,179	3,306	25,526	145,859	5.37
87	0.170861	9,674	1,653	8,848	40,838	4.22	87	0.132631	23,873	3,166	22,290	120,333	5.04
88	0.182833	8,021	1,467	7,288	31,990	3.99	88	0.144196	20,707	2,986	19,214	98,043	4.73
89	0.195286	6,555	1,280	5,915	24,702	3.77	89	0.156341	17,721	2,771	16,336	78,830	4.45
90	0.208237	5,275	1,098	4,725	18,788	3.56	90	0.169068	14,950	2,528	13,687	62,494	4.18
91	0.221704	4,176	926	3,713	14,062	3.37	91	0.182383	12,423	2,266	11,290	48,807	3.93
92	0.235701	3,250	766	2,867	10,349	3.18	92	0.196283	10,157	1,994	9,160	37,517	3.69
93	0.250238	2,484	622	2,173	7,482	3.01	93	0.210766	8,163	1,721	7,303	28,357	3.47
94	0.265321	1,863	494	1,616	5,308	2.85	94	0.225825	6,443	1,455	5,715	21,054	3.27
95	0.280768	1,368	384	1,176	3,693	2.70	95	0.241443	4,988	1,204	4,386	15,339	3.08
96	0.296537	984	292	838	2,516	2.56	96	0.257588	3,784	975	3,296	10,953	2.89
97	0.312583	692	216	584	1,678	2.42	97	0.274223	2,809	770	2,424	7,657	2.73
98	0.328854	476	157	398	1,094	2.30	98	0.291304	2,039	594	1,742	5,233	2.57
99	0.345297	319	110	264	696	2.18	99	0.308782	1,445	446	1,222	3,491	2.42
100	0.362562	209	76	171	432	2.06	100	0.327309	999	327	835	2,269	2.27
101	0.380690	133	51	108	261	1.95	101	0.346948	672	233	555	1,434	2.13
102	0.399724	83	33	66	153	1.85	102	0.367765	439	161	358	879	2.00
103	0.419710	50	21	39	87	1.75	103	0.389831	277	108	223	521	1.88
104	0.440696	29	13	22	47	1.65	104	0.413220	169	70	134	297	1.76
105	0.462731	16	7	12	25	1.56	105	0.438014	99	43	78	163	1.64
106	0.485867	9	4	7	13	1.47	106	0.464294	56	26	43	86	1.53
107	0.510160	4	2	3	6	1.38	107	0.492152	30	15	23	43	1.43
108	0.535668	2	1	2	3	1.30	108	0.521681	15	8	11	20	1.33
109	0.562452	1	1	1	1	1.22	109	0.552982	7	4	5	9	1.24
110	0.590574	0	0	0	1	1.14	110	0.586161	3	2	2	4	1.15
111	0.620103	0	0	0	0	1.07	111	0.620103	1	1	1	1	1.07
112	0.651108	0	0	0	0	1.00	112	0.651108	1	0	0	1	1.00
113	0.683664	0	0	0	0	0.93	113	0.683664	0	0	0	0	0.93
114	0.717847	0	0	0	0	0.87	114	0.717847	0	0	0	0	0.87
115	0.753739	0	0	0	0	0.81	115	0.753739	0	0	0	0	0.81
116	0.791426	0	0	0	0	0.75	116	0.791426	0	0	0	0	0.75
117	0.830997	0	0	0	0	0.69	117	0.830997	0	0	0	0	0.69
118	0.872547	0	0	0	0	0.64	118	0.872547	0	0	0	0	0.64
119	0.916174	0	0	0	0	0.59	119	0.916174	0	0	0	0	0.59

**Table 6 – Period Life Tables for U. S. Social Security Area by Calendar Year and Sex**

Male							Female						
x	q <sub>x</sub>	l <sub>x</sub>	d <sub>x</sub>	L <sub>x</sub>	T <sub>x</sub>	e <sub>x</sub>	x	q <sub>x</sub>	l <sub>x</sub>	d <sub>x</sub>	L <sub>x</sub>	T <sub>x</sub>	e <sub>x</sub>
<b>Calendar Year 1980</b>													
0	0.013980	100,000	1,398	98,776	6,994,139	69.94	0	0.011246	100,000	1,125	99,015	7,751,593	77.52
1	0.001064	98,602	105	98,550	6,895,362	69.93	1	0.000856	98,875	85	98,833	7,652,578	77.40
2	0.000719	98,497	71	98,462	6,796,813	69.01	2	0.000558	98,791	55	98,763	7,553,745	76.46
3	0.000598	98,426	59	98,397	6,698,351	68.05	3	0.000417	98,736	41	98,715	7,454,982	75.50
4	0.000465	98,367	46	98,345	6,599,954	67.09	4	0.000313	98,694	31	98,679	7,356,267	74.54
5	0.000421	98,322	41	98,301	6,501,610	66.13	5	0.000293	98,664	29	98,649	7,257,588	73.56
6	0.000394	98,280	39	98,261	6,403,309	65.15	6	0.000279	98,635	28	98,621	7,158,939	72.58
7	0.000365	98,242	36	98,224	6,305,048	64.18	7	0.000263	98,607	26	98,594	7,060,318	71.60
8	0.000323	98,206	32	98,190	6,206,824	63.20	8	0.000242	98,581	24	98,569	6,961,724	70.62
9	0.000271	98,174	27	98,161	6,108,634	62.22	9	0.000216	98,557	21	98,547	6,863,155	69.64
10	0.000225	98,147	22	98,136	6,010,474	61.24	10	0.000191	98,536	19	98,527	6,764,608	68.65
11	0.000220	98,125	22	98,114	5,912,337	60.25	11	0.000180	98,517	18	98,508	6,666,082	67.66
12	0.000293	98,104	29	98,089	5,814,223	59.27	12	0.000197	98,500	19	98,490	6,567,573	66.68
13	0.000464	98,075	46	98,052	5,716,133	58.28	13	0.000248	98,480	24	98,468	6,469,083	65.69
14	0.000707	98,029	69	97,995	5,618,081	57.31	14	0.000325	98,456	32	98,440	6,370,615	64.71
15	0.000977	97,960	96	97,912	5,520,086	56.35	15	0.000414	98,424	41	98,403	6,272,176	63.73
16	0.001229	97,864	120	97,804	5,422,174	55.40	16	0.000495	98,383	49	98,359	6,173,772	62.75
17	0.001453	97,744	142	97,673	5,324,369	54.47	17	0.000556	98,334	55	98,307	6,075,414	61.78
18	0.001626	97,602	159	97,523	5,226,696	53.55	18	0.000587	98,280	58	98,251	5,977,107	60.82
19	0.001758	97,443	171	97,358	5,129,173	52.64	19	0.000595	98,222	58	98,193	5,878,856	59.85
20	0.001886	97,272	183	97,180	5,031,815	51.73	20	0.000600	98,163	59	98,134	5,780,664	58.89
21	0.002009	97,089	195	96,991	4,934,635	50.83	21	0.000609	98,105	60	98,075	5,682,530	57.92
22	0.002082	96,894	202	96,793	4,837,644	49.93	22	0.000618	98,045	61	98,014	5,584,455	56.96
23	0.002095	96,692	203	96,591	4,740,851	49.03	23	0.000626	97,984	61	97,954	5,486,441	55.99
24	0.002063	96,489	199	96,390	4,644,260	48.13	24	0.000636	97,923	62	97,892	5,388,487	55.03
25	0.002014	96,290	194	96,193	4,547,870	47.23	25	0.000646	97,861	63	97,829	5,290,596	54.06
26	0.001969	96,096	189	96,002	4,451,677	46.33	26	0.000658	97,797	64	97,765	5,192,767	53.10
27	0.001929	95,907	185	95,815	4,355,675	45.42	27	0.000673	97,733	66	97,700	5,095,002	52.13
28	0.001904	95,722	182	95,631	4,259,861	44.50	28	0.000692	97,667	68	97,633	4,997,302	51.17
29	0.001893	95,540	181	95,449	4,164,230	43.59	29	0.000717	97,600	70	97,565	4,899,668	50.20
30	0.001888	95,359	180	95,269	4,068,780	42.67	30	0.000747	97,530	73	97,493	4,802,104	49.24
31	0.001891	95,179	180	95,089	3,973,511	41.75	31	0.000785	97,457	77	97,419	4,704,611	48.27
32	0.001916	94,999	182	94,908	3,878,422	40.83	32	0.000832	97,380	81	97,340	4,607,192	47.31
33	0.001967	94,817	187	94,724	3,783,514	39.90	33	0.000888	97,299	86	97,256	4,509,852	46.35
34	0.002044	94,630	193	94,534	3,688,791	38.98	34	0.000954	97,213	93	97,167	4,412,596	45.39
35	0.002145	94,437	203	94,336	3,594,257	38.06	35	0.001031	97,120	100	97,070	4,315,430	44.43
36	0.002269	94,234	214	94,128	3,499,921	37.14	36	0.001120	97,020	109	96,966	4,218,360	43.48
37	0.002416	94,021	227	93,907	3,405,794	36.22	37	0.001224	96,911	119	96,852	4,121,394	42.53
38	0.002587	93,793	243	93,672	3,311,887	35.31	38	0.001345	96,793	130	96,728	4,024,542	41.58
39	0.002786	93,551	261	93,421	3,218,214	34.40	39	0.001482	96,663	143	96,591	3,927,814	40.63

**Table 6 – Period Life Tables for U. S. Social Security Area by Calendar Year and Sex**

Male							Female						
x	q <sub>x</sub>	l <sub>x</sub>	d <sub>x</sub>	L <sub>x</sub>	T <sub>x</sub>	e <sub>x</sub>	x	q <sub>x</sub>	l <sub>x</sub>	d <sub>x</sub>	L <sub>x</sub>	T <sub>x</sub>	e <sub>x</sub>
<b>Calendar Year 1980</b>													
40	0.003018	93,290	282	93,149	3,124,794	33.50	40	0.001634	96,519	158	96,440	3,831,223	39.69
41	0.003288	93,009	306	92,856	3,031,644	32.60	41	0.001803	96,362	174	96,275	3,734,783	38.76
42	0.003595	92,703	333	92,536	2,938,789	31.70	42	0.001989	96,188	191	96,092	3,638,508	37.83
43	0.003940	92,370	364	92,188	2,846,252	30.81	43	0.002191	95,997	210	95,891	3,542,416	36.90
44	0.004329	92,006	398	91,807	2,754,065	29.93	44	0.002411	95,786	231	95,671	3,446,525	35.98
45	0.004761	91,607	436	91,389	2,662,258	29.06	45	0.002653	95,555	254	95,429	3,350,854	35.07
46	0.005243	91,171	478	90,932	2,570,869	28.20	46	0.002915	95,302	278	95,163	3,255,425	34.16
47	0.005779	90,693	524	90,431	2,479,937	27.34	47	0.003196	95,024	304	94,872	3,160,263	33.26
48	0.006372	90,169	575	89,882	2,389,506	26.50	48	0.003497	94,720	331	94,555	3,065,391	32.36
49	0.007024	89,595	629	89,280	2,299,624	25.67	49	0.003820	94,389	361	94,209	2,970,836	31.47
50	0.007741	88,965	689	88,621	2,210,344	24.85	50	0.004175	94,028	393	93,832	2,876,627	30.59
51	0.008519	88,277	752	87,901	2,121,723	24.03	51	0.004559	93,636	427	93,422	2,782,795	29.72
52	0.009346	87,525	818	87,116	2,033,822	23.24	52	0.004960	93,209	462	92,978	2,689,372	28.85
53	0.010219	86,707	886	86,263	1,946,707	22.45	53	0.005376	92,747	499	92,497	2,596,395	27.99
54	0.011149	85,820	957	85,342	1,860,443	21.68	54	0.005817	92,248	537	91,980	2,503,897	27.14
55	0.012178	84,864	1,033	84,347	1,775,101	20.92	55	0.006298	91,711	578	91,423	2,411,918	26.30
56	0.013304	83,830	1,115	83,273	1,690,754	20.17	56	0.006831	91,134	623	90,823	2,320,495	25.46
57	0.014486	82,715	1,198	82,116	1,607,482	19.43	57	0.007416	90,511	671	90,176	2,229,672	24.63
58	0.015716	81,517	1,281	80,876	1,525,366	18.71	58	0.008059	89,840	724	89,478	2,139,497	23.81
59	0.017028	80,236	1,366	79,552	1,444,490	18.00	59	0.008764	89,116	781	88,726	2,050,019	23.00
60	0.018438	78,869	1,454	78,142	1,364,938	17.31	60	0.009543	88,335	843	87,914	1,961,293	22.20
61	0.020014	77,415	1,549	76,640	1,286,795	16.62	61	0.010394	87,492	909	87,037	1,873,380	21.41
62	0.021824	75,866	1,656	75,038	1,210,155	15.95	62	0.011307	86,583	979	86,093	1,786,342	20.63
63	0.023913	74,210	1,775	73,323	1,135,117	15.30	63	0.012280	85,604	1,051	85,078	1,700,249	19.86
64	0.026248	72,435	1,901	71,485	1,061,794	14.66	64	0.013330	84,552	1,127	83,989	1,615,171	19.10
65	0.028810	70,534	2,032	69,518	990,309	14.04	65	0.014513	83,425	1,211	82,820	1,531,182	18.35
66	0.031517	68,502	2,159	67,423	920,791	13.44	66	0.015821	82,215	1,301	81,564	1,448,362	17.62
67	0.034294	66,343	2,275	65,206	853,369	12.86	67	0.017198	80,914	1,392	80,218	1,366,798	16.89
68	0.037098	64,068	2,377	62,880	788,163	12.30	68	0.018633	79,522	1,482	78,781	1,286,580	16.18
69	0.039996	61,691	2,467	60,457	725,284	11.76	69	0.020175	78,041	1,574	77,253	1,207,798	15.48
70	0.043117	59,224	2,554	57,947	664,826	11.23	70	0.021939	76,466	1,678	75,627	1,130,545	14.78
71	0.046541	56,670	2,637	55,351	606,879	10.71	71	0.023953	74,789	1,791	73,893	1,054,917	14.11
72	0.050252	54,033	2,715	52,675	551,528	10.21	72	0.026159	72,997	1,910	72,042	981,025	13.44
73	0.054283	51,317	2,786	49,925	498,853	9.72	73	0.028563	71,088	2,030	70,072	908,982	12.79
74	0.058648	48,532	2,846	47,109	448,928	9.25	74	0.031229	69,057	2,157	67,979	838,910	12.15
75	0.063418	45,686	2,897	44,237	401,819	8.80	75	0.034272	66,901	2,293	65,754	770,931	11.52
76	0.068552	42,788	2,933	41,322	357,583	8.36	76	0.037746	64,608	2,439	63,388	705,177	10.91
77	0.073958	39,855	2,948	38,381	316,261	7.94	77	0.041634	62,169	2,588	60,875	641,788	10.32
78	0.079613	36,907	2,938	35,438	277,880	7.53	78	0.045968	59,581	2,739	58,211	580,914	9.75
79	0.085617	33,969	2,908	32,515	242,441	7.14	79	0.050805	56,842	2,888	55,398	522,702	9.20

**Table 6 – Period Life Tables for U. S. Social Security Area by Calendar Year and Sex**

Male							Female						
x	q <sub>x</sub>	l <sub>x</sub>	d <sub>x</sub>	L <sub>x</sub>	T <sub>x</sub>	e <sub>x</sub>	x	q <sub>x</sub>	l <sub>x</sub>	d <sub>x</sub>	L <sub>x</sub>	T <sub>x</sub>	e <sub>x</sub>
<b>Calendar Year 1980</b>													
80	0.092044	31,061	2,859	29,631	209,927	6.76	80	0.056195	53,954	3,032	52,438	467,304	8.66
81	0.099067	28,202	2,794	26,805	180,295	6.39	81	0.062211	50,922	3,168	49,338	414,866	8.15
82	0.106844	25,408	2,715	24,051	153,490	6.04	82	0.068918	47,754	3,291	46,109	365,528	7.65
83	0.115472	22,693	2,620	21,383	129,440	5.70	83	0.076367	44,463	3,396	42,765	319,419	7.18
84	0.124871	20,073	2,507	18,820	108,057	5.38	84	0.084564	41,068	3,473	39,331	276,654	6.74
85	0.134904	17,566	2,370	16,381	89,237	5.08	85	0.093503	37,595	3,515	35,837	237,323	6.31
86	0.145456	15,197	2,210	14,091	72,856	4.79	86	0.103176	34,079	3,516	32,321	201,486	5.91
87	0.156464	12,986	2,032	11,970	58,764	4.53	87	0.113587	30,563	3,472	28,828	169,164	5.53
88	0.167918	10,954	1,839	10,035	46,794	4.27	88	0.124747	27,092	3,380	25,402	140,337	5.18
89	0.179854	9,115	1,639	8,295	36,760	4.03	89	0.136673	23,712	3,241	22,092	114,935	4.85
90	0.192320	7,475	1,438	6,757	28,465	3.81	90	0.149384	20,471	3,058	18,942	92,843	4.54
91	0.205370	6,038	1,240	5,418	21,708	3.60	91	0.162894	17,413	2,837	15,995	73,901	4.24
92	0.219052	4,798	1,051	4,272	16,290	3.40	92	0.177212	14,577	2,583	13,285	57,906	3.97
93	0.233406	3,747	875	3,310	12,018	3.21	93	0.192343	11,994	2,307	10,840	44,621	3.72
94	0.248462	2,872	714	2,515	8,708	3.03	94	0.208283	9,687	2,018	8,678	33,781	3.49
95	0.263768	2,159	569	1,874	6,193	2.87	95	0.224591	7,669	1,722	6,808	25,103	3.27
96	0.279252	1,589	444	1,367	4,319	2.72	96	0.241149	5,947	1,434	5,230	18,295	3.08
97	0.294835	1,145	338	977	2,951	2.58	97	0.257824	4,513	1,163	3,931	13,065	2.90
98	0.310432	808	251	682	1,975	2.44	98	0.274473	3,349	919	2,890	9,135	2.73
99	0.325954	557	182	466	1,292	2.32	99	0.290941	2,430	707	2,076	6,245	2.57
100	0.342252	375	128	311	826	2.20	100	0.308398	1,723	531	1,457	4,169	2.42
101	0.359364	247	89	203	515	2.09	101	0.326902	1,192	390	997	2,711	2.28
102	0.377333	158	60	128	312	1.97	102	0.346516	802	278	663	1,714	2.14
103	0.396199	99	39	79	184	1.87	103	0.367307	524	193	428	1,051	2.01
104	0.416009	59	25	47	105	1.77	104	0.389345	332	129	267	623	1.88
105	0.436810	35	15	27	58	1.67	105	0.412706	203	84	161	356	1.76
106	0.458650	20	9	15	31	1.57	106	0.437468	119	52	93	196	1.65
107	0.481582	11	5	8	16	1.48	107	0.463716	67	31	51	103	1.54
108	0.505662	5	3	4	8	1.40	108	0.491539	36	18	27	51	1.43
109	0.530945	3	1	2	4	1.31	109	0.521031	18	10	13	24	1.33
110	0.557492	1	1	1	2	1.23	110	0.552293	9	5	6	11	1.24
111	0.585366	1	0	0	1	1.16	111	0.585366	4	2	3	5	1.16
112	0.614635	0	0	0	0	1.08	112	0.614635	2	1	1	2	1.08
113	0.645366	0	0	0	0	1.01	113	0.645366	1	0	0	1	1.01
114	0.677635	0	0	0	0	0.94	114	0.677635	0	0	0	0	0.94
115	0.711516	0	0	0	0	0.88	115	0.711516	0	0	0	0	0.88
116	0.747092	0	0	0	0	0.82	116	0.747092	0	0	0	0	0.82
117	0.784447	0	0	0	0	0.76	117	0.784447	0	0	0	0	0.76
118	0.823669	0	0	0	0	0.70	118	0.823669	0	0	0	0	0.70
119	0.864852	0	0	0	0	0.65	119	0.864852	0	0	0	0	0.65

**Table 6 – Period Life Tables for U. S. Social Security Area by Calendar Year and Sex**

Male							Female						
x	q <sub>x</sub>	l <sub>x</sub>	d <sub>x</sub>	L <sub>x</sub>	T <sub>x</sub>	e <sub>x</sub>	x	q <sub>x</sub>	l <sub>x</sub>	d <sub>x</sub>	L <sub>x</sub>	T <sub>x</sub>	e <sub>x</sub>
<b>Calendar Year 1990</b>													
0	0.010284	100,000	1,028	99,108	7,177,230	71.77	0	0.008150	100,000	815	99,298	7,886,454	78.86
1	0.000768	98,972	76	98,934	7,078,122	71.52	1	0.000652	99,185	65	99,153	7,787,156	78.51
2	0.000526	98,896	52	98,870	6,979,188	70.57	2	0.000379	99,120	38	99,102	7,688,004	77.56
3	0.000396	98,844	39	98,824	6,880,319	69.61	3	0.000302	99,083	30	99,068	7,588,902	76.59
4	0.000335	98,804	33	98,788	6,781,495	68.64	4	0.000248	99,053	25	99,041	7,489,834	75.61
5	0.000300	98,771	30	98,757	6,682,707	67.66	5	0.000217	99,028	21	99,018	7,390,794	74.63
6	0.000283	98,742	28	98,728	6,583,950	66.68	6	0.000197	99,007	20	98,997	7,291,776	73.65
7	0.000266	98,714	26	98,701	6,485,223	65.70	7	0.000183	98,987	18	98,978	7,192,779	72.66
8	0.000236	98,688	23	98,676	6,386,522	64.71	8	0.000170	98,969	17	98,961	7,093,801	71.68
9	0.000195	98,664	19	98,655	6,287,846	63.73	9	0.000158	98,952	16	98,945	6,994,841	70.69
10	0.000161	98,645	16	98,637	6,189,192	62.74	10	0.000151	98,937	15	98,929	6,895,896	69.70
11	0.000163	98,629	16	98,621	6,090,555	61.75	11	0.000155	98,922	15	98,914	6,796,967	68.71
12	0.000237	98,613	23	98,601	5,991,934	60.76	12	0.000180	98,906	18	98,898	6,698,053	67.72
13	0.000404	98,590	40	98,570	5,893,332	59.78	13	0.000229	98,889	23	98,877	6,599,156	66.73
14	0.000635	98,550	63	98,519	5,794,763	58.80	14	0.000294	98,866	29	98,851	6,500,278	65.75
15	0.000897	98,487	88	98,443	5,696,244	57.84	15	0.000370	98,837	37	98,819	6,401,427	64.77
16	0.001140	98,399	112	98,343	5,597,801	56.89	16	0.000441	98,800	44	98,779	6,302,608	63.79
17	0.001333	98,287	131	98,221	5,499,458	55.95	17	0.000491	98,757	48	98,733	6,203,830	62.82
18	0.001452	98,156	143	98,084	5,401,237	55.03	18	0.000510	98,708	50	98,683	6,105,097	61.85
19	0.001513	98,013	148	97,939	5,303,153	54.11	19	0.000507	98,658	50	98,633	6,006,414	60.88
20	0.001563	97,865	153	97,788	5,205,214	53.19	20	0.000497	98,608	49	98,583	5,907,781	59.91
21	0.001624	97,712	159	97,633	5,107,425	52.27	21	0.000496	98,559	49	98,534	5,809,198	58.94
22	0.001672	97,553	163	97,472	5,009,793	51.35	22	0.000502	98,510	49	98,485	5,710,663	57.97
23	0.001712	97,390	167	97,307	4,912,321	50.44	23	0.000520	98,461	51	98,435	5,612,178	57.00
24	0.001745	97,223	170	97,139	4,815,015	49.53	24	0.000548	98,409	54	98,382	5,513,743	56.03
25	0.001771	97,054	172	96,968	4,717,876	48.61	25	0.000578	98,355	57	98,327	5,415,360	55.06
26	0.001798	96,882	174	96,795	4,620,908	47.70	26	0.000607	98,299	60	98,269	5,317,033	54.09
27	0.001837	96,708	178	96,619	4,524,114	46.78	27	0.000638	98,239	63	98,208	5,218,765	53.12
28	0.001895	96,530	183	96,439	4,427,495	45.87	28	0.000672	98,176	66	98,143	5,120,557	52.16
29	0.001967	96,347	190	96,252	4,331,056	44.95	29	0.000707	98,110	69	98,076	5,022,414	51.19
30	0.002044	96,158	197	96,059	4,234,804	44.04	30	0.000747	98,041	73	98,004	4,924,339	50.23
31	0.002123	95,961	204	95,859	4,138,744	43.13	31	0.000791	97,968	77	97,929	4,826,334	49.26
32	0.002213	95,757	212	95,651	4,042,885	42.22	32	0.000838	97,890	82	97,849	4,728,405	48.30
33	0.002315	95,545	221	95,435	3,947,234	41.31	33	0.000887	97,808	87	97,765	4,630,556	47.34
34	0.002427	95,324	231	95,209	3,851,799	40.41	34	0.000939	97,721	92	97,675	4,532,792	46.38
35	0.002557	95,093	243	94,971	3,756,591	39.50	35	0.001002	97,630	98	97,581	4,435,116	45.43
36	0.002692	94,850	255	94,722	3,661,619	38.60	36	0.001071	97,532	104	97,480	4,337,536	44.47
37	0.002811	94,594	266	94,461	3,566,897	37.71	37	0.001142	97,427	111	97,372	4,240,056	43.52
38	0.002904	94,328	274	94,191	3,472,436	36.81	38	0.001212	97,316	118	97,257	4,142,684	42.57
39	0.002985	94,055	281	93,914	3,378,244	35.92	39	0.001287	97,198	125	97,136	4,045,427	41.62

**Table 6 – Period Life Tables for U. S. Social Security Area by Calendar Year and Sex**

Male							Female						
x	q <sub>x</sub>	l <sub>x</sub>	d <sub>x</sub>	L <sub>x</sub>	T <sub>x</sub>	e <sub>x</sub>	x	q <sub>x</sub>	l <sub>x</sub>	d <sub>x</sub>	L <sub>x</sub>	T <sub>x</sub>	e <sub>x</sub>
<b>Calendar Year 1990</b>													
40	0.003078	93,774	289	93,629	3,284,330	35.02	40	0.001371	97,073	133	97,006	3,948,292	40.67
41	0.003204	93,485	300	93,335	3,190,701	34.13	41	0.001474	96,940	143	96,868	3,851,285	39.73
42	0.003368	93,186	314	93,029	3,097,365	33.24	42	0.001604	96,797	155	96,719	3,754,417	38.79
43	0.003582	92,872	333	92,705	3,004,337	32.35	43	0.001765	96,642	171	96,556	3,657,697	37.85
44	0.003843	92,539	356	92,361	2,911,631	31.46	44	0.001955	96,471	189	96,377	3,561,141	36.91
45	0.004147	92,183	382	91,992	2,819,270	30.58	45	0.002169	96,283	209	96,178	3,464,764	35.99
46	0.004488	91,801	412	91,595	2,727,278	29.71	46	0.002404	96,074	231	95,958	3,368,586	35.06
47	0.004864	91,389	445	91,167	2,635,682	28.84	47	0.002657	95,843	255	95,715	3,272,627	34.15
48	0.005274	90,945	480	90,705	2,544,515	27.98	48	0.002929	95,588	280	95,448	3,176,912	33.24
49	0.005727	90,465	518	90,206	2,453,811	27.12	49	0.003223	95,308	307	95,155	3,081,464	32.33
50	0.006236	89,947	561	89,666	2,363,605	26.28	50	0.003548	95,001	337	94,832	2,986,309	31.43
51	0.006813	89,386	609	89,082	2,273,938	25.44	51	0.003907	94,664	370	94,479	2,891,477	30.54
52	0.007463	88,777	663	88,446	2,184,857	24.61	52	0.004292	94,294	405	94,092	2,796,998	29.66
53	0.008193	88,114	722	87,754	2,096,411	23.79	53	0.004702	93,889	441	93,669	2,702,906	28.79
54	0.009005	87,393	787	86,999	2,008,657	22.98	54	0.005143	93,448	481	93,208	2,609,237	27.92
55	0.009912	86,606	858	86,176	1,921,658	22.19	55	0.005628	92,967	523	92,706	2,516,030	27.06
56	0.010906	85,747	935	85,280	1,835,482	21.41	56	0.006164	92,444	570	92,159	2,423,324	26.21
57	0.011968	84,812	1,015	84,304	1,750,202	20.64	57	0.006748	91,874	620	91,564	2,331,165	25.37
58	0.013094	83,797	1,097	83,248	1,665,898	19.88	58	0.007385	91,254	674	90,917	2,239,600	24.54
59	0.014304	82,700	1,183	82,108	1,582,649	19.14	59	0.008079	90,580	732	90,214	2,148,683	23.72
60	0.015606	81,517	1,272	80,881	1,500,541	18.41	60	0.008834	89,849	794	89,452	2,058,469	22.91
61	0.017044	80,245	1,368	79,561	1,419,660	17.69	61	0.009658	89,055	860	88,625	1,969,017	22.11
62	0.018669	78,877	1,473	78,141	1,340,100	16.99	62	0.010559	88,195	931	87,729	1,880,392	21.32
63	0.020512	77,404	1,588	76,611	1,261,959	16.30	63	0.011542	87,264	1,007	86,760	1,792,663	20.54
64	0.022547	75,817	1,709	74,962	1,185,348	15.63	64	0.012610	86,256	1,088	85,712	1,705,903	19.78
65	0.024814	74,107	1,839	73,188	1,110,386	14.98	65	0.013807	85,169	1,176	84,581	1,620,190	19.02
66	0.027208	72,268	1,966	71,285	1,037,198	14.35	66	0.015099	83,993	1,268	83,359	1,535,610	18.28
67	0.029572	70,302	2,079	69,263	965,913	13.74	67	0.016403	82,725	1,357	82,046	1,452,251	17.56
68	0.031839	68,223	2,172	67,137	896,651	13.14	68	0.017694	81,368	1,440	80,648	1,370,205	16.84
69	0.034126	66,051	2,254	64,924	829,514	12.56	69	0.019032	79,928	1,521	79,167	1,289,557	16.13
70	0.036604	63,797	2,335	62,629	764,590	11.98	70	0.020538	78,407	1,610	77,602	1,210,390	15.44
71	0.039445	61,462	2,424	60,249	701,960	11.42	71	0.022277	76,796	1,711	75,941	1,132,789	14.75
72	0.042706	59,037	2,521	57,777	641,711	10.87	72	0.024223	75,086	1,819	74,176	1,056,848	14.08
73	0.046470	56,516	2,626	55,203	583,934	10.33	73	0.026404	73,267	1,935	72,300	982,672	13.41
74	0.050714	53,890	2,733	52,523	528,731	9.81	74	0.028854	71,332	2,058	70,303	910,372	12.76
75	0.055382	51,157	2,833	49,740	476,208	9.31	75	0.031665	69,274	2,194	68,177	840,069	12.13
76	0.060414	48,324	2,919	46,864	426,468	8.83	76	0.034829	67,080	2,336	65,912	771,892	11.51
77	0.065815	45,404	2,988	43,910	379,604	8.36	77	0.038273	64,744	2,478	63,505	705,979	10.90
78	0.071574	42,416	3,036	40,898	335,694	7.91	78	0.041993	62,266	2,615	60,959	642,474	10.32
79	0.077744	39,380	3,062	37,849	294,796	7.49	79	0.046083	59,651	2,749	58,277	581,515	9.75



**Table 6 – Period Life Tables for U. S. Social Security Area by Calendar Year and Sex**

Male							Female						
x	q <sub>x</sub>	l <sub>x</sub>	d <sub>x</sub>	L <sub>x</sub>	T <sub>x</sub>	e <sub>x</sub>	x	q <sub>x</sub>	l <sub>x</sub>	d <sub>x</sub>	L <sub>x</sub>	T <sub>x</sub>	e <sub>x</sub>
<b>Calendar Year 1990</b>													
80	0.084482	36,318	3,068	34,784	256,946	7.07	80	0.050723	56,902	2,886	55,459	523,239	9.20
81	0.091788	33,250	3,052	31,724	222,162	6.68	81	0.055992	54,016	3,024	52,504	467,779	8.66
82	0.099537	30,198	3,006	28,695	190,438	6.31	82	0.061848	50,992	3,154	49,415	415,275	8.14
83	0.107715	27,192	2,929	25,728	161,742	5.95	83	0.068329	47,838	3,269	46,204	365,860	7.65
84	0.116421	24,263	2,825	22,851	136,015	5.61	84	0.075510	44,569	3,365	42,887	319,657	7.17
85	0.125788	21,439	2,697	20,090	113,164	5.28	85	0.083479	41,204	3,440	39,484	276,770	6.72
86	0.135929	18,742	2,548	17,468	93,073	4.97	86	0.092311	37,764	3,486	36,021	237,286	6.28
87	0.146916	16,194	2,379	15,005	75,605	4.67	87	0.102066	34,278	3,499	32,529	201,265	5.87
88	0.158779	13,815	2,194	12,718	60,600	4.39	88	0.112783	30,780	3,471	29,044	168,736	5.48
89	0.171510	11,622	1,993	10,625	47,882	4.12	89	0.124484	27,308	3,399	25,608	139,692	5.12
90	0.185086	9,628	1,782	8,737	37,257	3.87	90	0.137179	23,909	3,280	22,269	114,084	4.77
91	0.199473	7,846	1,565	7,064	28,520	3.63	91	0.150871	20,629	3,112	19,073	91,815	4.45
92	0.214632	6,281	1,348	5,607	21,456	3.42	92	0.165555	17,517	2,900	16,067	72,742	4.15
93	0.230523	4,933	1,137	4,364	15,849	3.21	93	0.181220	14,617	2,649	13,292	56,676	3.88
94	0.247104	3,796	938	3,327	11,485	3.03	94	0.197850	11,968	2,368	10,784	43,383	3.62
95	0.263794	2,858	754	2,481	8,158	2.85	95	0.214749	9,600	2,062	8,569	32,599	3.40
96	0.280454	2,104	590	1,809	5,677	2.70	96	0.231727	7,538	1,747	6,665	24,030	3.19
97	0.296937	1,514	450	1,289	3,868	2.55	97	0.248575	5,792	1,440	5,072	17,365	3.00
98	0.313086	1,064	333	898	2,579	2.42	98	0.265069	4,352	1,154	3,775	12,293	2.82
99	0.328740	731	240	611	1,681	2.30	99	0.280973	3,198	899	2,749	8,518	2.66
100	0.345177	491	169	406	1,070	2.18	100	0.297832	2,300	685	1,957	5,769	2.51
101	0.362436	321	116	263	664	2.07	101	0.315702	1,615	510	1,360	3,812	2.36
102	0.380558	205	78	166	401	1.96	102	0.334644	1,105	370	920	2,452	2.22
103	0.399586	127	51	102	235	1.85	103	0.354722	735	261	605	1,532	2.08
104	0.419565	76	32	60	133	1.75	104	0.376005	474	178	385	927	1.95
105	0.440543	44	19	34	73	1.65	105	0.398566	296	118	237	542	1.83
106	0.462570	25	11	19	39	1.56	106	0.422480	178	75	140	305	1.71
107	0.485699	13	6	10	20	1.47	107	0.447828	103	46	80	165	1.60
108	0.509984	7	3	5	9	1.38	108	0.474698	57	27	43	85	1.49
109	0.535483	3	2	2	4	1.30	109	0.503180	30	15	22	41	1.39
110	0.562257	2	1	1	2	1.22	110	0.533371	15	8	11	19	1.29
111	0.590370	1	0	0	1	1.14	111	0.565373	7	4	5	8	1.20
112	0.619888	0	0	0	0	1.07	112	0.599295	3	2	2	3	1.11
113	0.650883	0	0	0	0	1.00	113	0.635253	1	1	1	1	1.03
114	0.683427	0	0	0	0	0.93	114	0.673368	0	0	0	0	0.95
115	0.717598	0	0	0	0	0.87	115	0.713770	0	0	0	0	0.87
116	0.753478	0	0	0	0	0.81	116	0.753478	0	0	0	0	0.81
117	0.791152	0	0	0	0	0.75	117	0.791152	0	0	0	0	0.75
118	0.830710	0	0	0	0	0.69	118	0.830710	0	0	0	0	0.69
119	0.872245	0	0	0	0	0.64	119	0.872245	0	0	0	0	0.64

**Table 6 – Period Life Tables for U. S. Social Security Area by Calendar Year and Sex**

Male							Female						
x	q <sub>x</sub>	l <sub>x</sub>	d <sub>x</sub>	L <sub>x</sub>	T <sub>x</sub>	e <sub>x</sub>	x	q <sub>x</sub>	l <sub>x</sub>	d <sub>x</sub>	L <sub>x</sub>	T <sub>x</sub>	e <sub>x</sub>
<b>Calendar Year 2000</b>													
0	0.007372	100,000	737	99,356	7,367,035	73.67	0	0.006138	100,000	614	99,460	7,937,775	79.38
1	0.000538	99,263	53	99,236	7,267,679	73.22	1	0.000468	99,386	47	99,363	7,838,315	78.87
2	0.000364	99,209	36	99,191	7,168,443	72.26	2	0.000305	99,340	30	99,325	7,738,952	77.90
3	0.000302	99,173	30	99,158	7,069,251	71.28	3	0.000228	99,309	23	99,298	7,639,628	76.93
4	0.000235	99,143	23	99,132	6,970,093	70.30	4	0.000171	99,287	17	99,278	7,540,330	75.94
5	0.000214	99,120	21	99,109	6,870,961	69.32	5	0.000161	99,270	16	99,262	7,441,051	74.96
6	0.000205	99,099	20	99,089	6,771,852	68.33	6	0.000156	99,254	15	99,246	7,341,789	73.97
7	0.000195	99,079	19	99,069	6,672,763	67.35	7	0.000152	99,238	15	99,231	7,242,543	72.98
8	0.000178	99,059	18	99,050	6,573,694	66.36	8	0.000146	99,223	14	99,216	7,143,312	71.99
9	0.000154	99,042	15	99,034	6,474,644	65.37	9	0.000136	99,209	13	99,202	7,044,096	71.00
10	0.000136	99,026	13	99,020	6,375,610	64.38	10	0.000129	99,195	13	99,189	6,944,894	70.01
11	0.000144	99,013	14	99,006	6,276,590	63.39	11	0.000130	99,182	13	99,176	6,845,705	69.02
12	0.000203	98,999	20	98,989	6,177,585	62.40	12	0.000151	99,170	15	99,162	6,746,529	68.03
13	0.000328	98,978	32	98,962	6,078,596	61.41	13	0.000194	99,155	19	99,145	6,647,367	67.04
14	0.000500	98,946	49	98,921	5,979,634	60.43	14	0.000254	99,135	25	99,123	6,548,222	66.05
15	0.000689	98,897	68	98,862	5,880,712	59.46	15	0.000324	99,110	32	99,094	6,449,099	65.07
16	0.000866	98,828	86	98,786	5,781,850	58.50	16	0.000387	99,078	38	99,059	6,350,005	64.09
17	0.001022	98,743	101	98,692	5,683,064	57.55	17	0.000433	99,040	43	99,018	6,250,946	63.12
18	0.001140	98,642	112	98,586	5,584,372	56.61	18	0.000453	98,997	45	98,974	6,151,928	62.14
19	0.001227	98,529	121	98,469	5,485,786	55.68	19	0.000455	98,952	45	98,929	6,052,953	61.17
20	0.001314	98,409	129	98,344	5,387,317	54.74	20	0.000452	98,907	45	98,885	5,954,024	60.20
21	0.001400	98,279	138	98,210	5,288,973	53.82	21	0.000456	98,862	45	98,840	5,855,139	59.23
22	0.001451	98,142	142	98,070	5,190,763	52.89	22	0.000463	98,817	46	98,794	5,756,300	58.25
23	0.001457	97,999	143	97,928	5,092,692	51.97	23	0.000476	98,771	47	98,748	5,657,505	57.28
24	0.001433	97,856	140	97,786	4,994,764	51.04	24	0.000495	98,724	49	98,700	5,558,757	56.31
25	0.001395	97,716	136	97,648	4,896,978	50.11	25	0.000515	98,676	51	98,650	5,460,057	55.33
26	0.001367	97,580	133	97,513	4,799,330	49.18	26	0.000537	98,625	53	98,598	5,361,407	54.36
27	0.001364	97,447	133	97,380	4,701,817	48.25	27	0.000565	98,572	56	98,544	5,262,809	53.39
28	0.001400	97,314	136	97,245	4,604,437	47.32	28	0.000600	98,516	59	98,487	5,164,265	52.42
29	0.001466	97,177	142	97,106	4,507,191	46.38	29	0.000641	98,457	63	98,425	5,065,779	51.45
30	0.001545	97,035	150	96,960	4,410,085	45.45	30	0.000687	98,394	68	98,360	4,967,353	50.48
31	0.001623	96,885	157	96,806	4,313,125	44.52	31	0.000738	98,326	73	98,290	4,868,993	49.52
32	0.001704	96,728	165	96,645	4,216,319	43.59	32	0.000795	98,254	78	98,215	4,770,703	48.55
33	0.001782	96,563	172	96,477	4,119,673	42.66	33	0.000860	98,176	84	98,133	4,672,489	47.59
34	0.001863	96,391	180	96,301	4,023,196	41.74	34	0.000931	98,091	91	98,045	4,574,355	46.63
35	0.001953	96,211	188	96,117	3,926,895	40.82	35	0.001010	98,000	99	97,950	4,476,310	45.68
36	0.002061	96,023	198	95,924	3,830,778	39.89	36	0.001095	97,901	107	97,847	4,378,359	44.72
37	0.002191	95,825	210	95,720	3,734,853	38.98	37	0.001182	97,794	116	97,736	4,280,512	43.77
38	0.002348	95,616	225	95,503	3,639,133	38.06	38	0.001270	97,678	124	97,616	4,182,776	42.82
39	0.002529	95,391	241	95,270	3,543,630	37.15	39	0.001362	97,554	133	97,488	4,085,160	41.88

**Table 6 – Period Life Tables for U. S. Social Security Area by Calendar Year and Sex**

Male							Female						
x	q <sub>x</sub>	l <sub>x</sub>	d <sub>x</sub>	L <sub>x</sub>	T <sub>x</sub>	e <sub>x</sub>	x	q <sub>x</sub>	l <sub>x</sub>	d <sub>x</sub>	L <sub>x</sub>	T <sub>x</sub>	e <sub>x</sub>
<b>Calendar Year 2000</b>													
40	0.002730	95,150	260	95,020	3,448,359	36.24	40	0.001464	97,421	143	97,350	3,987,672	40.93
41	0.002944	94,890	279	94,750	3,353,339	35.34	41	0.001578	97,279	154	97,202	3,890,322	39.99
42	0.003169	94,611	300	94,461	3,258,589	34.44	42	0.001696	97,125	165	97,043	3,793,121	39.05
43	0.003404	94,311	321	94,150	3,164,128	33.55	43	0.001817	96,960	176	96,872	3,696,078	38.12
44	0.003651	93,990	343	93,818	3,069,978	32.66	44	0.001947	96,784	188	96,690	3,599,206	37.19
45	0.003928	93,647	368	93,463	2,976,160	31.78	45	0.002092	96,596	202	96,495	3,502,516	36.26
46	0.004231	93,279	395	93,081	2,882,697	30.90	46	0.002259	96,394	218	96,285	3,406,021	35.33
47	0.004541	92,884	422	92,673	2,789,615	30.03	47	0.002448	96,176	235	96,058	3,309,736	34.41
48	0.004853	92,462	449	92,238	2,696,942	29.17	48	0.002663	95,940	255	95,813	3,213,678	33.50
49	0.005180	92,014	477	91,775	2,604,704	28.31	49	0.002904	95,685	278	95,546	3,117,866	32.58
50	0.005548	91,537	508	91,283	2,512,929	27.45	50	0.003178	95,407	303	95,255	3,022,320	31.68
51	0.005973	91,029	544	90,757	2,421,646	26.60	51	0.003482	95,104	331	94,938	2,927,064	30.78
52	0.006452	90,485	584	90,194	2,330,889	25.76	52	0.003815	94,773	362	94,592	2,832,126	29.88
53	0.006993	89,902	629	89,587	2,240,695	24.92	53	0.004177	94,411	394	94,214	2,737,534	29.00
54	0.007603	89,273	679	88,934	2,151,108	24.10	54	0.004574	94,017	430	93,802	2,643,320	28.12
55	0.008297	88,594	735	88,227	2,062,174	23.28	55	0.005022	93,587	470	93,352	2,549,518	27.24
56	0.009076	87,859	797	87,460	1,973,948	22.47	56	0.005522	93,117	514	92,860	2,456,166	26.38
57	0.009931	87,062	865	86,629	1,886,487	21.67	57	0.006066	92,603	562	92,322	2,363,307	25.52
58	0.010864	86,197	936	85,729	1,799,858	20.88	58	0.006653	92,041	612	91,735	2,270,985	24.67
59	0.011891	85,261	1,014	84,754	1,714,129	20.10	59	0.007294	91,428	667	91,095	2,179,250	23.84
60	0.013002	84,247	1,095	83,699	1,629,375	19.34	60	0.007992	90,762	725	90,399	2,088,155	23.01
61	0.014246	83,151	1,185	82,559	1,545,676	18.59	61	0.008771	90,036	790	89,641	1,997,756	22.19
62	0.015702	81,967	1,287	81,323	1,463,117	17.85	62	0.009665	89,247	863	88,815	1,908,115	21.38
63	0.017409	80,680	1,405	79,978	1,381,794	17.13	63	0.010693	88,384	945	87,911	1,819,299	20.58
64	0.019326	79,275	1,532	78,509	1,301,816	16.42	64	0.011841	87,439	1,035	86,921	1,731,388	19.80
65	0.021466	77,743	1,669	76,909	1,223,307	15.74	65	0.013130	86,404	1,134	85,836	1,644,467	19.03
66	0.023706	76,074	1,803	75,173	1,146,398	15.07	66	0.014501	85,269	1,236	84,651	1,558,631	18.28
67	0.025894	74,271	1,923	73,309	1,071,226	14.42	67	0.015863	84,033	1,333	83,366	1,473,980	17.54
68	0.027954	72,348	2,022	71,337	997,916	13.79	68	0.017177	82,700	1,421	81,989	1,390,614	16.82
69	0.029997	70,325	2,110	69,271	926,580	13.18	69	0.018512	81,279	1,505	80,527	1,308,625	16.10
70	0.032289	68,216	2,203	67,115	857,309	12.57	70	0.020035	79,774	1,598	78,975	1,228,098	15.39
71	0.034923	66,013	2,305	64,861	790,195	11.97	71	0.021795	78,176	1,704	77,324	1,149,123	14.70
72	0.037772	63,708	2,406	62,505	725,334	11.39	72	0.023705	76,472	1,813	75,566	1,071,798	14.02
73	0.040858	61,301	2,505	60,049	662,829	10.81	73	0.025773	74,659	1,924	73,697	996,233	13.34
74	0.044271	58,797	2,603	57,495	602,780	10.25	74	0.028071	72,735	2,042	71,714	922,535	12.68
75	0.048112	56,194	2,704	54,842	545,285	9.70	75	0.030724	70,694	2,172	69,608	850,821	12.04
76	0.052500	53,490	2,808	52,086	490,443	9.17	76	0.033794	68,522	2,316	67,364	781,213	11.40
77	0.057520	50,682	2,915	49,224	438,357	8.65	77	0.037262	66,206	2,467	64,972	713,850	10.78
78	0.063250	47,767	3,021	46,256	389,132	8.15	78	0.041164	63,739	2,624	62,427	648,877	10.18
79	0.069703	44,746	3,119	43,186	342,876	7.66	79	0.045566	61,115	2,785	59,723	586,450	9.60

**Table 6 – Period Life Tables for U. S. Social Security Area by Calendar Year and Sex**

Male							Female						
x	q <sub>x</sub>	l <sub>x</sub>	d <sub>x</sub>	L <sub>x</sub>	T <sub>x</sub>	e <sub>x</sub>	x	q <sub>x</sub>	l <sub>x</sub>	d <sub>x</sub>	L <sub>x</sub>	T <sub>x</sub>	e <sub>x</sub>
<b>Calendar Year 2000</b>													
80	0.076837	41,627	3,198	40,027	299,690	7.20	80	0.050614	58,330	2,952	56,854	526,727	9.03
81	0.084666	38,428	3,254	36,801	259,663	6.76	81	0.056320	55,378	3,119	53,819	469,873	8.48
82	0.093276	35,175	3,281	33,534	222,862	6.34	82	0.062597	52,259	3,271	50,624	416,054	7.96
83	0.102697	31,894	3,275	30,256	189,327	5.94	83	0.069450	48,988	3,402	47,287	365,431	7.46
84	0.112931	28,618	3,232	27,002	159,071	5.56	84	0.077001	45,586	3,510	43,831	318,144	6.98
85	0.123969	25,386	3,147	23,813	132,069	5.20	85	0.085408	42,076	3,594	40,279	274,313	6.52
86	0.135800	22,239	3,020	20,729	108,256	4.87	86	0.094804	38,482	3,648	36,658	234,034	6.08
87	0.148417	19,219	2,852	17,793	87,527	4.55	87	0.105283	34,834	3,667	33,000	197,377	5.67
88	0.161817	16,367	2,648	15,043	69,734	4.26	88	0.116892	31,166	3,643	29,345	164,377	5.27
89	0.176000	13,718	2,414	12,511	54,692	3.99	89	0.129634	27,523	3,568	25,739	135,032	4.91
90	0.190963	11,304	2,159	10,225	42,181	3.73	90	0.143498	23,955	3,438	22,237	109,293	4.56
91	0.206697	9,145	1,890	8,200	31,956	3.49	91	0.158457	20,518	3,251	18,892	87,056	4.24
92	0.223192	7,255	1,619	6,445	23,756	3.27	92	0.174476	17,267	3,013	15,760	68,164	3.95
93	0.240429	5,636	1,355	4,958	17,311	3.07	93	0.191516	14,254	2,730	12,889	52,404	3.68
94	0.258384	4,281	1,106	3,728	12,352	2.89	94	0.209532	11,524	2,415	10,317	39,515	3.43
95	0.276405	3,175	877	2,736	8,625	2.72	95	0.227815	9,109	2,075	8,072	29,198	3.21
96	0.294318	2,297	676	1,959	5,889	2.56	96	0.246141	7,034	1,731	6,168	21,126	3.00
97	0.311939	1,621	506	1,368	3,930	2.42	97	0.264264	5,303	1,401	4,602	14,957	2.82
98	0.329075	1,115	367	932	2,561	2.30	98	0.281920	3,901	1,100	3,351	10,355	2.65
99	0.345529	748	259	619	1,630	2.18	99	0.298836	2,802	837	2,383	7,004	2.50
100	0.362806	490	178	401	1,011	2.06	100	0.316766	1,964	622	1,653	4,621	2.35
101	0.380946	312	119	253	610	1.95	101	0.335772	1,342	451	1,117	2,968	2.21
102	0.399993	193	77	155	357	1.85	102	0.355918	891	317	733	1,851	2.08
103	0.419993	116	49	92	202	1.75	103	0.377273	574	217	466	1,118	1.95
104	0.440992	67	30	52	111	1.65	104	0.399909	358	143	286	652	1.82
105	0.463042	38	17	29	58	1.56	105	0.423904	215	91	169	366	1.71
106	0.486194	20	10	15	30	1.47	106	0.449338	124	56	96	197	1.59
107	0.510504	10	5	8	14	1.38	107	0.476298	68	32	52	101	1.49
108	0.536029	5	3	4	7	1.30	108	0.504876	36	18	27	49	1.39
109	0.562830	2	1	2	3	1.22	109	0.535169	18	9	13	23	1.29
110	0.590972	1	1	1	1	1.14	110	0.567279	8	5	6	10	1.20
111	0.620520	0	0	0	0	1.07	111	0.601316	4	2	2	4	1.11
112	0.651546	0	0	0	0	1.00	112	0.637394	1	1	1	1	1.02
113	0.684124	0	0	0	0	0.93	113	0.675638	1	0	0	0	0.94
114	0.718330	0	0	0	0	0.87	114	0.716176	0	0	0	0	0.87
115	0.754246	0	0	0	0	0.81	115	0.754246	0	0	0	0	0.81
116	0.791959	0	0	0	0	0.75	116	0.791959	0	0	0	0	0.75
117	0.831556	0	0	0	0	0.69	117	0.831556	0	0	0	0	0.69
118	0.873134	0	0	0	0	0.64	118	0.873134	0	0	0	0	0.64
119	0.916791	0	0	0	0	0.59	119	0.916791	0	0	0	0	0.59

**Table 6 – Period Life Tables for U. S. Social Security Area by Calendar Year and Sex**

Male							Female						
x	q <sub>x</sub>	l <sub>x</sub>	d <sub>x</sub>	L <sub>x</sub>	T <sub>x</sub>	e <sub>x</sub>	x	q <sub>x</sub>	l <sub>x</sub>	d <sub>x</sub>	L <sub>x</sub>	T <sub>x</sub>	e <sub>x</sub>
<b>Calendar Year 2010</b>													
0	0.005780	100,000	578	99,495	7,488,021	74.88	0	0.004852	100,000	485	99,573	8,009,844	80.10
1	0.000428	99,422	43	99,401	7,388,526	74.31	1	0.000375	99,515	37	99,496	7,910,271	79.49
2	0.000289	99,379	29	99,365	7,289,125	73.35	2	0.000244	99,477	24	99,465	7,810,775	78.52
3	0.000240	99,351	24	99,339	7,189,760	72.37	3	0.000183	99,453	18	99,444	7,711,309	77.54
4	0.000187	99,327	19	99,318	7,090,421	71.38	4	0.000137	99,435	14	99,428	7,611,865	76.55
5	0.000171	99,308	17	99,300	6,991,104	70.40	5	0.000130	99,421	13	99,415	7,512,437	75.56
6	0.000165	99,291	16	99,283	6,891,804	69.41	6	0.000127	99,408	13	99,402	7,413,022	74.57
7	0.000159	99,275	16	99,267	6,792,521	68.42	7	0.000125	99,396	12	99,390	7,313,620	73.58
8	0.000145	99,259	14	99,252	6,693,254	67.43	8	0.000120	99,383	12	99,377	7,214,231	72.59
9	0.000124	99,245	12	99,239	6,594,002	66.44	9	0.000113	99,371	11	99,366	7,114,853	71.60
10	0.000108	99,232	11	99,227	6,494,763	65.45	10	0.000108	99,360	11	99,355	7,015,487	70.61
11	0.000116	99,222	12	99,216	6,395,536	64.46	11	0.000111	99,350	11	99,344	6,916,132	69.61
12	0.000172	99,210	17	99,202	6,296,320	63.46	12	0.000131	99,338	13	99,332	6,816,788	68.62
13	0.000288	99,193	29	99,179	6,197,119	62.48	13	0.000173	99,325	17	99,317	6,717,456	67.63
14	0.000447	99,165	44	99,142	6,097,940	61.49	14	0.000231	99,308	23	99,297	6,618,139	66.64
15	0.000624	99,120	62	99,089	5,998,797	60.52	15	0.000297	99,285	29	99,271	6,518,842	65.66
16	0.000789	99,058	78	99,019	5,899,708	59.56	16	0.000357	99,256	35	99,238	6,419,572	64.68
17	0.000931	98,980	92	98,934	5,800,688	58.60	17	0.000400	99,220	40	99,201	6,320,334	63.70
18	0.001036	98,888	102	98,837	5,701,754	57.66	18	0.000417	99,181	41	99,160	6,221,133	62.73
19	0.001111	98,786	110	98,731	5,602,917	56.72	19	0.000416	99,139	41	99,119	6,121,973	61.75
20	0.001186	98,676	117	98,617	5,504,186	55.78	20	0.000411	99,098	41	99,078	6,022,854	60.78
21	0.001262	98,559	124	98,497	5,405,569	54.85	21	0.000413	99,057	41	99,037	5,923,776	59.80
22	0.001305	98,435	128	98,370	5,307,072	53.91	22	0.000419	99,017	41	98,996	5,824,739	58.83
23	0.001309	98,306	129	98,242	5,208,702	52.98	23	0.000432	98,975	43	98,954	5,725,743	57.85
24	0.001287	98,177	126	98,114	5,110,460	52.05	24	0.000453	98,932	45	98,910	5,626,790	56.88
25	0.001252	98,051	123	97,990	5,012,346	51.12	25	0.000476	98,887	47	98,864	5,527,880	55.90
26	0.001227	97,928	120	97,868	4,914,357	50.18	26	0.000500	98,840	49	98,816	5,429,016	54.93
27	0.001232	97,808	120	97,748	4,816,489	49.24	27	0.000531	98,791	52	98,765	5,330,200	53.95
28	0.001280	97,688	125	97,625	4,718,741	48.30	28	0.000569	98,738	56	98,710	5,231,436	52.98
29	0.001363	97,563	133	97,496	4,621,116	47.37	29	0.000613	98,682	60	98,652	5,132,725	52.01
30	0.001460	97,430	142	97,358	4,523,620	46.43	30	0.000661	98,622	65	98,589	5,034,073	51.04
31	0.001554	97,287	151	97,212	4,426,261	45.50	31	0.000714	98,557	70	98,521	4,935,484	50.08
32	0.001646	97,136	160	97,056	4,329,050	44.57	32	0.000773	98,486	76	98,448	4,836,963	49.11
33	0.001730	96,976	168	96,892	4,231,994	43.64	33	0.000838	98,410	82	98,369	4,738,515	48.15
34	0.001812	96,809	175	96,721	4,135,101	42.71	34	0.000909	98,328	89	98,283	4,640,146	47.19
35	0.001900	96,633	184	96,541	4,038,380	41.79	35	0.000987	98,238	97	98,190	4,541,863	46.23
36	0.002004	96,449	193	96,353	3,941,839	40.87	36	0.001068	98,141	105	98,089	4,443,673	45.28
37	0.002129	96,256	205	96,154	3,845,486	39.95	37	0.001148	98,037	113	97,980	4,345,584	44.33
38	0.002278	96,051	219	95,942	3,749,333	39.03	38	0.001225	97,924	120	97,864	4,247,604	43.38
39	0.002449	95,832	235	95,715	3,653,391	38.12	39	0.001302	97,804	127	97,740	4,149,740	42.43

**Table 6 – Period Life Tables for U. S. Social Security Area by Calendar Year and Sex**

Male							Female						
x	q <sub>x</sub>	l <sub>x</sub>	d <sub>x</sub>	L <sub>x</sub>	T <sub>x</sub>	e <sub>x</sub>	x	q <sub>x</sub>	l <sub>x</sub>	d <sub>x</sub>	L <sub>x</sub>	T <sub>x</sub>	e <sub>x</sub>
<b>Calendar Year 2010</b>													
40	0.002636	95,598	252	95,472	3,557,675	37.22	40	0.001388	97,677	136	97,609	4,052,000	41.48
41	0.002830	95,346	270	95,211	3,462,204	36.31	41	0.001483	97,541	145	97,469	3,954,391	40.54
42	0.003027	95,076	288	94,932	3,366,993	35.41	42	0.001580	97,396	154	97,319	3,856,922	39.60
43	0.003222	94,788	305	94,635	3,272,061	34.52	43	0.001680	97,243	163	97,161	3,759,602	38.66
44	0.003420	94,483	323	94,321	3,177,425	33.63	44	0.001786	97,079	173	96,992	3,662,442	37.73
45	0.003642	94,160	343	93,988	3,083,104	32.74	45	0.001907	96,906	185	96,813	3,565,449	36.79
46	0.003887	93,817	365	93,634	2,989,116	31.86	46	0.002048	96,721	198	96,622	3,468,636	35.86
47	0.004131	93,452	386	93,259	2,895,482	30.98	47	0.002210	96,523	213	96,416	3,372,014	34.93
48	0.004370	93,066	407	92,863	2,802,223	30.11	48	0.002394	96,310	231	96,194	3,275,597	34.01
49	0.004619	92,659	428	92,445	2,709,360	29.24	49	0.002604	96,079	250	95,954	3,179,403	33.09
50	0.004902	92,231	452	92,005	2,616,915	28.37	50	0.002845	95,829	273	95,693	3,083,449	32.18
51	0.005239	91,779	481	91,539	2,524,909	27.51	51	0.003117	95,556	298	95,407	2,987,757	31.27
52	0.005631	91,298	514	91,041	2,433,371	26.65	52	0.003421	95,258	326	95,095	2,892,349	30.36
53	0.006087	90,784	553	90,508	2,342,329	25.80	53	0.003759	94,932	357	94,754	2,797,254	29.47
54	0.006614	90,232	597	89,933	2,251,821	24.96	54	0.004134	94,576	391	94,380	2,702,500	28.58
55	0.007223	89,635	647	89,311	2,161,888	24.12	55	0.004563	94,185	430	93,970	2,608,120	27.69
56	0.007913	88,987	704	88,635	2,072,577	23.29	56	0.005044	93,755	473	93,518	2,514,150	26.82
57	0.008672	88,283	766	87,900	1,983,942	22.47	57	0.005562	93,282	519	93,023	2,420,631	25.95
58	0.009504	87,518	832	87,102	1,896,041	21.66	58	0.006117	92,763	567	92,479	2,327,609	25.09
59	0.010425	86,686	904	86,234	1,808,939	20.87	59	0.006722	92,196	620	91,886	2,235,129	24.24
60	0.011416	85,782	979	85,293	1,722,705	20.08	60	0.007377	91,576	676	91,238	2,143,244	23.40
61	0.012537	84,803	1,063	84,271	1,637,413	19.31	61	0.008115	90,900	738	90,532	2,052,005	22.57
62	0.013880	83,740	1,162	83,159	1,553,141	18.55	62	0.008984	90,163	810	89,758	1,961,474	21.75
63	0.015488	82,577	1,279	81,938	1,469,983	17.80	63	0.010006	89,353	894	88,906	1,871,716	20.95
64	0.017312	81,298	1,407	80,595	1,388,045	17.07	64	0.011159	88,459	987	87,965	1,782,810	20.15
65	0.019360	79,891	1,547	79,118	1,307,450	16.37	65	0.012456	87,472	1,090	86,927	1,694,845	19.38
66	0.021485	78,344	1,683	77,503	1,228,332	15.68	66	0.013821	86,382	1,194	85,785	1,607,918	18.61
67	0.023509	76,661	1,802	75,760	1,150,830	15.01	67	0.015155	85,188	1,291	84,543	1,522,133	17.87
68	0.025345	74,859	1,897	73,910	1,075,070	14.36	68	0.016413	83,897	1,377	83,209	1,437,591	17.14
69	0.027116	72,962	1,978	71,972	1,001,159	13.72	69	0.017666	82,520	1,458	81,791	1,354,382	16.41
70	0.029120	70,983	2,067	69,950	929,187	13.09	70	0.019090	81,062	1,547	80,289	1,272,591	15.70
71	0.031467	68,916	2,169	67,832	859,237	12.47	71	0.020745	79,515	1,650	78,690	1,192,302	14.99
72	0.034026	66,748	2,271	65,612	791,405	11.86	72	0.022548	77,865	1,756	76,987	1,113,612	14.30
73	0.036823	64,476	2,374	63,289	725,793	11.26	73	0.024513	76,110	1,866	75,177	1,036,624	13.62
74	0.039951	62,102	2,481	60,862	662,504	10.67	74	0.026703	74,244	1,983	73,253	961,448	12.95
75	0.043533	59,621	2,595	58,323	601,642	10.09	75	0.029257	72,261	2,114	71,204	888,195	12.29
76	0.047672	57,026	2,719	55,666	543,319	9.53	76	0.032207	70,147	2,259	69,018	816,991	11.65
77	0.052415	54,307	2,847	52,884	487,652	8.98	77	0.035491	67,888	2,409	66,683	747,973	11.02
78	0.057830	51,461	2,976	49,973	434,769	8.45	78	0.039126	65,479	2,562	64,198	681,290	10.40
79	0.063964	48,485	3,101	46,934	384,796	7.94	79	0.043206	62,917	2,718	61,558	617,092	9.81

**Table 6 – Period Life Tables for U. S. Social Security Area by Calendar Year and Sex**

Male							Female						
x	q <sub>x</sub>	l <sub>x</sub>	d <sub>x</sub>	L <sub>x</sub>	T <sub>x</sub>	e <sub>x</sub>	x	q <sub>x</sub>	l <sub>x</sub>	d <sub>x</sub>	L <sub>x</sub>	T <sub>x</sub>	e <sub>x</sub>
<b>Calendar Year 2010</b>													
80	0.070788	45,383	3,213	43,777	337,862	7.44	80	0.047920	60,198	2,885	58,756	555,535	9.23
81	0.078386	42,171	3,306	40,518	294,085	6.97	81	0.053330	57,314	3,057	55,785	496,779	8.67
82	0.086914	38,865	3,378	37,176	253,567	6.52	82	0.059370	54,257	3,221	52,646	440,993	8.13
83	0.096440	35,487	3,422	33,776	216,391	6.10	83	0.066070	51,036	3,372	49,350	388,347	7.61
84	0.106926	32,065	3,429	30,351	182,615	5.70	84	0.073541	47,664	3,505	45,911	338,997	7.11
85	0.118295	28,636	3,388	26,943	152,264	5.32	85	0.081912	44,159	3,617	42,350	293,086	6.64
86	0.130483	25,249	3,295	23,602	125,321	4.96	86	0.091297	40,542	3,701	38,691	250,736	6.18
87	0.143452	21,954	3,149	20,380	101,720	4.63	87	0.101778	36,840	3,750	34,965	212,045	5.76
88	0.157191	18,805	2,956	17,327	81,340	4.33	88	0.113404	33,091	3,753	31,214	177,079	5.35
89	0.171717	15,849	2,722	14,488	64,013	4.04	89	0.126192	29,338	3,702	27,487	145,865	4.97
90	0.187046	13,127	2,455	11,900	49,525	3.77	90	0.140143	25,636	3,593	23,839	118,378	4.62
91	0.203196	10,672	2,168	9,588	37,626	3.53	91	0.155246	22,043	3,422	20,332	94,538	4.29
92	0.220178	8,503	1,872	7,567	28,038	3.30	92	0.171479	18,621	3,193	17,024	74,206	3.99
93	0.237991	6,631	1,578	5,842	20,471	3.09	93	0.188815	15,428	2,913	13,971	57,182	3.71
94	0.256628	5,053	1,297	4,405	14,629	2.90	94	0.207220	12,515	2,593	11,218	43,211	3.45
95	0.275271	3,756	1,034	3,239	10,224	2.72	95	0.225866	9,922	2,241	8,801	31,992	3.22
96	0.293711	2,722	800	2,322	6,985	2.57	96	0.244497	7,681	1,878	6,742	23,191	3.02
97	0.311722	1,923	599	1,623	4,662	2.42	97	0.262832	5,803	1,525	5,040	16,450	2.83
98	0.329073	1,323	435	1,106	3,039	2.30	98	0.280571	4,278	1,200	3,678	11,409	2.67
99	0.345527	888	307	734	1,933	2.18	99	0.297406	3,077	915	2,620	7,732	2.51
100	0.362803	581	211	476	1,199	2.06	100	0.315250	2,162	682	1,821	5,112	2.36
101	0.380943	370	141	300	723	1.95	101	0.334165	1,481	495	1,233	3,291	2.22
102	0.399990	229	92	183	424	1.85	102	0.354215	986	349	811	2,058	2.09
103	0.419990	138	58	109	240	1.75	103	0.375468	637	239	517	1,246	1.96
104	0.440989	80	35	62	132	1.65	104	0.397996	398	158	318	729	1.83
105	0.463039	45	21	34	69	1.56	105	0.421875	239	101	189	411	1.72
106	0.486191	24	12	18	35	1.47	106	0.447188	138	62	107	222	1.60
107	0.510500	12	6	9	17	1.38	107	0.474019	76	36	58	114	1.50
108	0.536025	6	3	4	8	1.30	108	0.502460	40	20	30	56	1.39
109	0.562827	3	2	2	3	1.22	109	0.532608	20	11	15	26	1.30
110	0.590968	1	1	1	1	1.14	110	0.564564	9	5	7	11	1.20
111	0.620516	0	0	0	1	1.07	111	0.598438	4	2	3	5	1.11
112	0.651542	0	0	0	0	1.00	112	0.634344	2	1	1	2	1.03
113	0.684119	0	0	0	0	0.93	113	0.672405	1	0	0	1	0.95
114	0.718325	0	0	0	0	0.87	114	0.712749	0	0	0	0	0.88
115	0.754241	0	0	0	0	0.81	115	0.754241	0	0	0	0	0.81
116	0.791953	0	0	0	0	0.75	116	0.791953	0	0	0	0	0.75
117	0.831551	0	0	0	0	0.69	117	0.831551	0	0	0	0	0.69
118	0.873128	0	0	0	0	0.64	118	0.873128	0	0	0	0	0.64
119	0.916785	0	0	0	0	0.59	119	0.916785	0	0	0	0	0.59

**Table 6 – Period Life Tables for U. S. Social Security Area by Calendar Year and Sex**

Male							Female						
x	q <sub>x</sub>	l <sub>x</sub>	d <sub>x</sub>	L <sub>x</sub>	T <sub>x</sub>	e <sub>x</sub>	x	q <sub>x</sub>	l <sub>x</sub>	d <sub>x</sub>	L <sub>x</sub>	T <sub>x</sub>	e <sub>x</sub>
<b>Calendar Year 2020</b>													
0	0.004818	100,000	482	99,579	7,599,625	76.00	0	0.004047	100,000	405	99,644	8,101,600	81.02
1	0.000369	99,518	37	99,500	7,500,046	75.36	1	0.000323	99,595	32	99,579	8,001,956	80.34
2	0.000249	99,481	25	99,469	7,400,546	74.39	2	0.000210	99,563	21	99,553	7,902,377	79.37
3	0.000207	99,457	21	99,446	7,301,077	73.41	3	0.000157	99,542	16	99,534	7,802,824	78.39
4	0.000161	99,436	16	99,428	7,201,631	72.42	4	0.000118	99,527	12	99,521	7,703,290	77.40
5	0.000147	99,420	15	99,413	7,102,203	71.44	5	0.000112	99,515	11	99,509	7,603,769	76.41
6	0.000143	99,406	14	99,398	7,002,790	70.45	6	0.000111	99,504	11	99,498	7,504,260	75.42
7	0.000138	99,391	14	99,384	6,903,391	69.46	7	0.000109	99,493	11	99,487	7,404,762	74.43
8	0.000125	99,378	12	99,371	6,804,007	68.47	8	0.000105	99,482	10	99,477	7,305,275	73.43
9	0.000105	99,365	10	99,360	6,704,635	67.47	9	0.000098	99,471	10	99,466	7,205,798	72.44
10	0.000089	99,355	9	99,350	6,605,275	66.48	10	0.000092	99,462	9	99,457	7,106,332	71.45
11	0.000096	99,346	10	99,341	6,505,925	65.49	11	0.000094	99,452	9	99,448	7,006,875	70.45
12	0.000148	99,336	15	99,329	6,406,584	64.49	12	0.000113	99,443	11	99,438	6,907,427	69.46
13	0.000256	99,322	25	99,309	6,307,255	63.50	13	0.000153	99,432	15	99,424	6,807,989	68.47
14	0.000406	99,296	40	99,276	6,207,946	62.52	14	0.000207	99,417	21	99,406	6,708,565	67.48
15	0.000571	99,256	57	99,228	6,108,670	61.54	15	0.000270	99,396	27	99,383	6,609,158	66.49
16	0.000726	99,199	72	99,163	6,009,442	60.58	16	0.000328	99,369	33	99,353	6,509,776	65.51
17	0.000858	99,127	85	99,085	5,910,279	59.62	17	0.000369	99,337	37	99,318	6,410,423	64.53
18	0.000955	99,042	95	98,995	5,811,195	58.67	18	0.000386	99,300	38	99,281	6,311,104	63.56
19	0.001023	98,948	101	98,897	5,712,200	57.73	19	0.000384	99,262	38	99,243	6,211,823	62.58
20	0.001091	98,846	108	98,792	5,613,303	56.79	20	0.000379	99,224	38	99,205	6,112,581	61.60
21	0.001159	98,738	114	98,681	5,514,510	55.85	21	0.000381	99,186	38	99,167	6,013,376	60.63
22	0.001198	98,624	118	98,565	5,415,829	54.91	22	0.000386	99,148	38	99,129	5,914,209	59.65
23	0.001201	98,506	118	98,447	5,317,264	53.98	23	0.000399	99,110	40	99,090	5,815,080	58.67
24	0.001180	98,388	116	98,330	5,218,817	53.04	24	0.000418	99,070	41	99,050	5,715,990	57.70
25	0.001147	98,272	113	98,215	5,120,488	52.11	25	0.000439	99,029	43	99,007	5,616,940	56.72
26	0.001124	98,159	110	98,104	5,022,273	51.16	26	0.000462	98,985	46	98,963	5,517,933	55.74
27	0.001128	98,048	111	97,993	4,924,169	50.22	27	0.000490	98,940	48	98,915	5,418,971	54.77
28	0.001174	97,938	115	97,880	4,826,176	49.28	28	0.000526	98,891	52	98,865	5,320,055	53.80
29	0.001252	97,823	122	97,762	4,728,296	48.34	29	0.000568	98,839	56	98,811	5,221,190	52.83
30	0.001343	97,700	131	97,635	4,630,534	47.40	30	0.000613	98,783	61	98,753	5,122,379	51.85
31	0.001432	97,569	140	97,499	4,532,899	46.46	31	0.000663	98,723	65	98,690	5,023,626	50.89
32	0.001518	97,429	148	97,356	4,435,400	45.52	32	0.000718	98,657	71	98,622	4,924,936	49.92
33	0.001595	97,282	155	97,204	4,338,044	44.59	33	0.000778	98,586	77	98,548	4,826,315	48.96
34	0.001670	97,126	162	97,045	4,240,840	43.66	34	0.000844	98,510	83	98,468	4,727,767	47.99
35	0.001750	96,964	170	96,879	4,143,795	42.74	35	0.000916	98,426	90	98,381	4,629,299	47.03
36	0.001843	96,795	178	96,705	4,046,916	41.81	36	0.000991	98,336	97	98,288	4,530,917	46.08
37	0.001956	96,616	189	96,522	3,950,210	40.89	37	0.001065	98,239	105	98,186	4,432,630	45.12
38	0.002091	96,427	202	96,326	3,853,689	39.96	38	0.001135	98,134	111	98,078	4,334,443	44.17
39	0.002246	96,226	216	96,117	3,757,362	39.05	39	0.001205	98,023	118	97,964	4,236,365	43.22



**Table 6 – Period Life Tables for U. S. Social Security Area by Calendar Year and Sex**

Male							Female						
x	q <sub>x</sub>	l <sub>x</sub>	d <sub>x</sub>	L <sub>x</sub>	T <sub>x</sub>	e <sub>x</sub>	x	q <sub>x</sub>	l <sub>x</sub>	d <sub>x</sub>	L <sub>x</sub>	T <sub>x</sub>	e <sub>x</sub>
<b>Calendar Year 2020</b>													
40	0.002415	96,009	232	95,893	3,661,245	38.13	40	0.001283	97,905	126	97,842	4,138,401	42.27
41	0.002591	95,778	248	95,653	3,565,351	37.23	41	0.001370	97,779	134	97,712	4,040,559	41.32
42	0.002766	95,529	264	95,397	3,469,698	36.32	42	0.001459	97,645	142	97,574	3,942,847	40.38
43	0.002937	95,265	280	95,125	3,374,301	35.42	43	0.001549	97,503	151	97,427	3,845,274	39.44
44	0.003109	94,985	295	94,838	3,279,175	34.52	44	0.001645	97,352	160	97,272	3,747,847	38.50
45	0.003302	94,690	313	94,534	3,184,338	33.63	45	0.001754	97,191	170	97,106	3,650,575	37.56
46	0.003516	94,377	332	94,211	3,089,804	32.74	46	0.001883	97,021	183	96,930	3,553,469	36.63
47	0.003731	94,046	351	93,870	2,995,592	31.85	47	0.002030	96,838	197	96,740	3,456,539	35.69
48	0.003943	93,695	369	93,510	2,901,722	30.97	48	0.002198	96,642	212	96,536	3,359,799	34.77
49	0.004166	93,325	389	93,131	2,808,212	30.09	49	0.002391	96,429	231	96,314	3,263,264	33.84
50	0.004422	92,936	411	92,731	2,715,082	29.21	50	0.002611	96,199	251	96,073	3,166,950	32.92
51	0.004725	92,525	437	92,307	2,622,351	28.34	51	0.002861	95,948	275	95,810	3,070,876	32.01
52	0.005080	92,088	468	91,854	2,530,044	27.47	52	0.003140	95,673	300	95,523	2,975,066	31.10
53	0.005493	91,620	503	91,369	2,438,190	26.61	53	0.003452	95,373	329	95,208	2,879,543	30.19
54	0.005971	91,117	544	90,845	2,346,821	25.76	54	0.003799	95,043	361	94,863	2,784,335	29.30
55	0.006526	90,573	591	90,278	2,255,976	24.91	55	0.004197	94,682	397	94,484	2,689,472	28.41
56	0.007155	89,982	644	89,660	2,165,698	24.07	56	0.004642	94,285	438	94,066	2,594,989	27.52
57	0.007846	89,338	701	88,988	2,076,038	23.24	57	0.005120	93,847	480	93,607	2,500,922	26.65
58	0.008597	88,637	762	88,256	1,987,050	22.42	58	0.005629	93,367	526	93,104	2,407,315	25.78
59	0.009428	87,875	828	87,461	1,898,794	21.61	59	0.006182	92,841	574	92,554	2,314,211	24.93
60	0.010321	87,047	898	86,598	1,811,333	20.81	60	0.006779	92,267	625	91,955	2,221,657	24.08
61	0.011336	86,148	977	85,660	1,724,735	20.02	61	0.007455	91,642	683	91,300	2,129,703	23.24
62	0.012570	85,172	1,071	84,637	1,639,075	19.24	62	0.008258	90,959	751	90,583	2,038,402	22.41
63	0.014066	84,101	1,183	83,510	1,554,439	18.48	63	0.009213	90,207	831	89,792	1,947,819	21.59
64	0.015774	82,918	1,308	82,264	1,470,929	17.74	64	0.010295	89,376	920	88,916	1,858,027	20.79
65	0.017692	81,610	1,444	80,888	1,388,665	17.02	65	0.011511	88,456	1,018	87,947	1,769,111	20.00
66	0.019674	80,166	1,577	79,378	1,307,776	16.31	66	0.012785	87,438	1,118	86,879	1,681,164	19.23
67	0.021553	78,589	1,694	77,742	1,228,398	15.63	67	0.014027	86,320	1,211	85,715	1,594,285	18.47
68	0.023239	76,895	1,787	76,002	1,150,656	14.96	68	0.015191	85,109	1,293	84,463	1,508,570	17.73
69	0.024853	75,108	1,867	74,175	1,074,654	14.31	69	0.016344	83,816	1,370	83,132	1,424,107	16.99
70	0.026678	73,242	1,954	72,265	1,000,479	13.66	70	0.017650	82,447	1,455	81,719	1,340,976	16.26
71	0.028820	71,288	2,055	70,261	928,214	13.02	71	0.019166	80,991	1,552	80,215	1,259,257	15.55
72	0.031153	69,233	2,157	68,155	857,954	12.39	72	0.020818	79,439	1,654	78,612	1,179,041	14.84
73	0.033703	67,076	2,261	65,946	789,799	11.77	73	0.022617	77,785	1,759	76,906	1,100,429	14.15
74	0.036556	64,816	2,369	63,631	723,853	11.17	74	0.024622	76,026	1,872	75,090	1,023,523	13.46
75	0.039864	62,446	2,489	61,202	660,222	10.57	75	0.026993	74,154	2,002	73,153	948,433	12.79
76	0.043694	59,957	2,620	58,647	599,020	9.99	76	0.029727	72,152	2,145	71,080	875,280	12.13
77	0.048024	57,337	2,754	55,960	540,373	9.42	77	0.032706	70,008	2,290	68,863	804,200	11.49
78	0.052898	54,584	2,887	53,140	484,412	8.87	78	0.035920	67,718	2,432	66,502	735,337	10.86
79	0.058404	51,696	3,019	50,187	431,272	8.34	79	0.039502	65,286	2,579	63,996	668,835	10.24

**Table 6 – Period Life Tables for U. S. Social Security Area by Calendar Year and Sex**

Male							Female						
x	q <sub>x</sub>	l <sub>x</sub>	d <sub>x</sub>	L <sub>x</sub>	T <sub>x</sub>	e <sub>x</sub>	x	q <sub>x</sub>	l <sub>x</sub>	d <sub>x</sub>	L <sub>x</sub>	T <sub>x</sub>	e <sub>x</sub>
<b>Calendar Year 2020</b>													
80	0.064512	48,677	3,140	47,107	381,086	7.83	80	0.043631	62,707	2,736	61,339	604,839	9.65
81	0.071423	45,537	3,252	43,911	333,979	7.33	81	0.048475	59,971	2,907	58,517	543,501	9.06
82	0.079438	42,284	3,359	40,605	290,068	6.86	82	0.054099	57,064	3,087	55,520	484,984	8.50
83	0.088696	38,925	3,453	37,199	249,463	6.41	83	0.060597	53,976	3,271	52,341	429,463	7.96
84	0.099061	35,473	3,514	33,716	212,264	5.98	84	0.067992	50,706	3,448	48,982	377,122	7.44
85	0.110310	31,959	3,525	30,196	178,548	5.59	85	0.076276	47,258	3,605	45,456	328,140	6.94
86	0.122258	28,434	3,476	26,695	148,352	5.22	86	0.085451	43,653	3,730	41,788	282,685	6.48
87	0.134795	24,957	3,364	23,275	121,656	4.87	87	0.095529	39,923	3,814	38,016	240,896	6.03
88	0.147894	21,593	3,194	19,996	98,381	4.56	88	0.106542	36,109	3,847	34,186	202,880	5.62
89	0.161602	18,400	2,973	16,913	78,385	4.26	89	0.118533	32,262	3,824	30,350	168,694	5.23
90	0.175984	15,426	2,715	14,069	61,472	3.98	90	0.131546	28,438	3,741	26,568	138,344	4.86
91	0.191108	12,711	2,429	11,497	47,403	3.73	91	0.145617	24,697	3,596	22,899	111,777	4.53
92	0.207040	10,282	2,129	9,218	35,906	3.49	92	0.160777	21,101	3,393	19,405	88,878	4.21
93	0.223828	8,153	1,825	7,241	26,688	3.27	93	0.177046	17,708	3,135	16,141	69,473	3.92
94	0.241510	6,328	1,528	5,564	19,447	3.07	94	0.194429	14,573	2,833	13,156	53,332	3.66
95	0.259188	4,800	1,244	4,178	13,883	2.89	95	0.212034	11,740	2,489	10,495	40,176	3.42
96	0.276657	3,556	984	3,064	9,705	2.73	96	0.229614	9,250	2,124	8,188	29,681	3.21
97	0.293699	2,572	755	2,194	6,641	2.58	97	0.246897	7,126	1,759	6,247	21,492	3.02
98	0.310087	1,817	563	1,535	4,447	2.45	98	0.263597	5,367	1,415	4,660	15,246	2.84
99	0.325592	1,253	408	1,049	2,912	2.32	99	0.279413	3,952	1,104	3,400	10,586	2.68
100	0.341871	845	289	701	1,862	2.20	100	0.296177	2,848	843	2,426	7,186	2.52
101	0.358965	556	200	456	1,162	2.09	101	0.313948	2,004	629	1,690	4,760	2.37
102	0.376913	357	134	289	705	1.98	102	0.332785	1,375	458	1,146	3,070	2.23
103	0.395759	222	88	178	416	1.87	103	0.352752	918	324	756	1,924	2.10
104	0.415547	134	56	106	237	1.77	104	0.373917	594	222	483	1,168	1.97
105	0.436324	78	34	61	131	1.67	105	0.396352	372	147	298	685	1.84
106	0.458140	44	20	34	70	1.58	106	0.420133	224	94	177	387	1.72
107	0.481047	24	12	18	36	1.49	107	0.445341	130	58	101	210	1.61
108	0.505099	12	6	9	17	1.40	108	0.472061	72	34	55	109	1.50
109	0.530354	6	3	5	8	1.31	109	0.500385	38	19	29	53	1.40
110	0.556872	3	2	2	4	1.23	110	0.530408	19	10	14	25	1.30
111	0.584716	1	1	1	1	1.16	111	0.562233	9	5	6	11	1.21
112	0.613951	1	0	0	1	1.08	112	0.595967	4	2	3	4	1.12
113	0.644649	0	0	0	0	1.01	113	0.631725	2	1	1	2	1.04
114	0.676881	0	0	0	0	0.95	114	0.669628	1	0	0	1	0.96
115	0.710725	0	0	0	0	0.88	115	0.709806	0	0	0	0	0.88
116	0.746262	0	0	0	0	0.82	116	0.746262	0	0	0	0	0.82
117	0.783575	0	0	0	0	0.76	117	0.783575	0	0	0	0	0.76
118	0.822753	0	0	0	0	0.70	118	0.822753	0	0	0	0	0.70
119	0.863891	0	0	0	0	0.65	119	0.863891	0	0	0	0	0.65

**Table 6 – Period Life Tables for U. S. Social Security Area by Calendar Year and Sex**

Male							Female						
x	q <sub>x</sub>	l <sub>x</sub>	d <sub>x</sub>	L <sub>x</sub>	T <sub>x</sub>	e <sub>x</sub>	x	q <sub>x</sub>	l <sub>x</sub>	d <sub>x</sub>	L <sub>x</sub>	T <sub>x</sub>	e <sub>x</sub>
<b>Calendar Year 2030</b>													
0	0.004046	100,000	405	99,646	7,704,717	77.05	0	0.003400	100,000	340	99,701	8,190,907	81.91
1	0.000321	99,595	32	99,579	7,605,071	76.36	1	0.000282	99,660	28	99,646	8,091,206	81.19
2	0.000217	99,563	22	99,553	7,505,491	75.38	2	0.000184	99,632	18	99,623	7,991,560	80.21
3	0.000181	99,542	18	99,533	7,405,939	74.40	3	0.000137	99,614	14	99,607	7,891,938	79.23
4	0.000141	99,524	14	99,517	7,306,406	73.41	4	0.000103	99,600	10	99,595	7,792,331	78.24
5	0.000129	99,510	13	99,503	7,206,889	72.42	5	0.000098	99,590	10	99,585	7,692,736	77.24
6	0.000126	99,497	13	99,491	7,107,385	71.43	6	0.000097	99,580	10	99,575	7,593,151	76.25
7	0.000122	99,484	12	99,478	7,007,895	70.44	7	0.000096	99,570	10	99,565	7,493,576	75.26
8	0.000110	99,472	11	99,467	6,908,416	69.45	8	0.000091	99,561	9	99,556	7,394,011	74.27
9	0.000090	99,461	9	99,457	6,808,949	68.46	9	0.000084	99,552	8	99,547	7,294,455	73.27
10	0.000075	99,452	7	99,449	6,709,492	67.46	10	0.000078	99,543	8	99,539	7,194,907	72.28
11	0.000080	99,445	8	99,441	6,610,044	66.47	11	0.000079	99,535	8	99,532	7,095,368	71.28
12	0.000127	99,437	13	99,431	6,510,603	65.47	12	0.000097	99,528	10	99,523	6,995,836	70.29
13	0.000229	99,424	23	99,413	6,411,172	64.48	13	0.000135	99,518	13	99,511	6,896,313	69.30
14	0.000368	99,402	37	99,383	6,311,759	63.50	14	0.000188	99,505	19	99,495	6,796,802	68.31
15	0.000523	99,365	52	99,339	6,212,376	62.52	15	0.000248	99,486	25	99,473	6,697,307	67.32
16	0.000667	99,313	66	99,280	6,113,037	61.55	16	0.000303	99,461	30	99,446	6,597,833	66.34
17	0.000791	99,247	79	99,208	6,013,757	60.59	17	0.000342	99,431	34	99,414	6,498,387	65.36
18	0.000880	99,168	87	99,125	5,914,549	59.64	18	0.000358	99,397	36	99,379	6,398,973	64.38
19	0.000943	99,081	93	99,034	5,815,425	58.69	19	0.000356	99,361	35	99,344	6,299,594	63.40
20	0.001005	98,988	99	98,938	5,716,390	57.75	20	0.000351	99,326	35	99,309	6,200,251	62.42
21	0.001067	98,888	106	98,835	5,617,452	56.81	21	0.000351	99,291	35	99,274	6,100,942	61.44
22	0.001103	98,783	109	98,728	5,518,617	55.87	22	0.000356	99,256	35	99,239	6,001,668	60.47
23	0.001106	98,674	109	98,619	5,419,889	54.93	23	0.000368	99,221	37	99,203	5,902,430	59.49
24	0.001087	98,564	107	98,511	5,321,270	53.99	24	0.000386	99,184	38	99,165	5,803,227	58.51
25	0.001056	98,457	104	98,405	5,222,759	53.05	25	0.000406	99,146	40	99,126	5,704,062	57.53
26	0.001034	98,353	102	98,303	5,124,353	52.10	26	0.000427	99,106	42	99,085	5,604,936	56.55
27	0.001038	98,252	102	98,201	5,026,051	51.15	27	0.000454	99,064	45	99,041	5,505,851	55.58
28	0.001080	98,150	106	98,097	4,927,850	50.21	28	0.000487	99,019	48	98,995	5,406,810	54.60
29	0.001150	98,044	113	97,987	4,829,754	49.26	29	0.000525	98,970	52	98,944	5,307,815	53.63
30	0.001233	97,931	121	97,871	4,731,766	48.32	30	0.000568	98,918	56	98,890	5,208,871	52.66
31	0.001314	97,810	129	97,746	4,633,896	47.38	31	0.000613	98,862	61	98,832	5,109,980	51.69
32	0.001391	97,682	136	97,614	4,536,150	46.44	32	0.000664	98,802	66	98,769	5,011,148	50.72
33	0.001462	97,546	143	97,474	4,438,536	45.50	33	0.000720	98,736	71	98,701	4,912,379	49.75
34	0.001530	97,403	149	97,329	4,341,062	44.57	34	0.000780	98,665	77	98,627	4,813,679	48.79
35	0.001601	97,254	156	97,176	4,243,733	43.64	35	0.000846	98,588	83	98,546	4,715,052	47.83
36	0.001686	97,098	164	97,017	4,146,557	42.70	36	0.000915	98,505	90	98,460	4,616,506	46.87
37	0.001788	96,935	173	96,848	4,049,540	41.78	37	0.000983	98,414	97	98,366	4,518,046	45.91
38	0.001910	96,761	185	96,669	3,952,692	40.85	38	0.001049	98,318	103	98,266	4,419,680	44.95
39	0.002050	96,577	198	96,478	3,856,023	39.93	39	0.001114	98,215	109	98,160	4,321,414	44.00

**Table 6 – Period Life Tables for U. S. Social Security Area by Calendar Year and Sex**

Male							Female						
x	q <sub>x</sub>	l <sub>x</sub>	d <sub>x</sub>	L <sub>x</sub>	T <sub>x</sub>	e <sub>x</sub>	x	q <sub>x</sub>	l <sub>x</sub>	d <sub>x</sub>	L <sub>x</sub>	T <sub>x</sub>	e <sub>x</sub>
<b>Calendar Year 2030</b>													
40	0.002204	96,379	212	96,272	3,759,546	39.01	40	0.001186	98,105	116	98,047	4,223,254	43.05
41	0.002363	96,166	227	96,053	3,663,273	38.09	41	0.001266	97,989	124	97,927	4,125,207	42.10
42	0.002521	95,939	242	95,818	3,567,221	37.18	42	0.001348	97,865	132	97,799	4,027,280	41.15
43	0.002673	95,697	256	95,569	3,471,403	36.27	43	0.001431	97,733	140	97,663	3,929,481	40.21
44	0.002824	95,441	270	95,307	3,375,834	35.37	44	0.001520	97,593	148	97,519	3,831,818	39.26
45	0.002995	95,172	285	95,029	3,280,527	34.47	45	0.001620	97,445	158	97,366	3,734,300	38.32
46	0.003185	94,887	302	94,736	3,185,498	33.57	46	0.001738	97,287	169	97,202	3,636,934	37.38
47	0.003378	94,585	320	94,425	3,090,762	32.68	47	0.001874	97,118	182	97,027	3,539,732	36.45
48	0.003571	94,265	337	94,097	2,996,337	31.79	48	0.002029	96,936	197	96,837	3,442,705	35.52
49	0.003775	93,928	355	93,751	2,902,241	30.90	49	0.002207	96,739	214	96,632	3,345,868	34.59
50	0.004010	93,574	375	93,386	2,808,490	30.01	50	0.002411	96,526	233	96,409	3,249,235	33.66
51	0.004289	93,199	400	92,999	2,715,103	29.13	51	0.002641	96,293	254	96,166	3,152,826	32.74
52	0.004614	92,799	428	92,585	2,622,105	28.26	52	0.002899	96,038	278	95,899	3,056,660	31.83
53	0.004993	92,371	461	92,140	2,529,520	27.38	53	0.003187	95,760	305	95,607	2,960,761	30.92
54	0.005430	91,909	499	91,660	2,437,380	26.52	54	0.003509	95,455	335	95,287	2,865,154	30.02
55	0.005941	91,410	543	91,139	2,345,720	25.66	55	0.003877	95,120	369	94,936	2,769,866	29.12
56	0.006519	90,867	592	90,571	2,254,581	24.81	56	0.004289	94,751	406	94,548	2,674,931	28.23
57	0.007151	90,275	646	89,952	2,164,010	23.97	57	0.004730	94,345	446	94,122	2,580,383	27.35
58	0.007833	89,629	702	89,278	2,074,057	23.14	58	0.005197	93,899	488	93,655	2,486,261	26.48
59	0.008587	88,927	764	88,546	1,984,779	22.32	59	0.005704	93,411	533	93,144	2,392,606	25.61
60	0.009395	88,164	828	87,750	1,896,233	21.51	60	0.006249	92,878	580	92,588	2,299,462	24.76
61	0.010319	87,335	901	86,885	1,808,484	20.71	61	0.006869	92,297	634	91,980	2,206,875	23.91
62	0.011456	86,434	990	85,939	1,721,599	19.92	62	0.007611	91,663	698	91,315	2,114,895	23.07
63	0.012851	85,444	1,098	84,895	1,635,660	19.14	63	0.008499	90,966	773	90,579	2,023,580	22.25
64	0.014452	84,346	1,219	83,737	1,550,765	18.39	64	0.009509	90,193	858	89,764	1,933,001	21.43
65	0.016249	83,127	1,351	82,452	1,467,028	17.65	65	0.010644	89,335	951	88,859	1,843,237	20.63
66	0.018102	81,776	1,480	81,036	1,384,577	16.93	66	0.011829	88,384	1,045	87,861	1,754,378	19.85
67	0.019851	80,296	1,594	79,499	1,303,541	16.23	67	0.012982	87,339	1,134	86,772	1,666,517	19.08
68	0.021412	78,702	1,685	77,859	1,224,042	15.55	68	0.014058	86,205	1,212	85,599	1,579,745	18.33
69	0.022896	77,017	1,763	76,135	1,146,182	14.88	69	0.015121	84,993	1,285	84,350	1,494,146	17.58
70	0.024572	75,253	1,849	74,329	1,070,047	14.22	70	0.016320	83,708	1,366	83,025	1,409,796	16.84
71	0.026540	73,404	1,948	72,430	995,718	13.56	71	0.017711	82,342	1,458	81,612	1,326,771	16.11
72	0.028680	71,456	2,049	70,432	923,288	12.92	72	0.019225	80,883	1,555	80,106	1,245,159	15.39
73	0.031017	69,407	2,153	68,330	852,856	12.29	73	0.020874	79,328	1,656	78,500	1,165,053	14.69
74	0.033630	67,254	2,262	66,123	784,526	11.67	74	0.022710	77,672	1,764	76,790	1,086,553	13.99
75	0.036692	64,992	2,385	63,800	718,403	11.05	75	0.024908	75,908	1,891	74,963	1,009,763	13.30
76	0.040240	62,608	2,519	61,348	654,603	10.46	76	0.027441	74,018	2,031	73,002	934,799	12.63
77	0.044197	60,088	2,656	58,760	593,255	9.87	77	0.030143	71,987	2,170	70,902	861,797	11.97
78	0.048584	57,433	2,790	56,037	534,494	9.31	78	0.032988	69,817	2,303	68,665	790,896	11.33
79	0.053524	54,642	2,925	53,180	478,457	8.76	79	0.036135	67,514	2,440	66,294	722,231	10.70

**Table 6 – Period Life Tables for U. S. Social Security Area by Calendar Year and Sex**

Male							Female						
x	q <sub>x</sub>	l <sub>x</sub>	d <sub>x</sub>	L <sub>x</sub>	T <sub>x</sub>	e <sub>x</sub>	x	q <sub>x</sub>	l <sub>x</sub>	d <sub>x</sub>	L <sub>x</sub>	T <sub>x</sub>	e <sub>x</sub>
<b>Calendar Year 2030</b>													
80	0.058982	51,718	3,050	50,192	425,277	8.22	80	0.039751	65,074	2,587	63,781	655,937	10.08
81	0.065253	48,667	3,176	47,079	375,085	7.71	81	0.044083	62,487	2,755	61,110	592,156	9.48
82	0.072755	45,491	3,310	43,837	328,005	7.21	82	0.049312	59,733	2,946	58,260	531,046	8.89
83	0.081683	42,182	3,446	40,459	284,169	6.74	83	0.055583	56,787	3,156	55,209	472,787	8.33
84	0.091824	38,736	3,557	36,958	243,710	6.29	84	0.062842	53,631	3,370	51,946	417,578	7.79
85	0.102836	35,179	3,618	33,370	206,752	5.88	85	0.070969	50,260	3,567	48,477	365,632	7.27
86	0.114433	31,562	3,612	29,756	173,381	5.49	86	0.079867	46,693	3,729	44,829	317,155	6.79
87	0.126448	27,950	3,534	26,183	143,626	5.14	87	0.089493	42,964	3,845	41,042	272,326	6.34
88	0.138839	24,416	3,390	22,721	117,443	4.81	88	0.099861	39,119	3,906	37,166	231,285	5.91
89	0.151679	21,026	3,189	19,431	94,722	4.51	89	0.111036	35,213	3,910	33,258	194,119	5.51
90	0.165067	17,837	2,944	16,365	75,291	4.22	90	0.123094	31,303	3,853	29,376	160,861	5.14
91	0.179118	14,892	2,668	13,559	58,926	3.96	91	0.136115	27,450	3,736	25,581	131,485	4.79
92	0.193940	12,225	2,371	11,039	45,367	3.71	92	0.150170	23,713	3,561	21,933	105,903	4.47
93	0.209623	9,854	2,066	8,821	34,328	3.48	93	0.165317	20,152	3,332	18,487	83,970	4.17
94	0.226244	7,788	1,762	6,907	25,507	3.27	94	0.181602	16,821	3,055	15,293	65,484	3.89
95	0.242858	6,026	1,464	5,295	18,599	3.09	95	0.198093	13,766	2,727	12,403	50,190	3.65
96	0.259268	4,563	1,183	3,971	13,305	2.92	96	0.214555	11,039	2,369	9,855	37,788	3.42
97	0.275269	3,380	930	2,915	9,334	2.76	97	0.230733	8,671	2,001	7,670	27,933	3.22
98	0.290645	2,449	712	2,093	6,419	2.62	98	0.246354	6,670	1,643	5,848	20,263	3.04
99	0.305178	1,738	530	1,472	4,326	2.49	99	0.261135	5,027	1,313	4,370	14,414	2.87
100	0.320437	1,207	387	1,014	2,853	2.36	100	0.276803	3,714	1,028	3,200	10,044	2.70
101	0.336458	820	276	682	1,839	2.24	101	0.293412	2,686	788	2,292	6,843	2.55
102	0.353281	544	192	448	1,157	2.13	102	0.311016	1,898	590	1,603	4,551	2.40
103	0.370945	352	131	287	709	2.01	103	0.329677	1,308	431	1,092	2,949	2.25
104	0.389493	221	86	178	422	1.90	104	0.349458	877	306	723	1,857	2.12
105	0.408967	135	55	108	244	1.80	105	0.370425	570	211	465	1,133	1.99
106	0.429415	80	34	63	136	1.70	106	0.392651	359	141	289	669	1.86
107	0.450886	46	21	35	73	1.61	107	0.416210	218	91	173	380	1.74
108	0.473431	25	12	19	38	1.51	108	0.441182	127	56	99	207	1.63
109	0.497102	13	7	10	19	1.43	109	0.467653	71	33	54	108	1.52
110	0.521957	7	3	5	9	1.34	110	0.495712	38	19	28	54	1.42
111	0.548055	3	2	2	4	1.26	111	0.525455	19	10	14	25	1.32
112	0.575458	1	1	1	2	1.18	112	0.556982	9	5	7	11	1.22
113	0.604231	1	0	0	1	1.11	113	0.590401	4	2	3	5	1.14
114	0.634442	0	0	0	0	1.04	114	0.625825	2	1	1	2	1.05
115	0.666164	0	0	0	0	0.97	115	0.663375	1	0	0	1	0.97
116	0.699472	0	0	0	0	0.90	116	0.699472	0	0	0	0	0.90
117	0.734446	0	0	0	0	0.84	117	0.734446	0	0	0	0	0.84
118	0.771168	0	0	0	0	0.78	118	0.771168	0	0	0	0	0.78
119	0.809726	0	0	0	0	0.72	119	0.809726	0	0	0	0	0.72

**Table 6 – Period Life Tables for U. S. Social Security Area by Calendar Year and Sex**

Male							Female						
x	q <sub>x</sub>	l <sub>x</sub>	d <sub>x</sub>	L <sub>x</sub>	T <sub>x</sub>	e <sub>x</sub>	x	q <sub>x</sub>	l <sub>x</sub>	d <sub>x</sub>	L <sub>x</sub>	T <sub>x</sub>	e <sub>x</sub>
<b>Calendar Year 2040</b>													
0	0.003405	100,000	341	99,702	7,803,494	78.03	0	0.002860	100,000	286	99,748	8,274,830	82.75
1	0.000282	99,660	28	99,645	7,703,792	77.30	1	0.000246	99,714	25	99,702	8,175,082	81.99
2	0.000190	99,631	19	99,622	7,604,146	76.32	2	0.000160	99,689	16	99,681	8,075,380	81.01
3	0.000158	99,612	16	99,605	7,504,524	75.34	3	0.000120	99,674	12	99,668	7,975,699	80.02
4	0.000123	99,597	12	99,591	7,404,920	74.35	4	0.000090	99,662	9	99,657	7,876,031	79.03
5	0.000113	99,584	11	99,579	7,305,329	73.36	5	0.000085	99,653	8	99,648	7,776,374	78.03
6	0.000110	99,573	11	99,568	7,205,750	72.37	6	0.000085	99,644	8	99,640	7,676,726	77.04
7	0.000107	99,562	11	99,557	7,106,182	71.37	7	0.000084	99,636	8	99,631	7,577,086	76.05
8	0.000095	99,552	9	99,547	7,006,625	70.38	8	0.000079	99,627	8	99,623	7,477,454	75.05
9	0.000077	99,542	8	99,538	6,907,078	69.39	9	0.000072	99,619	7	99,616	7,377,831	74.06
10	0.000062	99,534	6	99,531	6,807,540	68.39	10	0.000066	99,612	7	99,609	7,278,215	73.07
11	0.000066	99,528	7	99,525	6,708,008	67.40	11	0.000067	99,606	7	99,602	7,178,606	72.07
12	0.000110	99,522	11	99,516	6,608,483	66.40	12	0.000084	99,599	8	99,595	7,079,003	71.08
13	0.000205	99,511	20	99,501	6,508,967	65.41	13	0.000120	99,591	12	99,585	6,979,408	70.08
14	0.000335	99,490	33	99,474	6,409,466	64.42	14	0.000170	99,579	17	99,570	6,879,824	69.09
15	0.000480	99,457	48	99,433	6,309,993	63.44	15	0.000228	99,562	23	99,550	6,780,254	68.10
16	0.000614	99,409	61	99,379	6,210,560	62.47	16	0.000280	99,539	28	99,525	6,680,703	67.12
17	0.000729	99,348	72	99,312	6,111,181	61.51	17	0.000317	99,511	32	99,495	6,581,178	66.14
18	0.000812	99,276	81	99,236	6,011,869	60.56	18	0.000332	99,480	33	99,463	6,481,683	65.16
19	0.000869	99,195	86	99,152	5,912,633	59.61	19	0.000330	99,447	33	99,430	6,382,220	64.18
20	0.000927	99,109	92	99,063	5,813,481	58.66	20	0.000325	99,414	32	99,398	6,282,790	63.20
21	0.000984	99,017	97	98,968	5,714,418	57.71	21	0.000326	99,381	32	99,365	6,183,392	62.22
22	0.001017	98,920	101	98,869	5,615,450	56.77	22	0.000330	99,349	33	99,333	6,084,027	61.24
23	0.001019	98,819	101	98,769	5,516,580	55.83	23	0.000341	99,316	34	99,299	5,984,694	60.26
24	0.001001	98,718	99	98,669	5,417,811	54.88	24	0.000358	99,282	36	99,265	5,885,395	59.28
25	0.000972	98,620	96	98,572	5,319,142	53.94	25	0.000377	99,247	37	99,228	5,786,130	58.30
26	0.000952	98,524	94	98,477	5,220,571	52.99	26	0.000396	99,209	39	99,190	5,686,902	57.32
27	0.000955	98,430	94	98,383	5,122,094	52.04	27	0.000421	99,170	42	99,149	5,587,712	56.34
28	0.000993	98,336	98	98,287	5,023,711	51.09	28	0.000451	99,128	45	99,106	5,488,563	55.37
29	0.001057	98,238	104	98,186	4,925,424	50.14	29	0.000487	99,084	48	99,060	5,389,457	54.39
30	0.001133	98,135	111	98,079	4,827,237	49.19	30	0.000526	99,035	52	99,009	5,290,397	53.42
31	0.001207	98,023	118	97,964	4,729,158	48.25	31	0.000569	98,983	56	98,955	5,191,388	52.45
32	0.001277	97,905	125	97,842	4,631,194	47.30	32	0.000616	98,927	61	98,897	5,092,433	51.48
33	0.001341	97,780	131	97,714	4,533,352	46.36	33	0.000667	98,866	66	98,833	4,993,536	50.51
34	0.001403	97,649	137	97,580	4,435,637	45.42	34	0.000723	98,800	71	98,764	4,894,703	49.54
35	0.001467	97,512	143	97,440	4,338,057	44.49	35	0.000784	98,729	77	98,690	4,795,939	48.58
36	0.001544	97,369	150	97,294	4,240,616	43.55	36	0.000848	98,651	84	98,610	4,697,249	47.61
37	0.001636	97,218	159	97,139	4,143,323	42.62	37	0.000911	98,568	90	98,523	4,598,639	46.65
38	0.001747	97,059	170	96,975	4,046,184	41.69	38	0.000971	98,478	96	98,430	4,500,116	45.70
39	0.001875	96,890	182	96,799	3,949,209	40.76	39	0.001032	98,382	102	98,331	4,401,686	44.74

**Table 6 – Period Life Tables for U. S. Social Security Area by Calendar Year and Sex**

Male							Female						
x	q <sub>x</sub>	l <sub>x</sub>	d <sub>x</sub>	L <sub>x</sub>	T <sub>x</sub>	e <sub>x</sub>	x	q <sub>x</sub>	l <sub>x</sub>	d <sub>x</sub>	L <sub>x</sub>	T <sub>x</sub>	e <sub>x</sub>
<b>Calendar Year 2040</b>													
40	0.002015	96,708	195	96,611	3,852,410	39.84	40	0.001099	98,281	108	98,227	4,303,355	43.79
41	0.002159	96,513	208	96,409	3,755,799	38.91	41	0.001173	98,173	115	98,115	4,205,128	42.83
42	0.002302	96,305	222	96,194	3,659,390	38.00	42	0.001250	98,058	123	97,996	4,107,013	41.88
43	0.002437	96,083	234	95,966	3,563,196	37.08	43	0.001326	97,935	130	97,870	4,009,017	40.94
44	0.002572	95,849	247	95,726	3,467,230	36.17	44	0.001408	97,805	138	97,736	3,911,147	39.99
45	0.002724	95,603	260	95,472	3,371,504	35.27	45	0.001501	97,667	147	97,594	3,813,410	39.04
46	0.002894	95,342	276	95,204	3,276,032	34.36	46	0.001611	97,521	157	97,442	3,715,816	38.10
47	0.003069	95,066	292	94,920	3,180,827	33.46	47	0.001736	97,364	169	97,279	3,618,374	37.16
48	0.003245	94,774	308	94,621	3,085,907	32.56	48	0.001880	97,195	183	97,103	3,521,095	36.23
49	0.003434	94,467	324	94,305	2,991,286	31.66	49	0.002045	97,012	198	96,913	3,423,992	35.29
50	0.003651	94,143	344	93,971	2,896,982	30.77	50	0.002234	96,814	216	96,705	3,327,079	34.37
51	0.003909	93,799	367	93,615	2,803,011	29.88	51	0.002447	96,597	236	96,479	3,230,373	33.44
52	0.004208	93,432	393	93,236	2,709,395	29.00	52	0.002687	96,361	259	96,231	3,133,894	32.52
53	0.004557	93,039	424	92,827	2,616,160	28.12	53	0.002955	96,102	284	95,960	3,037,663	31.61
54	0.004960	92,615	459	92,385	2,523,333	27.25	54	0.003253	95,818	312	95,662	2,941,703	30.70
55	0.005431	92,156	500	91,905	2,430,948	26.38	55	0.003596	95,506	343	95,335	2,846,041	29.80
56	0.005966	91,655	547	91,382	2,339,042	25.52	56	0.003980	95,163	379	94,973	2,750,706	28.91
57	0.006546	91,108	596	90,810	2,247,660	24.67	57	0.004388	94,784	416	94,576	2,655,733	28.02
58	0.007169	90,512	649	90,188	2,156,850	23.83	58	0.004818	94,368	455	94,141	2,561,156	27.14
59	0.007856	89,863	706	89,510	2,066,663	23.00	59	0.005284	93,914	496	93,665	2,467,016	26.27
60	0.008589	89,157	766	88,774	1,977,152	22.18	60	0.005784	93,417	540	93,147	2,373,350	25.41
61	0.009434	88,391	834	87,974	1,888,378	21.36	61	0.006355	92,877	590	92,582	2,280,203	24.55
62	0.010486	87,557	918	87,098	1,800,404	20.56	62	0.007043	92,287	650	91,962	2,187,621	23.70
63	0.011790	86,639	1,021	86,129	1,713,305	19.78	63	0.007872	91,637	721	91,276	2,095,659	22.87
64	0.013295	85,618	1,138	85,049	1,627,177	19.01	64	0.008817	90,915	802	90,515	2,004,383	22.05
65	0.014985	84,480	1,266	83,847	1,542,128	18.25	65	0.009879	90,114	890	89,669	1,913,869	21.24
66	0.016722	83,214	1,391	82,518	1,458,281	17.52	66	0.010986	89,224	980	88,733	1,824,200	20.45
67	0.018357	81,822	1,502	81,071	1,375,764	16.81	67	0.012060	88,243	1,064	87,711	1,735,467	19.67
68	0.019809	80,320	1,591	79,525	1,294,692	16.12	68	0.013060	87,179	1,139	86,610	1,647,755	18.90
69	0.021182	78,729	1,668	77,895	1,215,168	15.43	69	0.014044	86,041	1,208	85,436	1,561,145	18.14
70	0.022729	77,061	1,752	76,186	1,137,273	14.76	70	0.015152	84,832	1,285	84,190	1,475,709	17.40
71	0.024546	75,310	1,849	74,386	1,061,087	14.09	71	0.016436	83,547	1,373	82,860	1,391,520	16.66
72	0.026520	73,461	1,948	72,487	986,701	13.43	72	0.017831	82,174	1,465	81,441	1,308,659	15.93
73	0.028673	71,513	2,050	70,488	914,214	12.78	73	0.019351	80,708	1,562	79,928	1,227,218	15.21
74	0.031078	69,463	2,159	68,383	843,726	12.15	74	0.021041	79,147	1,665	78,314	1,147,291	14.50
75	0.033923	67,304	2,283	66,162	775,343	11.52	75	0.023086	77,481	1,789	76,587	1,068,977	13.80
76	0.037222	65,021	2,420	63,811	709,181	10.91	76	0.025440	75,693	1,926	74,730	992,390	13.11
77	0.040856	62,601	2,558	61,322	645,370	10.31	77	0.027908	73,767	2,059	72,738	917,660	12.44
78	0.044830	60,043	2,692	58,697	584,048	9.73	78	0.030448	71,708	2,183	70,617	844,922	11.78
79	0.049291	57,351	2,827	55,938	525,351	9.16	79	0.033237	69,525	2,311	68,369	774,306	11.14

**Table 6 – Period Life Tables for U. S. Social Security Area by Calendar Year and Sex**

Male							Female						
x	q <sub>x</sub>	l <sub>x</sub>	d <sub>x</sub>	L <sub>x</sub>	T <sub>x</sub>	e <sub>x</sub>	x	q <sub>x</sub>	l <sub>x</sub>	d <sub>x</sub>	L <sub>x</sub>	T <sub>x</sub>	e <sub>x</sub>
<b>Calendar Year 2040</b>													
80	0.054198	54,524	2,955	53,047	469,413	8.61	80	0.036429	67,214	2,449	65,990	705,936	10.50
81	0.059918	51,569	3,090	50,024	416,367	8.07	81	0.040334	64,766	2,612	63,459	639,947	9.88
82	0.066953	48,479	3,246	46,856	366,343	7.56	82	0.045211	62,153	2,810	60,748	576,487	9.28
83	0.075541	45,233	3,417	43,525	319,486	7.06	83	0.051244	59,343	3,041	57,823	515,739	8.69
84	0.085413	41,816	3,572	40,031	275,961	6.60	84	0.058324	56,302	3,284	54,660	457,916	8.13
85	0.096136	38,245	3,677	36,406	235,931	6.17	85	0.066247	53,019	3,512	51,262	403,256	7.61
86	0.107351	34,568	3,711	32,713	199,524	5.77	86	0.074842	49,506	3,705	47,654	351,993	7.11
87	0.118848	30,857	3,667	29,024	166,812	5.41	87	0.084024	45,801	3,848	43,877	304,340	6.64
88	0.130574	27,190	3,550	25,415	137,788	5.07	88	0.093791	41,953	3,935	39,985	260,463	6.21
89	0.142619	23,640	3,371	21,954	112,373	4.75	89	0.104226	38,018	3,962	36,037	220,478	5.80
90	0.155109	20,268	3,144	18,696	90,419	4.46	90	0.115429	34,055	3,931	32,090	184,441	5.42
91	0.168191	17,124	2,880	15,684	71,723	4.19	91	0.127509	30,124	3,841	28,204	152,351	5.06
92	0.182007	14,244	2,593	12,948	56,039	3.93	92	0.140569	26,283	3,695	24,436	124,147	4.72
93	0.196679	11,652	2,292	10,506	43,091	3.70	93	0.154696	22,589	3,494	20,842	99,711	4.41
94	0.212314	9,360	1,987	8,366	32,585	3.48	94	0.169964	19,094	3,245	17,472	78,870	4.13
95	0.227939	7,373	1,681	6,532	24,219	3.28	95	0.185423	15,849	2,939	14,380	61,398	3.87
96	0.243370	5,692	1,385	5,000	17,686	3.11	96	0.200854	12,910	2,593	11,614	47,018	3.64
97	0.258410	4,307	1,113	3,750	12,687	2.95	97	0.216014	10,317	2,229	9,203	35,405	3.43
98	0.272855	3,194	871	2,758	8,936	2.80	98	0.230647	8,088	1,866	7,156	26,202	3.24
99	0.286498	2,322	665	1,990	6,178	2.66	99	0.244486	6,223	1,521	5,462	19,046	3.06
100	0.300823	1,657	498	1,408	4,188	2.53	100	0.259155	4,701	1,218	4,092	13,584	2.89
101	0.315864	1,159	366	976	2,781	2.40	101	0.274704	3,483	957	3,005	9,492	2.73
102	0.331657	793	263	661	1,805	2.28	102	0.291186	2,526	736	2,158	6,487	2.57
103	0.348240	530	184	438	1,144	2.16	103	0.308658	1,791	553	1,514	4,329	2.42
104	0.365652	345	126	282	706	2.05	104	0.327177	1,238	405	1,035	2,814	2.27
105	0.383934	219	84	177	424	1.94	105	0.346808	833	289	688	1,779	2.14
106	0.403131	135	54	108	247	1.83	106	0.367616	544	200	444	1,090	2.00
107	0.423287	81	34	63	139	1.73	107	0.389673	344	134	277	646	1.88
108	0.444452	46	21	36	76	1.63	108	0.413053	210	87	167	369	1.76
109	0.466674	26	12	20	40	1.54	109	0.437836	123	54	96	203	1.64
110	0.490008	14	7	10	20	1.45	110	0.464107	69	32	53	106	1.53
111	0.514508	7	4	5	10	1.37	111	0.491953	37	18	28	53	1.43
112	0.540234	3	2	2	4	1.28	112	0.521470	19	10	14	25	1.33
113	0.567246	2	1	1	2	1.21	113	0.552758	9	5	7	11	1.24
114	0.595608	1	0	0	1	1.13	114	0.585924	4	2	3	5	1.15
115	0.625388	0	0	0	0	1.06	115	0.621079	2	1	1	2	1.06
116	0.656658	0	0	0	0	0.99	116	0.656658	1	0	0	1	0.99
117	0.689490	0	0	0	0	0.92	117	0.689490	0	0	0	0	0.92
118	0.723965	0	0	0	0	0.86	118	0.723965	0	0	0	0	0.86
119	0.760163	0	0	0	0	0.80	119	0.760163	0	0	0	0	0.80



**Table 6 – Period Life Tables for U. S. Social Security Area by Calendar Year and Sex**

Male							Female						
x	q <sub>x</sub>	l <sub>x</sub>	d <sub>x</sub>	L <sub>x</sub>	T <sub>x</sub>	e <sub>x</sub>	x	q <sub>x</sub>	l <sub>x</sub>	d <sub>x</sub>	L <sub>x</sub>	T <sub>x</sub>	e <sub>x</sub>
<b>Calendar Year 2050</b>													
0	0.002867	100,000	287	99,749	7,896,340	78.96	0	0.002409	100,000	241	99,788	8,353,660	83.54
1	0.000248	99,713	25	99,701	7,796,590	78.19	1	0.000216	99,759	22	99,748	8,253,872	82.74
2	0.000167	99,689	17	99,680	7,696,889	77.21	2	0.000141	99,738	14	99,731	8,154,123	81.76
3	0.000139	99,672	14	99,665	7,597,209	76.22	3	0.000105	99,723	10	99,718	8,054,393	80.77
4	0.000108	99,658	11	99,653	7,497,544	75.23	4	0.000079	99,713	8	99,709	7,954,674	79.78
5	0.000099	99,647	10	99,642	7,397,891	74.24	5	0.000075	99,705	7	99,701	7,854,965	78.78
6	0.000098	99,637	10	99,633	7,298,249	73.25	6	0.000074	99,698	7	99,694	7,755,264	77.79
7	0.000094	99,628	9	99,623	7,198,616	72.26	7	0.000073	99,690	7	99,687	7,655,570	76.79
8	0.000083	99,618	8	99,614	7,098,993	71.26	8	0.000069	99,683	7	99,680	7,555,883	75.80
9	0.000066	99,610	7	99,607	6,999,379	70.27	9	0.000062	99,676	6	99,673	7,456,204	74.80
10	0.000052	99,603	5	99,601	6,899,773	69.27	10	0.000056	99,670	6	99,667	7,356,531	73.81
11	0.000055	99,598	5	99,596	6,800,172	68.28	11	0.000057	99,664	6	99,662	7,256,864	72.81
12	0.000096	99,593	10	99,588	6,700,576	67.28	12	0.000073	99,659	7	99,655	7,157,202	71.82
13	0.000184	99,583	18	99,574	6,600,988	66.29	13	0.000107	99,651	11	99,646	7,057,547	70.82
14	0.000306	99,565	30	99,550	6,501,414	65.30	14	0.000154	99,641	15	99,633	6,957,901	69.83
15	0.000440	99,534	44	99,513	6,401,865	64.32	15	0.000209	99,625	21	99,615	6,858,268	68.84
16	0.000566	99,491	56	99,463	6,302,352	63.35	16	0.000258	99,605	26	99,592	6,758,653	67.85
17	0.000672	99,434	67	99,401	6,202,890	62.38	17	0.000293	99,579	29	99,564	6,659,062	66.87
18	0.000749	99,368	74	99,330	6,103,489	61.42	18	0.000307	99,550	31	99,534	6,559,497	65.89
19	0.000802	99,293	80	99,253	6,004,158	60.47	19	0.000306	99,519	30	99,504	6,459,963	64.91
20	0.000854	99,213	85	99,171	5,904,905	59.52	20	0.000301	99,489	30	99,474	6,360,459	63.93
21	0.000907	99,129	90	99,084	5,805,734	58.57	21	0.000302	99,459	30	99,444	6,260,985	62.95
22	0.000936	99,039	93	98,992	5,706,650	57.62	22	0.000306	99,429	30	99,414	6,161,542	61.97
23	0.000938	98,946	93	98,900	5,607,657	56.67	23	0.000316	99,398	31	99,383	6,062,128	60.99
24	0.000922	98,853	91	98,808	5,508,758	55.73	24	0.000332	99,367	33	99,350	5,962,746	60.01
25	0.000895	98,762	88	98,718	5,409,950	54.78	25	0.000349	99,334	35	99,317	5,863,395	59.03
26	0.000876	98,674	86	98,631	5,311,232	53.83	26	0.000367	99,299	36	99,281	5,764,079	58.05
27	0.000879	98,587	87	98,544	5,212,602	52.87	27	0.000390	99,263	39	99,243	5,664,798	57.07
28	0.000913	98,501	90	98,456	5,114,058	51.92	28	0.000419	99,224	42	99,203	5,565,554	56.09
29	0.000973	98,411	96	98,363	5,015,602	50.97	29	0.000452	99,183	45	99,160	5,466,351	55.11
30	0.001043	98,315	103	98,264	4,917,239	50.02	30	0.000489	99,138	48	99,113	5,367,191	54.14
31	0.001110	98,212	109	98,158	4,818,976	49.07	31	0.000529	99,089	52	99,063	5,268,077	53.16
32	0.001175	98,103	115	98,046	4,720,818	48.12	32	0.000572	99,037	57	99,008	5,169,014	52.19
33	0.001233	97,988	121	97,928	4,622,772	47.18	33	0.000620	98,980	61	98,949	5,070,006	51.22
34	0.001288	97,867	126	97,804	4,524,844	46.23	34	0.000672	98,919	66	98,886	4,971,056	50.25
35	0.001347	97,741	132	97,675	4,427,039	45.29	35	0.000728	98,852	72	98,816	4,872,171	49.29
36	0.001416	97,610	138	97,541	4,329,364	44.35	36	0.000787	98,780	78	98,741	4,773,354	48.32
37	0.001500	97,471	146	97,398	4,231,823	43.42	37	0.000846	98,703	84	98,661	4,674,613	47.36
38	0.001601	97,325	156	97,247	4,134,425	42.48	38	0.000902	98,619	89	98,575	4,575,952	46.40
39	0.001718	97,169	167	97,086	4,037,177	41.55	39	0.000958	98,530	94	98,483	4,477,377	45.44

**Table 6 – Period Life Tables for U. S. Social Security Area by Calendar Year and Sex**

Male							Female						
x	q <sub>x</sub>	l <sub>x</sub>	d <sub>x</sub>	L <sub>x</sub>	T <sub>x</sub>	e <sub>x</sub>	x	q <sub>x</sub>	l <sub>x</sub>	d <sub>x</sub>	L <sub>x</sub>	T <sub>x</sub>	e <sub>x</sub>
<b>Calendar Year 2050</b>													
40	0.001846	97,002	179	96,913	3,940,091	40.62	40	0.001020	98,436	100	98,386	4,378,894	44.48
41	0.001978	96,823	192	96,728	3,843,178	39.69	41	0.001090	98,335	107	98,282	4,280,509	43.53
42	0.002108	96,632	204	96,530	3,746,451	38.77	42	0.001160	98,228	114	98,171	4,182,227	42.58
43	0.002230	96,428	215	96,321	3,649,921	37.85	43	0.001232	98,114	121	98,054	4,084,056	41.63
44	0.002350	96,213	226	96,100	3,553,600	36.93	44	0.001308	97,993	128	97,929	3,986,002	40.68
45	0.002486	95,987	239	95,868	3,457,500	36.02	45	0.001394	97,865	136	97,797	3,888,073	39.73
46	0.002640	95,748	253	95,622	3,361,632	35.11	46	0.001496	97,729	146	97,656	3,790,276	38.78
47	0.002799	95,496	267	95,362	3,266,010	34.20	47	0.001613	97,583	157	97,504	3,692,620	37.84
48	0.002961	95,228	282	95,087	3,170,648	33.30	48	0.001747	97,425	170	97,340	3,595,116	36.90
49	0.003135	94,946	298	94,798	3,075,561	32.39	49	0.001901	97,255	185	97,162	3,497,776	35.97
50	0.003336	94,649	316	94,491	2,980,763	31.49	50	0.002077	97,070	202	96,969	3,400,614	35.03
51	0.003573	94,333	337	94,164	2,886,273	30.60	51	0.002275	96,868	220	96,758	3,303,645	34.10
52	0.003850	93,996	362	93,815	2,792,108	29.70	52	0.002498	96,648	241	96,527	3,206,886	33.18
53	0.004173	93,634	391	93,439	2,698,293	28.82	53	0.002748	96,407	265	96,274	3,110,359	32.26
54	0.004545	93,243	424	93,031	2,604,854	27.94	54	0.003027	96,142	291	95,996	3,014,085	31.35
55	0.004983	92,820	463	92,588	2,511,823	27.06	55	0.003347	95,851	321	95,690	2,918,089	30.44
56	0.005479	92,357	506	92,104	2,419,235	26.19	56	0.003705	95,530	354	95,353	2,822,398	29.54
57	0.006015	91,851	552	91,575	2,327,131	25.34	57	0.004084	95,176	389	94,982	2,727,045	28.65
58	0.006585	91,298	601	90,998	2,235,556	24.49	58	0.004482	94,787	425	94,575	2,632,064	27.77
59	0.007213	90,697	654	90,370	2,144,558	23.65	59	0.004912	94,362	464	94,131	2,537,489	26.89
60	0.007882	90,043	710	89,688	2,054,188	22.81	60	0.005373	93,899	505	93,647	2,443,358	26.02
61	0.008657	89,333	773	88,947	1,964,499	21.99	61	0.005901	93,394	551	93,119	2,349,712	25.16
62	0.009634	88,560	853	88,133	1,875,553	21.18	62	0.006541	92,843	607	92,540	2,256,593	24.31
63	0.010859	87,707	952	87,231	1,787,419	20.38	63	0.007318	92,236	675	91,898	2,164,053	23.46
64	0.012278	86,754	1,065	86,222	1,700,189	19.60	64	0.008207	91,561	751	91,185	2,072,155	22.63
65	0.013873	85,689	1,189	85,095	1,613,967	18.84	65	0.009204	90,810	836	90,392	1,980,970	21.81
66	0.015507	84,500	1,310	83,845	1,528,872	18.09	66	0.010242	89,974	922	89,513	1,890,578	21.01
67	0.017041	83,190	1,418	82,481	1,445,027	17.37	67	0.011247	89,052	1,002	88,551	1,801,065	20.22
68	0.018396	81,772	1,504	81,020	1,362,546	16.66	68	0.012181	88,051	1,073	87,514	1,712,514	19.45
69	0.019672	80,268	1,579	79,479	1,281,525	15.97	69	0.013097	86,978	1,139	86,409	1,624,999	18.68
70	0.021107	78,689	1,661	77,859	1,202,047	15.28	70	0.014125	85,839	1,212	85,233	1,538,591	17.92
71	0.022792	77,028	1,756	76,150	1,124,188	14.59	71	0.015315	84,626	1,296	83,978	1,453,358	17.17
72	0.024621	75,273	1,853	74,346	1,048,037	13.92	72	0.016609	83,330	1,384	82,638	1,369,380	16.43
73	0.026613	73,419	1,954	72,442	973,691	13.26	73	0.018018	81,946	1,477	81,208	1,286,741	15.70
74	0.028839	71,465	2,061	70,435	901,249	12.61	74	0.019583	80,470	1,576	79,682	1,205,533	14.98
75	0.031493	69,404	2,186	68,312	830,814	11.97	75	0.021494	78,894	1,696	78,046	1,125,851	14.27
76	0.034571	67,219	2,324	66,057	762,502	11.34	76	0.023692	77,198	1,829	76,284	1,047,805	13.57
77	0.037927	64,895	2,461	63,664	696,446	10.73	77	0.025961	75,369	1,957	74,391	971,521	12.89
78	0.041550	62,434	2,594	61,137	632,781	10.14	78	0.028249	73,413	2,074	72,376	897,130	12.22
79	0.045606	59,839	2,729	58,475	571,645	9.55	79	0.030744	71,339	2,193	70,242	824,754	11.56

**Table 6 – Period Life Tables for U. S. Social Security Area by Calendar Year and Sex**

Male							Female						
x	q <sub>x</sub>	l <sub>x</sub>	d <sub>x</sub>	L <sub>x</sub>	T <sub>x</sub>	e <sub>x</sub>	x	q <sub>x</sub>	l <sub>x</sub>	d <sub>x</sub>	L <sub>x</sub>	T <sub>x</sub>	e <sub>x</sub>
<b>Calendar Year 2050</b>													
80	0.050050	57,110	2,858	55,681	513,170	8.99	80	0.033588	69,146	2,322	67,984	754,512	10.91
81	0.055297	54,252	3,000	52,752	457,489	8.43	81	0.037132	66,823	2,481	65,582	686,528	10.27
82	0.061912	51,252	3,173	49,666	404,736	7.90	82	0.041697	64,342	2,683	63,000	620,945	9.65
83	0.070161	48,079	3,373	46,392	355,071	7.39	83	0.047492	61,659	2,928	60,195	557,945	9.05
84	0.079736	44,706	3,565	42,923	308,679	6.90	84	0.054368	58,731	3,193	57,134	497,750	8.48
85	0.090140	41,141	3,708	39,287	265,755	6.46	85	0.062057	55,538	3,446	53,814	440,616	7.93
86	0.100961	37,433	3,779	35,543	226,468	6.05	86	0.070339	52,091	3,664	50,259	386,802	7.43
87	0.111959	33,653	3,768	31,769	190,925	5.67	87	0.079093	48,427	3,830	46,512	336,543	6.95
88	0.123071	29,886	3,678	28,047	159,156	5.33	88	0.088310	44,597	3,938	42,628	290,031	6.50
89	0.134398	26,208	3,522	24,446	131,109	5.00	89	0.098082	40,658	3,988	38,665	247,403	6.08
90	0.146089	22,685	3,314	21,028	106,663	4.70	90	0.108526	36,671	3,980	34,681	208,738	5.69
91	0.158311	19,371	3,067	17,838	85,635	4.42	91	0.119771	32,691	3,915	30,733	174,058	5.32
92	0.171233	16,305	2,792	14,909	67,797	4.16	92	0.131946	28,775	3,797	26,877	143,324	4.98
93	0.184998	13,513	2,500	12,263	52,888	3.91	93	0.145158	24,979	3,626	23,166	116,447	4.66
94	0.199736	11,013	2,200	9,913	40,626	3.69	94	0.159503	21,353	3,406	19,650	93,282	4.37
95	0.214463	8,813	1,890	7,868	30,713	3.48	95	0.174027	17,947	3,123	16,385	73,632	4.10
96	0.229004	6,923	1,585	6,130	22,844	3.30	96	0.188523	14,824	2,795	13,426	57,246	3.86
97	0.243171	5,338	1,298	4,689	16,714	3.13	97	0.202762	12,029	2,439	10,810	43,820	3.64
98	0.256772	4,040	1,037	3,521	12,025	2.98	98	0.216502	9,590	2,076	8,552	33,010	3.44
99	0.269611	3,002	809	2,598	8,504	2.83	99	0.229492	7,514	1,724	6,652	24,459	3.26
100	0.283092	2,193	621	1,883	5,907	2.69	100	0.243261	5,789	1,408	5,085	17,807	3.08
101	0.297246	1,572	467	1,338	4,024	2.56	101	0.257857	4,381	1,130	3,816	12,722	2.90
102	0.312108	1,105	345	932	2,686	2.43	102	0.273328	3,251	889	2,807	8,905	2.74
103	0.327714	760	249	635	1,753	2.31	103	0.289728	2,363	685	2,020	6,098	2.58
104	0.344099	511	176	423	1,118	2.19	104	0.307112	1,678	515	1,420	4,078	2.43
105	0.361304	335	121	275	695	2.07	105	0.325538	1,163	379	974	2,657	2.29
106	0.379370	214	81	173	420	1.96	106	0.345071	784	271	649	1,684	2.15
107	0.398338	133	53	106	247	1.86	107	0.365775	514	188	420	1,035	2.02
108	0.418255	80	33	63	140	1.75	108	0.387721	326	126	263	615	1.89
109	0.439168	46	20	36	77	1.66	109	0.410984	199	82	158	353	1.77
110	0.461126	26	12	20	41	1.56	110	0.435643	117	51	92	194	1.65
111	0.484182	14	7	11	21	1.47	111	0.461782	66	31	51	102	1.54
112	0.508392	7	4	5	10	1.39	112	0.489489	36	17	27	51	1.44
113	0.533811	4	2	3	5	1.30	113	0.518858	18	9	13	24	1.34
114	0.560502	2	1	1	2	1.22	114	0.549990	9	5	6	11	1.25
115	0.588527	1	0	1	1	1.15	115	0.582989	4	2	3	5	1.16
116	0.617953	0	0	0	0	1.07	116	0.617953	2	1	1	2	1.07
117	0.648851	0	0	0	0	1.00	117	0.648851	1	0	0	1	1.00
118	0.681293	0	0	0	0	0.94	118	0.681293	0	0	0	0	0.94
119	0.715358	0	0	0	0	0.87	119	0.715358	0	0	0	0	0.87

**Table 6 – Period Life Tables for U. S. Social Security Area by Calendar Year and Sex**

Male							Female						
x	q <sub>x</sub>	l <sub>x</sub>	d <sub>x</sub>	L <sub>x</sub>	T <sub>x</sub>	e <sub>x</sub>	x	q <sub>x</sub>	l <sub>x</sub>	d <sub>x</sub>	L <sub>x</sub>	T <sub>x</sub>	e <sub>x</sub>
<b>Calendar Year 2060</b>													
0	0.002417	100,000	242	99,789	7,983,667	79.84	0	0.002031	100,000	203	99,821	8,427,932	84.28
1	0.000218	99,758	22	99,747	7,883,878	79.03	1	0.000189	99,797	19	99,787	8,328,110	83.45
2	0.000147	99,737	15	99,729	7,784,130	78.05	2	0.000123	99,778	12	99,772	8,228,323	82.47
3	0.000123	99,722	12	99,716	7,684,401	77.06	3	0.000092	99,766	9	99,761	8,128,551	81.48
4	0.000095	99,710	9	99,705	7,584,685	76.07	4	0.000069	99,757	7	99,753	8,028,790	80.48
5	0.000088	99,700	9	99,696	7,484,980	75.07	5	0.000066	99,750	7	99,746	7,929,037	79.49
6	0.000087	99,691	9	99,687	7,385,284	74.08	6	0.000065	99,743	6	99,740	7,829,290	78.49
7	0.000085	99,683	8	99,678	7,285,597	73.09	7	0.000064	99,737	6	99,733	7,729,550	77.50
8	0.000074	99,674	7	99,671	7,185,919	72.09	8	0.000061	99,730	6	99,727	7,629,817	76.50
9	0.000057	99,667	6	99,664	7,086,248	71.10	9	0.000054	99,724	5	99,721	7,530,090	75.51
10	0.000043	99,661	4	99,659	6,986,584	70.10	10	0.000048	99,719	5	99,716	7,430,368	74.51
11	0.000045	99,657	4	99,655	6,886,925	69.11	11	0.000048	99,714	5	99,712	7,330,652	73.52
12	0.000082	99,652	8	99,648	6,787,271	68.11	12	0.000063	99,709	6	99,706	7,230,940	72.52
13	0.000164	99,644	16	99,636	6,687,622	67.11	13	0.000095	99,703	9	99,698	7,131,234	71.52
14	0.000278	99,628	28	99,614	6,587,986	66.13	14	0.000140	99,693	14	99,686	7,031,536	70.53
15	0.000404	99,600	40	99,580	6,488,372	65.14	15	0.000192	99,679	19	99,670	6,931,850	69.54
16	0.000522	99,560	52	99,534	6,388,792	64.17	16	0.000239	99,660	24	99,648	6,832,180	68.55
17	0.000621	99,508	62	99,477	6,289,258	63.20	17	0.000272	99,637	27	99,623	6,732,531	67.57
18	0.000692	99,446	69	99,412	6,189,781	62.24	18	0.000285	99,609	28	99,595	6,632,908	66.59
19	0.000741	99,377	74	99,341	6,090,369	61.29	19	0.000284	99,581	28	99,567	6,533,313	65.61
20	0.000789	99,304	78	99,265	5,991,029	60.33	20	0.000279	99,553	28	99,539	6,433,746	64.63
21	0.000837	99,225	83	99,184	5,891,764	59.38	21	0.000279	99,525	28	99,511	6,334,207	63.64
22	0.000864	99,142	86	99,099	5,792,580	58.43	22	0.000283	99,497	28	99,483	6,234,696	62.66
23	0.000866	99,057	86	99,014	5,693,481	57.48	23	0.000293	99,469	29	99,454	6,135,213	61.68
24	0.000851	98,971	84	98,929	5,594,467	56.53	24	0.000308	99,440	31	99,425	6,035,759	60.70
25	0.000826	98,887	82	98,846	5,495,538	55.57	25	0.000324	99,409	32	99,393	5,936,334	59.72
26	0.000808	98,805	80	98,765	5,396,692	54.62	26	0.000342	99,377	34	99,360	5,836,941	58.74
27	0.000810	98,725	80	98,685	5,297,927	53.66	27	0.000363	99,343	36	99,325	5,737,581	57.76
28	0.000842	98,645	83	98,604	5,199,242	52.71	28	0.000389	99,307	39	99,288	5,638,256	56.78
29	0.000897	98,562	88	98,518	5,100,638	51.75	29	0.000420	99,268	42	99,248	5,538,969	55.80
30	0.000960	98,474	95	98,426	5,002,120	50.80	30	0.000454	99,227	45	99,204	5,439,721	54.82
31	0.001022	98,379	101	98,329	4,903,694	49.84	31	0.000491	99,182	49	99,157	5,340,517	53.85
32	0.001081	98,279	106	98,225	4,805,365	48.90	32	0.000531	99,133	53	99,107	5,241,360	52.87
33	0.001134	98,172	111	98,117	4,707,139	47.95	33	0.000576	99,080	57	99,052	5,142,253	51.90
34	0.001185	98,061	116	98,003	4,609,023	47.00	34	0.000624	99,023	62	98,992	5,043,201	50.93
35	0.001238	97,945	121	97,884	4,511,020	46.06	35	0.000677	98,961	67	98,928	4,944,209	49.96
36	0.001301	97,824	127	97,760	4,413,136	45.11	36	0.000732	98,894	72	98,858	4,845,281	48.99
37	0.001378	97,696	135	97,629	4,315,376	44.17	37	0.000786	98,822	78	98,783	4,746,422	48.03
38	0.001471	97,562	144	97,490	4,217,747	43.23	38	0.000838	98,744	83	98,703	4,647,639	47.07
39	0.001577	97,418	154	97,341	4,120,257	42.29	39	0.000891	98,662	88	98,618	4,548,936	46.11

**Table 6 – Period Life Tables for U. S. Social Security Area by Calendar Year and Sex**

Male							Female						
x	q <sub>x</sub>	l <sub>x</sub>	d <sub>x</sub>	L <sub>x</sub>	T <sub>x</sub>	e <sub>x</sub>	x	q <sub>x</sub>	l <sub>x</sub>	d <sub>x</sub>	L <sub>x</sub>	T <sub>x</sub>	e <sub>x</sub>
<b>Calendar Year 2060</b>													
40	0.001694	97,265	165	97,182	4,022,916	41.36	40	0.000949	98,574	94	98,527	4,450,319	45.15
41	0.001816	97,100	176	97,012	3,925,733	40.43	41	0.001014	98,480	100	98,430	4,351,792	44.19
42	0.001934	96,923	187	96,830	3,828,722	39.50	42	0.001079	98,380	106	98,327	4,253,361	43.23
43	0.002044	96,736	198	96,637	3,731,892	38.58	43	0.001146	98,274	113	98,218	4,155,034	42.28
44	0.002153	96,538	208	96,434	3,635,255	37.66	44	0.001217	98,162	119	98,102	4,056,816	41.33
45	0.002276	96,330	219	96,221	3,538,821	36.74	45	0.001298	98,042	127	97,978	3,958,714	40.38
46	0.002416	96,111	232	95,995	3,442,600	35.82	46	0.001393	97,915	136	97,847	3,860,736	39.43
47	0.002561	95,879	246	95,756	3,346,605	34.90	47	0.001502	97,778	147	97,705	3,762,889	38.48
48	0.002710	95,633	259	95,504	3,250,849	33.99	48	0.001628	97,632	159	97,552	3,665,184	37.54
49	0.002872	95,374	274	95,237	3,155,345	33.08	49	0.001771	97,473	173	97,386	3,567,632	36.60
50	0.003058	95,100	291	94,955	3,060,108	32.18	50	0.001935	97,300	188	97,206	3,470,246	35.67
51	0.003278	94,810	311	94,654	2,965,153	31.27	51	0.002121	97,112	206	97,009	3,373,040	34.73
52	0.003536	94,499	334	94,332	2,870,499	30.38	52	0.002330	96,906	226	96,793	3,276,031	33.81
53	0.003835	94,165	361	93,984	2,776,167	29.48	53	0.002563	96,680	248	96,556	3,179,238	32.88
54	0.004180	93,803	392	93,607	2,682,183	28.59	54	0.002824	96,432	272	96,296	3,082,682	31.97
55	0.004588	93,411	429	93,197	2,588,575	27.71	55	0.003125	96,160	300	96,010	2,986,386	31.06
56	0.005051	92,983	470	92,748	2,495,378	26.84	56	0.003460	95,859	332	95,694	2,890,377	30.15
57	0.005547	92,513	513	92,257	2,402,630	25.97	57	0.003814	95,528	364	95,346	2,794,683	29.26
58	0.006072	92,000	559	91,721	2,310,374	25.11	58	0.004184	95,163	398	94,964	2,699,338	28.37
59	0.006647	91,441	608	91,137	2,218,653	24.26	59	0.004582	94,765	434	94,548	2,604,373	27.48
60	0.007259	90,834	659	90,504	2,127,516	23.42	60	0.005008	94,331	472	94,095	2,509,825	26.61
61	0.007973	90,174	719	89,815	2,037,012	22.59	61	0.005498	93,859	516	93,601	2,415,731	25.74
62	0.008884	89,455	795	89,058	1,947,197	21.77	62	0.006096	93,343	569	93,058	2,322,130	24.88
63	0.010037	88,660	890	88,216	1,858,139	20.96	63	0.006827	92,774	633	92,457	2,229,072	24.03
64	0.011380	87,771	999	87,271	1,769,924	20.17	64	0.007665	92,140	706	91,787	2,136,615	23.19
65	0.012889	86,772	1,118	86,213	1,682,653	19.39	65	0.008606	91,434	787	91,040	2,044,828	22.36
66	0.014432	85,653	1,236	85,035	1,596,440	18.64	66	0.009582	90,647	869	90,213	1,953,788	21.55
67	0.015877	84,417	1,340	83,747	1,511,405	17.90	67	0.010527	89,778	945	89,306	1,863,575	20.76
68	0.017146	83,077	1,424	82,365	1,427,658	17.18	68	0.011401	88,833	1,013	88,327	1,774,269	19.97
69	0.018335	81,653	1,497	80,904	1,345,293	16.48	69	0.012257	87,821	1,076	87,282	1,685,942	19.20
70	0.019671	80,155	1,577	79,367	1,264,389	15.77	70	0.013216	86,744	1,146	86,171	1,598,660	18.43
71	0.021241	78,579	1,669	77,744	1,185,022	15.08	71	0.014325	85,598	1,226	84,985	1,512,489	17.67
72	0.022942	76,910	1,764	76,027	1,107,278	14.40	72	0.015530	84,372	1,310	83,716	1,427,504	16.92
73	0.024795	75,145	1,863	74,214	1,031,250	13.72	73	0.016842	83,061	1,399	82,362	1,343,788	16.18
74	0.026865	73,282	1,969	72,298	957,037	13.06	74	0.018300	81,662	1,494	80,915	1,261,426	15.45
75	0.029349	71,313	2,093	70,267	884,739	12.41	75	0.020093	80,168	1,611	79,363	1,180,511	14.73
76	0.032232	69,220	2,231	68,105	814,473	11.77	76	0.022155	78,557	1,740	77,687	1,101,149	14.02
77	0.035345	66,989	2,368	65,805	746,368	11.14	77	0.024253	76,817	1,863	75,885	1,023,462	13.32
78	0.038670	64,621	2,499	63,372	680,563	10.53	78	0.026331	74,954	1,974	73,967	947,577	12.64
79	0.042382	62,122	2,633	60,806	617,191	9.94	79	0.028583	72,980	2,086	71,937	873,610	11.97

**Table 6 – Period Life Tables for U. S. Social Security Area by Calendar Year and Sex**

Male							Female						
x	q <sub>x</sub>	l <sub>x</sub>	d <sub>x</sub>	L <sub>x</sub>	T <sub>x</sub>	e <sub>x</sub>	x	q <sub>x</sub>	l <sub>x</sub>	d <sub>x</sub>	L <sub>x</sub>	T <sub>x</sub>	e <sub>x</sub>
<b>Calendar Year 2060</b>													
80	0.046434	59,490	2,762	58,108	556,385	9.35	80	0.031140	70,894	2,208	69,790	801,673	11.31
81	0.051275	56,727	2,909	55,273	498,276	8.78	81	0.034381	68,686	2,362	67,506	731,882	10.66
82	0.057509	53,819	3,095	52,271	443,003	8.23	82	0.038668	66,325	2,565	65,043	664,377	10.02
83	0.065426	50,724	3,319	49,064	390,732	7.70	83	0.044229	63,760	2,820	62,350	599,334	9.40
84	0.074688	47,405	3,541	45,635	341,668	7.21	84	0.050885	60,940	3,101	59,390	536,984	8.81
85	0.084756	43,864	3,718	42,005	296,034	6.75	85	0.058326	57,839	3,374	56,152	477,594	8.26
86	0.095181	40,147	3,821	38,236	254,028	6.33	86	0.066291	54,466	3,611	52,660	421,442	7.74
87	0.105699	36,325	3,840	34,406	215,792	5.94	87	0.074639	50,855	3,796	48,957	368,781	7.25
88	0.116243	32,486	3,776	30,598	181,387	5.58	88	0.083352	47,059	3,922	45,098	319,824	6.80
89	0.126922	28,710	3,644	26,888	150,789	5.25	89	0.092529	43,137	3,991	41,141	274,726	6.37
90	0.137895	25,066	3,456	23,337	123,901	4.94	90	0.102297	39,145	4,004	37,143	233,585	5.97
91	0.149349	21,609	3,227	19,996	100,564	4.65	91	0.112803	35,141	3,964	33,159	196,442	5.59
92	0.161468	18,382	2,968	16,898	80,568	4.38	92	0.124189	31,177	3,872	29,241	163,283	5.24
93	0.174413	15,414	2,688	14,070	63,671	4.13	93	0.136579	27,305	3,729	25,440	134,041	4.91
94	0.188330	12,725	2,397	11,527	49,601	3.90	94	0.150085	23,576	3,538	21,807	108,601	4.61
95	0.202235	10,329	2,089	9,284	38,074	3.69	95	0.163759	20,037	3,281	18,397	86,794	4.33
96	0.215962	8,240	1,780	7,350	28,789	3.49	96	0.177406	16,756	2,973	15,270	68,398	4.08
97	0.229334	6,460	1,482	5,720	21,439	3.32	97	0.190810	13,784	2,630	12,468	53,128	3.85
98	0.242167	4,979	1,206	4,376	15,719	3.16	98	0.203742	11,153	2,272	10,017	40,659	3.65
99	0.254276	3,773	959	3,293	11,343	3.01	99	0.215967	8,881	1,918	7,922	30,642	3.45
100	0.266989	2,814	751	2,438	8,050	2.86	100	0.228925	6,963	1,594	6,166	22,720	3.26
101	0.280339	2,062	578	1,773	5,612	2.72	101	0.242660	5,369	1,303	4,718	16,554	3.08
102	0.294356	1,484	437	1,266	3,838	2.59	102	0.257220	4,066	1,046	3,543	11,836	2.91
103	0.309073	1,047	324	886	2,573	2.46	103	0.272653	3,020	823	2,609	8,293	2.75
104	0.324527	724	235	606	1,687	2.33	104	0.289012	2,197	635	1,879	5,685	2.59
105	0.340753	489	167	406	1,081	2.21	105	0.306353	1,562	478	1,323	3,805	2.44
106	0.357791	322	115	265	675	2.10	106	0.324734	1,083	352	907	2,483	2.29
107	0.375681	207	78	168	411	1.98	107	0.344218	732	252	606	1,575	2.15
108	0.394465	129	51	104	243	1.88	108	0.364871	480	175	392	969	2.02
109	0.414188	78	32	62	139	1.77	109	0.386763	305	118	246	577	1.89
110	0.434897	46	20	36	77	1.68	110	0.409969	187	77	149	331	1.77
111	0.456642	26	12	20	41	1.58	111	0.434567	110	48	86	183	1.66
112	0.479474	14	7	11	21	1.49	112	0.460641	62	29	48	97	1.55
113	0.503448	7	4	5	10	1.40	113	0.488280	34	16	25	49	1.44
114	0.528620	4	2	3	5	1.32	114	0.517577	17	9	13	23	1.34
115	0.555051	2	1	1	2	1.24	115	0.548631	8	5	6	10	1.25
116	0.582804	1	0	1	1	1.16	116	0.581549	4	2	3	4	1.17
117	0.611944	0	0	0	0	1.09	117	0.611944	2	1	1	2	1.09
118	0.642541	0	0	0	0	1.02	118	0.642541	1	0	0	1	1.02
119	0.674668	0	0	0	0	0.95	119	0.674668	0	0	0	0	0.95

**Table 6 – Period Life Tables for U. S. Social Security Area by Calendar Year and Sex**

Male							Female						
x	q <sub>x</sub>	l <sub>x</sub>	d <sub>x</sub>	L <sub>x</sub>	T <sub>x</sub>	e <sub>x</sub>	x	q <sub>x</sub>	l <sub>x</sub>	d <sub>x</sub>	L <sub>x</sub>	T <sub>x</sub>	e <sub>x</sub>
<b>Calendar Year 2070</b>													
0	0.002040	100,000	204	99,822	8,066,085	80.66	0	0.001713	100,000	171	99,849	8,497,946	84.98
1	0.000193	99,796	19	99,786	7,966,263	79.83	1	0.000167	99,829	17	99,820	8,398,096	84.13
2	0.000130	99,777	13	99,770	7,866,477	78.84	2	0.000109	99,812	11	99,807	8,298,276	83.14
3	0.000108	99,764	11	99,758	7,766,706	77.85	3	0.000081	99,801	8	99,797	8,198,469	82.15
4	0.000084	99,753	8	99,749	7,666,948	76.86	4	0.000061	99,793	6	99,790	8,098,672	81.15
5	0.000078	99,745	8	99,741	7,567,199	75.87	5	0.000058	99,787	6	99,784	7,998,882	80.16
6	0.000078	99,737	8	99,733	7,467,458	74.87	6	0.000058	99,781	6	99,778	7,899,098	79.16
7	0.000075	99,729	7	99,725	7,367,725	73.88	7	0.000058	99,775	6	99,773	7,799,320	78.17
8	0.000065	99,722	6	99,718	7,268,000	72.88	8	0.000054	99,770	5	99,767	7,699,547	77.17
9	0.000049	99,715	5	99,713	7,168,281	71.89	9	0.000047	99,764	5	99,762	7,599,780	76.18
10	0.000035	99,710	3	99,708	7,068,569	70.89	10	0.000041	99,760	4	99,757	7,500,018	75.18
11	0.000037	99,707	4	99,705	6,968,860	69.89	11	0.000041	99,755	4	99,753	7,400,261	74.18
12	0.000072	99,703	7	99,699	6,869,155	68.90	12	0.000054	99,751	5	99,749	7,300,507	73.19
13	0.000148	99,696	15	99,688	6,769,456	67.90	13	0.000085	99,746	8	99,742	7,200,759	72.19
14	0.000254	99,681	25	99,668	6,669,767	66.91	14	0.000127	99,737	13	99,731	7,101,017	71.20
15	0.000372	99,656	37	99,637	6,570,099	65.93	15	0.000176	99,725	18	99,716	7,001,286	70.21
16	0.000481	99,619	48	99,595	6,470,462	64.95	16	0.000221	99,707	22	99,696	6,901,570	69.22
17	0.000574	99,571	57	99,542	6,370,867	63.98	17	0.000252	99,685	25	99,673	6,801,874	68.23
18	0.000640	99,514	64	99,482	6,271,325	63.02	18	0.000265	99,660	26	99,647	6,702,201	67.25
19	0.000684	99,450	68	99,416	6,171,843	62.06	19	0.000264	99,634	26	99,621	6,602,554	66.27
20	0.000728	99,382	72	99,346	6,072,427	61.10	20	0.000260	99,607	26	99,594	6,502,934	65.29
21	0.000772	99,310	77	99,271	5,973,082	60.15	21	0.000260	99,582	26	99,569	6,403,339	64.30
22	0.000797	99,233	79	99,193	5,873,811	59.19	22	0.000264	99,556	26	99,542	6,303,771	63.32
23	0.000799	99,154	79	99,114	5,774,617	58.24	23	0.000273	99,529	27	99,516	6,204,228	62.34
24	0.000785	99,075	78	99,036	5,675,503	57.29	24	0.000287	99,502	29	99,488	6,104,713	61.35
25	0.000762	98,997	75	98,959	5,576,468	56.33	25	0.000302	99,474	30	99,459	6,005,225	60.37
26	0.000745	98,921	74	98,885	5,477,509	55.37	26	0.000318	99,444	32	99,428	5,905,766	59.39
27	0.000747	98,848	74	98,811	5,378,624	54.41	27	0.000337	99,412	34	99,395	5,806,338	58.41
28	0.000776	98,774	77	98,736	5,279,813	53.45	28	0.000362	99,378	36	99,360	5,706,943	57.43
29	0.000827	98,697	82	98,656	5,181,078	52.49	29	0.000391	99,342	39	99,323	5,607,583	56.45
30	0.000885	98,616	87	98,572	5,082,421	51.54	30	0.000423	99,304	42	99,283	5,508,260	55.47
31	0.000942	98,528	93	98,482	4,983,849	50.58	31	0.000457	99,262	45	99,239	5,408,977	54.49
32	0.000996	98,435	98	98,386	4,885,367	49.63	32	0.000495	99,216	49	99,192	5,309,738	53.52
33	0.001045	98,337	103	98,286	4,786,981	48.68	33	0.000536	99,167	53	99,141	5,210,547	52.54
34	0.001091	98,235	107	98,181	4,688,695	47.73	34	0.000581	99,114	58	99,085	5,111,406	51.57
35	0.001140	98,128	112	98,072	4,590,514	46.78	35	0.000630	99,056	62	99,025	5,012,321	50.60
36	0.001197	98,016	117	97,957	4,492,442	45.83	36	0.000681	98,994	67	98,960	4,913,296	49.63
37	0.001267	97,898	124	97,836	4,394,485	44.89	37	0.000732	98,927	72	98,890	4,814,336	48.67
38	0.001353	97,774	132	97,708	4,296,649	43.94	38	0.000781	98,854	77	98,816	4,715,445	47.70
39	0.001450	97,642	142	97,571	4,198,941	43.00	39	0.000830	98,777	82	98,736	4,616,630	46.74

**Table 6 – Period Life Tables for U. S. Social Security Area by Calendar Year and Sex**

Male							Female						
x	q <sub>x</sub>	l <sub>x</sub>	d <sub>x</sub>	L <sub>x</sub>	T <sub>x</sub>	e <sub>x</sub>	x	q <sub>x</sub>	l <sub>x</sub>	d <sub>x</sub>	L <sub>x</sub>	T <sub>x</sub>	e <sub>x</sub>
<b>Calendar Year 2070</b>													
40	0.001558	97,500	152	97,424	4,101,370	42.07	40	0.000884	98,695	87	98,651	4,517,894	45.78
41	0.001670	97,349	163	97,267	4,003,945	41.13	41	0.000945	98,608	93	98,561	4,419,242	44.82
42	0.001778	97,186	173	97,100	3,906,678	40.20	42	0.001007	98,515	99	98,465	4,320,681	43.86
43	0.001879	97,013	182	96,922	3,809,578	39.27	43	0.001069	98,415	105	98,363	4,222,216	42.90
44	0.001977	96,831	191	96,735	3,712,656	38.34	44	0.001135	98,310	112	98,254	4,123,853	41.95
45	0.002089	96,639	202	96,538	3,615,921	37.42	45	0.001210	98,199	119	98,139	4,025,599	40.99
46	0.002217	96,438	214	96,331	3,519,383	36.49	46	0.001299	98,080	127	98,016	3,927,460	40.04
47	0.002351	96,224	226	96,111	3,423,052	35.57	47	0.001401	97,952	137	97,884	3,829,444	39.09
48	0.002489	95,998	239	95,878	3,326,941	34.66	48	0.001519	97,815	149	97,741	3,731,560	38.15
49	0.002639	95,759	253	95,632	3,231,063	33.74	49	0.001654	97,667	162	97,586	3,633,819	37.21
50	0.002812	95,506	269	95,372	3,135,431	32.83	50	0.001808	97,505	176	97,417	3,536,234	36.27
51	0.003017	95,237	287	95,094	3,040,060	31.92	51	0.001982	97,329	193	97,232	3,438,817	35.33
52	0.003257	94,950	309	94,795	2,944,966	31.02	52	0.002178	97,136	212	97,030	3,341,585	34.40
53	0.003535	94,641	335	94,473	2,850,171	30.12	53	0.002398	96,924	232	96,808	3,244,555	33.48
54	0.003857	94,306	364	94,124	2,755,697	29.22	54	0.002643	96,692	256	96,564	3,147,747	32.55
55	0.004238	93,942	398	93,743	2,661,573	28.33	55	0.002926	96,436	282	96,295	3,051,183	31.64
56	0.004670	93,544	437	93,326	2,567,830	27.45	56	0.003242	96,154	312	95,998	2,954,887	30.73
57	0.005131	93,107	478	92,869	2,474,504	26.58	57	0.003573	95,842	342	95,671	2,858,889	29.83
58	0.005615	92,630	520	92,370	2,381,635	25.71	58	0.003917	95,500	374	95,313	2,763,218	28.93
59	0.006146	92,110	566	91,827	2,289,265	24.85	59	0.004287	95,126	408	94,922	2,667,905	28.05
60	0.006709	91,543	614	91,236	2,197,439	24.00	60	0.004683	94,718	444	94,496	2,572,983	27.16
61	0.007369	90,929	670	90,594	2,106,202	23.16	61	0.005139	94,274	484	94,032	2,478,487	26.29
62	0.008221	90,259	742	89,888	2,015,608	22.33	62	0.005700	93,790	535	93,523	2,384,455	25.42
63	0.009310	89,517	833	89,101	1,925,720	21.51	63	0.006388	93,255	596	92,958	2,290,932	24.57
64	0.010584	88,684	939	88,215	1,836,619	20.71	64	0.007182	92,660	665	92,327	2,197,975	23.72
65	0.012015	87,745	1,054	87,218	1,748,405	19.93	65	0.008071	91,994	742	91,623	2,105,648	22.89
66	0.013476	86,691	1,168	86,107	1,661,187	19.16	66	0.008993	91,252	821	90,841	2,014,025	22.07
67	0.014839	85,523	1,269	84,888	1,575,080	18.42	67	0.009884	90,431	894	89,984	1,923,183	21.27
68	0.016033	84,254	1,351	83,578	1,490,192	17.69	68	0.010706	89,537	959	89,058	1,833,199	20.47
69	0.017145	82,903	1,421	82,192	1,406,613	16.97	69	0.011509	88,579	1,019	88,069	1,744,141	19.69
70	0.018393	81,481	1,499	80,732	1,324,421	16.25	70	0.012407	87,559	1,086	87,016	1,656,072	18.91
71	0.019861	79,983	1,589	79,188	1,243,689	15.55	71	0.013445	86,473	1,163	85,892	1,569,056	18.15
72	0.021451	78,394	1,682	77,553	1,164,501	14.85	72	0.014572	85,310	1,243	84,689	1,483,165	17.39
73	0.023181	76,713	1,778	75,823	1,086,947	14.17	73	0.015801	84,067	1,328	83,403	1,398,476	16.64
74	0.025113	74,934	1,882	73,993	1,011,124	13.49	74	0.017165	82,739	1,420	82,029	1,315,073	15.89
75	0.027447	73,052	2,005	72,050	937,130	12.83	75	0.018853	81,319	1,533	80,552	1,233,045	15.16
76	0.030156	71,047	2,143	69,976	865,080	12.18	76	0.020793	79,785	1,659	78,956	1,152,493	14.44
77	0.033058	68,905	2,278	67,766	795,104	11.54	77	0.022744	78,126	1,777	77,238	1,073,537	13.74
78	0.036127	66,627	2,407	65,424	727,338	10.92	78	0.024647	76,350	1,882	75,409	996,299	13.05
79	0.039545	64,220	2,540	62,950	661,915	10.31	79	0.026697	74,468	1,988	73,474	920,890	12.37



**Table 6 – Period Life Tables for U. S. Social Security Area by Calendar Year and Sex**

Male							Female						
x	q <sub>x</sub>	l <sub>x</sub>	d <sub>x</sub>	L <sub>x</sub>	T <sub>x</sub>	e <sub>x</sub>	x	q <sub>x</sub>	l <sub>x</sub>	d <sub>x</sub>	L <sub>x</sub>	T <sub>x</sub>	e <sub>x</sub>
<b>Calendar Year 2070</b>													
80	0.043263	61,680	2,668	60,346	598,965	9.71	80	0.029016	72,480	2,103	71,428	847,416	11.69
81	0.047752	59,012	2,818	57,603	538,618	9.13	81	0.032000	70,377	2,252	69,251	775,988	11.03
82	0.053642	56,194	3,014	54,687	481,015	8.56	82	0.036039	68,125	2,455	66,897	706,737	10.37
83	0.061238	53,180	3,257	51,551	426,329	8.02	83	0.041373	65,669	2,717	64,311	639,840	9.74
84	0.070182	49,923	3,504	48,171	374,777	7.51	84	0.047805	62,952	3,009	61,448	575,529	9.14
85	0.079907	46,419	3,709	44,565	326,606	7.04	85	0.054990	59,943	3,296	58,295	514,082	8.58
86	0.089940	42,710	3,841	40,789	282,041	6.60	86	0.062645	56,647	3,549	54,872	455,787	8.05
87	0.100002	38,869	3,887	36,925	241,252	6.21	87	0.070610	53,098	3,749	51,224	400,914	7.55
88	0.110022	34,982	3,849	33,057	204,327	5.84	88	0.078862	49,349	3,892	47,403	349,691	7.09
89	0.120113	31,133	3,739	29,263	171,269	5.50	89	0.087503	45,457	3,978	43,468	302,288	6.65
90	0.130443	27,394	3,573	25,607	142,006	5.18	90	0.096669	41,479	4,010	39,475	258,820	6.24
91	0.141210	23,820	3,364	22,138	116,399	4.89	91	0.106516	37,470	3,991	35,474	219,345	5.85
92	0.152609	20,457	3,122	18,896	94,261	4.61	92	0.117196	33,479	3,924	31,517	183,871	5.49
93	0.164815	17,335	2,857	15,906	75,365	4.35	93	0.128846	29,555	3,808	27,651	152,354	5.15
94	0.177984	14,478	2,577	13,189	59,459	4.11	94	0.141589	25,747	3,645	23,924	124,703	4.84
95	0.191141	11,901	2,275	10,764	46,269	3.89	95	0.154491	22,101	3,414	20,394	100,779	4.56
96	0.204127	9,626	1,965	8,644	35,506	3.69	96	0.167366	18,687	3,128	17,123	80,384	4.30
97	0.216775	7,661	1,661	6,831	26,862	3.51	97	0.180012	15,559	2,801	14,159	63,261	4.07
98	0.228910	6,000	1,374	5,314	20,031	3.34	98	0.192214	12,759	2,452	11,532	49,102	3.85
99	0.240356	4,627	1,112	4,071	14,718	3.18	99	0.203746	10,306	2,100	9,256	37,570	3.65
100	0.252373	3,515	887	3,071	10,647	3.03	100	0.215971	8,206	1,772	7,320	28,314	3.45
101	0.264992	2,628	696	2,280	7,576	2.88	101	0.228929	6,434	1,473	5,698	20,993	3.26
102	0.278242	1,931	537	1,663	5,296	2.74	102	0.242665	4,961	1,204	4,359	15,296	3.08
103	0.292154	1,394	407	1,190	3,633	2.61	103	0.257225	3,757	966	3,274	10,937	2.91
104	0.306761	987	303	835	2,443	2.48	104	0.272658	2,791	761	2,410	7,663	2.75
105	0.322099	684	220	574	1,608	2.35	105	0.289018	2,030	587	1,737	5,252	2.59
106	0.338204	464	157	385	1,034	2.23	106	0.306359	1,443	442	1,222	3,516	2.44
107	0.355115	307	109	252	648	2.11	107	0.324741	1,001	325	839	2,294	2.29
108	0.372870	198	74	161	396	2.00	108	0.344225	676	233	560	1,455	2.15
109	0.391514	124	49	100	235	1.89	109	0.364879	443	162	362	896	2.02
110	0.411089	76	31	60	135	1.79	110	0.386771	282	109	227	533	1.89
111	0.431644	44	19	35	75	1.69	111	0.409977	173	71	137	306	1.77
112	0.453226	25	11	20	40	1.60	112	0.434576	102	44	80	169	1.66
113	0.475887	14	7	11	21	1.50	113	0.460651	58	27	44	89	1.55
114	0.499682	7	4	5	10	1.42	114	0.488290	31	15	23	45	1.45
115	0.524666	4	2	3	5	1.33	115	0.517587	16	8	12	21	1.35
116	0.550899	2	1	1	2	1.25	116	0.548642	8	4	6	10	1.26
117	0.578444	1	0	1	1	1.17	117	0.578444	3	2	2	4	1.17
118	0.607366	0	0	0	0	1.10	118	0.607366	1	1	1	2	1.10
119	0.637734	0	0	0	0	1.03	119	0.637734	1	0	0	1	1.03

**Table 6 – Period Life Tables for U. S. Social Security Area by Calendar Year and Sex**

Male							Female						
x	q <sub>x</sub>	l <sub>x</sub>	d <sub>x</sub>	L <sub>x</sub>	T <sub>x</sub>	e <sub>x</sub>	x	q <sub>x</sub>	l <sub>x</sub>	d <sub>x</sub>	L <sub>x</sub>	T <sub>x</sub>	e <sub>x</sub>
<b>Calendar Year 2080</b>													
0	0.001724	100,000	172	99,849	8,144,020	81.44	0	0.001447	100,000	145	99,873	8,564,362	85.64
1	0.000171	99,828	17	99,819	8,044,170	80.58	1	0.000146	99,855	15	99,848	8,464,488	84.77
2	0.000116	99,811	12	99,805	7,944,351	79.59	2	0.000095	99,841	9	99,836	8,364,640	83.78
3	0.000096	99,799	10	99,794	7,844,547	78.60	3	0.000071	99,831	7	99,828	8,264,804	82.79
4	0.000075	99,789	7	99,786	7,744,753	77.61	4	0.000053	99,824	5	99,822	8,164,976	81.79
5	0.000070	99,782	7	99,778	7,644,967	76.62	5	0.000051	99,819	5	99,816	8,065,155	80.80
6	0.000069	99,775	7	99,771	7,545,189	75.62	6	0.000051	99,814	5	99,811	7,965,338	79.80
7	0.000067	99,768	7	99,765	7,445,417	74.63	7	0.000050	99,809	5	99,806	7,865,527	78.81
8	0.000058	99,761	6	99,758	7,345,653	73.63	8	0.000047	99,804	5	99,801	7,765,721	77.81
9	0.000043	99,756	4	99,753	7,245,894	72.64	9	0.000040	99,799	4	99,797	7,665,920	76.81
10	0.000030	99,751	3	99,750	7,146,141	71.64	10	0.000034	99,795	3	99,793	7,566,123	75.82
11	0.000031	99,748	3	99,747	7,046,391	70.64	11	0.000034	99,792	3	99,790	7,466,329	74.82
12	0.000063	99,745	6	99,742	6,946,644	69.64	12	0.000047	99,788	5	99,786	7,366,539	73.82
13	0.000134	99,739	13	99,732	6,846,902	68.65	13	0.000076	99,784	8	99,780	7,266,753	72.83
14	0.000233	99,726	23	99,714	6,747,170	67.66	14	0.000116	99,776	12	99,770	7,166,974	71.83
15	0.000342	99,702	34	99,685	6,647,456	66.67	15	0.000163	99,764	16	99,756	7,067,204	70.84
16	0.000443	99,668	44	99,646	6,547,771	65.70	16	0.000205	99,748	20	99,738	6,967,448	69.85
17	0.000529	99,624	53	99,598	6,448,125	64.72	17	0.000235	99,728	23	99,716	6,867,710	68.86
18	0.000590	99,571	59	99,542	6,348,528	63.76	18	0.000247	99,704	25	99,692	6,767,994	67.88
19	0.000631	99,513	63	99,481	6,248,986	62.80	19	0.000245	99,680	24	99,667	6,668,302	66.90
20	0.000672	99,450	67	99,416	6,149,505	61.84	20	0.000241	99,655	24	99,643	6,568,634	65.91
21	0.000712	99,383	71	99,348	6,050,088	60.88	21	0.000242	99,631	24	99,619	6,468,991	64.93
22	0.000735	99,312	73	99,276	5,950,741	59.92	22	0.000245	99,607	24	99,595	6,369,372	63.94
23	0.000737	99,239	73	99,203	5,851,465	58.96	23	0.000253	99,583	25	99,570	6,269,777	62.96
24	0.000724	99,166	72	99,130	5,752,263	58.01	24	0.000267	99,557	27	99,544	6,170,207	61.98
25	0.000703	99,094	70	99,059	5,653,133	57.05	25	0.000281	99,531	28	99,517	6,070,663	60.99
26	0.000687	99,025	68	98,991	5,554,073	56.09	26	0.000296	99,503	29	99,488	5,971,146	60.01
27	0.000689	98,957	68	98,922	5,455,083	55.13	27	0.000315	99,473	31	99,458	5,871,658	59.03
28	0.000716	98,888	71	98,853	5,356,160	54.16	28	0.000338	99,442	34	99,425	5,772,200	58.05
29	0.000763	98,818	75	98,780	5,257,307	53.20	29	0.000365	99,409	36	99,390	5,672,775	57.07
30	0.000817	98,742	81	98,702	5,158,527	52.24	30	0.000395	99,372	39	99,353	5,573,384	56.09
31	0.000869	98,662	86	98,619	5,059,825	51.28	31	0.000427	99,333	42	99,312	5,474,032	55.11
32	0.000919	98,576	91	98,530	4,961,207	50.33	32	0.000462	99,291	46	99,268	5,374,720	54.13
33	0.000964	98,485	95	98,438	4,862,676	49.37	33	0.000501	99,245	50	99,220	5,275,452	53.16
34	0.001006	98,390	99	98,341	4,764,239	48.42	34	0.000542	99,195	54	99,168	5,176,232	52.18
35	0.001051	98,291	103	98,240	4,665,898	47.47	35	0.000587	99,141	58	99,112	5,077,064	51.21
36	0.001104	98,188	108	98,134	4,567,658	46.52	36	0.000634	99,083	63	99,052	4,977,952	50.24
37	0.001168	98,080	115	98,022	4,469,524	45.57	37	0.000681	99,020	67	98,986	4,878,901	49.27
38	0.001246	97,965	122	97,904	4,371,502	44.62	38	0.000727	98,953	72	98,917	4,779,914	48.31
39	0.001336	97,843	131	97,778	4,273,598	43.68	39	0.000773	98,881	76	98,843	4,680,997	47.34

**Table 6 – Period Life Tables for U. S. Social Security Area by Calendar Year and Sex**

Male							Female						
x	q <sub>x</sub>	l <sub>x</sub>	d <sub>x</sub>	L <sub>x</sub>	T <sub>x</sub>	e <sub>x</sub>	x	q <sub>x</sub>	l <sub>x</sub>	d <sub>x</sub>	L <sub>x</sub>	T <sub>x</sub>	e <sub>x</sub>
<b>Calendar Year 2080</b>													
40	0.001435	97,712	140	97,642	4,175,820	42.74	40	0.000825	98,804	82	98,764	4,582,155	46.38
41	0.001537	97,572	150	97,497	4,078,178	41.80	41	0.000882	98,723	87	98,679	4,483,391	45.41
42	0.001637	97,422	159	97,342	3,980,681	40.86	42	0.000940	98,636	93	98,589	4,384,712	44.45
43	0.001729	97,263	168	97,178	3,883,339	39.93	43	0.000998	98,543	98	98,494	4,286,122	43.49
44	0.001820	97,094	177	97,006	3,786,160	38.99	44	0.001060	98,445	104	98,393	4,187,628	42.54
45	0.001923	96,918	186	96,825	3,689,154	38.06	45	0.001131	98,340	111	98,285	4,089,236	41.58
46	0.002041	96,731	197	96,633	3,592,330	37.14	46	0.001214	98,229	119	98,170	3,990,951	40.63
47	0.002164	96,534	209	96,429	3,495,697	36.21	47	0.001310	98,110	129	98,046	3,892,781	39.68
48	0.002292	96,325	221	96,215	3,399,268	35.29	48	0.001421	97,981	139	97,912	3,794,736	38.73
49	0.002431	96,104	234	95,987	3,303,053	34.37	49	0.001548	97,842	151	97,766	3,696,824	37.78
50	0.002592	95,871	248	95,746	3,207,066	33.45	50	0.001693	97,691	165	97,608	3,599,057	36.84
51	0.002783	95,622	266	95,489	3,111,319	32.54	51	0.001857	97,525	181	97,435	3,501,449	35.90
52	0.003006	95,356	287	95,213	3,015,830	31.63	52	0.002042	97,344	199	97,245	3,404,015	34.97
53	0.003267	95,069	311	94,914	2,920,618	30.72	53	0.002249	97,145	218	97,036	3,306,770	34.04
54	0.003568	94,759	338	94,590	2,825,704	29.82	54	0.002480	96,927	240	96,807	3,209,734	33.11
55	0.003926	94,421	371	94,235	2,731,114	28.92	55	0.002746	96,687	266	96,554	3,112,927	32.20
56	0.004331	94,050	407	93,846	2,636,879	28.04	56	0.003043	96,421	293	96,274	3,016,373	31.28
57	0.004762	93,643	446	93,420	2,543,032	27.16	57	0.003354	96,128	322	95,966	2,920,099	30.38
58	0.005211	93,197	486	92,954	2,449,613	26.28	58	0.003676	95,805	352	95,629	2,824,132	29.48
59	0.005700	92,711	528	92,447	2,356,659	25.42	59	0.004021	95,453	384	95,261	2,728,503	28.58
60	0.006218	92,183	573	91,896	2,264,212	24.56	60	0.004390	95,069	417	94,861	2,633,242	27.70
61	0.006831	91,609	626	91,297	2,172,316	23.71	61	0.004816	94,652	456	94,424	2,538,381	26.82
62	0.007630	90,984	694	90,637	2,081,019	22.87	62	0.005343	94,196	503	93,944	2,443,957	25.95
63	0.008661	90,289	782	89,898	1,990,383	22.04	63	0.005995	93,693	562	93,412	2,350,013	25.08
64	0.009872	89,507	884	89,066	1,900,485	21.23	64	0.006747	93,131	628	92,817	2,256,601	24.23
65	0.011233	88,624	996	88,126	1,811,419	20.44	65	0.007590	92,503	702	92,152	2,163,784	23.39
66	0.012619	87,628	1,106	87,075	1,723,293	19.67	66	0.008463	91,801	777	91,412	2,071,632	22.57
67	0.013911	86,523	1,204	85,921	1,636,218	18.91	67	0.009305	91,024	847	90,600	1,980,220	21.75
68	0.015036	85,319	1,283	84,677	1,550,297	18.17	68	0.010081	90,177	909	89,722	1,889,620	20.95
69	0.016081	84,036	1,351	83,360	1,465,619	17.44	69	0.010837	89,268	967	88,784	1,799,897	20.16
70	0.017252	82,685	1,426	81,971	1,382,259	16.72	70	0.011682	88,300	1,032	87,785	1,711,113	19.38
71	0.018629	81,258	1,514	80,501	1,300,288	16.00	71	0.012657	87,269	1,105	86,716	1,623,329	18.60
72	0.020120	79,744	1,604	78,942	1,219,786	15.30	72	0.013717	86,164	1,182	85,573	1,536,612	17.83
73	0.021742	78,140	1,699	77,290	1,140,844	14.60	73	0.014872	84,982	1,264	84,350	1,451,039	17.07
74	0.023552	76,441	1,800	75,541	1,063,554	13.91	74	0.016154	83,718	1,352	83,042	1,366,689	16.32
75	0.025750	74,641	1,922	73,680	988,013	13.24	75	0.017749	82,366	1,462	81,635	1,283,646	15.58
76	0.028303	72,719	2,058	71,690	914,333	12.57	76	0.019580	80,904	1,584	80,112	1,202,011	14.86
77	0.031019	70,661	2,192	69,565	842,643	11.93	77	0.021405	79,320	1,698	78,471	1,121,899	14.14
78	0.033868	68,469	2,319	67,309	773,079	11.29	78	0.023160	77,622	1,798	76,723	1,043,428	13.44
79	0.037034	66,150	2,450	64,925	705,769	10.67	79	0.025040	75,824	1,899	74,875	966,705	12.75

**Table 6 – Period Life Tables for U. S. Social Security Area by Calendar Year and Sex**

Male							Female						
x	q <sub>x</sub>	l <sub>x</sub>	d <sub>x</sub>	L <sub>x</sub>	T <sub>x</sub>	e <sub>x</sub>	x	q <sub>x</sub>	l <sub>x</sub>	d <sub>x</sub>	L <sub>x</sub>	T <sub>x</sub>	e <sub>x</sub>
<b>Calendar Year 2080</b>													
80	0.040467	63,700	2,578	62,411	640,845	10.06	80	0.027160	73,926	2,008	72,922	891,830	12.06
81	0.044650	61,122	2,729	59,758	578,433	9.46	81	0.029923	71,918	2,152	70,842	818,908	11.39
82	0.050228	58,393	2,933	56,927	518,676	8.88	82	0.033740	69,766	2,354	68,589	748,066	10.72
83	0.057515	55,460	3,190	53,865	461,749	8.33	83	0.038858	67,412	2,619	66,102	679,477	10.08
84	0.066141	52,270	3,457	50,542	407,884	7.80	84	0.045064	64,793	2,920	63,333	613,374	9.47
85	0.075524	48,813	3,687	46,970	357,342	7.32	85	0.051996	61,873	3,217	60,264	550,042	8.89
86	0.085176	45,127	3,844	43,205	310,372	6.88	86	0.059350	58,656	3,481	56,915	489,778	8.35
87	0.094807	41,283	3,914	39,326	267,167	6.47	87	0.066956	55,174	3,694	53,327	432,863	7.85
88	0.104342	37,369	3,899	35,419	227,841	6.10	88	0.074786	51,480	3,850	49,555	379,535	7.37
89	0.113900	33,470	3,812	31,564	192,422	5.75	89	0.082944	47,630	3,951	45,655	329,980	6.93
90	0.123653	29,658	3,667	27,824	160,858	5.42	90	0.091572	43,680	4,000	41,680	284,325	6.51
91	0.133804	25,990	3,478	24,252	133,034	5.12	91	0.100830	39,680	4,001	37,679	242,646	6.12
92	0.144558	22,513	3,254	20,886	108,782	4.83	92	0.110880	35,679	3,956	33,701	204,966	5.74
93	0.156094	19,258	3,006	17,755	87,897	4.56	93	0.121864	31,723	3,866	29,790	171,266	5.40
94	0.168582	16,252	2,740	14,882	70,142	4.32	94	0.133913	27,857	3,730	25,992	141,476	5.08
95	0.181057	13,512	2,447	12,289	55,259	4.09	95	0.146112	24,126	3,525	22,364	115,484	4.79
96	0.193370	11,066	2,140	9,996	42,970	3.88	96	0.158287	20,601	3,261	18,971	93,120	4.52
97	0.205359	8,926	1,833	8,010	32,974	3.69	97	0.170245	17,340	2,952	15,864	74,149	4.28
98	0.216859	7,093	1,538	6,324	24,965	3.52	98	0.181783	14,388	2,616	13,081	58,285	4.05
99	0.227702	5,555	1,265	4,922	18,641	3.36	99	0.192690	11,773	2,268	10,638	45,205	3.84
100	0.239087	4,290	1,026	3,777	13,718	3.20	100	0.204252	9,504	1,941	8,534	34,566	3.64
101	0.251042	3,264	819	2,855	9,941	3.05	101	0.216507	7,563	1,637	6,744	26,032	3.44
102	0.263594	2,445	644	2,123	7,087	2.90	102	0.229497	5,926	1,360	5,246	19,288	3.26
103	0.276773	1,800	498	1,551	4,964	2.76	103	0.243267	4,566	1,111	4,010	14,043	3.08
104	0.290612	1,302	378	1,113	3,413	2.62	104	0.257863	3,455	891	3,010	10,032	2.90
105	0.305142	924	282	783	2,300	2.49	105	0.273335	2,564	701	2,214	7,023	2.74
106	0.320400	642	206	539	1,517	2.36	106	0.289735	1,863	540	1,593	4,809	2.58
107	0.336420	436	147	363	978	2.24	107	0.307119	1,323	406	1,120	3,216	2.43
108	0.353241	289	102	238	615	2.13	108	0.325546	917	299	768	2,096	2.29
109	0.370903	187	69	152	377	2.01	109	0.345079	618	213	512	1,328	2.15
110	0.389448	118	46	95	224	1.91	110	0.365784	405	148	331	816	2.02
111	0.408920	72	29	57	130	1.80	111	0.387731	257	100	207	485	1.89
112	0.429366	43	18	33	72	1.70	112	0.410995	157	65	125	278	1.77
113	0.450834	24	11	19	39	1.61	113	0.435654	93	40	72	153	1.65
114	0.473376	13	6	10	20	1.51	114	0.461794	52	24	40	81	1.55
115	0.497045	7	3	5	10	1.43	115	0.489501	28	14	21	41	1.44
116	0.521897	4	2	3	5	1.34	116	0.518871	14	7	11	19	1.35
117	0.547992	2	1	1	2	1.26	117	0.547992	7	4	5	9	1.26
118	0.575391	1	0	1	1	1.18	118	0.575391	3	2	2	4	1.18
119	0.604161	0	0	0	0	1.11	119	0.604161	1	1	1	1	1.11

**Table 6 – Period Life Tables for U. S. Social Security Area by Calendar Year and Sex**

Male							Female						
x	q <sub>x</sub>	l <sub>x</sub>	d <sub>x</sub>	L <sub>x</sub>	T <sub>x</sub>	e <sub>x</sub>	x	q <sub>x</sub>	l <sub>x</sub>	d <sub>x</sub>	L <sub>x</sub>	T <sub>x</sub>	e <sub>x</sub>
<b>Calendar Year 2090</b>													
0	0.001459	100,000	146	99,873	8,217,917	82.18	0	0.001225	100,000	123	99,892	8,627,280	86.27
1	0.000152	99,854	15	99,847	8,118,044	81.30	1	0.000131	99,878	13	99,871	8,527,388	85.38
2	0.000103	99,839	10	99,834	8,018,198	80.31	2	0.000085	99,864	8	99,860	8,427,516	84.39
3	0.000085	99,829	8	99,824	7,918,364	79.32	3	0.000064	99,856	6	99,853	8,327,656	83.40
4	0.000066	99,820	7	99,817	7,818,539	78.33	4	0.000048	99,850	5	99,847	8,227,803	82.40
5	0.000061	99,814	6	99,811	7,718,722	77.33	5	0.000046	99,845	5	99,842	8,127,956	81.41
6	0.000061	99,807	6	99,804	7,618,912	76.34	6	0.000046	99,840	5	99,838	8,028,114	80.41
7	0.000059	99,801	6	99,798	7,519,107	75.34	7	0.000045	99,836	4	99,833	7,928,276	79.41
8	0.000051	99,796	5	99,793	7,419,309	74.35	8	0.000042	99,831	4	99,829	7,828,442	78.42
9	0.000037	99,790	4	99,789	7,319,516	73.35	9	0.000036	99,827	4	99,825	7,728,613	77.42
10	0.000024	99,787	2	99,786	7,219,727	72.35	10	0.000030	99,823	3	99,822	7,628,788	76.42
11	0.000025	99,784	2	99,783	7,119,942	71.35	11	0.000030	99,820	3	99,819	7,528,966	75.43
12	0.000054	99,782	5	99,779	7,020,159	70.36	12	0.000042	99,817	4	99,815	7,429,147	74.43
13	0.000120	99,776	12	99,770	6,920,380	69.36	13	0.000069	99,813	7	99,810	7,329,332	73.43
14	0.000212	99,764	21	99,754	6,820,609	68.37	14	0.000106	99,806	11	99,801	7,229,523	72.44
15	0.000315	99,743	31	99,728	6,720,855	67.38	15	0.000150	99,796	15	99,788	7,129,722	71.44
16	0.000409	99,712	41	99,692	6,621,128	66.40	16	0.000189	99,781	19	99,771	7,029,934	70.45
17	0.000489	99,671	49	99,647	6,521,436	65.43	17	0.000217	99,762	22	99,751	6,930,163	69.47
18	0.000546	99,622	54	99,595	6,421,789	64.46	18	0.000229	99,740	23	99,729	6,830,412	68.48
19	0.000584	99,568	58	99,539	6,322,194	63.50	19	0.000228	99,717	23	99,706	6,730,683	67.50
20	0.000621	99,510	62	99,479	6,222,655	62.53	20	0.000224	99,695	22	99,683	6,630,977	66.51
21	0.000659	99,448	66	99,415	6,123,176	61.57	21	0.000225	99,672	22	99,661	6,531,294	65.53
22	0.000680	99,383	68	99,349	6,023,761	60.61	22	0.000228	99,650	23	99,638	6,431,633	64.54
23	0.000681	99,315	68	99,281	5,924,412	59.65	23	0.000236	99,627	24	99,615	6,331,994	63.56
24	0.000669	99,247	66	99,214	5,825,131	58.69	24	0.000248	99,604	25	99,591	6,232,379	62.57
25	0.000649	99,181	64	99,149	5,725,917	57.73	25	0.000262	99,579	26	99,566	6,132,788	61.59
26	0.000635	99,117	63	99,085	5,626,769	56.77	26	0.000276	99,553	27	99,539	6,033,222	60.60
27	0.000636	99,054	63	99,022	5,527,684	55.80	27	0.000293	99,525	29	99,511	5,933,683	59.62
28	0.000661	98,991	65	98,958	5,428,662	54.84	28	0.000315	99,496	31	99,480	5,834,172	58.64
29	0.000704	98,925	70	98,890	5,329,704	53.88	29	0.000340	99,465	34	99,448	5,734,692	57.66
30	0.000754	98,856	75	98,818	5,230,813	52.91	30	0.000368	99,431	37	99,413	5,635,244	56.67
31	0.000802	98,781	79	98,741	5,131,995	51.95	31	0.000398	99,394	40	99,375	5,535,831	55.70
32	0.000848	98,702	84	98,660	5,033,253	50.99	32	0.000431	99,355	43	99,333	5,436,457	54.72
33	0.000889	98,618	88	98,574	4,934,593	50.04	33	0.000467	99,312	46	99,289	5,337,123	53.74
34	0.000928	98,530	91	98,485	4,836,019	49.08	34	0.000506	99,266	50	99,241	5,237,834	52.77
35	0.000969	98,439	95	98,391	4,737,535	48.13	35	0.000548	99,215	54	99,188	5,138,594	51.79
36	0.001018	98,344	100	98,294	4,639,143	47.17	36	0.000592	99,161	59	99,132	5,039,406	50.82
37	0.001077	98,243	106	98,191	4,540,850	46.22	37	0.000637	99,102	63	99,071	4,940,274	49.85
38	0.001149	98,138	113	98,081	4,442,659	45.27	38	0.000680	99,039	67	99,006	4,841,203	48.88
39	0.001232	98,025	121	97,965	4,344,578	44.32	39	0.000723	98,972	72	98,936	4,742,198	47.91

**Table 6 – Period Life Tables for U. S. Social Security Area by Calendar Year and Sex**

Male							Female						
x	q <sub>x</sub>	l <sub>x</sub>	d <sub>x</sub>	L <sub>x</sub>	T <sub>x</sub>	e <sub>x</sub>	x	q <sub>x</sub>	l <sub>x</sub>	d <sub>x</sub>	L <sub>x</sub>	T <sub>x</sub>	e <sub>x</sub>
<b>Calendar Year 2090</b>													
40	0.001323	97,904	130	97,839	4,246,613	43.38	40	0.000771	98,900	76	98,862	4,643,262	46.95
41	0.001418	97,775	139	97,705	4,148,774	42.43	41	0.000825	98,824	82	98,783	4,544,400	45.98
42	0.001509	97,636	147	97,562	4,051,069	41.49	42	0.000879	98,743	87	98,699	4,445,616	45.02
43	0.001594	97,489	155	97,411	3,953,506	40.55	43	0.000934	98,656	92	98,610	4,346,917	44.06
44	0.001677	97,333	163	97,252	3,856,095	39.62	44	0.000992	98,564	98	98,515	4,248,308	43.10
45	0.001772	97,170	172	97,084	3,758,844	38.68	45	0.001058	98,466	104	98,414	4,149,793	42.14
46	0.001881	96,998	182	96,907	3,661,760	37.75	46	0.001136	98,362	112	98,306	4,051,379	41.19
47	0.001995	96,815	193	96,719	3,564,853	36.82	47	0.001226	98,250	120	98,190	3,953,074	40.23
48	0.002114	96,622	204	96,520	3,468,135	35.89	48	0.001331	98,129	131	98,064	3,854,884	39.28
49	0.002245	96,418	216	96,310	3,371,615	34.97	49	0.001451	97,999	142	97,928	3,756,820	38.34
50	0.002396	96,201	230	96,086	3,275,305	34.05	50	0.001588	97,857	155	97,779	3,658,892	37.39
51	0.002575	95,971	247	95,847	3,179,219	33.13	51	0.001743	97,701	170	97,616	3,561,113	36.45
52	0.002785	95,724	267	95,591	3,083,371	32.21	52	0.001917	97,531	187	97,437	3,463,497	35.51
53	0.003029	95,457	289	95,313	2,987,781	31.30	53	0.002112	97,344	206	97,241	3,366,059	34.58
54	0.003311	95,168	315	95,011	2,892,468	30.39	54	0.002331	97,138	226	97,025	3,268,818	33.65
55	0.003648	94,853	346	94,680	2,797,457	29.49	55	0.002583	96,912	250	96,787	3,171,793	32.73
56	0.004029	94,507	381	94,317	2,702,777	28.60	56	0.002863	96,662	277	96,523	3,075,006	31.81
57	0.004432	94,126	417	93,918	2,608,461	27.71	57	0.003157	96,385	304	96,233	2,978,483	30.90
58	0.004849	93,709	454	93,482	2,514,543	26.83	58	0.003458	96,081	332	95,914	2,882,250	30.00
59	0.005303	93,255	495	93,007	2,421,061	25.96	59	0.003781	95,748	362	95,567	2,786,336	29.10
60	0.005782	92,760	536	92,492	2,328,054	25.10	60	0.004125	95,386	393	95,190	2,690,768	28.21
61	0.006352	92,224	586	91,931	2,235,562	24.24	61	0.004524	94,993	430	94,778	2,595,579	27.32
62	0.007103	91,638	651	91,313	2,143,631	23.39	62	0.005022	94,563	475	94,326	2,500,801	26.45
63	0.008081	90,987	735	90,619	2,052,318	22.56	63	0.005639	94,088	531	93,823	2,406,475	25.58
64	0.009235	90,252	833	89,835	1,961,698	21.74	64	0.006354	93,558	594	93,260	2,312,652	24.72
65	0.010532	89,418	942	88,947	1,871,863	20.93	65	0.007156	92,963	665	92,631	2,219,392	23.87
66	0.011850	88,477	1,048	87,952	1,782,916	20.15	66	0.007985	92,298	737	91,929	2,126,761	23.04
67	0.013076	87,428	1,143	86,857	1,694,963	19.39	67	0.008783	91,561	804	91,159	2,034,832	22.22
68	0.014140	86,285	1,220	85,675	1,608,107	18.64	68	0.009518	90,757	864	90,325	1,943,673	21.42
69	0.015123	85,065	1,286	84,422	1,522,432	17.90	69	0.010232	89,893	920	89,433	1,853,348	20.62
70	0.016225	83,778	1,359	83,099	1,438,010	17.16	70	0.011028	88,973	981	88,483	1,763,915	19.83
71	0.017521	82,419	1,444	81,697	1,354,912	16.44	71	0.011947	87,992	1,051	87,466	1,675,432	19.04
72	0.018924	80,975	1,532	80,209	1,273,215	15.72	72	0.012947	86,941	1,126	86,378	1,587,966	18.26
73	0.020450	79,443	1,625	78,630	1,193,006	15.02	73	0.014036	85,815	1,205	85,213	1,501,588	17.50
74	0.022153	77,818	1,724	76,956	1,114,375	14.32	74	0.015246	84,611	1,290	83,966	1,416,375	16.74
75	0.024230	76,094	1,844	75,172	1,037,419	13.63	75	0.016757	83,321	1,396	82,623	1,332,410	15.99
76	0.026643	74,250	1,978	73,261	962,247	12.96	76	0.018492	81,924	1,515	81,167	1,249,787	15.26
77	0.029195	72,272	2,110	71,217	888,985	12.30	77	0.020206	80,409	1,625	79,597	1,168,620	14.53
78	0.031853	70,162	2,235	69,045	817,768	11.66	78	0.021835	78,785	1,720	77,925	1,089,023	13.82
79	0.034800	67,927	2,364	66,745	748,724	11.02	79	0.023573	77,064	1,817	76,156	1,011,098	13.12

**Table 6 – Period Life Tables for U. S. Social Security Area by Calendar Year and Sex**

Male							Female						
x	q <sub>x</sub>	l <sub>x</sub>	d <sub>x</sub>	L <sub>x</sub>	T <sub>x</sub>	e <sub>x</sub>	x	q <sub>x</sub>	l <sub>x</sub>	d <sub>x</sub>	L <sub>x</sub>	T <sub>x</sub>	e <sub>x</sub>
<b>Calendar Year 2090</b>													
80	0.037988	65,563	2,491	64,318	681,978	10.40	80	0.025524	75,248	1,921	74,288	934,942	12.42
81	0.041903	63,073	2,643	61,751	617,660	9.79	81	0.028099	73,327	2,060	72,297	860,655	11.74
82	0.047198	60,430	2,852	59,004	555,909	9.20	82	0.031717	71,267	2,260	70,137	788,358	11.06
83	0.054189	57,578	3,120	56,018	496,905	8.63	83	0.036629	69,006	2,528	67,743	718,221	10.41
84	0.062504	54,458	3,404	52,756	440,887	8.10	84	0.042615	66,479	2,833	65,062	650,479	9.78
85	0.071550	51,054	3,653	49,227	388,131	7.60	85	0.049298	63,646	3,138	62,077	585,416	9.20
86	0.080832	47,401	3,832	45,485	338,904	7.15	86	0.056364	60,508	3,410	58,803	523,339	8.65
87	0.090056	43,569	3,924	41,608	293,419	6.73	87	0.063634	57,098	3,633	55,281	464,536	8.14
88	0.099146	39,646	3,931	37,680	251,811	6.35	88	0.071079	53,464	3,800	51,564	409,255	7.65
89	0.108219	35,715	3,865	33,782	214,131	6.00	89	0.078802	49,664	3,914	47,707	357,691	7.20
90	0.117451	31,850	3,741	29,980	180,349	5.66	90	0.086946	45,751	3,978	43,762	309,984	6.78
91	0.127049	28,109	3,571	26,324	150,369	5.35	91	0.095677	41,773	3,997	39,774	266,222	6.37
92	0.137221	24,538	3,367	22,854	124,045	5.06	92	0.105160	37,776	3,973	35,790	226,448	5.99
93	0.148154	21,171	3,137	19,603	101,191	4.78	93	0.115543	33,803	3,906	31,851	190,658	5.64
94	0.160019	18,034	2,886	16,591	81,589	4.52	94	0.126961	29,898	3,796	28,000	158,808	5.31
95	0.171871	15,148	2,604	13,847	64,997	4.29	95	0.138522	26,102	3,616	24,294	130,808	5.01
96	0.183567	12,545	2,303	11,393	51,151	4.08	96	0.150059	22,486	3,374	20,799	106,514	4.74
97	0.194955	10,242	1,997	9,244	39,757	3.88	97	0.161393	19,112	3,085	17,570	85,715	4.48
98	0.205876	8,245	1,698	7,397	30,514	3.70	98	0.172330	16,027	2,762	14,646	68,145	4.25
99	0.216169	6,548	1,415	5,840	23,117	3.53	99	0.182669	13,265	2,423	12,054	53,499	4.03
100	0.226978	5,132	1,165	4,550	17,277	3.37	100	0.193630	10,842	2,099	9,793	41,445	3.82
101	0.238327	3,967	946	3,495	12,727	3.21	101	0.205247	8,743	1,794	7,846	31,652	3.62
102	0.250243	3,022	756	2,644	9,232	3.06	102	0.217562	6,948	1,512	6,193	23,807	3.43
103	0.262755	2,266	595	1,968	6,589	2.91	103	0.230616	5,437	1,254	4,810	17,614	3.24
104	0.275893	1,670	461	1,440	4,621	2.77	104	0.244453	4,183	1,023	3,672	12,804	3.06
105	0.289688	1,210	350	1,034	3,181	2.63	105	0.259120	3,160	819	2,751	9,133	2.89
106	0.304172	859	261	728	2,146	2.50	106	0.274667	2,341	643	2,020	6,382	2.73
107	0.319381	598	191	502	1,418	2.37	107	0.291147	1,698	494	1,451	4,362	2.57
108	0.335350	407	136	339	915	2.25	108	0.308616	1,204	372	1,018	2,911	2.42
109	0.352117	270	95	223	577	2.13	109	0.327133	832	272	696	1,893	2.27
110	0.369723	175	65	143	354	2.02	110	0.346761	560	194	463	1,196	2.14
111	0.388209	110	43	89	211	1.91	111	0.367567	366	134	299	733	2.00
112	0.407620	68	28	54	122	1.81	112	0.389621	231	90	186	435	1.88
113	0.428000	40	17	31	68	1.71	113	0.412998	141	58	112	249	1.76
114	0.449400	23	10	18	37	1.61	114	0.437778	83	36	65	136	1.65
115	0.471870	13	6	10	19	1.52	115	0.464044	47	22	36	72	1.54
116	0.495464	7	3	5	10	1.43	116	0.491887	25	12	19	36	1.44
117	0.520237	3	2	2	5	1.35	117	0.520237	13	7	9	17	1.35
118	0.546249	2	1	1	2	1.27	118	0.546249	6	3	4	8	1.27
119	0.573561	1	0	1	1	1.19	119	0.573561	3	2	2	3	1.19

**Table 6 – Period Life Tables for U. S. Social Security Area by Calendar Year and Sex**

Male							Female						
x	q <sub>x</sub>	l <sub>x</sub>	d <sub>x</sub>	L <sub>x</sub>	T <sub>x</sub>	e <sub>x</sub>	x	q <sub>x</sub>	l <sub>x</sub>	d <sub>x</sub>	L <sub>x</sub>	T <sub>x</sub>	e <sub>x</sub>
<b>Calendar Year 2100</b>													
0	0.001236	100,000	124	99,892	8,288,022	82.88	0	0.001038	100,000	104	99,909	8,687,280	86.87
1	0.000134	99,876	13	99,870	8,188,130	81.98	1	0.000115	99,896	11	99,890	8,587,372	85.96
2	0.000091	99,863	9	99,858	8,088,260	80.99	2	0.000075	99,885	7	99,881	8,487,482	84.97
3	0.000075	99,854	7	99,850	7,988,402	80.00	3	0.000056	99,877	6	99,874	8,387,600	83.98
4	0.000059	99,846	6	99,843	7,888,552	79.01	4	0.000042	99,872	4	99,870	8,287,726	82.98
5	0.000055	99,841	5	99,838	7,788,708	78.01	5	0.000041	99,867	4	99,865	8,187,856	81.99
6	0.000055	99,835	5	99,832	7,688,870	77.02	6	0.000041	99,863	4	99,861	8,087,991	80.99
7	0.000054	99,830	5	99,827	7,589,038	76.02	7	0.000041	99,859	4	99,857	7,988,129	79.99
8	0.000045	99,824	4	99,822	7,489,211	75.02	8	0.000038	99,855	4	99,853	7,888,272	79.00
9	0.000032	99,820	3	99,818	7,389,389	74.03	9	0.000032	99,851	3	99,850	7,788,419	78.00
10	0.000019	99,816	2	99,816	7,289,571	73.03	10	0.000026	99,848	3	99,847	7,688,569	77.00
11	0.000020	99,815	2	99,814	7,189,755	72.03	11	0.000026	99,846	3	99,844	7,588,722	76.00
12	0.000047	99,813	5	99,810	7,089,942	71.03	12	0.000036	99,843	4	99,841	7,488,877	75.01
13	0.000109	99,808	11	99,802	6,990,132	70.04	13	0.000062	99,839	6	99,836	7,389,036	74.01
14	0.000195	99,797	19	99,787	6,890,329	69.04	14	0.000098	99,833	10	99,828	7,289,200	73.01
15	0.000290	99,778	29	99,763	6,790,542	68.06	15	0.000139	99,823	14	99,816	7,189,371	72.02
16	0.000379	99,749	38	99,730	6,690,779	67.08	16	0.000176	99,810	18	99,801	7,089,555	71.03
17	0.000453	99,711	45	99,688	6,591,049	66.10	17	0.000203	99,792	20	99,782	6,989,754	70.04
18	0.000506	99,666	50	99,640	6,491,361	65.13	18	0.000213	99,772	21	99,761	6,889,972	69.06
19	0.000540	99,615	54	99,588	6,391,721	64.16	19	0.000212	99,750	21	99,740	6,790,211	68.07
20	0.000574	99,561	57	99,533	6,292,132	63.20	20	0.000209	99,729	21	99,719	6,690,471	67.09
21	0.000608	99,504	60	99,474	6,192,599	62.23	21	0.000209	99,708	21	99,698	6,590,752	66.10
22	0.000627	99,444	62	99,413	6,093,125	61.27	22	0.000212	99,688	21	99,677	6,491,054	65.11
23	0.000629	99,381	63	99,350	5,993,713	60.31	23	0.000220	99,667	22	99,656	6,391,377	64.13
24	0.000618	99,319	61	99,288	5,894,363	59.35	24	0.000231	99,645	23	99,633	6,291,721	63.14
25	0.000600	99,258	60	99,228	5,795,075	58.38	25	0.000244	99,622	24	99,609	6,192,088	62.16
26	0.000587	99,198	58	99,169	5,695,847	57.42	26	0.000257	99,597	26	99,584	6,092,479	61.17
27	0.000588	99,140	58	99,111	5,596,678	56.45	27	0.000274	99,572	27	99,558	5,992,894	60.19
28	0.000611	99,081	61	99,051	5,497,567	55.49	28	0.000294	99,544	29	99,530	5,893,336	59.20
29	0.000650	99,021	64	98,989	5,398,516	54.52	29	0.000318	99,515	32	99,499	5,793,807	58.22
30	0.000697	98,957	69	98,922	5,299,528	53.55	30	0.000344	99,483	34	99,466	5,694,307	57.24
31	0.000741	98,888	73	98,851	5,200,606	52.59	31	0.000372	99,449	37	99,431	5,594,841	56.26
32	0.000784	98,814	77	98,776	5,101,755	51.63	32	0.000403	99,412	40	99,392	5,495,410	55.28
33	0.000822	98,737	81	98,696	5,002,979	50.67	33	0.000437	99,372	43	99,350	5,396,018	54.30
34	0.000857	98,656	85	98,613	4,904,283	49.71	34	0.000473	99,329	47	99,305	5,296,668	53.32
35	0.000895	98,571	88	98,527	4,805,670	48.75	35	0.000512	99,282	51	99,256	5,197,362	52.35
36	0.000940	98,483	93	98,437	4,707,143	47.80	36	0.000553	99,231	55	99,204	5,098,106	51.38
37	0.000995	98,390	98	98,341	4,608,706	46.84	37	0.000595	99,176	59	99,147	4,998,902	50.40
38	0.001061	98,292	104	98,240	4,510,365	45.89	38	0.000635	99,117	63	99,086	4,899,756	49.43
39	0.001137	98,188	112	98,132	4,412,124	44.94	39	0.000676	99,054	67	99,021	4,800,670	48.47



**Table 6 – Period Life Tables for U. S. Social Security Area by Calendar Year and Sex**

Male							Female						
x	q <sub>x</sub>	l <sub>x</sub>	d <sub>x</sub>	L <sub>x</sub>	T <sub>x</sub>	e <sub>x</sub>	x	q <sub>x</sub>	l <sub>x</sub>	d <sub>x</sub>	L <sub>x</sub>	T <sub>x</sub>	e <sub>x</sub>
<b>Calendar Year 2100</b>													
40	0.001222	98,077	120	98,017	4,313,992	43.99	40	0.000721	98,987	71	98,951	4,701,650	47.50
41	0.001309	97,957	128	97,893	4,215,975	43.04	41	0.000772	98,916	76	98,878	4,602,698	46.53
42	0.001394	97,828	136	97,760	4,118,083	42.09	42	0.000823	98,839	81	98,799	4,503,821	45.57
43	0.001472	97,692	144	97,620	4,020,322	41.15	43	0.000875	98,758	86	98,715	4,405,022	44.60
44	0.001549	97,548	151	97,473	3,922,702	40.21	44	0.000929	98,672	92	98,626	4,306,307	43.64
45	0.001636	97,397	159	97,317	3,825,229	39.27	45	0.000991	98,580	98	98,531	4,207,681	42.68
46	0.001737	97,238	169	97,153	3,727,912	38.34	46	0.001064	98,482	105	98,430	4,109,149	41.72
47	0.001844	97,069	179	96,979	3,630,759	37.40	47	0.001150	98,378	113	98,321	4,010,719	40.77
48	0.001956	96,890	190	96,795	3,533,779	36.47	48	0.001249	98,264	123	98,203	3,912,398	39.82
49	0.002079	96,700	201	96,600	3,436,984	35.54	49	0.001362	98,142	134	98,075	3,814,195	38.86
50	0.002221	96,499	214	96,392	3,340,384	34.62	50	0.001492	98,008	146	97,935	3,716,121	37.92
51	0.002390	96,285	230	96,170	3,243,992	33.69	51	0.001638	97,862	160	97,782	3,618,186	36.97
52	0.002586	96,055	248	95,931	3,147,822	32.77	52	0.001803	97,701	176	97,613	3,520,404	36.03
53	0.002816	95,807	270	95,672	3,051,891	31.85	53	0.001988	97,525	194	97,428	3,422,791	35.10
54	0.003081	95,537	294	95,390	2,956,220	30.94	54	0.002195	97,331	214	97,225	3,325,362	34.17
55	0.003398	95,242	324	95,081	2,860,830	30.04	55	0.002434	97,118	236	97,000	3,228,138	33.24
56	0.003757	94,919	357	94,740	2,765,750	29.14	56	0.002700	96,881	262	96,751	3,131,138	32.32
57	0.004135	94,562	391	94,367	2,671,009	28.25	57	0.002976	96,620	288	96,476	3,034,388	31.41
58	0.004523	94,171	426	93,958	2,576,643	27.36	58	0.003259	96,332	314	96,175	2,937,912	30.50
59	0.004944	93,745	463	93,513	2,482,684	26.48	59	0.003562	96,018	342	95,847	2,841,737	29.60
60	0.005388	93,282	503	93,030	2,389,171	25.61	60	0.003884	95,676	372	95,491	2,745,889	28.70
61	0.005920	92,779	549	92,504	2,296,140	24.75	61	0.004259	95,305	406	95,102	2,650,399	27.81
62	0.006629	92,230	611	91,924	2,203,636	23.89	62	0.004729	94,899	449	94,674	2,555,297	26.93
63	0.007559	91,618	693	91,272	2,111,712	23.05	63	0.005316	94,450	502	94,199	2,460,623	26.05
64	0.008660	90,926	787	90,532	2,020,439	22.22	64	0.005997	93,948	563	93,666	2,366,424	25.19
65	0.009899	90,138	892	89,692	1,929,907	21.41	65	0.006761	93,385	631	93,069	2,272,757	24.34
66	0.011156	89,246	996	88,748	1,840,215	20.62	66	0.007550	92,753	700	92,403	2,179,689	23.50
67	0.012322	88,251	1,087	87,707	1,751,466	19.85	67	0.008308	92,053	765	91,670	2,087,286	22.67
68	0.013331	87,163	1,162	86,582	1,663,759	19.09	68	0.009005	91,288	822	90,877	1,995,615	21.86
69	0.014259	86,001	1,226	85,388	1,577,177	18.34	69	0.009681	90,466	876	90,028	1,904,738	21.05
70	0.015298	84,775	1,297	84,126	1,491,789	17.60	70	0.010435	89,590	935	89,123	1,814,710	20.26
71	0.016522	83,478	1,379	82,788	1,407,663	16.86	71	0.011304	88,655	1,002	88,154	1,725,587	19.46
72	0.017846	82,099	1,465	81,366	1,324,875	16.14	72	0.012250	87,653	1,074	87,116	1,637,433	18.68
73	0.019286	80,634	1,555	79,856	1,243,508	15.42	73	0.013282	86,579	1,150	86,004	1,550,316	17.91
74	0.020893	79,079	1,652	78,252	1,163,652	14.72	74	0.014427	85,430	1,232	84,813	1,464,312	17.14
75	0.022861	77,426	1,770	76,541	1,085,400	14.02	75	0.015863	84,197	1,336	83,529	1,379,499	16.38
76	0.025147	75,656	1,903	74,705	1,008,858	13.33	76	0.017511	82,861	1,451	82,136	1,295,969	15.64
77	0.027554	73,754	2,032	72,738	934,153	12.67	77	0.019127	81,410	1,557	80,632	1,213,834	14.91
78	0.030044	71,722	2,155	70,644	861,416	12.01	78	0.020648	79,853	1,649	79,029	1,133,202	14.19
79	0.032801	69,567	2,282	68,426	790,771	11.37	79	0.022264	78,204	1,741	77,334	1,054,173	13.48

**Table 6 – Period Life Tables for U. S. Social Security Area by Calendar Year and Sex**

Male							Female						
x	q <sub>x</sub>	l <sub>x</sub>	d <sub>x</sub>	L <sub>x</sub>	T <sub>x</sub>	e <sub>x</sub>	x	q <sub>x</sub>	l <sub>x</sub>	d <sub>x</sub>	L <sub>x</sub>	T <sub>x</sub>	e <sub>x</sub>
<b>Calendar Year 2100</b>													
80	0.035775	67,285	2,407	66,081	722,346	10.74	80	0.024073	76,463	1,841	75,543	976,839	12.78
81	0.039454	64,878	2,560	63,598	656,264	10.12	81	0.026484	74,623	1,976	73,634	901,296	12.08
82	0.044491	62,318	2,773	60,932	592,666	9.51	82	0.029923	72,646	2,174	71,559	827,661	11.39
83	0.051202	59,546	3,049	58,021	531,734	8.93	83	0.034642	70,473	2,441	69,252	756,102	10.73
84	0.059214	56,497	3,345	54,824	473,713	8.38	84	0.040415	68,031	2,749	66,656	686,850	10.10
85	0.067933	53,151	3,611	51,346	418,889	7.88	85	0.046858	65,282	3,059	63,752	620,194	9.50
86	0.076862	49,541	3,808	47,637	367,543	7.42	86	0.053650	62,223	3,338	60,554	556,441	8.94
87	0.085704	45,733	3,919	43,773	319,907	7.00	87	0.060609	58,885	3,569	57,100	495,888	8.42
88	0.094382	41,813	3,946	39,840	276,134	6.60	88	0.067701	55,316	3,745	53,443	438,788	7.93
89	0.103013	37,867	3,901	35,916	236,294	6.24	89	0.075029	51,571	3,869	49,636	385,345	7.47
90	0.111775	33,966	3,797	32,068	200,377	5.90	90	0.082739	47,701	3,947	45,728	335,709	7.04
91	0.120874	30,170	3,647	28,346	168,309	5.58	91	0.090997	43,755	3,982	41,764	289,981	6.63
92	0.130522	26,523	3,462	24,792	139,963	5.28	92	0.099970	39,773	3,976	37,785	248,217	6.24
93	0.140906	23,061	3,249	21,436	115,171	4.99	93	0.109808	35,797	3,931	33,832	210,432	5.88
94	0.152202	19,812	3,015	18,304	93,735	4.73	94	0.120652	31,866	3,845	29,944	176,600	5.54
95	0.163485	16,796	2,746	15,423	75,431	4.49	95	0.131632	28,021	3,689	26,177	146,656	5.23
96	0.174619	14,050	2,453	12,824	60,008	4.27	96	0.142590	24,333	3,470	22,598	120,479	4.95
97	0.185457	11,597	2,151	10,521	47,184	4.07	97	0.153356	20,863	3,200	19,264	97,881	4.69
98	0.195848	9,446	1,850	8,521	36,663	3.88	98	0.163746	17,664	2,892	16,218	78,618	4.45
99	0.205641	7,596	1,562	6,815	28,142	3.70	99	0.173571	14,771	2,564	13,489	62,400	4.22
100	0.215923	6,034	1,303	5,383	21,327	3.53	100	0.183985	12,208	2,246	11,085	48,911	4.01
101	0.226719	4,731	1,073	4,195	15,944	3.37	101	0.195024	9,962	1,943	8,990	37,826	3.80
102	0.238055	3,659	871	3,223	11,749	3.21	102	0.206726	8,019	1,658	7,190	28,836	3.60
103	0.249958	2,788	697	2,439	8,526	3.06	103	0.219129	6,361	1,394	5,664	21,646	3.40
104	0.262455	2,091	549	1,816	6,087	2.91	104	0.232277	4,967	1,154	4,390	15,982	3.22
105	0.275578	1,542	425	1,330	4,271	2.77	105	0.246214	3,813	939	3,344	11,591	3.04
106	0.289357	1,117	323	955	2,941	2.63	106	0.260986	2,875	750	2,499	8,247	2.87
107	0.303825	794	241	673	1,986	2.50	107	0.276646	2,124	588	1,830	5,748	2.71
108	0.319016	553	176	465	1,312	2.37	108	0.293244	1,537	451	1,311	3,918	2.55
109	0.334967	376	126	313	848	2.25	109	0.310839	1,086	338	917	2,606	2.40
110	0.351715	250	88	206	535	2.14	110	0.329489	748	247	625	1,689	2.26
111	0.369301	162	60	132	328	2.02	111	0.349259	502	175	414	1,064	2.12
112	0.387766	102	40	82	196	1.91	112	0.370214	327	121	266	650	1.99
113	0.407154	63	26	50	113	1.81	113	0.392427	206	81	165	384	1.87
114	0.427512	37	16	29	64	1.71	114	0.415973	125	52	99	218	1.75
115	0.448888	21	10	16	34	1.61	115	0.440931	73	32	57	119	1.63
116	0.471332	12	6	9	18	1.52	116	0.467387	41	19	31	62	1.53
117	0.494899	6	3	5	9	1.43	117	0.494899	22	11	16	31	1.43
118	0.519644	3	2	2	4	1.35	118	0.519644	11	6	8	15	1.35
119	0.545626	2	1	1	2	1.27	119	0.545626	5	3	4	7	1.27

**Table 7 – Cohort Life Tables for U. S. Social Security Area by Year of Birth and Sex**

Male							Female						
x	q <sub>x</sub>	l <sub>x</sub>	d <sub>x</sub>	L <sub>x</sub>	T <sub>x</sub>	e <sub>x</sub>	x	q <sub>x</sub>	l <sub>x</sub>	d <sub>x</sub>	L <sub>x</sub>	T <sub>x</sub>	e <sub>x</sub>
<b>Year of Birth 1900</b>													
0	0.145956	100,000	14,596	90,026	5,151,528	51.52	0	0.119694	100,000	11,969	92,047	5,828,532	58.29
1	0.032822	85,404	2,803	84,003	5,061,502	59.27	1	0.030608	88,031	2,694	86,683	5,736,485	65.16
2	0.016343	82,601	1,350	81,926	4,977,499	60.26	2	0.014885	85,336	1,270	84,701	5,649,801	66.21
3	0.010517	81,251	855	80,824	4,895,572	60.25	3	0.010107	84,066	850	83,641	5,565,100	66.20
4	0.008748	80,397	703	80,045	4,814,748	59.89	4	0.008225	83,216	684	82,874	5,481,459	65.87
5	0.006285	79,693	501	79,443	4,734,703	59.41	5	0.005853	82,532	483	82,290	5,398,585	65.41
6	0.004622	79,193	366	79,010	4,655,260	58.78	6	0.004284	82,049	351	81,873	5,316,295	64.79
7	0.003263	78,827	257	78,698	4,576,251	58.05	7	0.003063	81,697	250	81,572	5,234,422	64.07
8	0.002562	78,569	201	78,469	4,497,553	57.24	8	0.002316	81,447	189	81,353	5,152,850	63.27
9	0.002031	78,368	159	78,288	4,419,084	56.39	9	0.001858	81,258	151	81,183	5,071,497	62.41
10	0.002106	78,209	165	78,127	4,340,796	55.50	10	0.002027	81,107	164	81,025	4,990,314	61.53
11	0.002165	78,044	169	77,960	4,262,669	54.62	11	0.001975	80,943	160	80,863	4,909,289	60.65
12	0.002116	77,875	165	77,793	4,184,710	53.74	12	0.001947	80,783	157	80,705	4,828,426	59.77
13	0.002392	77,710	186	77,617	4,106,917	52.85	13	0.002275	80,626	183	80,534	4,747,722	58.89
14	0.002535	77,525	197	77,426	4,029,299	51.97	14	0.002330	80,442	187	80,349	4,667,188	58.02
15	0.002669	77,328	206	77,225	3,951,873	51.11	15	0.002559	80,255	205	80,152	4,586,839	57.15
16	0.003199	77,122	247	76,998	3,874,648	50.24	16	0.003039	80,050	243	79,928	4,506,687	56.30
17	0.003779	76,875	291	76,730	3,797,650	49.40	17	0.003639	79,806	290	79,661	4,426,759	55.47
18	0.009134	76,584	700	76,235	3,720,920	48.59	18	0.007849	79,516	624	79,204	4,347,098	54.67
19	0.005308	75,885	403	75,683	3,644,686	48.03	19	0.005175	78,892	408	78,688	4,267,894	54.10
20	0.005073	75,482	383	75,291	3,569,002	47.28	20	0.005348	78,484	420	78,274	4,189,206	53.38
21	0.004373	75,099	328	74,935	3,493,711	46.52	21	0.004576	78,064	357	77,885	4,110,932	52.66
22	0.004493	74,771	336	74,603	3,418,776	45.72	22	0.004674	77,707	363	77,525	4,033,047	51.90
23	0.004719	74,435	351	74,259	3,344,174	44.93	23	0.004789	77,343	370	77,158	3,955,522	51.14
24	0.004557	74,084	338	73,915	3,269,914	44.14	24	0.004711	76,973	363	76,792	3,878,364	50.39
25	0.004618	73,746	341	73,576	3,196,000	43.34	25	0.004765	76,610	365	76,428	3,801,572	49.62
26	0.004667	73,405	343	73,234	3,122,424	42.54	26	0.004865	76,245	371	76,060	3,725,144	48.86
27	0.004565	73,063	334	72,896	3,049,190	41.73	27	0.004576	75,874	347	75,701	3,649,084	48.09
28	0.004936	72,729	359	72,550	2,976,294	40.92	28	0.004717	75,527	356	75,349	3,573,383	47.31
29	0.005041	72,370	365	72,188	2,903,744	40.12	29	0.004758	75,171	358	74,992	3,498,034	46.53
30	0.004912	72,005	354	71,829	2,831,556	39.32	30	0.004445	74,813	333	74,647	3,423,042	45.75
31	0.004963	71,652	356	71,474	2,759,728	38.52	31	0.004473	74,481	333	74,314	3,348,395	44.96
32	0.004717	71,296	336	71,128	2,688,254	37.71	32	0.004322	74,148	320	73,987	3,274,081	44.16
33	0.004861	70,960	345	70,787	2,617,126	36.88	33	0.004259	73,827	314	73,670	3,200,093	43.35
34	0.005213	70,615	368	70,431	2,546,338	36.06	34	0.004365	73,513	321	73,352	3,126,423	42.53
35	0.005530	70,247	388	70,053	2,475,907	35.25	35	0.004580	73,192	335	73,024	3,053,071	41.71
36	0.006052	69,858	423	69,647	2,405,855	34.44	36	0.004935	72,857	360	72,677	2,980,047	40.90
37	0.006006	69,436	417	69,227	2,336,208	33.65	37	0.004821	72,497	350	72,322	2,907,370	40.10
38	0.005553	69,019	383	68,827	2,266,981	32.85	38	0.004511	72,148	325	71,985	2,835,048	39.30
39	0.005626	68,635	386	68,442	2,198,154	32.03	39	0.004481	71,822	322	71,661	2,763,063	38.47

**Table 7 – Cohort Life Tables for U. S. Social Security Area by Year of Birth and Sex**

Male							Female						
x	q <sub>x</sub>	l <sub>x</sub>	d <sub>x</sub>	L <sub>x</sub>	T <sub>x</sub>	e <sub>x</sub>	x	q <sub>x</sub>	l <sub>x</sub>	d <sub>x</sub>	L <sub>x</sub>	T <sub>x</sub>	e <sub>x</sub>
<b>Year of Birth 1900</b>													
40	0.005951	68,249	406	68,046	2,129,711	31.20	40	0.004596	71,500	329	71,336	2,691,402	37.64
41	0.006272	67,843	426	67,630	2,061,665	30.39	41	0.004690	71,172	334	71,005	2,620,066	36.81
42	0.006538	67,417	441	67,197	1,994,035	29.58	42	0.004763	70,838	337	70,669	2,549,061	35.98
43	0.007011	66,977	470	66,742	1,926,838	28.77	43	0.005030	70,500	355	70,323	2,478,392	35.15
44	0.007210	66,507	480	66,267	1,860,096	27.97	44	0.005052	70,146	354	69,969	2,408,069	34.33
45	0.007749	66,028	512	65,772	1,793,829	27.17	45	0.005257	69,791	367	69,608	2,338,101	33.50
46	0.007950	65,516	521	65,256	1,728,057	26.38	46	0.005389	69,425	374	69,237	2,268,493	32.68
47	0.008689	64,995	565	64,713	1,662,801	25.58	47	0.005750	69,050	397	68,852	2,199,255	31.85
48	0.009474	64,430	610	64,125	1,598,089	24.80	48	0.005914	68,653	406	68,450	2,130,403	31.03
49	0.010195	63,820	651	63,495	1,533,963	24.04	49	0.006282	68,247	429	68,033	2,061,953	30.21
50	0.010936	63,169	691	62,824	1,470,469	23.28	50	0.006563	67,819	445	67,596	1,993,920	29.40
51	0.012109	62,478	757	62,100	1,407,645	22.53	51	0.007273	67,374	490	67,129	1,926,324	28.59
52	0.013129	61,722	810	61,317	1,345,545	21.80	52	0.007646	66,884	511	66,628	1,859,195	27.80
53	0.014100	60,912	859	60,482	1,284,228	21.08	53	0.008052	66,372	534	66,105	1,792,567	27.01
54	0.014461	60,053	868	59,619	1,223,746	20.38	54	0.008066	65,838	531	65,572	1,726,462	26.22
55	0.015557	59,184	921	58,724	1,164,127	19.67	55	0.008370	65,307	547	65,033	1,660,890	25.43
56	0.016982	58,264	989	57,769	1,105,403	18.97	56	0.009140	64,760	592	64,464	1,595,857	24.64
57	0.018588	57,274	1,065	56,742	1,047,634	18.29	57	0.009899	64,168	635	63,851	1,531,393	23.87
58	0.019844	56,210	1,115	55,652	990,892	17.63	58	0.010381	63,533	660	63,203	1,467,542	23.10
59	0.021579	55,094	1,189	54,500	935,241	16.98	59	0.011076	62,873	696	62,525	1,404,339	22.34
60	0.023924	53,905	1,290	53,260	880,741	16.34	60	0.012370	62,177	769	61,792	1,341,814	21.58
61	0.025624	52,616	1,348	51,942	827,481	15.73	61	0.013310	61,408	817	60,999	1,280,021	20.84
62	0.028128	51,267	1,442	50,546	775,539	15.13	62	0.014744	60,591	893	60,144	1,219,022	20.12
63	0.031119	49,825	1,551	49,050	724,993	14.55	63	0.016062	59,697	959	59,218	1,158,878	19.41
64	0.033024	48,275	1,594	47,478	675,943	14.00	64	0.016735	58,738	983	58,247	1,099,660	18.72
65	0.035538	46,681	1,659	45,851	628,465	13.46	65	0.017936	57,755	1,036	57,237	1,041,414	18.03
66	0.038267	45,022	1,723	44,160	582,614	12.94	66	0.019490	56,719	1,105	56,167	984,176	17.35
67	0.039862	43,299	1,726	42,436	538,454	12.44	67	0.020808	55,614	1,157	55,035	928,009	16.69
68	0.043764	41,573	1,819	40,663	496,018	11.93	68	0.021649	54,457	1,179	53,867	872,974	16.03
69	0.045788	39,753	1,820	38,843	455,355	11.45	69	0.022958	53,278	1,223	52,666	819,107	15.37
70	0.048870	37,933	1,854	37,006	416,511	10.98	70	0.025127	52,055	1,308	51,401	766,440	14.72
71	0.052668	36,079	1,900	35,129	379,505	10.52	71	0.027366	50,747	1,389	50,052	715,040	14.09
72	0.057296	34,179	1,958	33,200	344,376	10.08	72	0.030269	49,358	1,494	48,611	664,987	13.47
73	0.060490	32,221	1,949	31,246	311,176	9.66	73	0.032293	47,864	1,546	47,091	616,376	12.88
74	0.062489	30,272	1,892	29,326	279,929	9.25	74	0.034185	46,318	1,583	45,527	569,285	12.29
75	0.065746	28,380	1,866	27,447	250,603	8.83	75	0.036280	44,735	1,623	43,923	523,759	11.71
76	0.070647	26,514	1,873	25,578	223,156	8.42	76	0.039354	43,112	1,697	42,264	479,835	11.13
77	0.074876	24,641	1,845	23,719	197,578	8.02	77	0.042181	41,415	1,747	40,542	437,572	10.57
78	0.079985	22,796	1,823	21,884	173,860	7.63	78	0.046272	39,668	1,836	38,751	397,030	10.01
79	0.083713	20,973	1,756	20,095	151,975	7.25	79	0.049544	37,833	1,874	36,896	358,279	9.47

**Table 7 – Cohort Life Tables for U. S. Social Security Area by Year of Birth and Sex**

Male							Female						
x	q <sub>x</sub>	l <sub>x</sub>	d <sub>x</sub>	L <sub>x</sub>	T <sub>x</sub>	e <sub>x</sub>	x	q <sub>x</sub>	l <sub>x</sub>	d <sub>x</sub>	L <sub>x</sub>	T <sub>x</sub>	e <sub>x</sub>
<b>Year of Birth 1900</b>													
80	0.092044	19,217	1,769	18,333	131,880	6.86	80	0.056195	35,958	2,021	34,948	321,383	8.94
81	0.097530	17,448	1,702	16,597	113,548	6.51	81	0.060105	33,938	2,040	32,918	286,435	8.44
82	0.102396	15,747	1,612	14,940	96,950	6.16	82	0.064534	31,898	2,059	30,869	253,518	7.95
83	0.113527	14,134	1,605	13,332	82,010	5.80	83	0.072905	29,839	2,175	28,752	222,649	7.46
84	0.120950	12,530	1,515	11,772	68,678	5.48	84	0.079789	27,664	2,207	26,560	193,897	7.01
85	0.131872	11,014	1,452	10,288	56,906	5.17	85	0.088881	25,457	2,263	24,325	167,337	6.57
86	0.140378	9,562	1,342	8,891	46,618	4.88	86	0.096604	23,194	2,241	22,074	143,011	6.17
87	0.150275	8,219	1,235	7,602	37,728	4.59	87	0.106386	20,953	2,229	19,839	120,938	5.77
88	0.166892	6,984	1,166	6,401	30,126	4.31	88	0.119683	18,724	2,241	17,604	101,099	5.40
89	0.173363	5,819	1,009	5,314	23,725	4.08	89	0.126896	16,483	2,092	15,437	83,495	5.07
90	0.185086	4,810	890	4,365	18,410	3.83	90	0.137179	14,392	1,974	13,405	68,057	4.73
91	0.196911	3,920	772	3,534	14,046	3.58	91	0.148637	12,417	1,846	11,495	54,653	4.40
92	0.212410	3,148	669	2,814	10,512	3.34	92	0.160066	10,572	1,692	9,726	43,158	4.08
93	0.234577	2,479	582	2,188	7,698	3.11	93	0.184228	8,880	1,636	8,062	33,433	3.77
94	0.253525	1,898	481	1,657	5,510	2.90	94	0.200213	7,244	1,450	6,519	25,371	3.50
95	0.273397	1,417	387	1,223	3,853	2.72	95	0.220063	5,793	1,275	5,156	18,853	3.25
96	0.292472	1,029	301	879	2,630	2.56	96	0.238511	4,518	1,078	3,980	13,697	3.03
97	0.313169	728	228	614	1,751	2.40	97	0.259916	3,441	894	2,994	9,717	2.82
98	0.330113	500	165	418	1,137	2.27	98	0.278809	2,546	710	2,191	6,723	2.64
99	0.353619	335	118	276	720	2.15	99	0.306705	1,836	563	1,555	4,532	2.47
100	0.362806	217	79	177	444	2.05	100	0.316766	1,273	403	1,072	2,977	2.34
101	0.383165	138	53	112	266	1.93	101	0.337387	870	293	723	1,905	2.19
102	0.404682	85	34	68	155	1.82	102	0.359451	576	207	473	1,182	2.05
103	0.426361	51	22	40	87	1.72	103	0.382086	369	141	299	709	1.92
104	0.448299	29	13	23	47	1.62	104	0.405386	228	92	182	411	1.80
105	0.470608	16	8	12	25	1.53	105	0.429437	136	58	107	229	1.69
106	0.493375	8	4	6	12	1.44	106	0.454348	77	35	60	122	1.58
107	0.516712	4	2	3	6	1.36	107	0.480217	42	20	32	62	1.48
108	0.540701	2	1	2	3	1.29	108	0.507133	22	11	16	30	1.38
109	0.565427	1	1	1	1	1.22	109	0.535221	11	6	8	14	1.29
110	0.590968	0	0	0	0	1.15	110	0.564564	5	3	4	6	1.21
111	0.617394	0	0	0	0	1.08	111	0.595256	2	1	2	2	1.13
112	0.644795	0	0	0	0	1.02	112	0.627394	1	1	1	1	1.05
113	0.673220	0	0	0	0	0.96	113	0.661108	0	0	0	0	0.98
114	0.702763	0	0	0	0	0.90	114	0.696477	0	0	0	0	0.91
115	0.733473	0	0	0	0	0.84	115	0.733473	0	0	0	0	0.84
116	0.765426	0	0	0	0	0.79	116	0.765426	0	0	0	0	0.79
117	0.798696	0	0	0	0	0.74	117	0.798696	0	0	0	0	0.74
118	0.833348	0	0	0	0	0.69	118	0.833348	0	0	0	0	0.69
119	0.869457	0	0	0	0	0.64	119	0.869457	0	0	0	0	0.64

**Table 7 – Cohort Life Tables for U. S. Social Security Area by Year of Birth and Sex**

Male							Female						
x	q <sub>x</sub>	l <sub>x</sub>	d <sub>x</sub>	L <sub>x</sub>	T <sub>x</sub>	e <sub>x</sub>	x	q <sub>x</sub>	l <sub>x</sub>	d <sub>x</sub>	L <sub>x</sub>	T <sub>x</sub>	e <sub>x</sub>
<b>Year of Birth 1910</b>													
0	0.120059	100,000	12,006	91,343	5,619,674	56.20	0	0.098259	100,000	9,826	93,083	6,373,595	63.74
1	0.022843	87,994	2,010	86,989	5,528,331	62.83	1	0.021592	90,174	1,947	89,201	6,280,512	69.65
2	0.011035	85,984	949	85,510	5,441,342	63.28	2	0.009866	88,227	870	87,792	6,191,312	70.17
3	0.008333	85,035	709	84,681	5,355,833	62.98	3	0.007822	87,357	683	87,015	6,103,520	69.87
4	0.005795	84,327	489	84,082	5,271,152	62.51	4	0.005364	86,673	465	86,441	6,016,505	69.42
5	0.004095	83,838	343	83,666	5,187,069	61.87	5	0.003715	86,208	320	86,048	5,930,064	68.79
6	0.003533	83,495	295	83,347	5,103,403	61.12	6	0.003112	85,888	267	85,754	5,844,015	68.04
7	0.002825	83,200	235	83,082	5,020,056	60.34	7	0.002426	85,621	208	85,517	5,758,261	67.25
8	0.003546	82,965	294	82,818	4,936,974	59.51	8	0.003317	85,413	283	85,271	5,672,744	66.42
9	0.002348	82,670	194	82,573	4,854,156	58.72	9	0.002052	85,130	175	85,042	5,587,472	65.63
10	0.002158	82,476	178	82,387	4,771,583	57.85	10	0.001844	84,955	157	84,877	5,502,430	64.77
11	0.002140	82,298	176	82,210	4,689,195	56.98	11	0.001778	84,798	151	84,723	5,417,553	63.89
12	0.001936	82,122	159	82,043	4,606,985	56.10	12	0.001640	84,648	139	84,578	5,332,830	63.00
13	0.002182	81,963	179	81,874	4,524,942	55.21	13	0.001863	84,509	157	84,430	5,248,251	62.10
14	0.002326	81,784	190	81,689	4,443,068	54.33	14	0.002025	84,351	171	84,266	5,163,821	61.22
15	0.002611	81,594	213	81,488	4,361,379	53.45	15	0.002384	84,181	201	84,080	5,079,555	60.34
16	0.002840	81,381	231	81,266	4,279,892	52.59	16	0.002669	83,980	224	83,868	4,995,475	59.48
17	0.002996	81,150	243	81,028	4,198,626	51.74	17	0.002834	83,756	237	83,637	4,911,607	58.64
18	0.003524	80,907	285	80,764	4,117,598	50.89	18	0.003296	83,518	275	83,381	4,827,970	57.81
19	0.003702	80,622	298	80,472	4,036,833	50.07	19	0.003464	83,243	288	83,099	4,744,589	57.00
20	0.003737	80,323	300	80,173	3,956,361	49.26	20	0.003407	82,955	283	82,814	4,661,490	56.19
21	0.003805	80,023	304	79,871	3,876,188	48.44	21	0.003508	82,672	290	82,527	4,578,676	55.38
22	0.003564	79,719	284	79,577	3,796,317	47.62	22	0.003350	82,382	276	82,244	4,496,149	54.58
23	0.003588	79,434	285	79,292	3,716,740	46.79	23	0.003256	82,106	267	81,973	4,413,905	53.76
24	0.003736	79,149	296	79,002	3,637,448	45.96	24	0.003310	81,839	271	81,703	4,331,933	52.93
25	0.003792	78,854	299	78,704	3,558,447	45.13	25	0.003360	81,568	274	81,431	4,250,229	52.11
26	0.003962	78,555	311	78,399	3,479,742	44.30	26	0.003567	81,294	290	81,149	4,168,798	51.28
27	0.003846	78,244	301	78,093	3,401,343	43.47	27	0.003325	81,004	269	80,869	4,087,649	50.46
28	0.003406	77,943	265	77,810	3,323,250	42.64	28	0.002977	80,735	240	80,614	4,006,780	49.63
29	0.003311	77,677	257	77,549	3,245,440	41.78	29	0.002849	80,494	229	80,380	3,926,166	48.78
30	0.003397	77,420	263	77,288	3,167,892	40.92	30	0.002769	80,265	222	80,154	3,845,786	47.91
31	0.003446	77,157	266	77,024	3,090,603	40.06	31	0.002733	80,043	219	79,933	3,765,632	47.05
32	0.003534	76,891	272	76,755	3,013,579	39.19	32	0.002643	79,824	211	79,718	3,685,699	46.17
33	0.003583	76,619	275	76,482	2,936,824	38.33	33	0.002800	79,613	223	79,501	3,605,981	45.29
34	0.003745	76,345	286	76,202	2,860,342	37.47	34	0.002821	79,390	224	79,278	3,526,479	44.42
35	0.004109	76,059	313	75,903	2,784,140	36.61	35	0.002875	79,166	228	79,052	3,447,201	43.54
36	0.003721	75,746	282	75,605	2,708,238	35.75	36	0.002799	78,938	221	78,828	3,368,149	42.67
37	0.003808	75,465	287	75,321	2,632,632	34.89	37	0.002794	78,718	220	78,608	3,289,321	41.79
38	0.003989	75,177	300	75,027	2,557,311	34.02	38	0.002840	78,498	223	78,386	3,210,713	40.90
39	0.004145	74,877	310	74,722	2,482,284	33.15	39	0.002834	78,275	222	78,164	3,132,327	40.02

**Table 7 – Cohort Life Tables for U. S. Social Security Area by Year of Birth and Sex**

Male							Female						
x	q <sub>x</sub>	l <sub>x</sub>	d <sub>x</sub>	L <sub>x</sub>	T <sub>x</sub>	e <sub>x</sub>	x	q <sub>x</sub>	l <sub>x</sub>	d <sub>x</sub>	L <sub>x</sub>	T <sub>x</sub>	e <sub>x</sub>
<b>Year of Birth 1910</b>													
40	0.004356	74,567	325	74,405	2,407,562	32.29	40	0.002974	78,053	232	77,937	3,054,164	39.13
41	0.004864	74,242	361	74,062	2,333,158	31.43	41	0.003185	77,821	248	77,697	2,976,227	38.24
42	0.005191	73,881	384	73,689	2,259,096	30.58	42	0.003318	77,573	257	77,444	2,898,530	37.37
43	0.005586	73,497	411	73,292	2,185,407	29.73	43	0.003462	77,315	268	77,182	2,821,086	36.49
44	0.005672	73,087	415	72,880	2,112,115	28.90	44	0.003506	77,048	270	76,913	2,743,904	35.61
45	0.006168	72,672	448	72,448	2,039,235	28.06	45	0.003653	76,778	280	76,637	2,666,992	34.74
46	0.006807	72,224	492	71,978	1,966,787	27.23	46	0.003989	76,497	305	76,345	2,590,354	33.86
47	0.007496	71,732	538	71,464	1,894,808	26.41	47	0.004362	76,192	332	76,026	2,514,010	33.00
48	0.008172	71,195	582	70,904	1,823,345	25.61	48	0.004660	75,860	354	75,683	2,437,984	32.14
49	0.009127	70,613	644	70,291	1,752,441	24.82	49	0.004938	75,506	373	75,320	2,362,301	31.29
50	0.010327	69,969	723	69,607	1,682,150	24.04	50	0.005434	75,133	408	74,929	2,286,981	30.44
51	0.011037	69,246	764	68,864	1,612,543	23.29	51	0.005880	74,725	439	74,505	2,212,052	29.60
52	0.012278	68,482	841	68,061	1,543,679	22.54	52	0.006375	74,286	474	74,049	2,137,547	28.77
53	0.013351	67,641	903	67,189	1,475,618	21.82	53	0.006847	73,812	505	73,559	2,063,498	27.96
54	0.014119	66,738	942	66,267	1,408,429	21.10	54	0.007217	73,307	529	73,042	1,989,938	27.15
55	0.015198	65,796	1,000	65,296	1,342,162	20.40	55	0.007510	72,778	547	72,504	1,916,896	26.34
56	0.016760	64,796	1,086	64,253	1,276,866	19.71	56	0.008077	72,231	583	71,939	1,844,392	25.53
57	0.018039	63,710	1,149	63,135	1,212,614	19.03	57	0.008759	71,648	628	71,334	1,772,452	24.74
58	0.020360	62,560	1,274	61,923	1,149,479	18.37	58	0.009821	71,020	697	70,671	1,701,119	23.95
59	0.021845	61,287	1,339	60,617	1,087,555	17.75	59	0.010412	70,323	732	69,957	1,630,447	23.19
60	0.023475	59,948	1,407	59,244	1,026,938	17.13	60	0.011230	69,590	782	69,200	1,560,491	22.42
61	0.024727	58,541	1,448	57,817	967,694	16.53	61	0.011973	68,809	824	68,397	1,491,291	21.67
62	0.027034	57,093	1,543	56,321	909,877	15.94	62	0.012721	67,985	865	67,553	1,422,894	20.93
63	0.028516	55,550	1,584	54,758	853,556	15.37	63	0.013500	67,120	906	66,667	1,355,341	20.19
64	0.029696	53,965	1,603	53,164	798,799	14.80	64	0.014140	66,214	936	65,746	1,288,674	19.46
65	0.031222	52,363	1,635	51,545	745,634	14.24	65	0.014646	65,278	956	64,800	1,222,928	18.73
66	0.033412	50,728	1,695	49,881	694,089	13.68	66	0.015751	64,322	1,013	63,815	1,158,129	18.01
67	0.035137	49,033	1,723	48,172	644,208	13.14	67	0.016941	63,309	1,073	62,772	1,094,313	17.29
68	0.037710	47,310	1,784	46,418	596,037	12.60	68	0.018310	62,236	1,140	61,666	1,031,541	16.57
69	0.039641	45,526	1,805	44,624	549,618	12.07	69	0.019509	61,097	1,192	60,501	969,875	15.87
70	0.043117	43,721	1,885	42,779	504,995	11.55	70	0.021939	59,905	1,314	59,248	909,374	15.18
71	0.045525	41,836	1,905	40,884	462,216	11.05	71	0.023457	58,590	1,374	57,903	850,126	14.51
72	0.047921	39,932	1,914	38,975	421,332	10.55	72	0.025289	57,216	1,447	56,493	792,223	13.85
73	0.052857	38,018	2,010	37,013	382,357	10.06	73	0.028083	55,769	1,566	54,986	735,731	13.19
74	0.056405	36,009	2,031	34,993	345,343	9.59	74	0.030571	54,203	1,657	53,374	680,744	12.56
75	0.060950	33,978	2,071	32,942	310,350	9.13	75	0.033466	52,546	1,759	51,667	627,370	11.94
76	0.065226	31,907	2,081	30,866	277,408	8.69	76	0.036536	50,787	1,856	49,860	575,703	11.34
77	0.069815	29,825	2,082	28,784	246,542	8.27	77	0.039910	48,932	1,953	47,955	525,844	10.75
78	0.075444	27,743	2,093	26,697	217,758	7.85	78	0.043652	46,979	2,051	45,954	477,888	10.17
79	0.079047	25,650	2,028	24,636	191,061	7.45	79	0.047077	44,928	2,115	43,871	431,935	9.61

**Table 7 – Cohort Life Tables for U. S. Social Security Area by Year of Birth and Sex**

Male							Female						
x	q <sub>x</sub>	l <sub>x</sub>	d <sub>x</sub>	L <sub>x</sub>	T <sub>x</sub>	e <sub>x</sub>	x	q <sub>x</sub>	l <sub>x</sub>	d <sub>x</sub>	L <sub>x</sub>	T <sub>x</sub>	e <sub>x</sub>
<b>Year of Birth 1910</b>													
80	0.084482	23,623	1,996	22,625	166,425	7.05	80	0.050723	42,813	2,172	41,727	388,064	9.06
81	0.090421	21,627	1,956	20,649	143,800	6.65	81	0.055073	40,642	2,238	39,522	346,337	8.52
82	0.096522	19,671	1,899	18,722	123,151	6.26	82	0.060399	38,403	2,320	37,244	306,814	7.99
83	0.107634	17,773	1,913	16,816	104,429	5.88	83	0.068927	36,084	2,487	34,840	269,571	7.47
84	0.115603	15,860	1,833	14,943	87,613	5.52	84	0.075847	33,597	2,548	32,323	234,730	6.99
85	0.125868	14,026	1,765	13,144	72,670	5.18	85	0.084656	31,048	2,628	29,734	202,408	6.52
86	0.136124	12,261	1,669	11,426	59,526	4.85	86	0.093915	28,420	2,669	27,085	172,674	6.08
87	0.148543	10,592	1,573	9,805	48,100	4.54	87	0.103831	25,751	2,674	24,414	145,588	5.65
88	0.160264	9,018	1,445	8,296	38,294	4.25	88	0.116337	23,077	2,685	21,735	121,174	5.25
89	0.178186	7,573	1,349	6,898	29,999	3.96	89	0.132855	20,392	2,709	19,038	99,439	4.88
90	0.190963	6,224	1,189	5,629	23,100	3.71	90	0.143498	17,683	2,538	16,414	80,402	4.55
91	0.207214	5,035	1,043	4,514	17,471	3.47	91	0.158743	15,146	2,404	13,944	63,987	4.22
92	0.224673	3,992	897	3,543	12,957	3.25	92	0.175400	12,741	2,235	11,624	50,043	3.93
93	0.242814	3,095	752	2,719	9,414	3.04	93	0.193048	10,507	2,028	9,492	38,419	3.66
94	0.261548	2,343	613	2,037	6,695	2.86	94	0.211576	8,478	1,794	7,581	28,927	3.41
95	0.280091	1,731	485	1,488	4,658	2.69	95	0.230165	6,685	1,539	5,915	21,346	3.19
96	0.298175	1,246	371	1,060	3,169	2.54	96	0.248510	5,146	1,279	4,507	15,430	3.00
97	0.315545	874	276	736	2,109	2.41	97	0.266292	3,867	1,030	3,352	10,924	2.82
98	0.331944	598	199	499	1,373	2.29	98	0.283181	2,837	803	2,436	7,572	2.67
99	0.347123	400	139	330	874	2.19	99	0.298865	2,034	608	1,730	5,136	2.53
100	0.362803	261	95	214	543	2.08	100	0.315250	1,426	450	1,201	3,406	2.39
101	0.379027	166	63	135	330	1.98	101	0.332388	976	325	814	2,205	2.26
102	0.395849	103	41	83	195	1.89	102	0.350334	652	228	538	1,391	2.13
103	0.413299	62	26	50	112	1.79	103	0.369159	424	156	345	853	2.01
104	0.431435	37	16	29	62	1.71	104	0.388909	267	104	215	508	1.90
105	0.450289	21	9	16	34	1.62	105	0.409649	163	67	130	292	1.79
106	0.469905	11	5	9	18	1.54	106	0.431431	96	42	76	163	1.69
107	0.490330	6	3	5	9	1.46	107	0.454341	55	25	42	87	1.59
108	0.511603	3	2	2	4	1.39	108	0.478424	30	14	23	45	1.49
109	0.533771	2	1	1	2	1.31	109	0.503758	16	8	12	22	1.40
110	0.556872	1	0	1	1	1.24	110	0.530408	8	4	6	10	1.31
111	0.580970	0	0	0	0	1.17	111	0.558459	4	2	3	4	1.23
112	0.606092	0	0	0	0	1.11	112	0.587985	2	1	1	2	1.15
113	0.632283	0	0	0	0	1.05	113	0.619053	1	0	0	1	1.07
114	0.659620	0	0	0	0	0.99	114	0.651790	0	0	0	0	1.00
115	0.688134	0	0	0	0	0.93	115	0.686232	0	0	0	0	0.93
116	0.717821	0	0	0	0	0.87	116	0.717821	0	0	0	0	0.87
117	0.748836	0	0	0	0	0.82	117	0.748836	0	0	0	0	0.82
118	0.781184	0	0	0	0	0.77	118	0.781184	0	0	0	0	0.77
119	0.814955	0	0	0	0	0.72	119	0.814955	0	0	0	0	0.72



**Table 7 – Cohort Life Tables for U. S. Social Security Area by Year of Birth and Sex**

Male							Female						
x	q <sub>x</sub>	l <sub>x</sub>	d <sub>x</sub>	L <sub>x</sub>	T <sub>x</sub>	e <sub>x</sub>	x	q <sub>x</sub>	l <sub>x</sub>	d <sub>x</sub>	L <sub>x</sub>	T <sub>x</sub>	e <sub>x</sub>
<b>Year of Birth 1920</b>													
0	0.085935	100,000	8,594	93,479	6,175,419	61.75	0	0.067733	100,000	6,773	94,964	6,931,760	69.32
1	0.015378	91,407	1,406	90,704	6,081,940	66.54	1	0.014178	93,227	1,322	92,566	6,836,796	73.34
2	0.007517	90,001	677	89,663	5,991,236	66.57	2	0.006495	91,905	597	91,606	6,744,230	73.38
3	0.005639	89,324	504	89,072	5,901,574	66.07	3	0.005211	91,308	476	91,070	6,652,623	72.86
4	0.003883	88,821	345	88,648	5,812,501	65.44	4	0.003503	90,832	318	90,673	6,561,553	72.24
5	0.003013	88,476	267	88,342	5,723,853	64.69	5	0.002670	90,514	242	90,393	6,470,880	71.49
6	0.002631	88,209	232	88,093	5,635,511	63.89	6	0.002249	90,272	203	90,171	6,380,487	70.68
7	0.002216	87,977	195	87,880	5,547,418	63.06	7	0.001781	90,069	160	89,989	6,290,316	69.84
8	0.001956	87,782	172	87,696	5,459,538	62.19	8	0.001557	89,909	140	89,839	6,200,327	68.96
9	0.001756	87,610	154	87,533	5,371,842	61.32	9	0.001340	89,769	120	89,709	6,110,488	68.07
10	0.001532	87,457	134	87,390	5,284,308	60.42	10	0.001161	89,649	104	89,597	6,020,779	67.16
11	0.001491	87,323	130	87,257	5,196,919	59.51	11	0.001170	89,545	105	89,492	5,931,183	66.24
12	0.001509	87,192	132	87,127	5,109,661	58.60	12	0.001164	89,440	104	89,388	5,841,691	65.31
13	0.001621	87,061	141	86,990	5,022,535	57.69	13	0.001238	89,336	111	89,280	5,752,303	64.39
14	0.001822	86,920	158	86,840	4,935,545	56.78	14	0.001431	89,225	128	89,161	5,663,023	63.47
15	0.002052	86,761	178	86,672	4,848,704	55.89	15	0.001613	89,097	144	89,026	5,573,862	62.56
16	0.002366	86,583	205	86,481	4,762,032	55.00	16	0.001872	88,954	167	88,870	5,484,836	61.66
17	0.002513	86,378	217	86,270	4,675,551	54.13	17	0.001946	88,787	173	88,701	5,395,966	60.77
18	0.002333	86,161	201	86,061	4,589,281	53.26	18	0.001905	88,614	169	88,530	5,307,265	59.89
19	0.002338	85,960	201	85,860	4,503,220	52.39	19	0.001874	88,446	166	88,363	5,218,735	59.01
20	0.002442	85,759	209	85,655	4,417,360	51.51	20	0.001905	88,280	168	88,196	5,130,372	58.11
21	0.002654	85,550	227	85,436	4,331,705	50.63	21	0.001920	88,112	169	88,027	5,042,177	57.22
22	0.002865	85,323	244	85,201	4,246,269	49.77	22	0.001897	87,942	167	87,859	4,954,150	56.33
23	0.003525	85,078	300	84,928	4,161,068	48.91	23	0.001898	87,776	167	87,692	4,866,291	55.44
24	0.003688	84,779	313	84,622	4,076,139	48.08	24	0.001815	87,609	159	87,530	4,778,598	54.54
25	0.003594	84,466	304	84,314	3,991,517	47.26	25	0.001708	87,450	149	87,375	4,691,069	53.64
26	0.002313	84,162	195	84,065	3,907,203	46.42	26	0.001625	87,301	142	87,230	4,603,693	52.73
27	0.002168	83,968	182	83,877	3,823,138	45.53	27	0.001563	87,159	136	87,091	4,516,464	51.82
28	0.002102	83,786	176	83,698	3,739,262	44.63	28	0.001446	87,023	126	86,960	4,429,373	50.90
29	0.002060	83,609	172	83,523	3,655,564	43.72	29	0.001424	86,897	124	86,835	4,342,414	49.97
30	0.002133	83,437	178	83,348	3,572,041	42.81	30	0.001431	86,773	124	86,711	4,255,579	49.04
31	0.002220	83,259	185	83,167	3,488,693	41.90	31	0.001456	86,649	126	86,586	4,168,868	48.11
32	0.002270	83,074	189	82,980	3,405,526	40.99	32	0.001479	86,523	128	86,459	4,082,282	47.18
33	0.002323	82,886	193	82,790	3,322,546	40.09	33	0.001488	86,395	129	86,330	3,995,823	46.25
34	0.002296	82,693	190	82,598	3,239,756	39.18	34	0.001494	86,266	129	86,202	3,909,493	45.32
35	0.002425	82,503	200	82,403	3,157,158	38.27	35	0.001580	86,137	136	86,069	3,823,291	44.39
36	0.002555	82,303	210	82,198	3,074,754	37.36	36	0.001661	86,001	143	85,930	3,737,222	43.46
37	0.002877	82,093	236	81,975	2,992,556	36.45	37	0.001875	85,858	161	85,778	3,651,292	42.53
38	0.003105	81,857	254	81,730	2,910,581	35.56	38	0.001956	85,697	168	85,614	3,565,514	41.61
39	0.003370	81,603	275	81,465	2,828,851	34.67	39	0.002084	85,530	178	85,441	3,479,901	40.69

**Table 7 – Cohort Life Tables for U. S. Social Security Area by Year of Birth and Sex**

Male							Female						
x	q <sub>x</sub>	l <sub>x</sub>	d <sub>x</sub>	L <sub>x</sub>	T <sub>x</sub>	e <sub>x</sub>	x	q <sub>x</sub>	l <sub>x</sub>	d <sub>x</sub>	L <sub>x</sub>	T <sub>x</sub>	e <sub>x</sub>
<b>Year of Birth 1920</b>													
40	0.003754	81,328	305	81,175	2,747,386	33.78	40	0.002348	85,351	200	85,251	3,394,460	39.77
41	0.004108	81,022	333	80,856	2,666,211	32.91	41	0.002458	85,151	209	85,046	3,309,209	38.86
42	0.004510	80,690	364	80,508	2,585,355	32.04	42	0.002734	84,942	232	84,826	3,224,162	37.96
43	0.005009	80,326	402	80,125	2,504,847	31.18	43	0.003014	84,710	255	84,582	3,139,337	37.06
44	0.005573	79,923	445	79,701	2,424,723	30.34	44	0.003244	84,454	274	84,317	3,054,755	36.17
45	0.006078	79,478	483	79,236	2,345,022	29.51	45	0.003587	84,180	302	84,029	2,970,438	35.29
46	0.006813	78,995	538	78,726	2,265,785	28.68	46	0.003927	83,878	329	83,714	2,886,408	34.41
47	0.007457	78,457	585	78,164	2,187,060	27.88	47	0.004216	83,549	352	83,373	2,802,695	33.55
48	0.008418	77,872	656	77,544	2,108,895	27.08	48	0.004672	83,197	389	83,002	2,719,322	32.69
49	0.009037	77,216	698	76,867	2,031,352	26.31	49	0.004870	82,808	403	82,606	2,636,320	31.84
50	0.009718	76,518	744	76,146	1,954,484	25.54	50	0.005281	82,405	435	82,187	2,553,714	30.99
51	0.010331	75,775	783	75,383	1,878,338	24.79	51	0.005563	81,970	456	81,742	2,471,527	30.15
52	0.011252	74,992	844	74,570	1,802,955	24.04	52	0.005774	81,514	471	81,278	2,389,785	29.32
53	0.011958	74,148	887	73,705	1,728,385	23.31	53	0.006239	81,043	506	80,790	2,308,507	28.49
54	0.012722	73,261	932	72,795	1,654,680	22.59	54	0.006517	80,537	525	80,275	2,227,717	27.66
55	0.013402	72,329	969	71,845	1,581,884	21.87	55	0.006861	80,012	549	79,738	2,147,442	26.84
56	0.014224	71,360	1,015	70,852	1,510,040	21.16	56	0.007258	79,463	577	79,175	2,067,704	26.02
57	0.014949	70,345	1,052	69,819	1,439,187	20.46	57	0.007597	78,887	599	78,587	1,988,529	25.21
58	0.015978	69,293	1,107	68,740	1,369,368	19.76	58	0.008131	78,287	637	77,969	1,909,942	24.40
59	0.017016	68,186	1,160	67,606	1,300,628	19.07	59	0.008622	77,651	670	77,316	1,831,973	23.59
60	0.018438	67,026	1,236	66,408	1,233,022	18.40	60	0.009543	76,981	735	76,614	1,754,657	22.79
61	0.019548	65,790	1,286	65,147	1,166,614	17.73	61	0.010297	76,247	785	75,854	1,678,043	22.01
62	0.020905	64,504	1,348	63,830	1,101,467	17.08	62	0.011120	75,462	839	75,042	1,602,189	21.23
63	0.022767	63,156	1,438	62,437	1,037,637	16.43	63	0.012180	74,622	909	74,168	1,527,147	20.46
64	0.024588	61,718	1,518	60,959	975,201	15.80	64	0.013138	73,714	968	73,229	1,452,979	19.71
65	0.026560	60,200	1,599	59,401	914,242	15.19	65	0.014234	72,745	1,035	72,227	1,379,750	18.97
66	0.028390	58,601	1,664	57,769	854,841	14.59	66	0.015512	71,710	1,112	71,153	1,307,522	18.23
67	0.030253	56,938	1,723	56,076	797,071	14.00	67	0.016657	70,597	1,176	70,009	1,236,369	17.51
68	0.033634	55,215	1,857	54,287	740,995	13.42	68	0.018243	69,421	1,266	68,788	1,166,360	16.80
69	0.034863	53,358	1,860	52,428	686,709	12.87	69	0.019324	68,155	1,317	67,496	1,097,571	16.10
70	0.036604	51,498	1,885	50,555	634,281	12.32	70	0.020538	66,838	1,373	66,151	1,030,075	15.41
71	0.038725	49,613	1,921	48,652	583,725	11.77	71	0.022105	65,465	1,447	64,742	963,924	14.72
72	0.041838	47,691	1,995	46,694	535,073	11.22	72	0.024046	64,018	1,539	63,248	899,182	14.05
73	0.045662	45,696	2,087	44,653	488,379	10.69	73	0.026476	62,479	1,654	61,652	835,934	13.38
74	0.047800	43,610	2,085	42,567	443,727	10.17	74	0.028603	60,824	1,740	59,955	774,282	12.73
75	0.051776	41,525	2,150	40,450	401,159	9.66	75	0.031454	59,085	1,858	58,155	714,328	12.09
76	0.055774	39,375	2,196	38,277	360,709	9.16	76	0.034500	57,226	1,974	56,239	656,172	11.47
77	0.059923	37,179	2,228	36,065	322,432	8.67	77	0.037494	55,252	2,072	54,216	599,933	10.86
78	0.064814	34,951	2,265	33,818	286,367	8.19	78	0.041289	53,180	2,196	52,082	545,717	10.26
79	0.070846	32,686	2,316	31,528	252,549	7.73	79	0.046230	50,985	2,357	49,806	493,634	9.68

**Table 7 – Cohort Life Tables for U. S. Social Security Area by Year of Birth and Sex**

Male							Female						
x	q <sub>x</sub>	l <sub>x</sub>	d <sub>x</sub>	L <sub>x</sub>	T <sub>x</sub>	e <sub>x</sub>	x	q <sub>x</sub>	l <sub>x</sub>	d <sub>x</sub>	L <sub>x</sub>	T <sub>x</sub>	e <sub>x</sub>
<b>Year of Birth 1920</b>													
80	0.076837	30,370	2,334	29,203	221,021	7.28	80	0.050614	48,628	2,461	47,397	443,828	9.13
81	0.084155	28,037	2,359	26,857	191,818	6.84	81	0.056227	46,166	2,596	44,868	396,431	8.59
82	0.092346	25,677	2,371	24,492	164,961	6.42	82	0.062423	43,571	2,720	42,211	351,563	8.07
83	0.101346	23,306	2,362	22,125	140,469	6.03	83	0.069054	40,851	2,821	39,440	309,352	7.57
84	0.111184	20,944	2,329	19,780	118,344	5.65	84	0.076275	38,030	2,901	36,579	269,912	7.10
85	0.121877	18,615	2,269	17,481	98,564	5.29	85	0.084305	35,129	2,962	33,648	233,332	6.64
86	0.133417	16,347	2,181	15,256	81,084	4.96	86	0.093322	32,168	3,002	30,667	199,684	6.21
87	0.145760	14,166	2,065	13,133	65,827	4.65	87	0.103421	29,166	3,016	27,657	169,018	5.80
88	0.158847	12,101	1,922	11,140	52,694	4.35	88	0.114621	26,149	2,997	24,651	141,360	5.41
89	0.172624	10,179	1,757	9,300	41,554	4.08	89	0.126879	23,152	2,938	21,683	116,710	5.04
90	0.187046	8,422	1,575	7,634	32,254	3.83	90	0.140143	20,215	2,833	18,798	95,026	4.70
91	0.202089	6,846	1,384	6,155	24,620	3.60	91	0.154360	17,382	2,683	16,040	76,228	4.39
92	0.217740	5,463	1,189	4,868	18,466	3.38	92	0.169485	14,699	2,491	13,453	60,188	4.09
93	0.234002	4,273	1,000	3,773	13,598	3.18	93	0.185487	12,207	2,264	11,075	46,735	3.83
94	0.250890	3,273	821	2,863	9,824	3.00	94	0.202347	9,943	2,012	8,937	35,660	3.59
95	0.267558	2,452	656	2,124	6,962	2.84	95	0.219210	7,931	1,739	7,062	26,723	3.37
96	0.283792	1,796	510	1,541	4,837	2.69	96	0.235815	6,193	1,460	5,462	19,661	3.17
97	0.299374	1,286	385	1,094	3,296	2.56	97	0.251894	4,732	1,192	4,136	14,199	3.00
98	0.314080	901	283	760	2,202	2.44	98	0.267150	3,540	946	3,067	10,062	2.84
99	0.327689	618	203	517	1,443	2.33	99	0.281296	2,594	730	2,230	6,995	2.70
100	0.341871	416	142	345	926	2.23	100	0.296177	1,865	552	1,589	4,766	2.56
101	0.356665	274	98	225	581	2.13	101	0.311841	1,312	409	1,108	3,177	2.42
102	0.372088	176	65	143	357	2.03	102	0.328328	903	297	755	2,069	2.29
103	0.388167	110	43	89	213	1.93	103	0.345676	607	210	502	1,314	2.17
104	0.404949	68	27	54	124	1.84	104	0.363956	397	144	325	813	2.05
105	0.422455	40	17	32	70	1.75	105	0.383189	252	97	204	488	1.93
106	0.440680	23	10	18	39	1.66	106	0.403415	156	63	124	284	1.82
107	0.459720	13	6	10	21	1.58	107	0.424722	93	39	73	160	1.72
108	0.479579	7	3	5	11	1.50	108	0.447162	53	24	41	86	1.62
109	0.500312	4	2	3	5	1.42	109	0.470802	30	14	23	45	1.52
110	0.521957	2	1	1	2	1.35	110	0.495712	16	8	12	22	1.43
111	0.544545	1	0	1	1	1.28	111	0.521936	8	4	6	11	1.34
112	0.568132	0	0	0	0	1.21	112	0.549582	4	2	3	5	1.25
113	0.592747	0	0	0	0	1.14	113	0.578685	2	1	1	2	1.17
114	0.618435	0	0	0	0	1.08	114	0.609363	1	0	0	1	1.09
115	0.645270	0	0	0	0	1.02	115	0.641677	0	0	0	0	1.02
116	0.673268	0	0	0	0	0.96	116	0.673268	0	0	0	0	0.96
117	0.702507	0	0	0	0	0.90	117	0.702507	0	0	0	0	0.90
118	0.733034	0	0	0	0	0.84	118	0.733034	0	0	0	0	0.84
119	0.764905	0	0	0	0	0.79	119	0.764905	0	0	0	0	0.79

**Table 7 – Cohort Life Tables for U. S. Social Security Area by Year of Birth and Sex**

Male							Female						
x	q <sub>x</sub>	l <sub>x</sub>	d <sub>x</sub>	L <sub>x</sub>	T <sub>x</sub>	e <sub>x</sub>	x	q <sub>x</sub>	l <sub>x</sub>	d <sub>x</sub>	L <sub>x</sub>	T <sub>x</sub>	e <sub>x</sub>
<b>Year of Birth 1930</b>													
0	0.064952	100,000	6,495	94,826	6,603,184	66.03	0	0.051786	100,000	5,179	95,945	7,301,132	73.01
1	0.010131	93,505	947	93,031	6,508,358	69.60	1	0.009081	94,821	861	94,391	7,205,187	75.99
2	0.004671	92,558	432	92,341	6,415,327	69.31	2	0.004085	93,960	384	93,768	7,110,796	75.68
3	0.003410	92,125	314	91,968	6,322,986	68.63	3	0.003031	93,577	284	93,435	7,017,027	74.99
4	0.002934	91,811	269	91,676	6,231,018	67.87	4	0.002609	93,293	243	93,171	6,923,593	74.21
5	0.002223	91,542	203	91,440	6,139,341	67.07	5	0.001948	93,049	181	92,959	6,830,422	73.41
6	0.001911	91,338	175	91,251	6,047,901	66.21	6	0.001566	92,868	145	92,795	6,737,463	72.55
7	0.001567	91,164	143	91,092	5,956,650	65.34	7	0.001222	92,723	113	92,666	6,644,667	71.66
8	0.001237	91,021	113	90,964	5,865,558	64.44	8	0.000964	92,609	89	92,565	6,552,001	70.75
9	0.001072	90,908	97	90,859	5,774,594	63.52	9	0.000758	92,520	70	92,485	6,459,436	69.82
10	0.001019	90,811	93	90,764	5,683,734	62.59	10	0.000730	92,450	67	92,416	6,366,951	68.87
11	0.000976	90,718	89	90,674	5,592,970	61.65	11	0.000684	92,383	63	92,351	6,274,535	67.92
12	0.000976	90,630	88	90,585	5,502,296	60.71	12	0.000639	92,319	59	92,290	6,182,184	66.97
13	0.001127	90,541	102	90,490	5,411,710	59.77	13	0.000773	92,260	71	92,225	6,089,894	66.01
14	0.001327	90,439	120	90,379	5,321,220	58.84	14	0.000827	92,189	76	92,151	5,997,669	65.06
15	0.001459	90,319	132	90,253	5,230,841	57.92	15	0.000899	92,113	83	92,071	5,905,518	64.11
16	0.001581	90,187	143	90,116	5,140,588	57.00	16	0.000920	92,030	85	91,988	5,813,447	63.17
17	0.001584	90,045	143	89,973	5,050,472	56.09	17	0.000975	91,945	90	91,901	5,721,459	62.23
18	0.001651	89,902	148	89,828	4,960,499	55.18	18	0.000973	91,856	89	91,811	5,629,559	61.29
19	0.001710	89,754	153	89,677	4,870,671	54.27	19	0.000920	91,766	84	91,724	5,537,748	60.35
20	0.001801	89,600	161	89,520	4,780,994	53.36	20	0.000920	91,682	84	91,640	5,446,024	59.40
21	0.001992	89,439	178	89,350	4,691,474	52.45	21	0.000914	91,598	84	91,556	5,354,384	58.46
22	0.002142	89,261	191	89,165	4,602,124	51.56	22	0.000899	91,514	82	91,473	5,262,829	57.51
23	0.002171	89,069	193	88,973	4,512,959	50.67	23	0.000838	91,432	77	91,393	5,171,356	56.56
24	0.001982	88,876	176	88,788	4,423,986	49.78	24	0.000822	91,355	75	91,317	5,079,963	55.61
25	0.001889	88,700	168	88,616	4,335,198	48.87	25	0.000846	91,280	77	91,241	4,988,645	54.65
26	0.001774	88,532	157	88,454	4,246,582	47.97	26	0.000847	91,203	77	91,164	4,897,404	53.70
27	0.001718	88,375	152	88,299	4,158,128	47.05	27	0.000923	91,125	84	91,083	4,806,240	52.74
28	0.001674	88,224	148	88,150	4,069,829	46.13	28	0.000940	91,041	86	90,998	4,715,156	51.79
29	0.001762	88,076	155	87,998	3,981,679	45.21	29	0.000997	90,956	91	90,910	4,624,158	50.84
30	0.001825	87,921	160	87,840	3,893,681	44.29	30	0.001062	90,865	96	90,817	4,533,247	49.89
31	0.001864	87,760	164	87,678	3,805,840	43.37	31	0.001120	90,769	102	90,718	4,442,430	48.94
32	0.001973	87,597	173	87,510	3,718,162	42.45	32	0.001200	90,667	109	90,612	4,351,713	48.00
33	0.002138	87,424	187	87,330	3,630,652	41.53	33	0.001313	90,558	119	90,499	4,261,100	47.05
34	0.002377	87,237	207	87,133	3,543,321	40.62	34	0.001459	90,439	132	90,373	4,170,602	46.11
35	0.002546	87,030	222	86,919	3,456,188	39.71	35	0.001565	90,307	141	90,237	4,080,228	45.18
36	0.002781	86,808	241	86,687	3,369,269	38.81	36	0.001652	90,166	149	90,091	3,989,992	44.25
37	0.003072	86,567	266	86,434	3,282,582	37.92	37	0.001829	90,017	165	89,935	3,899,900	43.32
38	0.003413	86,301	295	86,153	3,196,149	37.04	38	0.002023	89,852	182	89,761	3,809,966	42.40
39	0.003749	86,006	322	85,845	3,109,995	36.16	39	0.002188	89,671	196	89,572	3,720,204	41.49

**Table 7 – Cohort Life Tables for U. S. Social Security Area by Year of Birth and Sex**

Male							Female						
x	q <sub>x</sub>	l <sub>x</sub>	d <sub>x</sub>	L <sub>x</sub>	T <sub>x</sub>	e <sub>x</sub>	x	q <sub>x</sub>	l <sub>x</sub>	d <sub>x</sub>	L <sub>x</sub>	T <sub>x</sub>	e <sub>x</sub>
<b>Year of Birth 1930</b>													
40	0.004020	85,684	344	85,511	3,024,151	35.29	40	0.002315	89,474	207	89,371	3,630,632	40.58
41	0.004223	85,339	360	85,159	2,938,639	34.43	41	0.002496	89,267	223	89,156	3,541,261	39.67
42	0.004549	84,979	387	84,785	2,853,480	33.58	42	0.002662	89,044	237	88,926	3,452,105	38.77
43	0.004895	84,592	414	84,385	2,768,695	32.73	43	0.002822	88,807	251	88,682	3,363,180	37.87
44	0.005204	84,178	438	83,959	2,684,310	31.89	44	0.002962	88,557	262	88,426	3,274,498	36.98
45	0.005485	83,740	459	83,510	2,600,351	31.05	45	0.003071	88,294	271	88,159	3,186,072	36.08
46	0.005859	83,281	488	83,037	2,516,840	30.22	46	0.003238	88,023	285	87,881	3,097,913	35.19
47	0.006186	82,793	512	82,537	2,433,803	29.40	47	0.003405	87,738	299	87,589	3,010,033	34.31
48	0.006638	82,281	546	82,008	2,351,267	28.58	48	0.003672	87,439	321	87,279	2,922,444	33.42
49	0.007131	81,734	583	81,443	2,269,259	27.76	49	0.003802	87,118	331	86,953	2,835,165	32.54
50	0.007741	81,152	628	80,838	2,187,816	26.96	50	0.004175	86,787	362	86,606	2,748,212	31.67
51	0.008247	80,523	664	80,191	2,106,979	26.17	51	0.004462	86,425	386	86,232	2,661,606	30.80
52	0.008711	79,859	696	79,512	2,026,787	25.38	52	0.004675	86,039	402	85,838	2,575,374	29.93
53	0.009413	79,164	745	78,791	1,947,276	24.60	53	0.005182	85,637	444	85,415	2,489,536	29.07
54	0.010168	78,419	797	78,020	1,868,485	23.83	54	0.005532	85,193	471	84,958	2,404,121	28.22
55	0.011148	77,621	865	77,188	1,790,465	23.07	55	0.006034	84,722	511	84,466	2,319,164	27.37
56	0.011769	76,756	903	76,304	1,713,276	22.32	56	0.006322	84,211	532	83,945	2,234,697	26.54
57	0.012605	75,853	956	75,374	1,636,972	21.58	57	0.006917	83,678	579	83,389	2,150,753	25.70
58	0.013749	74,896	1,030	74,382	1,561,598	20.85	58	0.007724	83,100	642	82,779	2,067,364	24.88
59	0.014702	73,867	1,086	73,324	1,487,216	20.13	59	0.008214	82,458	677	82,119	1,984,585	24.07
60	0.015606	72,781	1,136	72,213	1,413,892	19.43	60	0.008834	81,780	722	81,419	1,902,466	23.26
61	0.016669	71,645	1,194	71,048	1,341,680	18.73	61	0.009508	81,058	771	80,673	1,821,047	22.47
62	0.017709	70,451	1,248	69,827	1,270,632	18.04	62	0.010177	80,287	817	79,879	1,740,375	21.68
63	0.019672	69,203	1,361	68,522	1,200,805	17.35	63	0.011392	79,470	905	79,017	1,660,496	20.89
64	0.021438	67,842	1,454	67,114	1,132,283	16.69	64	0.012381	78,565	973	78,078	1,581,478	20.13
65	0.023278	66,387	1,545	65,615	1,065,169	16.04	65	0.013604	77,592	1,056	77,064	1,503,400	19.38
66	0.025187	64,842	1,633	64,025	999,554	15.42	66	0.014891	76,537	1,140	75,967	1,426,336	18.64
67	0.027060	63,209	1,710	62,353	935,529	14.80	67	0.016005	75,397	1,207	74,793	1,350,369	17.91
68	0.028446	61,498	1,749	60,624	873,175	14.20	68	0.017337	74,190	1,286	73,547	1,275,575	17.19
69	0.030044	59,749	1,795	58,851	812,552	13.60	69	0.018691	72,904	1,363	72,223	1,202,028	16.49
70	0.032289	57,954	1,871	57,018	753,700	13.01	70	0.020035	71,541	1,433	70,825	1,129,806	15.79
71	0.034502	56,083	1,935	55,115	696,682	12.42	71	0.021747	70,108	1,525	69,346	1,058,981	15.11
72	0.036877	54,148	1,997	53,149	641,567	11.85	72	0.023604	68,583	1,619	67,774	989,636	14.43
73	0.039458	52,151	2,058	51,122	588,418	11.28	73	0.025582	66,964	1,713	66,108	921,862	13.77
74	0.042342	50,093	2,121	49,032	537,296	10.73	74	0.027755	65,251	1,811	64,346	855,754	13.11
75	0.045634	47,972	2,189	46,877	488,264	10.18	75	0.030244	63,440	1,919	62,481	791,408	12.47
76	0.049450	45,783	2,264	44,651	441,386	9.64	76	0.033097	61,522	2,036	60,504	728,927	11.85
77	0.053852	43,519	2,344	42,347	396,735	9.12	77	0.036261	59,485	2,157	58,407	668,424	11.24
78	0.058885	41,175	2,425	39,963	354,388	8.61	78	0.039732	57,328	2,278	56,190	610,017	10.64
79	0.064549	38,751	2,501	37,500	314,425	8.11	79	0.043563	55,051	2,398	53,852	553,827	10.06

**Table 7 – Cohort Life Tables for U. S. Social Security Area by Year of Birth and Sex**

Male							Female						
x	q <sub>x</sub>	l <sub>x</sub>	d <sub>x</sub>	L <sub>x</sub>	T <sub>x</sub>	e <sub>x</sub>	x	q <sub>x</sub>	l <sub>x</sub>	d <sub>x</sub>	L <sub>x</sub>	T <sub>x</sub>	e <sub>x</sub>
<b>Year of Birth 1930</b>													
80	0.070788	36,249	2,566	34,966	276,925	7.64	80	0.047920	52,652	2,523	51,391	499,976	9.50
81	0.077670	33,683	2,616	32,375	241,959	7.18	81	0.052850	50,129	2,649	48,805	448,585	8.95
82	0.085388	31,067	2,653	29,741	209,584	6.75	82	0.058322	47,480	2,769	46,095	399,780	8.42
83	0.094085	28,414	2,673	27,078	179,843	6.33	83	0.064434	44,711	2,881	43,270	353,684	7.91
84	0.103755	25,741	2,671	24,406	152,765	5.93	84	0.071327	41,830	2,984	40,338	310,414	7.42
85	0.114293	23,070	2,637	21,752	128,360	5.56	85	0.079104	38,846	3,073	37,310	270,076	6.95
86	0.125554	20,433	2,566	19,151	106,608	5.22	86	0.087805	35,773	3,141	34,203	232,766	6.51
87	0.137411	17,868	2,455	16,640	87,457	4.89	87	0.097422	32,632	3,179	31,043	198,563	6.08
88	0.149776	15,413	2,308	14,258	70,817	4.59	88	0.107933	29,453	3,179	27,864	167,520	5.69
89	0.162629	13,104	2,131	12,039	56,558	4.32	89	0.119311	26,274	3,135	24,707	139,656	5.32
90	0.175984	10,973	1,931	10,008	44,520	4.06	90	0.131546	23,139	3,044	21,618	114,949	4.97
91	0.189873	9,042	1,717	8,184	34,512	3.82	91	0.144636	20,096	2,907	18,642	93,332	4.64
92	0.204351	7,325	1,497	6,577	26,328	3.59	92	0.158595	17,189	2,726	15,826	74,689	4.35
93	0.219469	5,828	1,279	5,189	19,752	3.39	93	0.173439	14,463	2,508	13,209	58,863	4.07
94	0.235289	4,549	1,070	4,014	14,563	3.20	94	0.189194	11,955	2,262	10,824	45,655	3.82
95	0.250901	3,479	873	3,042	10,549	3.03	95	0.204949	9,693	1,987	8,700	34,831	3.59
96	0.266085	2,606	693	2,259	7,507	2.88	96	0.220450	7,706	1,699	6,857	26,132	3.39
97	0.280666	1,913	537	1,644	5,247	2.74	97	0.235456	6,007	1,414	5,300	19,275	3.21
98	0.294420	1,376	405	1,173	3,603	2.62	98	0.249693	4,593	1,147	4,020	13,975	3.04
99	0.307148	971	298	822	2,430	2.50	99	0.262894	3,446	906	2,993	9,955	2.89
100	0.320437	673	216	565	1,608	2.39	100	0.276803	2,540	703	2,189	6,962	2.74
101	0.334303	457	153	381	1,043	2.28	101	0.291447	1,837	535	1,569	4,773	2.60
102	0.348784	304	106	251	663	2.18	102	0.306884	1,302	399	1,102	3,204	2.46
103	0.363896	198	72	162	412	2.08	103	0.323135	902	292	756	2,102	2.33
104	0.379665	126	48	102	250	1.98	104	0.340265	611	208	507	1,346	2.20
105	0.396140	78	31	63	147	1.89	105	0.358310	403	144	331	839	2.08
106	0.413328	47	20	37	85	1.79	106	0.377315	259	98	210	508	1.97
107	0.431278	28	12	22	47	1.71	107	0.397345	161	64	129	298	1.85
108	0.450020	16	7	12	26	1.62	108	0.418447	97	41	77	169	1.75
109	0.469585	9	4	7	13	1.54	109	0.440682	56	25	44	93	1.64
110	0.490008	5	2	3	7	1.46	110	0.464107	32	15	24	49	1.55
111	0.511335	2	1	2	3	1.39	111	0.488805	17	8	13	25	1.45
112	0.533600	1	1	1	2	1.31	112	0.514812	9	4	6	12	1.36
113	0.556851	1	0	0	1	1.24	113	0.542226	4	2	3	5	1.27
114	0.581125	0	0	0	0	1.17	114	0.571101	2	1	1	2	1.19
115	0.606480	0	0	0	0	1.11	115	0.601547	1	0	1	1	1.12
116	0.632951	0	0	0	0	1.04	116	0.632951	0	0	0	0	1.04
117	0.660578	0	0	0	0	0.98	117	0.660578	0	0	0	0	0.98
118	0.689448	0	0	0	0	0.92	118	0.689448	0	0	0	0	0.92
119	0.719648	0	0	0	0	0.87	119	0.719648	0	0	0	0	0.87

**Table 7 – Cohort Life Tables for U. S. Social Security Area by Year of Birth and Sex**

Male							Female						
x	q <sub>x</sub>	l <sub>x</sub>	d <sub>x</sub>	L <sub>x</sub>	T <sub>x</sub>	e <sub>x</sub>	x	q <sub>x</sub>	l <sub>x</sub>	d <sub>x</sub>	L <sub>x</sub>	T <sub>x</sub>	e <sub>x</sub>
<b>Year of Birth 1940</b>													
0	0.052860	100,000	5,286	95,590	6,936,899	69.37	0	0.041627	100,000	4,163	96,576	7,597,129	75.97
1	0.005518	94,714	523	94,453	6,841,309	72.23	1	0.004967	95,837	476	95,599	7,500,553	78.26
2	0.002481	94,191	234	94,075	6,746,856	71.63	2	0.002076	95,361	198	95,262	7,404,954	77.65
3	0.001986	93,958	187	93,864	6,652,782	70.81	3	0.001642	95,163	156	95,085	7,309,691	76.81
4	0.001445	93,771	135	93,703	6,558,917	69.95	4	0.001294	95,007	123	94,946	7,214,606	75.94
5	0.001283	93,636	120	93,576	6,465,214	69.05	5	0.001000	94,884	95	94,837	7,119,661	75.04
6	0.001060	93,515	99	93,466	6,371,638	68.13	6	0.000761	94,789	72	94,753	7,024,824	74.11
7	0.000849	93,416	79	93,377	6,278,172	67.21	7	0.000583	94,717	55	94,689	6,930,071	73.17
8	0.000744	93,337	69	93,302	6,184,796	66.26	8	0.000514	94,662	49	94,638	6,835,382	72.21
9	0.000697	93,268	65	93,235	6,091,493	65.31	9	0.000458	94,613	43	94,592	6,740,744	71.25
10	0.000595	93,203	55	93,175	5,998,258	64.36	10	0.000402	94,570	38	94,551	6,646,153	70.28
11	0.000602	93,147	56	93,119	5,905,083	63.40	11	0.000366	94,532	35	94,515	6,551,602	69.31
12	0.000629	93,091	59	93,062	5,811,964	62.43	12	0.000424	94,497	40	94,477	6,457,087	68.33
13	0.000744	93,032	69	92,998	5,718,903	61.47	13	0.000425	94,457	40	94,437	6,362,610	67.36
14	0.000833	92,963	77	92,925	5,625,905	60.52	14	0.000421	94,417	40	94,397	6,268,173	66.39
15	0.001032	92,886	96	92,838	5,532,980	59.57	15	0.000479	94,377	45	94,355	6,173,776	65.42
16	0.001210	92,790	112	92,734	5,440,142	58.63	16	0.000545	94,332	51	94,306	6,079,422	64.45
17	0.001443	92,678	134	92,611	5,347,408	57.70	17	0.000631	94,281	59	94,251	5,985,115	63.48
18	0.001468	92,544	136	92,476	5,254,797	56.78	18	0.000596	94,221	56	94,193	5,890,864	62.52
19	0.001598	92,408	148	92,334	5,162,321	55.86	19	0.000625	94,165	59	94,136	5,796,671	61.56
20	0.001673	92,260	154	92,183	5,069,987	54.95	20	0.000634	94,106	60	94,076	5,702,536	60.60
21	0.001751	92,106	161	92,025	4,977,804	54.04	21	0.000643	94,047	60	94,016	5,608,459	59.63
22	0.001854	91,945	170	91,860	4,885,778	53.14	22	0.000706	93,986	66	93,953	5,514,443	58.67
23	0.001868	91,774	171	91,689	4,793,919	52.24	23	0.000735	93,920	69	93,885	5,420,490	57.71
24	0.001861	91,603	170	91,518	4,702,230	51.33	24	0.000763	93,851	72	93,815	5,326,605	56.76
25	0.001853	91,432	169	91,348	4,610,713	50.43	25	0.000773	93,779	72	93,743	5,232,790	55.80
26	0.001873	91,263	171	91,178	4,519,365	49.52	26	0.000816	93,707	76	93,668	5,139,047	54.84
27	0.001885	91,092	172	91,006	4,428,188	48.61	27	0.000830	93,630	78	93,591	5,045,378	53.89
28	0.001979	90,920	180	90,830	4,337,182	47.70	28	0.000907	93,552	85	93,510	4,951,787	52.93
29	0.002057	90,740	187	90,647	4,246,351	46.80	29	0.000963	93,468	90	93,423	4,858,277	51.98
30	0.002093	90,554	190	90,459	4,155,704	45.89	30	0.001006	93,378	94	93,331	4,764,854	51.03
31	0.002123	90,364	192	90,268	4,065,245	44.99	31	0.001075	93,284	100	93,233	4,671,524	50.08
32	0.002218	90,172	200	90,072	3,974,977	44.08	32	0.001147	93,183	107	93,130	4,578,290	49.13
33	0.002302	89,972	207	89,869	3,884,904	43.18	33	0.001185	93,076	110	93,021	4,485,160	48.19
34	0.002315	89,765	208	89,661	3,795,036	42.28	34	0.001189	92,966	111	92,911	4,392,139	47.24
35	0.002367	89,557	212	89,451	3,705,374	41.37	35	0.001213	92,856	113	92,799	4,299,228	46.30
36	0.002392	89,345	214	89,239	3,615,923	40.47	36	0.001257	92,743	117	92,685	4,206,428	45.36
37	0.002575	89,132	230	89,017	3,526,684	39.57	37	0.001344	92,626	124	92,564	4,113,744	44.41
38	0.002719	88,902	242	88,781	3,437,667	38.67	38	0.001416	92,502	131	92,436	4,021,179	43.47
39	0.002824	88,661	250	88,535	3,348,886	37.77	39	0.001526	92,371	141	92,300	3,928,743	42.53

**Table 7 – Cohort Life Tables for U. S. Social Security Area by Year of Birth and Sex**

Male							Female						
x	q <sub>x</sub>	l <sub>x</sub>	d <sub>x</sub>	L <sub>x</sub>	T <sub>x</sub>	e <sub>x</sub>	x	q <sub>x</sub>	l <sub>x</sub>	d <sub>x</sub>	L <sub>x</sub>	T <sub>x</sub>	e <sub>x</sub>
<b>Year of Birth 1940</b>													
40	0.003018	88,410	267	88,277	3,260,351	36.88	40	0.001634	92,230	151	92,155	3,836,442	41.60
41	0.003209	88,143	283	88,002	3,172,074	35.99	41	0.001717	92,079	158	92,000	3,744,288	40.66
42	0.003289	87,860	289	87,716	3,084,072	35.10	42	0.001827	91,921	168	91,837	3,652,288	39.73
43	0.003544	87,571	310	87,416	2,996,356	34.22	43	0.001969	91,753	181	91,663	3,560,450	38.80
44	0.003876	87,261	338	87,092	2,908,940	33.34	44	0.002161	91,573	198	91,474	3,468,787	37.88
45	0.004238	86,923	368	86,739	2,821,848	32.46	45	0.002338	91,375	214	91,268	3,377,314	36.96
46	0.004563	86,555	395	86,357	2,735,109	31.60	46	0.002519	91,161	230	91,046	3,286,046	36.05
47	0.004956	86,160	427	85,946	2,648,752	30.74	47	0.002769	90,931	252	90,806	3,195,000	35.14
48	0.005427	85,733	465	85,500	2,562,806	29.89	48	0.003025	90,680	274	90,542	3,104,194	34.23
49	0.005865	85,267	500	85,017	2,477,306	29.05	49	0.003233	90,405	292	90,259	3,013,652	33.33
50	0.006236	84,767	529	84,503	2,392,289	28.22	50	0.003548	90,113	320	89,953	2,923,393	32.44
51	0.006663	84,239	561	83,958	2,307,786	27.40	51	0.003821	89,793	343	89,622	2,833,439	31.56
52	0.007222	83,677	604	83,375	2,223,828	26.58	52	0.004154	89,450	372	89,264	2,743,818	30.67
53	0.008000	83,073	665	82,741	2,140,452	25.77	53	0.004566	89,079	407	88,875	2,654,553	29.80
54	0.008617	82,408	710	82,053	2,057,712	24.97	54	0.004953	88,672	439	88,452	2,565,678	28.93
55	0.009226	81,698	754	81,321	1,975,658	24.18	55	0.005421	88,233	478	87,994	2,477,226	28.08
56	0.009784	80,945	792	80,549	1,894,337	23.40	56	0.005770	87,754	506	87,501	2,389,232	27.23
57	0.010435	80,153	836	79,734	1,813,788	22.63	57	0.006341	87,248	553	86,971	2,301,731	26.38
58	0.011177	79,316	887	78,873	1,734,054	21.86	58	0.006768	86,695	587	86,401	2,214,759	25.55
59	0.012108	78,430	950	77,955	1,655,181	21.10	59	0.007409	86,108	638	85,789	2,128,358	24.72
60	0.013002	77,480	1,007	76,976	1,577,226	20.36	60	0.007992	85,470	683	85,129	2,042,569	23.90
61	0.014027	76,473	1,073	75,936	1,500,250	19.62	61	0.008709	84,787	738	84,418	1,957,440	23.09
62	0.015249	75,400	1,150	74,825	1,424,313	18.89	62	0.009547	84,049	802	83,647	1,873,022	22.28
63	0.016726	74,250	1,242	73,629	1,349,488	18.17	63	0.010528	83,246	876	82,808	1,789,375	21.49
64	0.018413	73,008	1,344	72,336	1,275,859	17.48	64	0.011635	82,370	958	81,891	1,706,567	20.72
65	0.020320	71,664	1,456	70,936	1,203,523	16.79	65	0.012885	81,411	1,049	80,887	1,624,676	19.96
66	0.022297	70,208	1,565	69,425	1,132,587	16.13	66	0.014197	80,362	1,141	79,792	1,543,790	19.21
67	0.024160	68,642	1,658	67,813	1,063,162	15.49	67	0.015467	79,221	1,225	78,609	1,463,998	18.48
68	0.025810	66,984	1,729	66,120	995,349	14.86	68	0.016644	77,996	1,298	77,347	1,385,389	17.76
69	0.027365	65,255	1,786	64,362	929,229	14.24	69	0.017793	76,698	1,365	76,016	1,308,042	17.05
70	0.029120	63,469	1,848	62,545	864,867	13.63	70	0.019090	75,333	1,438	74,614	1,232,026	16.35
71	0.031181	61,621	1,921	60,660	802,321	13.02	71	0.020590	73,895	1,522	73,134	1,157,412	15.66
72	0.033411	59,700	1,995	58,702	741,661	12.42	72	0.022204	72,374	1,607	71,570	1,084,277	14.98
73	0.035831	57,705	2,068	56,671	682,959	11.84	73	0.023944	70,767	1,694	69,919	1,012,707	14.31
74	0.038527	55,637	2,144	54,566	626,287	11.26	74	0.025869	69,072	1,787	68,179	942,787	13.65
75	0.041628	53,494	2,227	52,381	571,721	10.69	75	0.028121	67,285	1,892	66,339	874,609	13.00
76	0.045215	51,267	2,318	50,108	519,341	10.13	76	0.030713	65,393	2,008	64,389	808,269	12.36
77	0.049278	48,949	2,412	47,743	469,233	9.59	77	0.033533	63,385	2,125	62,322	743,880	11.74
78	0.053834	46,537	2,505	45,284	421,490	9.06	78	0.036551	61,259	2,239	60,140	681,558	11.13
79	0.058931	44,032	2,595	42,734	376,206	8.54	79	0.039862	59,020	2,353	57,844	621,418	10.53



**Table 7 – Cohort Life Tables for U. S. Social Security Area by Year of Birth and Sex**

Male							Female						
x	q <sub>x</sub>	l <sub>x</sub>	d <sub>x</sub>	L <sub>x</sub>	T <sub>x</sub>	e <sub>x</sub>	x	q <sub>x</sub>	l <sub>x</sub>	d <sub>x</sub>	L <sub>x</sub>	T <sub>x</sub>	e <sub>x</sub>
<b>Year of Birth 1940</b>													
80	0.064512	41,437	2,673	40,100	333,471	8.05	80	0.043631	56,668	2,472	55,431	563,574	9.95
81	0.070767	38,764	2,743	37,392	293,371	7.57	81	0.048007	54,195	2,602	52,894	508,143	9.38
82	0.078030	36,020	2,811	34,615	255,979	7.11	82	0.053088	51,593	2,739	50,224	455,248	8.82
83	0.086500	33,210	2,873	31,773	221,364	6.67	83	0.059025	48,854	2,884	47,413	405,024	8.29
84	0.096070	30,337	2,914	28,880	189,590	6.25	84	0.065860	45,971	3,028	44,457	357,612	7.78
85	0.106483	27,423	2,920	25,963	160,710	5.86	85	0.073557	42,943	3,159	41,364	313,155	7.29
86	0.117480	24,503	2,879	23,063	134,748	5.50	86	0.082039	39,784	3,264	38,152	271,791	6.83
87	0.128879	21,624	2,787	20,231	111,684	5.16	87	0.091250	36,521	3,332	34,854	233,639	6.40
88	0.140592	18,837	2,648	17,513	91,454	4.85	88	0.101153	33,188	3,357	31,509	198,784	5.99
89	0.152635	16,189	2,471	14,953	73,941	4.57	89	0.111757	29,831	3,334	28,164	167,275	5.61
90	0.165067	13,718	2,264	12,586	58,987	4.30	90	0.123094	26,497	3,262	24,866	139,111	5.25
91	0.177974	11,453	2,038	10,434	46,402	4.05	91	0.135212	23,236	3,142	21,665	114,244	4.92
92	0.191454	9,415	1,803	8,514	35,968	3.82	92	0.148166	20,094	2,977	18,605	92,580	4.61
93	0.205600	7,613	1,565	6,830	27,454	3.61	93	0.162009	17,117	2,773	15,730	73,975	4.32
94	0.220501	6,047	1,333	5,381	20,624	3.41	94	0.176796	14,344	2,536	13,076	58,244	4.06
95	0.235211	4,714	1,109	4,160	15,243	3.23	95	0.191590	11,808	2,262	10,677	45,169	3.83
96	0.249538	3,605	900	3,155	11,084	3.07	96	0.206161	9,545	1,968	8,561	34,492	3.61
97	0.263291	2,706	712	2,349	7,928	2.93	97	0.220269	7,578	1,669	6,743	25,931	3.42
98	0.276273	1,993	551	1,718	5,579	2.80	98	0.233659	5,908	1,381	5,218	19,188	3.25
99	0.288285	1,443	416	1,235	3,861	2.68	99	0.246075	4,528	1,114	3,971	13,970	3.09
100	0.300823	1,027	309	872	2,627	2.56	100	0.259155	3,414	885	2,971	9,999	2.93
101	0.313915	718	225	605	1,754	2.44	101	0.272946	2,529	690	2,184	7,028	2.78
102	0.327584	492	161	412	1,149	2.33	102	0.287469	1,839	529	1,574	4,844	2.63
103	0.341858	331	113	275	737	2.23	103	0.302776	1,310	397	1,112	3,269	2.50
104	0.356761	218	78	179	463	2.12	104	0.318900	913	291	768	2,158	2.36
105	0.372327	140	52	114	284	2.02	105	0.335901	622	209	518	1,390	2.23
106	0.388577	88	34	71	170	1.93	106	0.353810	413	146	340	872	2.11
107	0.405538	54	22	43	99	1.83	107	0.372689	267	100	217	532	1.99
108	0.423262	32	14	25	56	1.74	108	0.392582	167	66	135	315	1.88
109	0.441801	18	8	14	31	1.66	109	0.413552	102	42	81	180	1.77
110	0.461126	10	5	8	16	1.57	110	0.435643	60	26	47	99	1.67
111	0.481303	6	3	4	8	1.49	111	0.458938	34	15	26	53	1.57
112	0.502372	3	1	2	4	1.42	112	0.483480	18	9	14	27	1.47
113	0.524390	1	1	1	2	1.34	113	0.509355	9	5	7	13	1.38
114	0.547371	1	0	0	1	1.27	114	0.536627	5	2	3	6	1.29
115	0.571379	0	0	0	0	1.20	115	0.565359	2	1	2	3	1.21
116	0.596448	0	0	0	0	1.13	116	0.595683	1	1	1	1	1.13
117	0.622646	0	0	0	0	1.07	117	0.622646	0	0	0	0	1.07
118	0.649990	0	0	0	0	1.01	118	0.649990	0	0	0	0	1.01
119	0.678550	0	0	0	0	0.95	119	0.678550	0	0	0	0	0.95

**Table 7 – Cohort Life Tables for U. S. Social Security Area by Year of Birth and Sex**

Male							Female						
x	q <sub>x</sub>	l <sub>x</sub>	d <sub>x</sub>	L <sub>x</sub>	T <sub>x</sub>	e <sub>x</sub>	x	q <sub>x</sub>	l <sub>x</sub>	d <sub>x</sub>	L <sub>x</sub>	T <sub>x</sub>	e <sub>x</sub>
<b>Year of Birth 1950</b>													
0	0.032794	100,000	3,279	97,115	7,221,743	72.22	0	0.025512	100,000	2,551	97,793	7,872,118	78.72
1	0.002393	96,721	231	96,605	7,124,628	73.66	1	0.002231	97,449	217	97,340	7,774,325	79.78
2	0.001531	96,489	148	96,415	7,028,023	72.84	2	0.001275	97,231	124	97,169	7,676,985	78.96
3	0.001084	96,341	104	96,289	6,931,608	71.95	3	0.000922	97,107	90	97,063	7,579,816	78.06
4	0.000782	96,237	75	96,199	6,835,319	71.03	4	0.000635	97,018	62	96,987	7,482,753	77.13
5	0.000669	96,162	64	96,130	6,739,119	70.08	5	0.000539	96,956	52	96,930	7,385,766	76.18
6	0.000594	96,097	57	96,069	6,642,990	69.13	6	0.000443	96,904	43	96,883	7,288,836	75.22
7	0.000579	96,040	56	96,013	6,546,921	68.17	7	0.000406	96,861	39	96,841	7,191,954	74.25
8	0.000512	95,985	49	95,960	6,450,908	67.21	8	0.000347	96,822	34	96,805	7,095,112	73.28
9	0.000491	95,936	47	95,912	6,354,948	66.24	9	0.000319	96,788	31	96,773	6,998,307	72.31
10	0.000432	95,888	41	95,868	6,259,036	65.27	10	0.000302	96,757	29	96,743	6,901,535	71.33
11	0.000410	95,847	39	95,827	6,163,169	64.30	11	0.000276	96,728	27	96,715	6,804,792	70.35
12	0.000473	95,808	45	95,785	6,067,341	63.33	12	0.000283	96,701	27	96,688	6,708,078	69.37
13	0.000574	95,762	55	95,735	5,971,556	62.36	13	0.000331	96,674	32	96,658	6,611,390	68.39
14	0.000790	95,707	76	95,670	5,875,821	61.39	14	0.000380	96,642	37	96,624	6,514,732	67.41
15	0.001016	95,632	97	95,583	5,780,152	60.44	15	0.000435	96,605	42	96,584	6,418,109	66.44
16	0.001292	95,535	123	95,473	5,684,568	59.50	16	0.000548	96,563	53	96,537	6,321,524	65.47
17	0.001510	95,411	144	95,339	5,589,095	58.58	17	0.000603	96,510	58	96,481	6,224,987	64.50
18	0.001784	95,267	170	95,182	5,493,756	57.67	18	0.000666	96,452	64	96,420	6,128,506	63.54
19	0.002017	95,097	192	95,001	5,398,574	56.77	19	0.000707	96,388	68	96,354	6,032,086	62.58
20	0.002094	94,905	199	94,806	5,303,573	55.88	20	0.000707	96,320	68	96,286	5,935,732	61.63
21	0.002177	94,707	206	94,604	5,208,767	55.00	21	0.000708	96,252	68	96,218	5,839,446	60.67
22	0.002266	94,501	214	94,393	5,114,163	54.12	22	0.000738	96,184	71	96,148	5,743,229	59.71
23	0.002255	94,286	213	94,180	5,019,770	53.24	23	0.000730	96,113	70	96,077	5,647,081	58.75
24	0.002081	94,074	196	93,976	4,925,590	52.36	24	0.000704	96,042	68	96,009	5,551,003	57.80
25	0.002026	93,878	190	93,783	4,831,614	51.47	25	0.000692	95,975	66	95,942	5,454,995	56.84
26	0.001836	93,688	172	93,602	4,737,831	50.57	26	0.000678	95,908	65	95,876	5,359,053	55.88
27	0.001865	93,516	174	93,429	4,644,229	49.66	27	0.000688	95,843	66	95,810	5,263,177	54.91
28	0.001808	93,341	169	93,257	4,550,800	48.75	28	0.000715	95,777	68	95,743	5,167,367	53.95
29	0.001879	93,173	175	93,085	4,457,543	47.84	29	0.000711	95,709	68	95,675	5,071,624	52.99
30	0.001888	92,998	176	92,910	4,364,458	46.93	30	0.000747	95,641	71	95,605	4,975,949	52.03
31	0.001854	92,822	172	92,736	4,271,549	46.02	31	0.000759	95,569	73	95,533	4,880,344	51.07
32	0.001862	92,650	173	92,564	4,178,813	45.10	32	0.000779	95,497	74	95,460	4,784,811	50.10
33	0.001872	92,477	173	92,391	4,086,249	44.19	33	0.000805	95,422	77	95,384	4,689,351	49.14
34	0.001969	92,304	182	92,213	3,993,858	43.27	34	0.000885	95,346	84	95,303	4,593,967	48.18
35	0.002140	92,122	197	92,024	3,901,645	42.35	35	0.000949	95,261	90	95,216	4,498,664	47.22
36	0.002382	91,925	219	91,816	3,809,621	41.44	36	0.001008	95,171	96	95,123	4,403,448	46.27
37	0.002623	91,706	241	91,586	3,717,805	40.54	37	0.001152	95,075	110	95,020	4,308,325	45.32
38	0.002820	91,466	258	91,337	3,626,219	39.65	38	0.001245	94,965	118	94,906	4,213,305	44.37
39	0.002979	91,208	272	91,072	3,534,883	38.76	39	0.001305	94,847	124	94,785	4,118,398	43.42

**Table 7 – Cohort Life Tables for U. S. Social Security Area by Year of Birth and Sex**

Male							Female						
x	q <sub>x</sub>	l <sub>x</sub>	d <sub>x</sub>	L <sub>x</sub>	T <sub>x</sub>	e <sub>x</sub>	x	q <sub>x</sub>	l <sub>x</sub>	d <sub>x</sub>	L <sub>x</sub>	T <sub>x</sub>	e <sub>x</sub>
<b>Year of Birth 1950</b>													
40	0.003078	90,936	280	90,796	3,443,811	37.87	40	0.001371	94,723	130	94,658	4,023,613	42.48
41	0.003223	90,656	292	90,510	3,353,014	36.99	41	0.001473	94,594	139	94,524	3,928,955	41.54
42	0.003579	90,364	323	90,202	3,262,504	36.10	42	0.001653	94,454	156	94,376	3,834,431	40.60
43	0.003895	90,041	351	89,865	3,172,302	35.23	43	0.001825	94,298	172	94,212	3,740,055	39.66
44	0.004136	89,690	371	89,504	3,082,436	34.37	44	0.002001	94,126	188	94,032	3,645,843	38.73
45	0.004383	89,319	391	89,123	2,992,932	33.51	45	0.002178	93,938	205	93,835	3,551,811	37.81
46	0.004384	88,928	390	88,733	2,903,809	32.65	46	0.002296	93,733	215	93,625	3,457,976	36.89
47	0.004572	88,538	405	88,335	2,815,076	31.80	47	0.002492	93,518	233	93,401	3,364,350	35.98
48	0.004848	88,133	427	87,919	2,726,741	30.94	48	0.002669	93,285	249	93,160	3,270,949	35.06
49	0.005237	87,706	459	87,476	2,638,822	30.09	49	0.002956	93,036	275	92,898	3,177,789	34.16
50	0.005548	87,246	484	87,004	2,551,346	29.24	50	0.003178	92,761	295	92,613	3,084,890	33.26
51	0.005878	86,762	510	86,507	2,464,341	28.40	51	0.003435	92,466	318	92,307	2,992,277	32.36
52	0.006238	86,252	538	85,983	2,377,834	27.57	52	0.003717	92,148	343	91,977	2,899,970	31.47
53	0.006649	85,714	570	85,429	2,291,851	26.74	53	0.004028	91,806	370	91,621	2,807,992	30.59
54	0.007119	85,144	606	84,841	2,206,422	25.91	54	0.004376	91,436	400	91,236	2,716,371	29.71
55	0.007667	84,538	648	84,214	2,121,580	25.10	55	0.004774	91,036	435	90,819	2,625,135	28.84
56	0.008287	83,890	695	83,542	2,037,366	24.29	56	0.005223	90,601	473	90,365	2,534,317	27.97
57	0.008970	83,195	746	82,822	1,953,824	23.48	57	0.005707	90,128	514	89,871	2,443,952	27.12
58	0.009716	82,449	801	82,048	1,871,002	22.69	58	0.006222	89,614	558	89,335	2,354,081	26.27
59	0.010538	81,647	860	81,217	1,788,954	21.91	59	0.006779	89,056	604	88,754	2,264,746	25.43
60	0.011416	80,787	922	80,326	1,707,737	21.14	60	0.007377	88,452	653	88,126	2,175,992	24.60
61	0.012404	79,865	991	79,370	1,627,411	20.38	61	0.008047	87,800	707	87,447	2,087,865	23.78
62	0.013595	78,874	1,072	78,338	1,548,041	19.63	62	0.008834	87,093	769	86,709	2,000,419	22.97
63	0.015033	77,802	1,170	77,217	1,469,703	18.89	63	0.009763	86,324	843	85,903	1,913,710	22.17
64	0.016664	76,632	1,277	75,994	1,392,486	18.17	64	0.010809	85,481	924	85,019	1,827,807	21.38
65	0.018493	75,355	1,394	74,659	1,316,492	17.47	65	0.011980	84,557	1,013	84,051	1,742,788	20.61
66	0.020366	73,962	1,506	73,209	1,241,834	16.79	66	0.013197	83,544	1,103	82,993	1,658,737	19.85
67	0.022111	72,455	1,602	71,654	1,168,625	16.13	67	0.014363	82,442	1,184	81,850	1,575,744	19.11
68	0.023636	70,853	1,675	70,016	1,096,971	15.48	68	0.015433	81,258	1,254	80,631	1,493,895	18.38
69	0.025064	69,179	1,734	68,312	1,026,955	14.84	69	0.016474	80,004	1,318	79,345	1,413,264	17.66
70	0.026678	67,445	1,799	66,545	958,643	14.21	70	0.017650	78,686	1,389	77,991	1,333,919	16.95
71	0.028577	65,646	1,876	64,708	892,098	13.59	71	0.019013	77,297	1,470	76,562	1,255,928	16.25
72	0.030630	63,770	1,953	62,793	827,391	12.97	72	0.020484	75,827	1,553	75,051	1,179,366	15.55
73	0.032857	61,816	2,031	60,801	764,598	12.37	73	0.022072	74,274	1,639	73,454	1,104,316	14.87
74	0.035337	59,785	2,113	58,729	703,797	11.77	74	0.023830	72,635	1,731	71,769	1,030,861	14.19
75	0.038223	57,673	2,204	56,570	645,068	11.19	75	0.025919	70,904	1,838	69,985	959,092	13.53
76	0.041565	55,468	2,306	54,315	588,498	10.61	76	0.028322	69,066	1,956	68,088	889,107	12.87
77	0.045290	53,163	2,408	51,959	534,182	10.05	77	0.030877	67,110	2,072	66,074	821,019	12.23
78	0.049400	50,755	2,507	49,501	482,223	9.50	78	0.033543	65,038	2,182	63,947	754,946	11.61
79	0.053981	48,248	2,604	46,945	432,722	8.97	79	0.036451	62,856	2,291	61,711	690,999	10.99

**Table 7 – Cohort Life Tables for U. S. Social Security Area by Year of Birth and Sex**

Male							Female						
x	q <sub>x</sub>	l <sub>x</sub>	d <sub>x</sub>	L <sub>x</sub>	T <sub>x</sub>	e <sub>x</sub>	x	q <sub>x</sub>	l <sub>x</sub>	d <sub>x</sub>	L <sub>x</sub>	T <sub>x</sub>	e <sub>x</sub>
<b>Year of Birth 1950</b>													
80	0.058982	45,643	2,692	44,297	385,777	8.45	80	0.039751	60,565	2,408	59,361	629,288	10.39
81	0.064684	42,951	2,778	41,562	341,480	7.95	81	0.043680	58,157	2,540	56,887	569,927	9.80
82	0.071526	40,173	2,873	38,736	299,918	7.47	82	0.048440	55,617	2,694	54,270	513,040	9.22
83	0.079752	37,299	2,975	35,812	261,182	7.00	83	0.054214	52,923	2,869	51,488	458,770	8.67
84	0.089164	34,325	3,061	32,794	225,370	6.57	84	0.060961	50,054	3,051	48,528	407,281	8.14
85	0.099392	31,264	3,107	29,710	192,575	6.16	85	0.068537	47,003	3,221	45,392	358,753	7.63
86	0.110097	28,157	3,100	26,607	162,865	5.78	86	0.076786	43,781	3,362	42,100	313,361	7.16
87	0.121050	25,057	3,033	23,540	136,258	5.44	87	0.085605	40,419	3,460	38,689	271,261	6.71
88	0.132164	22,024	2,911	20,568	112,718	5.12	88	0.094956	36,959	3,510	35,205	232,571	6.29
89	0.143485	19,113	2,742	17,742	92,150	4.82	89	0.104876	33,450	3,508	31,696	197,367	5.90
90	0.155109	16,370	2,539	15,101	74,408	4.55	90	0.115429	29,942	3,456	28,214	165,671	5.53
91	0.167157	13,831	2,312	12,675	59,307	4.29	91	0.126698	26,486	3,356	24,808	137,458	5.19
92	0.179763	11,519	2,071	10,484	46,632	4.05	92	0.138770	23,130	3,210	21,525	112,650	4.87
93	0.193048	9,449	1,824	8,537	36,148	3.83	93	0.151726	19,920	3,022	18,409	91,125	4.57
94	0.207125	7,625	1,579	6,835	27,611	3.62	94	0.165647	16,898	2,799	15,498	72,716	4.30
95	0.221027	6,045	1,336	5,377	20,777	3.44	95	0.179577	14,099	2,532	12,833	57,218	4.06
96	0.234570	4,709	1,105	4,157	15,399	3.27	96	0.193302	11,567	2,236	10,449	44,385	3.84
97	0.247569	3,605	892	3,158	11,243	3.12	97	0.206596	9,331	1,928	8,367	33,936	3.64
98	0.259846	2,712	705	2,360	8,084	2.98	98	0.219216	7,403	1,623	6,592	25,569	3.45
99	0.271228	2,007	544	1,735	5,724	2.85	99	0.230925	5,780	1,335	5,113	18,977	3.28
100	0.283092	1,463	414	1,256	3,989	2.73	100	0.243261	4,446	1,081	3,905	13,864	3.12
101	0.295479	1,049	310	894	2,733	2.61	101	0.256269	3,364	862	2,933	9,959	2.96
102	0.308413	739	228	625	1,840	2.49	102	0.269973	2,502	675	2,164	7,026	2.81
103	0.321930	511	165	429	1,215	2.38	103	0.284421	1,827	519	1,567	4,862	2.66
104	0.336039	347	116	288	786	2.27	104	0.299650	1,307	392	1,111	3,295	2.52
105	0.350778	230	81	190	498	2.16	105	0.315694	915	289	771	2,184	2.39
106	0.366168	149	55	122	308	2.06	106	0.332626	626	208	522	1,413	2.26
107	0.382251	95	36	77	186	1.96	107	0.350458	418	147	345	891	2.13
108	0.399038	58	23	47	109	1.87	108	0.369252	272	100	221	546	2.01
109	0.416571	35	15	28	62	1.78	109	0.389071	171	67	138	325	1.90
110	0.434897	21	9	16	35	1.69	110	0.409969	105	43	83	187	1.79
111	0.454031	12	5	9	19	1.60	111	0.431993	62	27	48	104	1.68
112	0.474020	6	3	5	10	1.52	112	0.455223	35	16	27	55	1.58
113	0.494897	3	2	3	5	1.44	113	0.479700	19	9	15	28	1.49
114	0.516705	2	1	1	2	1.37	114	0.505503	10	5	7	14	1.39
115	0.539496	1	0	1	1	1.29	115	0.532713	5	3	4	6	1.31
116	0.563293	0	0	0	0	1.22	116	0.561417	2	1	2	3	1.23
117	0.588156	0	0	0	0	1.15	117	0.588156	1	1	1	1	1.15
118	0.614140	0	0	0	0	1.09	118	0.614140	0	0	0	0	1.09
119	0.641272	0	0	0	0	1.03	119	0.641272	0	0	0	0	1.03

**Table 7 – Cohort Life Tables for U. S. Social Security Area by Year of Birth and Sex**

Male							Female						
x	q <sub>x</sub>	l <sub>x</sub>	d <sub>x</sub>	L <sub>x</sub>	T <sub>x</sub>	e <sub>x</sub>	x	q <sub>x</sub>	l <sub>x</sub>	d <sub>x</sub>	L <sub>x</sub>	T <sub>x</sub>	e <sub>x</sub>
<b>Year of Birth 1960</b>													
0	0.029374	100,000	2,937	97,379	7,361,171	73.61	0	0.022619	100,000	2,262	98,000	7,989,198	79.89
1	0.001737	97,063	169	96,978	7,263,793	74.84	1	0.001523	97,738	149	97,664	7,891,198	80.74
2	0.001051	96,894	102	96,843	7,166,814	73.97	2	0.000909	97,589	89	97,545	7,793,535	79.86
3	0.000822	96,792	80	96,752	7,069,971	73.04	3	0.000694	97,501	68	97,467	7,695,990	78.93
4	0.000714	96,713	69	96,678	6,973,219	72.10	4	0.000526	97,433	51	97,407	7,598,523	77.99
5	0.000615	96,644	59	96,614	6,876,541	71.15	5	0.000469	97,382	46	97,359	7,501,116	77.03
6	0.000559	96,584	54	96,557	6,779,927	70.20	6	0.000411	97,336	40	97,316	7,403,757	76.06
7	0.000498	96,530	48	96,506	6,683,370	69.24	7	0.000354	97,296	34	97,279	7,306,441	75.10
8	0.000480	96,482	46	96,459	6,586,864	68.27	8	0.000331	97,262	32	97,245	7,209,162	74.12
9	0.000413	96,436	40	96,416	6,490,405	67.30	9	0.000280	97,229	27	97,216	7,111,917	73.15
10	0.000353	96,396	34	96,379	6,393,989	66.33	10	0.000251	97,202	24	97,190	7,014,701	72.17
11	0.000323	96,362	31	96,346	6,297,610	65.35	11	0.000249	97,178	24	97,166	6,917,511	71.18
12	0.000408	96,331	39	96,311	6,201,263	64.37	12	0.000267	97,153	26	97,141	6,820,346	70.20
13	0.000600	96,291	58	96,263	6,104,952	63.40	13	0.000311	97,128	30	97,112	6,723,205	69.22
14	0.000820	96,234	79	96,194	6,008,690	62.44	14	0.000369	97,097	36	97,079	6,626,093	68.24
15	0.001031	96,155	99	96,105	5,912,496	61.49	15	0.000422	97,062	41	97,041	6,529,013	67.27
16	0.001211	96,056	116	95,997	5,816,391	60.55	16	0.000490	97,021	48	96,997	6,431,972	66.29
17	0.001478	95,939	142	95,868	5,720,393	59.63	17	0.000582	96,973	56	96,945	6,334,975	65.33
18	0.001629	95,798	156	95,719	5,624,525	58.71	18	0.000601	96,917	58	96,887	6,238,030	64.36
19	0.001760	95,641	168	95,557	5,528,805	57.81	19	0.000595	96,858	58	96,830	6,141,143	63.40
20	0.001886	95,473	180	95,383	5,433,248	56.91	20	0.000600	96,801	58	96,772	6,044,313	62.44
21	0.001827	95,293	174	95,206	5,337,865	56.02	21	0.000578	96,743	56	96,715	5,947,542	61.48
22	0.001772	95,119	169	95,035	5,242,659	55.12	22	0.000565	96,687	55	96,659	5,850,827	60.51
23	0.001666	94,950	158	94,871	5,147,624	54.21	23	0.000558	96,632	54	96,605	5,754,168	59.55
24	0.001683	94,792	160	94,712	5,052,753	53.30	24	0.000567	96,578	55	96,551	5,657,563	58.58
25	0.001659	94,633	157	94,554	4,958,040	52.39	25	0.000559	96,523	54	96,496	5,561,012	57.61
26	0.001738	94,476	164	94,394	4,863,486	51.48	26	0.000601	96,469	58	96,440	5,464,515	56.65
27	0.001740	94,311	164	94,229	4,769,093	50.57	27	0.000645	96,411	62	96,380	5,368,075	55.68
28	0.001828	94,147	172	94,061	4,674,863	49.65	28	0.000686	96,349	66	96,316	5,271,694	54.71
29	0.001970	93,975	185	93,883	4,580,802	48.74	29	0.000722	96,283	70	96,248	5,175,378	53.75
30	0.002044	93,790	192	93,694	4,486,919	47.84	30	0.000747	96,214	72	96,178	5,079,130	52.79
31	0.002134	93,598	200	93,499	4,393,225	46.94	31	0.000793	96,142	76	96,104	4,982,952	51.83
32	0.002242	93,399	209	93,294	4,299,726	46.04	32	0.000828	96,066	80	96,026	4,886,849	50.87
33	0.002456	93,189	229	93,075	4,206,432	45.14	33	0.000914	95,986	88	95,942	4,790,823	49.91
34	0.002577	92,960	240	92,841	4,113,357	44.25	34	0.001009	95,898	97	95,850	4,694,881	48.96
35	0.002648	92,721	246	92,598	4,020,516	43.36	35	0.001097	95,802	105	95,749	4,599,031	48.01
36	0.002416	92,475	223	92,364	3,927,918	42.48	36	0.001124	95,696	108	95,643	4,503,282	47.06
37	0.002204	92,252	203	92,150	3,835,555	41.58	37	0.001145	95,589	109	95,534	4,407,639	46.11
38	0.002262	92,049	208	91,944	3,743,404	40.67	38	0.001246	95,479	119	95,420	4,312,105	45.16
39	0.002395	91,840	220	91,730	3,651,460	39.76	39	0.001340	95,360	128	95,297	4,216,685	44.22

**Table 7 – Cohort Life Tables for U. S. Social Security Area by Year of Birth and Sex**

Male							Female						
x	q <sub>x</sub>	l <sub>x</sub>	d <sub>x</sub>	L <sub>x</sub>	T <sub>x</sub>	e <sub>x</sub>	x	q <sub>x</sub>	l <sub>x</sub>	d <sub>x</sub>	L <sub>x</sub>	T <sub>x</sub>	e <sub>x</sub>
<b>Year of Birth 1960</b>													
40	0.002730	91,620	250	91,495	3,559,729	38.85	40	0.001464	95,233	139	95,163	4,121,388	43.28
41	0.002944	91,370	269	91,236	3,468,234	37.96	41	0.001571	95,093	149	95,019	4,026,225	42.34
42	0.003165	91,101	288	90,957	3,376,998	37.07	42	0.001675	94,944	159	94,864	3,931,207	41.41
43	0.003378	90,813	307	90,660	3,286,041	36.18	43	0.001776	94,785	168	94,701	3,836,343	40.47
44	0.003584	90,506	324	90,344	3,195,382	35.31	44	0.001879	94,616	178	94,528	3,741,642	39.55
45	0.003805	90,182	343	90,010	3,105,038	34.43	45	0.001992	94,439	188	94,345	3,647,114	38.62
46	0.004036	89,839	363	89,657	3,015,027	33.56	46	0.002124	94,251	200	94,150	3,552,770	37.69
47	0.004257	89,476	381	89,286	2,925,370	32.69	47	0.002271	94,050	214	93,944	3,458,619	36.77
48	0.004461	89,095	397	88,896	2,836,084	31.83	48	0.002438	93,837	229	93,722	3,364,676	35.86
49	0.004668	88,698	414	88,491	2,747,188	30.97	49	0.002629	93,608	246	93,485	3,270,953	34.94
50	0.004902	88,284	433	88,067	2,658,697	30.12	50	0.002845	93,362	266	93,229	3,177,468	34.03
51	0.005181	87,851	455	87,623	2,570,630	29.26	51	0.003090	93,096	288	92,952	3,084,239	33.13
52	0.005510	87,396	482	87,155	2,483,006	28.41	52	0.003361	92,809	312	92,653	2,991,286	32.23
53	0.005895	86,914	512	86,658	2,395,851	27.57	53	0.003660	92,497	339	92,327	2,898,634	31.34
54	0.006340	86,402	548	86,128	2,309,193	26.73	54	0.003993	92,158	368	91,974	2,806,306	30.45
55	0.006856	85,854	589	85,560	2,223,065	25.89	55	0.004373	91,790	401	91,590	2,714,332	29.57
56	0.007439	85,265	634	84,948	2,137,505	25.07	56	0.004796	91,389	438	91,170	2,622,742	28.70
57	0.008077	84,631	684	84,289	2,052,557	24.25	57	0.005246	90,951	477	90,712	2,531,573	27.83
58	0.008764	83,948	736	83,580	1,968,268	23.45	58	0.005720	90,473	518	90,215	2,440,861	26.98
59	0.009519	83,212	792	82,816	1,884,688	22.65	59	0.006233	89,956	561	89,676	2,350,646	26.13
60	0.010321	82,420	851	81,994	1,801,872	21.86	60	0.006779	89,395	606	89,092	2,260,970	25.29
61	0.011227	81,569	916	81,111	1,719,878	21.08	61	0.007394	88,789	657	88,461	2,171,878	24.46
62	0.012333	80,653	995	80,156	1,638,766	20.32	62	0.008123	88,133	716	87,775	2,083,417	23.64
63	0.013683	79,659	1,090	79,114	1,558,610	19.57	63	0.008990	87,417	786	87,024	1,995,642	22.83
64	0.015222	78,569	1,196	77,971	1,479,497	18.83	64	0.009970	86,631	864	86,199	1,908,618	22.03
65	0.016946	77,373	1,311	76,717	1,401,526	18.11	65	0.011065	85,767	949	85,293	1,822,419	21.25
66	0.018705	76,062	1,423	75,350	1,324,809	17.42	66	0.012199	84,818	1,035	84,301	1,737,127	20.48
67	0.020337	74,639	1,518	73,880	1,249,458	16.74	67	0.013281	83,783	1,113	83,227	1,652,826	19.73
68	0.021758	73,121	1,591	72,325	1,175,579	16.08	68	0.014273	82,671	1,180	82,081	1,569,599	18.99
69	0.023080	71,530	1,651	70,705	1,103,253	15.42	69	0.015235	81,491	1,242	80,870	1,487,518	18.25
70	0.024572	69,879	1,717	69,021	1,032,549	14.78	70	0.016320	80,249	1,310	79,594	1,406,648	17.53
71	0.026329	68,162	1,795	67,265	963,528	14.14	71	0.017576	78,940	1,387	78,246	1,327,054	16.81
72	0.028225	66,367	1,873	65,431	896,263	13.50	72	0.018931	77,552	1,468	76,818	1,248,808	16.10
73	0.030280	64,494	1,953	63,518	830,833	12.88	73	0.020395	76,084	1,552	75,308	1,171,990	15.40
74	0.032569	62,541	2,037	61,523	767,315	12.27	74	0.022015	74,532	1,641	73,712	1,096,682	14.71
75	0.035262	60,504	2,134	59,438	705,792	11.67	75	0.023965	72,891	1,747	72,018	1,022,970	14.03
76	0.038381	58,371	2,240	57,251	646,355	11.07	76	0.026207	71,145	1,864	70,212	950,952	13.37
77	0.041812	56,130	2,347	54,957	589,104	10.50	77	0.028546	69,280	1,978	68,291	880,739	12.71
78	0.045541	53,784	2,449	52,559	534,147	9.93	78	0.030928	67,302	2,082	66,262	812,448	12.07
79	0.049688	51,334	2,551	50,059	481,588	9.38	79	0.033508	65,221	2,185	64,128	746,186	11.44

**Table 7 – Cohort Life Tables for U. S. Social Security Area by Year of Birth and Sex**

Male							Female						
x	q <sub>x</sub>	l <sub>x</sub>	d <sub>x</sub>	L <sub>x</sub>	T <sub>x</sub>	e <sub>x</sub>	x	q <sub>x</sub>	l <sub>x</sub>	d <sub>x</sub>	L <sub>x</sub>	T <sub>x</sub>	e <sub>x</sub>
<b>Year of Birth 1960</b>													
80	0.054198	48,784	2,644	47,462	431,529	8.85	80	0.036429	63,035	2,296	61,887	682,058	10.82
81	0.059426	46,140	2,742	44,769	384,068	8.32	81	0.039991	60,739	2,429	59,525	620,171	10.21
82	0.065888	43,398	2,859	41,968	339,299	7.82	82	0.044464	58,310	2,593	57,014	560,646	9.61
83	0.073853	40,538	2,994	39,041	297,331	7.33	83	0.050061	55,717	2,789	54,323	503,632	9.04
84	0.083061	37,544	3,118	35,985	258,290	6.88	84	0.056680	52,928	3,000	51,428	449,310	8.49
85	0.093055	34,426	3,204	32,824	222,305	6.46	85	0.064090	49,928	3,200	48,328	397,881	7.97
86	0.103440	31,222	3,230	29,608	189,481	6.07	86	0.072082	46,728	3,368	45,044	349,553	7.48
87	0.113955	27,993	3,190	26,398	159,873	5.71	87	0.080519	43,360	3,491	41,614	304,509	7.02
88	0.124514	24,803	3,088	23,259	133,475	5.38	88	0.089362	39,869	3,563	38,087	262,895	6.59
89	0.135187	21,715	2,936	20,247	110,216	5.08	89	0.098667	36,306	3,582	34,515	224,807	6.19
90	0.146089	18,779	2,743	17,407	89,970	4.79	90	0.108526	32,724	3,551	30,948	190,292	5.82
91	0.157376	16,036	2,524	14,774	72,562	4.53	91	0.119042	29,172	3,473	27,436	159,344	5.46
92	0.169202	13,512	2,286	12,369	57,788	4.28	92	0.130328	25,700	3,349	24,025	131,908	5.13
93	0.181711	11,226	2,040	10,206	45,420	4.05	93	0.142489	22,350	3,185	20,758	107,883	4.83
94	0.195038	9,186	1,792	8,290	35,214	3.83	94	0.155618	19,166	2,983	17,674	87,125	4.55
95	0.208199	7,394	1,539	6,625	26,924	3.64	95	0.168758	16,183	2,731	14,818	69,451	4.29
96	0.221024	5,855	1,294	5,208	20,299	3.47	96	0.181719	13,452	2,444	12,230	54,633	4.06
97	0.233346	4,561	1,064	4,029	15,091	3.31	97	0.194269	11,008	2,138	9,938	42,404	3.85
98	0.244975	3,497	857	3,068	11,063	3.16	98	0.206188	8,869	1,829	7,955	32,465	3.66
99	0.255739	2,640	675	2,302	7,994	3.03	99	0.217255	7,040	1,530	6,276	24,510	3.48
100	0.266989	1,965	525	1,703	5,692	2.90	100	0.228925	5,511	1,262	4,880	18,235	3.31
101	0.278736	1,440	401	1,240	3,990	2.77	101	0.241223	4,249	1,025	3,737	13,355	3.14
102	0.291007	1,039	302	888	2,750	2.65	102	0.254194	3,224	820	2,814	9,618	2.98
103	0.303824	736	224	625	1,862	2.53	103	0.267862	2,405	644	2,083	6,803	2.83
104	0.317212	513	163	431	1,238	2.41	104	0.282270	1,761	497	1,512	4,721	2.68
105	0.331204	350	116	292	806	2.30	105	0.297464	1,264	376	1,076	3,209	2.54
106	0.345813	234	81	194	514	2.20	106	0.313492	888	278	749	2,133	2.40
107	0.361077	153	55	126	321	2.09	107	0.330379	609	201	509	1,385	2.27
108	0.377029	98	37	79	195	1.99	108	0.348191	408	142	337	876	2.15
109	0.393686	61	24	49	116	1.90	109	0.366968	266	98	217	539	2.03
110	0.411089	37	15	29	67	1.80	110	0.386771	168	65	136	322	1.91
111	0.429271	22	9	17	37	1.71	111	0.407656	103	42	82	186	1.80
112	0.448275	12	6	10	20	1.63	112	0.429672	61	26	48	104	1.69
113	0.468118	7	3	5	11	1.54	113	0.452891	35	16	27	56	1.59
114	0.488858	4	2	3	5	1.46	114	0.477379	19	9	15	29	1.49
115	0.510530	2	1	1	3	1.39	115	0.503198	10	5	7	14	1.40
116	0.533173	1	0	1	1	1.31	116	0.530431	5	3	4	7	1.32
117	0.556823	0	0	0	1	1.24	117	0.556823	2	1	2	3	1.24
118	0.581543	0	0	0	0	1.17	118	0.581543	1	1	1	1	1.17
119	0.607373	0	0	0	0	1.10	119	0.607373	0	0	0	0	1.10

**Table 7 – Cohort Life Tables for U. S. Social Security Area by Year of Birth and Sex**

Male							Female						
x	q <sub>x</sub>	l <sub>x</sub>	d <sub>x</sub>	L <sub>x</sub>	T <sub>x</sub>	e <sub>x</sub>	x	q <sub>x</sub>	l <sub>x</sub>	d <sub>x</sub>	L <sub>x</sub>	T <sub>x</sub>	e <sub>x</sub>
<b>Year of Birth 1970</b>													
0	0.022458	100,000	2,246	97,962	7,543,767	75.44	0	0.017592	100,000	1,759	98,414	8,124,771	81.25
1	0.001283	97,754	125	97,691	7,445,805	76.17	1	0.001090	98,241	107	98,187	8,026,356	81.70
2	0.000898	97,629	88	97,585	7,348,114	75.27	2	0.000709	98,134	70	98,099	7,928,169	80.79
3	0.000710	97,541	69	97,506	7,250,529	74.33	3	0.000496	98,064	49	98,040	7,830,070	79.85
4	0.000560	97,472	55	97,445	7,153,022	73.39	4	0.000410	98,015	40	97,995	7,732,030	78.89
5	0.000486	97,417	47	97,394	7,055,578	72.43	5	0.000361	97,975	35	97,958	7,634,034	77.92
6	0.000439	97,370	43	97,349	6,958,184	71.46	6	0.000303	97,940	30	97,925	7,536,077	76.95
7	0.000412	97,327	40	97,307	6,860,836	70.49	7	0.000260	97,910	25	97,898	7,438,152	75.97
8	0.000347	97,287	34	97,270	6,763,529	69.52	8	0.000250	97,885	24	97,873	7,340,254	74.99
9	0.000282	97,253	27	97,240	6,666,259	68.55	9	0.000198	97,860	19	97,851	7,242,382	74.01
10	0.000225	97,226	22	97,215	6,569,019	67.56	10	0.000191	97,841	19	97,832	7,144,531	73.02
11	0.000226	97,204	22	97,193	6,471,804	66.58	11	0.000176	97,822	17	97,814	7,046,700	72.04
12	0.000273	97,182	27	97,169	6,374,611	65.59	12	0.000187	97,805	18	97,796	6,948,886	71.05
13	0.000407	97,156	40	97,136	6,277,442	64.61	13	0.000221	97,787	22	97,776	6,851,090	70.06
14	0.000589	97,116	57	97,087	6,180,306	63.64	14	0.000295	97,765	29	97,751	6,753,314	69.08
15	0.000803	97,059	78	97,020	6,083,219	62.68	15	0.000365	97,736	36	97,718	6,655,564	68.10
16	0.001087	96,981	105	96,928	5,986,199	61.73	16	0.000453	97,701	44	97,679	6,557,845	67.12
17	0.001215	96,875	118	96,817	5,889,271	60.79	17	0.000503	97,656	49	97,632	6,460,167	66.15
18	0.001401	96,758	136	96,690	5,792,454	59.87	18	0.000527	97,607	51	97,582	6,362,535	65.19
19	0.001439	96,622	139	96,553	5,695,764	58.95	19	0.000527	97,556	51	97,530	6,264,953	64.22
20	0.001563	96,483	151	96,408	5,599,212	58.03	20	0.000497	97,504	48	97,480	6,167,423	63.25
21	0.001631	96,332	157	96,254	5,502,804	57.12	21	0.000514	97,456	50	97,431	6,069,943	62.28
22	0.001606	96,175	154	96,098	5,406,550	56.22	22	0.000492	97,406	48	97,382	5,972,512	61.32
23	0.001692	96,021	162	95,940	5,310,452	55.31	23	0.000523	97,358	51	97,332	5,875,130	60.35
24	0.001691	95,858	162	95,777	5,214,513	54.40	24	0.000551	97,307	54	97,280	5,777,798	59.38
25	0.001662	95,696	159	95,617	5,118,736	53.49	25	0.000572	97,253	56	97,226	5,680,518	58.41
26	0.001515	95,537	145	95,465	5,023,119	52.58	26	0.000584	97,198	57	97,169	5,583,292	57.44
27	0.001437	95,392	137	95,324	4,927,654	51.66	27	0.000577	97,141	56	97,113	5,486,123	56.48
28	0.001386	95,255	132	95,189	4,832,330	50.73	28	0.000589	97,085	57	97,056	5,389,010	55.51
29	0.001425	95,123	136	95,056	4,737,141	49.80	29	0.000617	97,028	60	96,998	5,291,953	54.54
30	0.001545	94,988	147	94,914	4,642,085	48.87	30	0.000687	96,968	67	96,935	5,194,955	53.57
31	0.001621	94,841	154	94,764	4,547,171	47.95	31	0.000738	96,901	72	96,866	5,098,021	52.61
32	0.001706	94,687	162	94,606	4,452,407	47.02	32	0.000798	96,830	77	96,791	5,001,155	51.65
33	0.001788	94,526	169	94,441	4,357,800	46.10	33	0.000863	96,752	83	96,711	4,904,364	50.69
34	0.001869	94,357	176	94,269	4,263,359	45.18	34	0.000935	96,669	90	96,624	4,807,654	49.73
35	0.001954	94,180	184	94,088	4,169,090	44.27	35	0.001012	96,579	98	96,530	4,711,030	48.78
36	0.002054	93,996	193	93,900	4,075,002	43.35	36	0.001092	96,481	105	96,428	4,614,500	47.83
37	0.002171	93,803	204	93,701	3,981,102	42.44	37	0.001169	96,376	113	96,319	4,518,072	46.88
38	0.002310	93,600	216	93,491	3,887,401	41.53	38	0.001242	96,263	120	96,203	4,421,753	45.93
39	0.002467	93,383	230	93,268	3,793,909	40.63	39	0.001312	96,143	126	96,080	4,325,550	44.99



**Table 7 – Cohort Life Tables for U. S. Social Security Area by Year of Birth and Sex**

Male							Female						
x	q <sub>x</sub>	l <sub>x</sub>	d <sub>x</sub>	L <sub>x</sub>	T <sub>x</sub>	e <sub>x</sub>	x	q <sub>x</sub>	l <sub>x</sub>	d <sub>x</sub>	L <sub>x</sub>	T <sub>x</sub>	e <sub>x</sub>
<b>Year of Birth 1970</b>													
40	0.002636	93,153	246	93,030	3,700,641	39.73	40	0.001388	96,017	133	95,951	4,229,470	44.05
41	0.002808	92,907	261	92,777	3,607,611	38.83	41	0.001472	95,884	141	95,813	4,133,520	43.11
42	0.002977	92,647	276	92,509	3,514,834	37.94	42	0.001555	95,743	149	95,668	4,037,706	42.17
43	0.003137	92,371	290	92,226	3,422,325	37.05	43	0.001640	95,594	157	95,515	3,942,038	41.24
44	0.003295	92,081	303	91,929	3,330,099	36.16	44	0.001728	95,437	165	95,355	3,846,523	40.30
45	0.003470	91,778	318	91,618	3,238,170	35.28	45	0.001829	95,272	174	95,185	3,751,168	39.37
46	0.003661	91,459	335	91,292	3,146,552	34.40	46	0.001946	95,098	185	95,005	3,655,983	38.44
47	0.003847	91,124	351	90,949	3,055,260	33.53	47	0.002080	94,913	197	94,814	3,560,977	37.52
48	0.004024	90,774	365	90,591	2,964,311	32.66	48	0.002235	94,715	212	94,610	3,466,163	36.60
49	0.004209	90,408	381	90,218	2,873,720	31.79	49	0.002411	94,504	228	94,390	3,371,554	35.68
50	0.004422	90,028	398	89,829	2,783,502	30.92	50	0.002611	94,276	246	94,153	3,277,164	34.76
51	0.004679	89,630	419	89,420	2,693,673	30.05	51	0.002837	94,030	267	93,896	3,183,011	33.85
52	0.004980	89,210	444	88,988	2,604,253	29.19	52	0.003089	93,763	290	93,618	3,089,115	32.95
53	0.005336	88,766	474	88,529	2,515,265	28.34	53	0.003368	93,473	315	93,316	2,995,497	32.05
54	0.005745	88,293	507	88,039	2,426,735	27.49	54	0.003678	93,159	343	92,987	2,902,181	31.15
55	0.006222	87,785	546	87,512	2,338,696	26.64	55	0.004032	92,816	374	92,629	2,809,193	30.27
56	0.006763	87,239	590	86,944	2,251,184	25.80	56	0.004425	92,442	409	92,237	2,716,565	29.39
57	0.007349	86,649	637	86,331	2,164,240	24.98	57	0.004842	92,033	446	91,810	2,624,328	28.52
58	0.007978	86,012	686	85,669	2,077,909	24.16	58	0.005279	91,587	483	91,345	2,532,518	27.65
59	0.008666	85,326	739	84,956	1,992,240	23.35	59	0.005749	91,103	524	90,842	2,441,173	26.80
60	0.009395	84,587	795	84,189	1,907,284	22.55	60	0.006249	90,580	566	90,297	2,350,331	25.95
61	0.010224	83,792	857	83,364	1,823,094	21.76	61	0.006816	90,014	614	89,707	2,260,034	25.11
62	0.011252	82,935	933	82,469	1,739,731	20.98	62	0.007491	89,400	670	89,065	2,170,327	24.28
63	0.012517	82,002	1,026	81,489	1,657,262	20.21	63	0.008303	88,730	737	88,362	2,081,262	23.46
64	0.013970	80,976	1,131	80,410	1,575,773	19.46	64	0.009222	87,994	811	87,588	1,992,900	22.65
65	0.015596	79,844	1,245	79,222	1,495,363	18.73	65	0.010249	87,182	894	86,736	1,905,312	21.85
66	0.017252	78,599	1,356	77,921	1,416,142	18.02	66	0.011310	86,289	976	85,801	1,818,576	21.08
67	0.018784	77,243	1,451	76,518	1,338,220	17.32	67	0.012324	85,313	1,051	84,787	1,732,776	20.31
68	0.020113	75,792	1,524	75,030	1,261,703	16.65	68	0.013249	84,261	1,116	83,703	1,647,988	19.56
69	0.021343	74,268	1,585	73,475	1,186,673	15.98	69	0.014145	83,145	1,176	82,557	1,564,285	18.81
70	0.022729	72,683	1,652	71,857	1,113,197	15.32	70	0.015152	81,969	1,242	81,348	1,481,728	18.08
71	0.024360	71,031	1,730	70,166	1,041,340	14.66	71	0.016317	80,727	1,317	80,068	1,400,380	17.35
72	0.026120	69,300	1,810	68,395	971,175	14.01	72	0.017574	79,410	1,396	78,712	1,320,312	16.63
73	0.028027	67,490	1,892	66,545	902,780	13.38	73	0.018932	78,014	1,477	77,276	1,241,600	15.92
74	0.030148	65,599	1,978	64,610	836,235	12.75	74	0.020435	76,537	1,564	75,755	1,164,324	15.21
75	0.032670	63,621	2,079	62,582	771,625	12.13	75	0.022263	74,973	1,669	74,139	1,088,569	14.52
76	0.035592	61,543	2,190	60,447	709,043	11.52	76	0.024364	73,304	1,786	72,411	1,014,430	13.84
77	0.038766	59,352	2,301	58,202	648,596	10.93	77	0.026518	71,518	1,897	70,570	942,019	13.17
78	0.042172	57,051	2,406	55,848	590,394	10.35	78	0.028665	69,622	1,996	68,624	871,449	12.52
79	0.045953	54,645	2,511	53,390	534,546	9.78	79	0.030978	67,626	2,095	66,578	802,826	11.87

**Table 7 – Cohort Life Tables for U. S. Social Security Area by Year of Birth and Sex**

Male							Female						
x	q <sub>x</sub>	l <sub>x</sub>	d <sub>x</sub>	L <sub>x</sub>	T <sub>x</sub>	e <sub>x</sub>	x	q <sub>x</sub>	l <sub>x</sub>	d <sub>x</sub>	L <sub>x</sub>	T <sub>x</sub>	e <sub>x</sub>
<b>Year of Birth 1970</b>													
80	0.050050	52,134	2,609	50,830	481,156	9.23	80	0.033588	65,531	2,201	64,430	736,247	11.24
81	0.054870	49,525	2,717	48,166	430,326	8.69	81	0.036839	63,330	2,333	62,163	671,817	10.61
82	0.060984	46,807	2,855	45,380	382,160	8.16	82	0.041056	60,997	2,504	59,745	609,653	9.99
83	0.068677	43,953	3,019	42,444	336,780	7.66	83	0.046466	58,493	2,718	57,134	549,909	9.40
84	0.077646	40,934	3,178	39,345	294,336	7.19	84	0.052923	55,775	2,952	54,299	492,775	8.84
85	0.087376	37,756	3,299	36,107	254,991	6.75	85	0.060139	52,823	3,177	51,235	438,476	8.30
86	0.097426	34,457	3,357	32,779	218,885	6.35	86	0.067859	49,646	3,369	47,962	387,241	7.80
87	0.107515	31,100	3,344	29,428	186,106	5.98	87	0.075928	46,277	3,514	44,520	339,280	7.33
88	0.117559	27,756	3,263	26,125	156,678	5.64	88	0.084305	42,764	3,605	40,961	294,759	6.89
89	0.127638	24,493	3,126	22,930	130,553	5.33	89	0.093059	39,158	3,644	37,336	253,798	6.48
90	0.137895	21,367	2,946	19,894	107,623	5.04	90	0.102297	35,514	3,633	33,698	216,462	6.10
91	0.148499	18,421	2,735	17,053	87,729	4.76	91	0.112145	31,881	3,575	30,094	182,764	5.73
92	0.159627	15,685	2,504	14,433	70,676	4.51	92	0.122733	28,306	3,474	26,569	152,671	5.39
93	0.171435	13,181	2,260	12,052	56,243	4.27	93	0.134174	24,832	3,332	23,166	126,102	5.08
94	0.184070	10,922	2,010	9,916	44,191	4.05	94	0.146581	21,500	3,152	19,924	102,936	4.79
95	0.196554	8,911	1,752	8,036	34,275	3.85	95	0.159006	18,349	2,918	16,890	83,011	4.52
96	0.208724	7,160	1,494	6,413	26,239	3.66	96	0.171263	15,431	2,643	14,110	66,122	4.28
97	0.220416	5,665	1,249	5,041	19,827	3.50	97	0.183138	12,788	2,342	11,617	52,012	4.07
98	0.231463	4,417	1,022	3,905	14,786	3.35	98	0.194428	10,446	2,031	9,431	40,395	3.87
99	0.241689	3,394	820	2,984	10,880	3.21	99	0.204913	8,415	1,724	7,553	30,964	3.68
100	0.252373	2,574	650	2,249	7,896	3.07	100	0.215971	6,691	1,445	5,968	23,411	3.50
101	0.263535	1,924	507	1,671	5,647	2.93	101	0.227633	5,246	1,194	4,649	17,442	3.33
102	0.275202	1,417	390	1,222	3,976	2.81	102	0.239927	4,052	972	3,566	12,794	3.16
103	0.287384	1,027	295	880	2,754	2.68	103	0.252892	3,080	779	2,690	9,228	3.00
104	0.300117	732	220	622	1,874	2.56	104	0.266566	2,301	613	1,994	6,538	2.84
105	0.313421	512	161	432	1,252	2.44	105	0.280984	1,687	474	1,450	4,544	2.69
106	0.327322	352	115	294	820	2.33	106	0.296190	1,213	359	1,034	3,093	2.55
107	0.341841	237	81	196	526	2.22	107	0.312228	854	267	721	2,060	2.41
108	0.357017	156	56	128	330	2.12	108	0.329144	587	193	491	1,339	2.28
109	0.372875	100	37	81	202	2.02	109	0.346976	394	137	326	848	2.15
110	0.389448	63	24	51	121	1.92	110	0.365784	257	94	210	523	2.03
111	0.406762	38	16	31	70	1.83	111	0.385629	163	63	132	313	1.92
112	0.424855	23	10	18	39	1.74	112	0.406548	100	41	80	181	1.80
113	0.443762	13	6	10	22	1.65	113	0.428630	59	26	47	101	1.70
114	0.463518	7	3	6	11	1.56	114	0.451910	34	15	26	54	1.60
115	0.484163	4	2	3	6	1.48	115	0.476460	19	9	14	28	1.50
116	0.505741	2	1	2	3	1.40	116	0.502372	10	5	7	14	1.41
117	0.528305	1	1	1	1	1.33	117	0.528305	5	3	4	6	1.33
118	0.551864	0	0	0	1	1.26	118	0.551864	2	1	2	3	1.26
119	0.576500	0	0	0	0	1.19	119	0.576500	1	1	1	1	1.19

**Table 7 – Cohort Life Tables for U. S. Social Security Area by Year of Birth and Sex**

Male							Female						
x	q <sub>x</sub>	l <sub>x</sub>	d <sub>x</sub>	L <sub>x</sub>	T <sub>x</sub>	e <sub>x</sub>	x	q <sub>x</sub>	l <sub>x</sub>	d <sub>x</sub>	L <sub>x</sub>	T <sub>x</sub>	e <sub>x</sub>
<b>Year of Birth 1980</b>													
0	0.013980	100,000	1,398	98,776	7,721,200	77.21	0	0.011246	100,000	1,125	99,015	8,263,945	82.64
1	0.000970	98,602	96	98,554	7,622,424	77.30	1	0.000831	98,875	82	98,834	8,164,930	82.58
2	0.000635	98,506	63	98,475	7,523,870	76.38	2	0.000537	98,793	53	98,767	8,066,096	81.65
3	0.000520	98,444	51	98,418	7,425,395	75.43	3	0.000346	98,740	34	98,723	7,967,329	80.69
4	0.000359	98,393	35	98,375	7,326,977	74.47	4	0.000279	98,706	28	98,692	7,868,606	79.72
5	0.000343	98,357	34	98,340	7,228,602	73.49	5	0.000241	98,678	24	98,667	7,769,914	78.74
6	0.000303	98,324	30	98,309	7,130,261	72.52	6	0.000213	98,655	21	98,644	7,671,247	77.76
7	0.000300	98,294	29	98,279	7,031,953	71.54	7	0.000191	98,634	19	98,624	7,572,603	76.78
8	0.000262	98,264	26	98,251	6,933,674	70.56	8	0.000187	98,615	18	98,606	7,473,979	75.79
9	0.000218	98,239	21	98,228	6,835,422	69.58	9	0.000174	98,596	17	98,588	7,375,373	74.80
10	0.000161	98,217	16	98,209	6,737,194	68.59	10	0.000151	98,579	15	98,572	7,276,785	73.82
11	0.000175	98,201	17	98,193	6,638,985	67.61	11	0.000135	98,564	13	98,558	7,178,213	72.83
12	0.000234	98,184	23	98,173	6,540,793	66.62	12	0.000163	98,551	16	98,543	7,079,656	71.84
13	0.000407	98,161	40	98,141	6,442,620	65.63	13	0.000215	98,535	21	98,524	6,981,113	70.85
14	0.000631	98,121	62	98,090	6,344,479	64.66	14	0.000279	98,514	27	98,500	6,882,588	69.86
15	0.000839	98,059	82	98,018	6,246,389	63.70	15	0.000365	98,486	36	98,468	6,784,088	68.88
16	0.000987	97,977	97	97,929	6,148,371	62.75	16	0.000418	98,450	41	98,430	6,685,620	67.91
17	0.001083	97,880	106	97,827	6,050,443	61.81	17	0.000455	98,409	45	98,387	6,587,190	66.94
18	0.001137	97,774	111	97,719	5,952,615	60.88	18	0.000450	98,364	44	98,342	6,488,803	65.97
19	0.001193	97,663	117	97,605	5,854,897	59.95	19	0.000465	98,320	46	98,297	6,390,460	65.00
20	0.001314	97,547	128	97,483	5,757,292	59.02	20	0.000452	98,274	44	98,252	6,292,163	64.03
21	0.001384	97,418	135	97,351	5,659,809	58.10	21	0.000451	98,230	44	98,208	6,193,910	63.06
22	0.001416	97,284	138	97,215	5,562,458	57.18	22	0.000452	98,186	44	98,164	6,095,702	62.08
23	0.001405	97,146	136	97,078	5,465,244	56.26	23	0.000461	98,141	45	98,119	5,997,539	61.11
24	0.001365	97,009	132	96,943	5,368,166	55.34	24	0.000477	98,096	47	98,073	5,899,420	60.14
25	0.001314	96,877	127	96,813	5,271,223	54.41	25	0.000495	98,049	49	98,025	5,801,348	59.17
26	0.001275	96,750	123	96,688	5,174,410	53.48	26	0.000515	98,001	50	97,976	5,703,323	58.20
27	0.001265	96,626	122	96,565	5,077,722	52.55	27	0.000543	97,950	53	97,924	5,605,347	57.23
28	0.001302	96,504	126	96,441	4,981,157	51.62	28	0.000577	97,897	56	97,869	5,507,424	56.26
29	0.001374	96,378	132	96,312	4,884,716	50.68	29	0.000617	97,841	60	97,810	5,409,555	55.29
30	0.001460	96,246	141	96,176	4,788,404	49.75	30	0.000661	97,780	65	97,748	5,311,744	54.32
31	0.001543	96,105	148	96,031	4,692,228	48.82	31	0.000709	97,716	69	97,681	5,213,996	53.36
32	0.001621	95,957	156	95,879	4,596,197	47.90	32	0.000761	97,646	74	97,609	5,116,315	52.40
33	0.001691	95,802	162	95,721	4,500,317	46.98	33	0.000821	97,572	80	97,532	5,018,706	51.44
34	0.001757	95,640	168	95,556	4,404,597	46.05	34	0.000884	97,492	86	97,449	4,921,174	50.48
35	0.001827	95,472	174	95,384	4,309,041	45.13	35	0.000952	97,406	93	97,359	4,823,725	49.52
36	0.001909	95,297	182	95,206	4,213,657	44.22	36	0.001023	97,313	100	97,263	4,726,366	48.57
37	0.002009	95,115	191	95,020	4,118,450	43.30	37	0.001090	97,214	106	97,161	4,629,102	47.62
38	0.002130	94,924	202	94,823	4,023,431	42.39	38	0.001153	97,108	112	97,052	4,531,942	46.67
39	0.002267	94,722	215	94,615	3,928,608	41.48	39	0.001215	96,996	118	96,937	4,434,890	45.72

**Table 7 – Cohort Life Tables for U. S. Social Security Area by Year of Birth and Sex**

Male							Female						
x	q <sub>x</sub>	l <sub>x</sub>	d <sub>x</sub>	L <sub>x</sub>	T <sub>x</sub>	e <sub>x</sub>	x	q <sub>x</sub>	l <sub>x</sub>	d <sub>x</sub>	L <sub>x</sub>	T <sub>x</sub>	e <sub>x</sub>
<b>Year of Birth 1980</b>													
40	0.002415	94,507	228	94,393	3,833,993	40.57	40	0.001283	96,878	124	96,816	4,337,954	44.78
41	0.002568	94,279	242	94,158	3,739,600	39.67	41	0.001360	96,753	132	96,688	4,241,138	43.83
42	0.002716	94,037	255	93,909	3,645,442	38.77	42	0.001436	96,622	139	96,552	4,144,451	42.89
43	0.002856	93,781	268	93,648	3,551,533	37.87	43	0.001513	96,483	146	96,410	4,047,898	41.95
44	0.002992	93,514	280	93,374	3,457,885	36.98	44	0.001594	96,337	154	96,260	3,951,488	41.02
45	0.003144	93,234	293	93,087	3,364,512	36.09	45	0.001685	96,184	162	96,103	3,855,228	40.08
46	0.003313	92,941	308	92,787	3,271,424	35.20	46	0.001793	96,021	172	95,935	3,759,125	39.15
47	0.003478	92,633	322	92,472	3,178,638	34.31	47	0.001919	95,849	184	95,757	3,663,190	38.22
48	0.003640	92,311	336	92,143	3,086,166	33.43	48	0.002062	95,665	197	95,567	3,567,433	37.29
49	0.003812	91,975	351	91,799	2,994,023	32.55	49	0.002225	95,468	212	95,362	3,471,866	36.37
50	0.004010	91,624	367	91,440	2,902,224	31.68	50	0.002411	95,256	230	95,141	3,376,504	35.45
51	0.004249	91,257	388	91,063	2,810,784	30.80	51	0.002621	95,026	249	94,902	3,281,363	34.53
52	0.004529	90,869	412	90,663	2,719,721	29.93	52	0.002856	94,777	271	94,642	3,186,462	33.62
53	0.004856	90,457	439	90,238	2,629,058	29.06	53	0.003115	94,506	294	94,359	3,091,820	32.72
54	0.005235	90,018	471	89,782	2,538,820	28.20	54	0.003403	94,212	321	94,052	2,997,461	31.82
55	0.005678	89,547	508	89,293	2,449,038	27.35	55	0.003733	93,891	350	93,716	2,903,410	30.92
56	0.006178	89,038	550	88,763	2,359,745	26.50	56	0.004099	93,541	383	93,349	2,809,694	30.04
57	0.006719	88,488	595	88,191	2,270,982	25.66	57	0.004486	93,157	418	92,948	2,716,345	29.16
58	0.007295	87,894	641	87,573	2,182,791	24.83	58	0.004891	92,739	454	92,513	2,623,396	28.29
59	0.007924	87,253	691	86,907	2,095,218	24.01	59	0.005324	92,286	491	92,040	2,530,883	27.42
60	0.008589	86,561	743	86,189	2,008,311	23.20	60	0.005784	91,795	531	91,529	2,438,843	26.57
61	0.009351	85,818	802	85,416	1,922,121	22.40	61	0.006308	91,264	576	90,976	2,347,314	25.72
62	0.010305	85,015	876	84,577	1,836,705	21.60	62	0.006938	90,688	629	90,373	2,256,338	24.88
63	0.011497	84,139	967	83,655	1,752,128	20.82	63	0.007699	90,059	693	89,712	2,165,965	24.05
64	0.012873	83,172	1,071	82,636	1,668,472	20.06	64	0.008564	89,365	765	88,983	2,076,253	23.23
65	0.014412	82,101	1,183	81,509	1,585,836	19.32	65	0.009532	88,600	845	88,178	1,987,270	22.43
66	0.015976	80,918	1,293	80,271	1,504,326	18.59	66	0.010529	87,756	924	87,294	1,899,093	21.64
67	0.017419	79,625	1,387	78,932	1,424,055	17.88	67	0.011480	86,832	997	86,333	1,811,799	20.87
68	0.018665	78,238	1,460	77,508	1,345,123	17.19	68	0.012348	85,835	1,060	85,305	1,725,466	20.10
69	0.019814	76,778	1,521	76,017	1,267,615	16.51	69	0.013187	84,775	1,118	84,216	1,640,161	19.35
70	0.021107	75,257	1,588	74,462	1,191,598	15.83	70	0.014125	83,657	1,182	83,066	1,555,945	18.60
71	0.022628	73,668	1,667	72,835	1,117,136	15.16	71	0.015211	82,475	1,255	81,848	1,472,879	17.86
72	0.024268	72,001	1,747	71,127	1,044,301	14.50	72	0.016383	81,221	1,331	80,555	1,391,031	17.13
73	0.026044	70,254	1,830	69,339	973,174	13.85	73	0.017650	79,890	1,410	79,185	1,310,476	16.40
74	0.028020	68,424	1,917	67,466	903,835	13.21	74	0.019050	78,480	1,495	77,732	1,231,291	15.69
75	0.030388	66,507	2,021	65,496	836,369	12.58	75	0.020772	76,985	1,599	76,185	1,153,558	14.98
76	0.033134	64,486	2,137	63,418	770,873	11.95	76	0.022747	75,386	1,715	74,528	1,077,373	14.29
77	0.036086	62,349	2,250	61,224	707,455	11.35	77	0.024744	73,671	1,823	72,760	1,002,845	13.61
78	0.039217	60,099	2,357	58,921	646,231	10.75	78	0.026695	71,848	1,918	70,889	930,085	12.95
79	0.042685	57,742	2,465	56,510	587,310	10.17	79	0.028786	69,930	2,013	68,924	859,196	12.29

**Table 7 – Cohort Life Tables for U. S. Social Security Area by Year of Birth and Sex**

Male							Female						
x	q <sub>x</sub>	l <sub>x</sub>	d <sub>x</sub>	L <sub>x</sub>	T <sub>x</sub>	e <sub>x</sub>	x	q <sub>x</sub>	l <sub>x</sub>	d <sub>x</sub>	L <sub>x</sub>	T <sub>x</sub>	e <sub>x</sub>
<b>Year of Birth 1980</b>													
80	0.046434	55,278	2,567	53,994	530,800	9.60	80	0.031140	67,917	2,115	66,860	790,272	11.64
81	0.050902	52,711	2,683	51,369	476,806	9.05	81	0.034128	65,802	2,246	64,679	723,413	10.99
82	0.056695	50,028	2,836	48,610	425,437	8.50	82	0.038112	63,556	2,422	62,345	658,733	10.36
83	0.064117	47,191	3,026	45,679	376,827	7.99	83	0.043332	61,134	2,649	59,810	596,388	9.76
84	0.072826	44,166	3,216	42,557	331,148	7.50	84	0.049608	58,485	2,901	57,034	536,578	9.17
85	0.082269	40,949	3,369	39,265	288,591	7.05	85	0.056612	55,584	3,147	54,010	479,544	8.63
86	0.091976	37,580	3,456	35,852	249,326	6.63	86	0.064059	52,437	3,359	50,758	425,533	8.12
87	0.101657	34,124	3,469	32,389	213,474	6.26	87	0.071777	49,078	3,523	47,317	374,776	7.64
88	0.111221	30,655	3,409	28,950	181,084	5.91	88	0.079725	45,555	3,632	43,739	327,459	7.19
89	0.120766	27,246	3,290	25,600	152,134	5.58	89	0.087983	41,923	3,689	40,079	283,720	6.77
90	0.130443	23,955	3,125	22,393	126,534	5.28	90	0.096669	38,235	3,696	36,387	243,640	6.37
91	0.140437	20,830	2,925	19,368	104,141	5.00	91	0.105921	34,539	3,658	32,710	207,254	6.00
92	0.150937	17,905	2,703	16,554	84,773	4.73	92	0.115881	30,880	3,578	29,091	174,544	5.65
93	0.162110	15,202	2,464	13,970	68,220	4.49	93	0.126677	27,302	3,459	25,573	145,453	5.33
94	0.174115	12,738	2,218	11,629	54,249	4.26	94	0.138426	23,843	3,301	22,193	119,880	5.03
95	0.185980	10,520	1,957	9,542	42,620	4.05	95	0.150197	20,543	3,085	19,000	97,687	4.76
96	0.197552	8,564	1,692	7,718	33,078	3.86	96	0.161812	17,457	2,825	16,045	78,687	4.51
97	0.208670	6,872	1,434	6,155	25,361	3.69	97	0.173076	14,633	2,533	13,366	62,642	4.28
98	0.219178	5,438	1,192	4,842	19,206	3.53	98	0.183793	12,100	2,224	10,988	49,276	4.07
99	0.228913	4,246	972	3,760	14,364	3.38	99	0.193750	9,876	1,913	8,919	38,288	3.88
100	0.239087	3,274	783	2,883	10,604	3.24	100	0.204252	7,963	1,626	7,149	29,368	3.69
101	0.249717	2,491	622	2,180	7,721	3.10	101	0.215333	6,336	1,364	5,654	22,219	3.51
102	0.260824	1,869	488	1,625	5,541	2.96	102	0.227014	4,972	1,129	4,408	16,565	3.33
103	0.272432	1,382	376	1,193	3,915	2.83	103	0.239345	3,843	920	3,383	12,157	3.16
104	0.284560	1,005	286	862	2,722	2.71	104	0.252344	2,923	738	2,554	8,774	3.00
105	0.297234	719	214	612	1,860	2.59	105	0.266053	2,186	581	1,895	6,219	2.85
106	0.310482	505	157	427	1,248	2.47	106	0.280522	1,604	450	1,379	4,325	2.70
107	0.324334	348	113	292	821	2.35	107	0.295777	1,154	341	983	2,945	2.55
108	0.338797	235	80	196	529	2.24	108	0.311876	813	253	686	1,962	2.41
109	0.353921	156	55	128	333	2.14	109	0.328853	559	184	467	1,276	2.28
110	0.369723	101	37	82	205	2.04	110	0.346761	375	130	310	809	2.15
111	0.386242	63	24	51	123	1.94	111	0.365663	245	90	200	498	2.03
112	0.403503	39	16	31	72	1.84	112	0.385590	156	60	126	298	1.92
113	0.421556	23	10	18	41	1.75	113	0.406617	96	39	76	172	1.80
114	0.440414	13	6	10	22	1.66	114	0.428794	57	24	45	96	1.70
115	0.460128	8	3	6	12	1.58	115	0.452218	32	15	25	52	1.60
116	0.480727	4	2	3	6	1.49	116	0.476902	18	8	14	27	1.50
117	0.502268	2	1	2	3	1.42	117	0.502268	9	5	7	13	1.42
118	0.524778	1	1	1	1	1.34	118	0.524778	5	2	3	6	1.34
119	0.548312	0	0	0	1	1.27	119	0.548312	2	1	2	3	1.27

**Table 7 – Cohort Life Tables for U. S. Social Security Area by Year of Birth and Sex**

Male							Female						
x	q <sub>x</sub>	l <sub>x</sub>	d <sub>x</sub>	L <sub>x</sub>	T <sub>x</sub>	e <sub>x</sub>	x	q <sub>x</sub>	l <sub>x</sub>	d <sub>x</sub>	L <sub>x</sub>	T <sub>x</sub>	e <sub>x</sub>
<b>Year of Birth 1990</b>													
0	0.010284	100,000	1,028	99,108	7,851,701	78.52	0	0.008150	100,000	815	99,298	8,369,345	83.69
1	0.000753	98,972	75	98,934	7,752,593	78.33	1	0.000670	99,185	66	99,152	8,270,047	83.38
2	0.000493	98,897	49	98,873	7,653,659	77.39	2	0.000396	99,119	39	99,099	8,170,895	82.44
3	0.000385	98,848	38	98,829	7,554,786	76.43	3	0.000269	99,079	27	99,066	8,071,796	81.47
4	0.000307	98,810	30	98,795	7,455,957	75.46	4	0.000250	99,053	25	99,040	7,972,730	80.49
5	0.000258	98,780	25	98,767	7,357,162	74.48	5	0.000197	99,028	20	99,018	7,873,690	79.51
6	0.000240	98,754	24	98,743	7,258,395	73.50	6	0.000175	99,008	17	99,000	7,774,672	78.53
7	0.000208	98,731	21	98,720	7,159,652	72.52	7	0.000167	98,991	17	98,983	7,675,672	77.54
8	0.000191	98,710	19	98,701	7,060,932	71.53	8	0.000145	98,975	14	98,967	7,576,689	76.55
9	0.000155	98,691	15	98,684	6,962,231	70.55	9	0.000134	98,960	13	98,954	7,477,722	75.56
10	0.000136	98,676	13	98,669	6,863,547	69.56	10	0.000129	98,947	13	98,941	7,378,768	74.57
11	0.000141	98,663	14	98,656	6,764,878	68.57	11	0.000129	98,934	13	98,928	7,279,828	73.58
12	0.000197	98,649	19	98,639	6,666,222	67.58	12	0.000147	98,921	15	98,914	7,180,900	72.59
13	0.000315	98,629	31	98,614	6,567,583	66.59	13	0.000189	98,907	19	98,897	7,081,986	71.60
14	0.000477	98,598	47	98,575	6,468,969	65.61	14	0.000245	98,888	24	98,876	6,983,088	70.62
15	0.000654	98,551	64	98,519	6,370,395	64.64	15	0.000310	98,864	31	98,849	6,884,212	69.63
16	0.000818	98,487	81	98,446	6,271,876	63.68	16	0.000368	98,833	36	98,815	6,785,364	68.65
17	0.000956	98,406	94	98,359	6,173,429	62.73	17	0.000409	98,797	40	98,777	6,686,549	67.68
18	0.001055	98,312	104	98,260	6,075,070	61.79	18	0.000424	98,756	42	98,736	6,587,772	66.71
19	0.001121	98,208	110	98,153	5,976,810	60.86	19	0.000420	98,715	41	98,694	6,489,037	65.74
20	0.001186	98,098	116	98,040	5,878,657	59.93	20	0.000411	98,673	41	98,653	6,390,343	64.76
21	0.001251	97,982	123	97,921	5,780,617	59.00	21	0.000409	98,633	40	98,612	6,291,690	63.79
22	0.001282	97,859	125	97,797	5,682,696	58.07	22	0.000412	98,592	41	98,572	6,193,077	62.82
23	0.001275	97,734	125	97,672	5,584,900	57.14	23	0.000423	98,552	42	98,531	6,094,505	61.84
24	0.001243	97,609	121	97,549	5,487,228	56.22	24	0.000439	98,510	43	98,488	5,995,974	60.87
25	0.001198	97,488	117	97,430	5,389,680	55.29	25	0.000457	98,467	45	98,444	5,897,486	59.89
26	0.001163	97,371	113	97,315	5,292,250	54.35	26	0.000477	98,422	47	98,398	5,799,042	58.92
27	0.001159	97,258	113	97,202	5,194,936	53.41	27	0.000502	98,375	49	98,350	5,700,644	57.95
28	0.001196	97,145	116	97,087	5,097,734	52.48	28	0.000534	98,325	53	98,299	5,602,294	56.98
29	0.001263	97,029	123	96,968	5,000,647	51.54	29	0.000572	98,273	56	98,245	5,503,995	56.01
30	0.001343	96,906	130	96,841	4,903,679	50.60	30	0.000613	98,217	60	98,187	5,405,750	55.04
31	0.001420	96,776	137	96,708	4,806,838	49.67	31	0.000658	98,156	65	98,124	5,307,563	54.07
32	0.001492	96,639	144	96,567	4,710,130	48.74	32	0.000706	98,092	69	98,057	5,209,439	53.11
33	0.001554	96,495	150	96,420	4,613,563	47.81	33	0.000761	98,023	75	97,985	5,111,382	52.14
34	0.001612	96,345	155	96,267	4,517,144	46.89	34	0.000818	97,948	80	97,908	5,013,397	51.18
35	0.001674	96,189	161	96,109	4,420,877	45.96	35	0.000881	97,868	86	97,825	4,915,489	50.23
36	0.001748	96,028	168	95,945	4,324,768	45.04	36	0.000945	97,782	92	97,735	4,817,664	49.27
37	0.001837	95,861	176	95,773	4,228,823	44.11	37	0.001008	97,689	98	97,640	4,719,928	48.32
38	0.001945	95,684	186	95,591	4,133,051	43.19	38	0.001066	97,591	104	97,539	4,622,288	47.36
39	0.002069	95,498	198	95,400	4,037,459	42.28	39	0.001123	97,487	109	97,432	4,524,749	46.41

**Table 7 – Cohort Life Tables for U. S. Social Security Area by Year of Birth and Sex**

Male							Female						
x	q <sub>x</sub>	l <sub>x</sub>	d <sub>x</sub>	L <sub>x</sub>	T <sub>x</sub>	e <sub>x</sub>	x	q <sub>x</sub>	l <sub>x</sub>	d <sub>x</sub>	L <sub>x</sub>	T <sub>x</sub>	e <sub>x</sub>
<b>Year of Birth 1990</b>													
40	0.002204	95,301	210	95,196	3,942,060	41.36	40	0.001186	97,377	115	97,320	4,427,317	45.47
41	0.002342	95,091	223	94,979	3,846,864	40.45	41	0.001257	97,262	122	97,201	4,329,998	44.52
42	0.002475	94,868	235	94,751	3,751,884	39.55	42	0.001328	97,140	129	97,075	4,232,797	43.57
43	0.002599	94,633	246	94,510	3,657,134	38.65	43	0.001398	97,011	136	96,943	4,135,722	42.63
44	0.002719	94,387	257	94,259	3,562,623	37.74	44	0.001474	96,875	143	96,804	4,038,779	41.69
45	0.002854	94,131	269	93,996	3,468,364	36.85	45	0.001559	96,732	151	96,657	3,941,976	40.75
46	0.003006	93,862	282	93,721	3,374,368	35.95	46	0.001660	96,581	160	96,501	3,845,319	39.81
47	0.003157	93,580	295	93,432	3,280,647	35.06	47	0.001776	96,421	171	96,335	3,748,818	38.88
48	0.003307	93,284	308	93,130	3,187,215	34.17	48	0.001909	96,250	184	96,158	3,652,482	37.95
49	0.003466	92,976	322	92,815	3,094,085	33.28	49	0.002060	96,066	198	95,967	3,556,324	37.02
50	0.003651	92,654	338	92,485	3,001,270	32.39	50	0.002234	95,868	214	95,761	3,460,357	36.09
51	0.003873	92,315	358	92,137	2,908,785	31.51	51	0.002429	95,654	232	95,538	3,364,596	35.17
52	0.004132	91,958	380	91,768	2,816,649	30.63	52	0.002648	95,422	253	95,295	3,269,058	34.26
53	0.004437	91,578	406	91,375	2,724,881	29.75	53	0.002890	95,169	275	95,031	3,173,763	33.35
54	0.004787	91,172	436	90,953	2,633,506	28.89	54	0.003159	94,894	300	94,744	3,078,732	32.44
55	0.005199	90,735	472	90,499	2,542,553	28.02	55	0.003469	94,594	328	94,430	2,983,988	31.55
56	0.005667	90,263	512	90,008	2,452,054	27.17	56	0.003811	94,266	359	94,086	2,889,558	30.65
57	0.006167	89,752	553	89,475	2,362,046	26.32	57	0.004172	93,907	392	93,711	2,795,471	29.77
58	0.006696	89,198	597	88,900	2,272,571	25.48	58	0.004547	93,515	425	93,302	2,701,761	28.89
59	0.007274	88,601	644	88,279	2,183,671	24.65	59	0.004947	93,090	461	92,859	2,608,458	28.02
60	0.007882	87,957	693	87,610	2,095,392	23.82	60	0.005373	92,629	498	92,380	2,515,599	27.16
61	0.008584	87,263	749	86,889	2,007,782	23.01	61	0.005859	92,132	540	91,862	2,423,219	26.30
62	0.009476	86,514	820	86,104	1,920,893	22.20	62	0.006448	91,592	591	91,296	2,331,357	25.45
63	0.010602	85,694	909	85,240	1,834,789	21.41	63	0.007165	91,001	652	90,675	2,240,061	24.62
64	0.011906	84,786	1,009	84,281	1,749,549	20.63	64	0.007983	90,349	721	89,988	2,149,385	23.79
65	0.013366	83,776	1,120	83,217	1,665,268	19.88	65	0.008897	89,628	797	89,229	2,059,397	22.98
66	0.014847	82,657	1,227	82,043	1,582,051	19.14	66	0.009837	88,830	874	88,394	1,970,168	22.18
67	0.016211	81,430	1,320	80,769	1,500,008	18.42	67	0.010734	87,957	944	87,485	1,881,774	21.39
68	0.017384	80,109	1,393	79,413	1,419,238	17.72	68	0.011550	87,012	1,005	86,510	1,794,290	20.62
69	0.018461	78,717	1,453	77,990	1,339,825	17.02	69	0.012337	86,007	1,061	85,477	1,707,780	19.86
70	0.019671	77,264	1,520	76,504	1,261,835	16.33	70	0.013216	84,946	1,123	84,385	1,622,303	19.10
71	0.021095	75,744	1,598	74,945	1,185,331	15.65	71	0.014233	83,824	1,193	83,227	1,537,918	18.35
72	0.022630	74,146	1,678	73,307	1,110,386	14.98	72	0.015330	82,631	1,267	81,997	1,454,690	17.60
73	0.024291	72,468	1,760	71,588	1,037,079	14.31	73	0.016518	81,364	1,344	80,692	1,372,693	16.87
74	0.026139	70,708	1,848	69,784	965,491	13.65	74	0.017830	80,020	1,427	79,307	1,292,001	16.15
75	0.028370	68,860	1,954	67,883	895,708	13.01	75	0.019455	78,593	1,529	77,829	1,212,694	15.43
76	0.030957	66,906	2,071	65,870	827,825	12.37	76	0.021319	77,064	1,643	76,243	1,134,866	14.73
77	0.033716	64,835	2,186	63,742	761,955	11.75	77	0.023178	75,421	1,748	74,547	1,058,623	14.04
78	0.036612	62,649	2,294	61,502	698,213	11.14	78	0.024968	73,673	1,839	72,753	984,076	13.36
79	0.039812	60,355	2,403	59,154	636,711	10.55	79	0.026875	71,834	1,931	70,868	911,322	12.69

**Table 7 – Cohort Life Tables for U. S. Social Security Area by Year of Birth and Sex**

Male							Female						
x	q <sub>x</sub>	l <sub>x</sub>	d <sub>x</sub>	L <sub>x</sub>	T <sub>x</sub>	e <sub>x</sub>	x	q <sub>x</sub>	l <sub>x</sub>	d <sub>x</sub>	L <sub>x</sub>	T <sub>x</sub>	e <sub>x</sub>
<b>Year of Birth 1990</b>													
80	0.043263	57,952	2,507	56,699	577,557	9.97	80	0.029016	69,903	2,028	68,889	840,454	12.02
81	0.047424	55,445	2,629	54,130	520,859	9.39	81	0.031780	67,875	2,157	66,796	771,565	11.37
82	0.052925	52,816	2,795	51,418	466,728	8.84	82	0.035554	65,718	2,337	64,550	704,768	10.72
83	0.060075	50,020	3,005	48,518	415,310	8.30	83	0.040585	63,381	2,572	62,095	640,219	10.10
84	0.068514	47,015	3,221	45,405	366,793	7.80	84	0.046671	60,809	2,838	59,390	578,124	9.51
85	0.077661	43,794	3,401	42,094	321,388	7.34	85	0.053453	57,971	3,099	56,422	518,734	8.95
86	0.087028	40,393	3,515	38,635	279,294	6.91	86	0.060629	54,872	3,327	53,209	462,312	8.43
87	0.096316	36,878	3,552	35,102	240,659	6.53	87	0.068015	51,545	3,506	49,792	409,104	7.94
88	0.105438	33,326	3,514	31,569	205,557	6.17	88	0.075570	48,039	3,630	46,224	359,311	7.48
89	0.114496	29,812	3,413	28,105	173,988	5.84	89	0.083381	44,409	3,703	42,558	313,087	7.05
90	0.123653	26,399	3,264	24,767	145,883	5.53	90	0.091572	40,706	3,728	38,842	270,529	6.65
91	0.133100	23,134	3,079	21,595	121,116	5.24	91	0.100292	36,979	3,709	35,124	231,687	6.27
92	0.143035	20,055	2,869	18,621	99,521	4.96	92	0.109690	33,270	3,649	31,445	196,562	5.91
93	0.153635	17,187	2,640	15,866	80,901	4.71	93	0.119902	29,621	3,552	27,845	165,117	5.57
94	0.165061	14,546	2,401	13,346	65,034	4.47	94	0.131050	26,069	3,416	24,361	137,272	5.27
95	0.176357	12,145	2,142	11,074	51,689	4.26	95	0.142223	22,653	3,222	21,042	112,911	4.98
96	0.187379	10,003	1,874	9,066	40,614	4.06	96	0.153255	19,431	2,978	17,942	91,869	4.73
97	0.197979	8,129	1,609	7,324	31,548	3.88	97	0.163959	16,453	2,698	15,104	73,927	4.49
98	0.207992	6,520	1,356	5,842	24,224	3.72	98	0.174150	13,755	2,396	12,558	58,823	4.28
99	0.217277	5,164	1,122	4,603	18,383	3.56	99	0.183630	11,360	2,086	10,317	46,265	4.07
100	0.226978	4,042	917	3,583	13,780	3.41	100	0.193630	9,274	1,796	8,376	35,948	3.88
101	0.237119	3,124	741	2,754	10,197	3.26	101	0.204184	7,478	1,527	6,715	27,572	3.69
102	0.247716	2,383	590	2,088	7,443	3.12	102	0.215312	5,951	1,281	5,311	20,857	3.50
103	0.258799	1,793	464	1,561	5,355	2.99	103	0.227053	4,670	1,060	4,140	15,547	3.33
104	0.270376	1,329	359	1,149	3,794	2.85	104	0.239436	3,610	864	3,177	11,407	3.16
105	0.282478	970	274	833	2,645	2.73	105	0.252516	2,745	693	2,399	8,230	3.00
106	0.295125	696	205	593	1,812	2.60	106	0.266300	2,052	546	1,779	5,831	2.84
107	0.308349	490	151	415	1,219	2.49	107	0.280855	1,506	423	1,294	4,052	2.69
108	0.322168	339	109	285	804	2.37	108	0.296205	1,083	321	922	2,758	2.55
109	0.336616	230	77	191	520	2.26	109	0.312399	762	238	643	1,836	2.41
110	0.351715	153	54	126	328	2.15	110	0.329489	524	173	438	1,193	2.28
111	0.367504	99	36	81	203	2.05	111	0.347526	351	122	290	755	2.15
112	0.384011	63	24	51	122	1.95	112	0.366532	229	84	187	465	2.03
113	0.401264	39	15	31	71	1.85	113	0.386625	145	56	117	277	1.91
114	0.419304	23	10	18	41	1.76	114	0.407811	89	36	71	160	1.80
115	0.438153	13	6	10	22	1.67	115	0.430165	53	23	41	89	1.69
116	0.457874	8	3	6	12	1.59	116	0.453757	30	14	23	48	1.59
117	0.478469	4	2	3	6	1.50	117	0.478469	16	8	12	25	1.50
118	0.500026	2	1	2	3	1.42	118	0.500026	9	4	6	12	1.42
119	0.522543	1	1	1	1	1.35	119	0.522543	4	2	3	6	1.35



**Table 7 – Cohort Life Tables for U. S. Social Security Area by Year of Birth and Sex**

Male							Female						
x	q <sub>x</sub>	l <sub>x</sub>	d <sub>x</sub>	L <sub>x</sub>	T <sub>x</sub>	e <sub>x</sub>	x	q <sub>x</sub>	l <sub>x</sub>	d <sub>x</sub>	L <sub>x</sub>	T <sub>x</sub>	e <sub>x</sub>
<b>Year of Birth 2000</b>													
0	0.007372	100,000	737	99,356	7,968,154	79.68	0	0.006138	100,000	614	99,460	8,462,076	84.62
1	0.000522	99,263	52	99,237	7,868,798	79.27	1	0.000453	99,386	45	99,364	8,362,615	84.14
2	0.000342	99,211	34	99,194	7,769,561	78.31	2	0.000287	99,341	29	99,327	8,263,251	83.18
3	0.000277	99,177	27	99,163	7,670,367	77.34	3	0.000209	99,313	21	99,302	8,163,924	82.20
4	0.000210	99,150	21	99,139	7,571,203	76.36	4	0.000153	99,292	15	99,284	8,064,622	81.22
5	0.000187	99,129	19	99,120	7,472,064	75.38	5	0.000142	99,277	14	99,270	7,965,337	80.23
6	0.000176	99,110	17	99,102	7,372,945	74.39	6	0.000136	99,263	13	99,256	7,866,068	79.25
7	0.000167	99,093	17	99,085	7,273,843	73.40	7	0.000132	99,249	13	99,243	7,766,812	78.26
8	0.000149	99,076	15	99,069	7,174,759	72.42	8	0.000126	99,236	13	99,230	7,667,569	77.27
9	0.000126	99,061	12	99,055	7,075,690	71.43	9	0.000115	99,224	11	99,218	7,568,339	76.28
10	0.000108	99,049	11	99,044	6,976,635	70.44	10	0.000108	99,212	11	99,207	7,469,121	75.28
11	0.000113	99,038	11	99,033	6,877,591	69.44	11	0.000109	99,201	11	99,196	7,369,915	74.29
12	0.000166	99,027	16	99,019	6,778,559	68.45	12	0.000128	99,191	13	99,184	7,270,719	73.30
13	0.000279	99,011	28	98,997	6,679,540	67.46	13	0.000167	99,178	17	99,170	7,171,535	72.31
14	0.000430	98,983	43	98,962	6,580,543	66.48	14	0.000221	99,161	22	99,150	7,072,365	71.32
15	0.000597	98,940	59	98,911	6,481,581	65.51	15	0.000283	99,139	28	99,125	6,973,215	70.34
16	0.000750	98,881	74	98,844	6,382,670	64.55	16	0.000340	99,111	34	99,095	6,874,089	69.36
17	0.000878	98,807	87	98,764	6,283,825	63.60	17	0.000378	99,078	37	99,059	6,774,995	68.38
18	0.000969	98,720	96	98,673	6,185,061	62.65	18	0.000392	99,040	39	99,021	6,675,936	67.41
19	0.001031	98,625	102	98,574	6,086,389	61.71	19	0.000387	99,001	38	98,982	6,576,915	66.43
20	0.001091	98,523	107	98,469	5,987,815	60.78	20	0.000379	98,963	38	98,944	6,477,933	65.46
21	0.001150	98,416	113	98,359	5,889,345	59.84	21	0.000377	98,926	37	98,907	6,378,988	64.48
22	0.001178	98,302	116	98,245	5,790,986	58.91	22	0.000380	98,888	38	98,869	6,280,081	63.51
23	0.001173	98,187	115	98,129	5,692,742	57.98	23	0.000389	98,851	38	98,831	6,181,212	62.53
24	0.001142	98,072	112	98,016	5,594,613	57.05	24	0.000405	98,812	40	98,792	6,082,380	61.55
25	0.001100	97,960	108	97,906	5,496,597	56.11	25	0.000423	98,772	42	98,751	5,983,588	60.58
26	0.001068	97,852	105	97,800	5,398,692	55.17	26	0.000441	98,730	44	98,709	5,884,837	59.61
27	0.001064	97,747	104	97,695	5,300,892	54.23	27	0.000465	98,687	46	98,664	5,786,128	58.63
28	0.001098	97,643	107	97,590	5,203,197	53.29	28	0.000494	98,641	49	98,617	5,687,464	57.66
29	0.001160	97,536	113	97,479	5,105,608	52.35	29	0.000530	98,592	52	98,566	5,588,848	56.69
30	0.001233	97,423	120	97,363	5,008,128	51.41	30	0.000568	98,540	56	98,512	5,490,282	55.72
31	0.001303	97,303	127	97,239	4,910,765	50.47	31	0.000609	98,484	60	98,454	5,391,770	54.75
32	0.001367	97,176	133	97,110	4,813,526	49.53	32	0.000654	98,424	64	98,392	5,293,316	53.78
33	0.001425	97,043	138	96,974	4,716,416	48.60	33	0.000704	98,360	69	98,325	5,194,924	52.82
34	0.001478	96,905	143	96,833	4,619,442	47.67	34	0.000757	98,290	74	98,253	5,096,599	51.85
35	0.001533	96,762	148	96,687	4,522,609	46.74	35	0.000815	98,216	80	98,176	4,998,345	50.89
36	0.001599	96,613	154	96,536	4,425,922	45.81	36	0.000875	98,136	86	98,093	4,900,169	49.93
37	0.001680	96,459	162	96,378	4,329,386	44.88	37	0.000932	98,050	91	98,004	4,802,076	48.98
38	0.001779	96,297	171	96,211	4,233,008	43.96	38	0.000986	97,959	97	97,910	4,704,072	48.02
39	0.001892	96,125	182	96,035	4,136,797	43.04	39	0.001040	97,862	102	97,811	4,606,161	47.07

**Table 7 – Cohort Life Tables for U. S. Social Security Area by Year of Birth and Sex**

Male							Female						
x	q <sub>x</sub>	l <sub>x</sub>	d <sub>x</sub>	L <sub>x</sub>	T <sub>x</sub>	e <sub>x</sub>	x	q <sub>x</sub>	l <sub>x</sub>	d <sub>x</sub>	L <sub>x</sub>	T <sub>x</sub>	e <sub>x</sub>
<b>Year of Birth 2000</b>													
40	0.002015	95,944	193	95,847	4,040,762	42.12	40	0.001099	97,760	107	97,707	4,508,350	46.12
41	0.002141	95,750	205	95,648	3,944,915	41.20	41	0.001165	97,653	114	97,596	4,410,643	45.17
42	0.002262	95,545	216	95,437	3,849,267	40.29	42	0.001230	97,539	120	97,479	4,313,047	44.22
43	0.002372	95,329	226	95,216	3,753,830	39.38	43	0.001297	97,419	126	97,356	4,215,568	43.27
44	0.002481	95,103	236	94,985	3,658,614	38.47	44	0.001367	97,293	133	97,226	4,118,212	42.33
45	0.002602	94,867	247	94,744	3,563,629	37.56	45	0.001446	97,160	140	97,090	4,020,986	41.39
46	0.002739	94,620	259	94,491	3,468,885	36.66	46	0.001540	97,019	149	96,945	3,923,896	40.44
47	0.002877	94,361	271	94,225	3,374,395	35.76	47	0.001648	96,870	160	96,790	3,826,951	39.51
48	0.003015	94,090	284	93,948	3,280,170	34.86	48	0.001772	96,710	171	96,625	3,730,161	38.57
49	0.003164	93,806	297	93,657	3,186,222	33.97	49	0.001914	96,539	185	96,447	3,633,536	37.64
50	0.003336	93,509	312	93,353	3,092,564	33.07	50	0.002077	96,354	200	96,254	3,537,090	36.71
51	0.003543	93,197	330	93,032	2,999,211	32.18	51	0.002259	96,154	217	96,045	3,440,836	35.78
52	0.003784	92,867	351	92,691	2,906,179	31.29	52	0.002464	95,937	236	95,819	3,344,790	34.86
53	0.004068	92,516	376	92,327	2,813,488	30.41	53	0.002690	95,700	257	95,572	3,248,971	33.95
54	0.004394	92,139	405	91,937	2,721,161	29.53	54	0.002943	95,443	281	95,303	3,153,400	33.04
55	0.004779	91,734	438	91,515	2,629,224	28.66	55	0.003233	95,162	308	95,008	3,058,097	32.14
56	0.005216	91,296	476	91,058	2,537,709	27.80	56	0.003555	94,854	337	94,686	2,963,089	31.24
57	0.005681	90,820	516	90,562	2,446,651	26.94	57	0.003893	94,517	368	94,333	2,868,403	30.35
58	0.006169	90,304	557	90,025	2,356,089	26.09	58	0.004241	94,149	399	93,950	2,774,070	29.46
59	0.006700	89,747	601	89,446	2,266,064	25.25	59	0.004614	93,750	433	93,534	2,680,120	28.59
60	0.007259	89,145	647	88,822	2,176,618	24.42	60	0.005008	93,317	467	93,084	2,586,586	27.72
61	0.007909	88,498	700	88,148	2,087,796	23.59	61	0.005460	92,850	507	92,597	2,493,502	26.86
62	0.008745	87,798	768	87,414	1,999,648	22.78	62	0.006015	92,343	555	92,065	2,400,906	26.00
63	0.009810	87,031	854	86,604	1,912,234	21.97	63	0.006690	91,788	614	91,481	2,308,840	25.15
64	0.011050	86,177	952	85,701	1,825,630	21.18	64	0.007465	91,174	681	90,833	2,217,359	24.32
65	0.012439	85,225	1,060	84,694	1,739,929	20.42	65	0.008331	90,493	754	90,116	2,126,526	23.50
66	0.013845	84,164	1,165	83,582	1,655,235	19.67	66	0.009221	89,739	827	89,325	2,036,410	22.69
67	0.015138	82,999	1,256	82,371	1,571,653	18.94	67	0.010068	88,912	895	88,464	1,947,085	21.90
68	0.016246	81,743	1,328	81,079	1,489,282	18.22	68	0.010839	88,017	954	87,540	1,858,620	21.12
69	0.017258	80,415	1,388	79,721	1,408,203	17.51	69	0.011580	87,063	1,008	86,558	1,771,081	20.34
70	0.018393	79,027	1,454	78,300	1,328,482	16.81	70	0.012407	86,054	1,068	85,520	1,684,523	19.58
71	0.019732	77,573	1,531	76,808	1,250,182	16.12	71	0.013363	84,987	1,136	84,419	1,599,002	18.81
72	0.021172	76,043	1,610	75,238	1,173,374	15.43	72	0.014394	83,851	1,207	83,247	1,514,583	18.06
73	0.022733	74,433	1,692	73,587	1,098,137	14.75	73	0.015512	82,644	1,282	82,003	1,431,336	17.32
74	0.024467	72,741	1,780	71,851	1,024,550	14.08	74	0.016747	81,362	1,363	80,681	1,349,333	16.58
75	0.026575	70,961	1,886	70,018	952,699	13.43	75	0.018286	79,999	1,463	79,268	1,268,652	15.86
76	0.029020	69,075	2,005	68,073	882,681	12.78	76	0.020049	78,537	1,575	77,749	1,189,384	15.14
77	0.031608	67,071	2,120	66,011	814,608	12.15	77	0.021791	76,962	1,677	76,123	1,111,635	14.44
78	0.034300	64,951	2,228	63,837	748,598	11.53	78	0.023443	75,285	1,765	74,402	1,035,511	13.75
79	0.037272	62,723	2,338	61,554	684,761	10.92	79	0.025196	73,520	1,852	72,594	961,109	13.07

**Table 7 – Cohort Life Tables for U. S. Social Security Area by Year of Birth and Sex**

Male							Female						
x	q <sub>x</sub>	l <sub>x</sub>	d <sub>x</sub>	L <sub>x</sub>	T <sub>x</sub>	e <sub>x</sub>	x	q <sub>x</sub>	l <sub>x</sub>	d <sub>x</sub>	L <sub>x</sub>	T <sub>x</sub>	e <sub>x</sub>
<b>Year of Birth 2000</b>													
80	0.040467	60,385	2,444	59,163	623,207	10.32	80	0.027160	71,668	1,946	70,694	888,515	12.40
81	0.044361	57,941	2,570	56,656	564,044	9.73	81	0.029730	69,721	2,073	68,685	817,821	11.73
82	0.049594	55,371	2,746	53,998	507,388	9.16	82	0.033315	67,648	2,254	66,521	749,136	11.07
83	0.056477	52,625	2,972	51,139	453,390	8.62	83	0.038162	65,395	2,496	64,147	682,615	10.44
84	0.064641	49,653	3,210	48,048	402,251	8.10	84	0.044052	62,899	2,771	61,514	618,468	9.83
85	0.073489	46,443	3,413	44,737	354,203	7.63	85	0.050612	60,128	3,043	58,607	556,954	9.26
86	0.082522	43,030	3,551	41,255	309,466	7.19	86	0.057524	57,085	3,284	55,443	498,347	8.73
87	0.091437	39,479	3,610	37,674	268,211	6.79	87	0.064599	53,801	3,476	52,063	442,904	8.23
88	0.100148	35,869	3,592	34,073	230,537	6.43	88	0.071793	50,326	3,613	48,519	390,841	7.77
89	0.108764	32,277	3,511	30,522	196,464	6.09	89	0.079199	46,713	3,700	44,863	342,322	7.33
90	0.117451	28,767	3,379	27,077	165,942	5.77	90	0.086946	43,013	3,740	41,143	297,459	6.92
91	0.126406	25,388	3,209	23,783	138,864	5.47	91	0.095189	39,273	3,738	37,404	256,316	6.53
92	0.135833	22,179	3,013	20,672	115,081	5.19	92	0.104082	35,535	3,699	33,686	218,912	6.16
93	0.145910	19,166	2,797	17,768	94,409	4.93	93	0.113764	31,836	3,622	30,025	185,226	5.82
94	0.156808	16,370	2,567	15,086	76,641	4.68	94	0.124363	28,215	3,509	26,460	155,201	5.50
95	0.167585	13,803	2,313	12,646	61,555	4.46	95	0.134995	24,706	3,335	23,038	128,740	5.21
96	0.178102	11,490	2,046	10,466	48,909	4.26	96	0.145491	21,371	3,109	19,816	105,702	4.95
97	0.188219	9,443	1,777	8,555	38,442	4.07	97	0.155689	18,261	2,843	16,840	85,886	4.70
98	0.197783	7,666	1,516	6,908	29,888	3.90	98	0.165400	15,418	2,550	14,143	69,047	4.48
99	0.206653	6,150	1,271	5,514	22,980	3.74	99	0.174442	12,868	2,245	11,746	54,904	4.27
100	0.215923	4,879	1,053	4,352	17,466	3.58	100	0.183985	10,623	1,955	9,646	43,158	4.06
101	0.225616	3,825	863	3,394	13,113	3.43	101	0.194057	8,669	1,682	7,828	33,512	3.87
102	0.235750	2,962	698	2,613	9,720	3.28	102	0.204670	6,987	1,430	6,272	25,684	3.68
103	0.246341	2,264	558	1,985	7,106	3.14	103	0.215890	5,557	1,200	4,957	19,413	3.49
104	0.257416	1,706	439	1,487	5,121	3.00	104	0.227720	4,357	992	3,861	14,456	3.32
105	0.268988	1,267	341	1,097	3,635	2.87	105	0.240202	3,365	808	2,961	10,595	3.15
106	0.281095	926	260	796	2,538	2.74	106	0.253376	2,557	648	2,233	7,634	2.99
107	0.293739	666	196	568	1,742	2.62	107	0.267273	1,909	510	1,654	5,401	2.83
108	0.306973	470	144	398	1,174	2.50	108	0.281942	1,399	394	1,201	3,748	2.68
109	0.320796	326	105	274	776	2.38	109	0.297423	1,004	299	855	2,546	2.54
110	0.335245	221	74	184	502	2.27	110	0.313760	706	221	595	1,691	2.40
111	0.350365	147	52	121	318	2.16	111	0.331002	484	160	404	1,096	2.26
112	0.366167	96	35	78	197	2.06	112	0.349190	324	113	267	692	2.14
113	0.382696	61	23	49	119	1.96	113	0.368404	211	78	172	425	2.02
114	0.399973	37	15	30	70	1.86	114	0.388668	133	52	107	253	1.90
115	0.418025	22	9	18	40	1.77	115	0.410068	81	33	65	146	1.79
116	0.436917	13	6	10	22	1.68	116	0.432647	48	21	38	81	1.69
117	0.456663	7	3	6	12	1.59	117	0.456469	27	12	21	43	1.59
118	0.477312	4	2	3	6	1.51	118	0.477312	15	7	11	22	1.51
119	0.498904	2	1	2	3	1.43	119	0.498904	8	4	6	11	1.43

**Table 8 – Period Probabilities of Death Within One Year ( $q_x$ )  
at Selected Exact Ages, by Sex and Calendar Year**

Sex and Exact Age													
Calendar Year	Male						Calendar Year	Female					
	0	30	60	65	70	100		0	30	60	65	70	100
1900	0.14596	0.00838	0.02930	0.04159	0.06182	0.44992	1900	0.11969	0.00829	0.02627	0.03691	0.05627	0.44992
1901	0.12802	0.00852	0.03035	0.04228	0.06170	0.44584	1901	0.10426	0.00801	0.02691	0.03751	0.05564	0.44584
1902	0.12557	0.00789	0.02881	0.03984	0.05939	0.41664	1902	0.10262	0.00751	0.02458	0.03454	0.05206	0.41664
1903	0.12031	0.00788	0.02995	0.04149	0.06102	0.43881	1903	0.09804	0.00743	0.02616	0.03653	0.05399	0.43881
1904	0.12599	0.00827	0.03259	0.04357	0.06503	0.46835	1904	0.10272	0.00773	0.02696	0.03741	0.05819	0.46835
1905	0.12792	0.00781	0.03121	0.04244	0.06113	0.46570	1905	0.10358	0.00738	0.02641	0.03754	0.05563	0.46570
1906	0.13091	0.00802	0.03054	0.04189	0.06031	0.46346	1906	0.10658	0.00726	0.02541	0.03615	0.05391	0.46346
1907	0.12497	0.00833	0.03222	0.04463	0.06533	0.47832	1907	0.10230	0.00709	0.02671	0.03786	0.05730	0.47832
1908	0.12021	0.00716	0.02941	0.03987	0.05862	0.44935	1908	0.09842	0.00653	0.02454	0.03536	0.05351	0.44935
1909	0.11457	0.00676	0.02856	0.04053	0.05907	0.45143	1909	0.09367	0.00615	0.02386	0.03532	0.05262	0.45143
1910	0.12006	0.00713	0.02968	0.04151	0.06173	0.45279	1910	0.09826	0.00635	0.02424	0.03591	0.05513	0.45279
1911	0.10456	0.00689	0.02886	0.04054	0.06164	0.44297	1911	0.08551	0.00618	0.02392	0.03511	0.05497	0.44297
1912	0.10242	0.00664	0.02888	0.04072	0.06091	0.43638	1912	0.08286	0.00588	0.02369	0.03498	0.05360	0.43638
1913	0.10576	0.00679	0.02847	0.04007	0.06143	0.42813	1913	0.08548	0.00584	0.02313	0.03410	0.05339	0.42813
1914	0.09930	0.00655	0.02793	0.03950	0.06214	0.41797	1914	0.08034	0.00575	0.02308	0.03376	0.05386	0.41797
1915	0.09565	0.00637	0.02797	0.03947	0.06331	0.43496	1915	0.07604	0.00562	0.02352	0.03444	0.05623	0.43496
1916	0.09748	0.00672	0.02882	0.04116	0.06412	0.44285	1916	0.07743	0.00580	0.02383	0.03542	0.05652	0.44285
1917	0.09689	0.00715	0.02926	0.04170	0.06475	0.43548	1917	0.07638	0.00596	0.02402	0.03549	0.05613	0.43548
1918	0.10263	0.01792	0.02864	0.04080	0.06180	0.40429	1918	0.08206	0.01422	0.02405	0.03501	0.05430	0.40429
1919	0.08467	0.00762	0.02465	0.03606	0.05467	0.40646	1919	0.06703	0.00771	0.02169	0.03268	0.05006	0.40646
1920	0.08594	0.00660	0.02481	0.03714	0.05728	0.43876	1920	0.06773	0.00730	0.02268	0.03408	0.05255	0.43876
1921	0.07529	0.00481	0.02390	0.03493	0.05409	0.41868	1921	0.05984	0.00501	0.02137	0.03164	0.04908	0.41868
1922	0.07283	0.00502	0.02585	0.03755	0.05878	0.43513	1922	0.05750	0.00507	0.02239	0.03306	0.05208	0.43513
1923	0.07539	0.00505	0.02725	0.03847	0.06005	0.45979	1923	0.06051	0.00493	0.02309	0.03362	0.05354	0.45979
1924	0.07223	0.00471	0.02654	0.03793	0.05825	0.43672	1924	0.05678	0.00458	0.02225	0.03162	0.05050	0.43672
1925	0.07093	0.00478	0.02664	0.03882	0.05838	0.45799	1925	0.05597	0.00459	0.02236	0.03293	0.05050	0.45799
1926	0.07290	0.00481	0.02719	0.04067	0.05969	0.48099	1926	0.05789	0.00466	0.02298	0.03431	0.05204	0.48099
1927	0.06533	0.00461	0.02600	0.03932	0.05681	0.45751	1927	0.05119	0.00452	0.02122	0.03257	0.04869	0.45751
1928	0.06918	0.00499	0.02701	0.04151	0.05945	0.49637	1928	0.05406	0.00476	0.02223	0.03444	0.05102	0.49637
1929	0.06736	0.00510	0.02733	0.04147	0.05929	0.49290	1929	0.05349	0.00480	0.02218	0.03417	0.05055	0.49290
1930	0.06495	0.00491	0.02740	0.03945	0.05752	0.44748	1930	0.05179	0.00445	0.02187	0.03205	0.04848	0.44748
1931	0.06113	0.00475	0.02711	0.03773	0.05652	0.44337	1931	0.04836	0.00433	0.02159	0.03080	0.04731	0.44337
1932	0.05826	0.00434	0.02729	0.03711	0.05644	0.45123	1932	0.04628	0.00406	0.02162	0.03034	0.04804	0.45123
1933	0.05806	0.00428	0.02751	0.03700	0.05631	0.43817	1933	0.04642	0.00389	0.02120	0.02975	0.04631	0.43817
1934	0.06319	0.00435	0.02802	0.03789	0.05646	0.43986	1934	0.05002	0.00383	0.02133	0.02987	0.04621	0.43986
1935	0.05848	0.00427	0.02725	0.03825	0.05478	0.44405	1935	0.04542	0.00375	0.02053	0.02997	0.04479	0.44405
1936	0.05991	0.00437	0.02851	0.04044	0.05644	0.47117	1936	0.04709	0.00377	0.02096	0.03130	0.04600	0.47117
1937	0.05839	0.00422	0.02786	0.03988	0.05456	0.45528	1937	0.04605	0.00353	0.02013	0.03017	0.04381	0.45528
1938	0.05562	0.00363	0.02587	0.03779	0.05301	0.43681	1938	0.04369	0.00308	0.01900	0.02870	0.04247	0.43681
1939	0.05174	0.00346	0.02607	0.03763	0.05366	0.45050	1939	0.04064	0.00293	0.01905	0.02820	0.04283	0.45050
1940	0.05286	0.00340	0.02663	0.03812	0.05611	0.44202	1940	0.04163	0.00277	0.01829	0.02764	0.04395	0.44202
1941	0.05097	0.00330	0.02593	0.03701	0.05474	0.43275	1941	0.04051	0.00260	0.01751	0.02637	0.04183	0.43275
1942	0.04601	0.00321	0.02564	0.03644	0.05321	0.41901	1942	0.03661	0.00240	0.01711	0.02552	0.04083	0.41901
1943	0.04490	0.00312	0.02635	0.03669	0.05474	0.44819	1943	0.03526	0.00238	0.01753	0.02598	0.04212	0.44819
1944	0.04396	0.00313	0.02569	0.03534	0.05219	0.42515	1944	0.03509	0.00225	0.01675	0.02456	0.03995	0.42515

**Table 8 – Period Probabilities of Death Within One Year ( $q_x$ )  
at Selected Exact Ages, by Sex and Calendar Year**

Sex and Exact Age													
Calendar Year	Male						Calendar Year	Female					
	0	30	60	65	70	100		0	30	60	65	70	100
1945	0.04250	0.00338	0.02568	0.03499	0.05066	0.42262	1945	0.03340	0.00212	0.01622	0.02378	0.03802	0.42262
1946	0.03941	0.00259	0.02502	0.03400	0.04889	0.41383	1946	0.03084	0.00193	0.01573	0.02279	0.03684	0.41383
1947	0.03594	0.00240	0.02577	0.03510	0.05074	0.42575	1947	0.02796	0.00180	0.01567	0.02278	0.03707	0.42575
1948	0.03588	0.00229	0.02538	0.03503	0.05024	0.41506	1948	0.02787	0.00160	0.01523	0.02223	0.03588	0.41506
1949	0.03516	0.00214	0.02501	0.03497	0.04974	0.39344	1949	0.02736	0.00151	0.01477	0.02193	0.03521	0.39344
1950	0.03279	0.00213	0.02476	0.03487	0.05046	0.38649	1950	0.02551	0.00143	0.01462	0.02129	0.03449	0.38649
1951	0.03214	0.00214	0.02447	0.03499	0.05026	0.37703	1951	0.02490	0.00137	0.01429	0.02104	0.03370	0.37703
1952	0.03196	0.00210	0.02452	0.03487	0.04924	0.36521	1952	0.02498	0.00131	0.01379	0.02062	0.03314	0.36521
1953	0.03125	0.00202	0.02444	0.03513	0.04948	0.37257	1953	0.02429	0.00121	0.01336	0.02044	0.03282	0.37257
1954	0.02990	0.00191	0.02311	0.03391	0.04811	0.35956	1954	0.02328	0.00112	0.01261	0.01948	0.03098	0.35956
1955	0.02963	0.00185	0.02309	0.03408	0.04859	0.38025	1955	0.02308	0.00108	0.01237	0.01962	0.03059	0.38025
1956	0.02934	0.00187	0.02347	0.03446	0.04872	0.38607	1956	0.02264	0.00108	0.01236	0.01946	0.03033	0.38607
1957	0.02957	0.00189	0.02412	0.03581	0.05031	0.39041	1957	0.02304	0.00114	0.01259	0.01983	0.03085	0.39041
1958	0.03020	0.00183	0.02366	0.03524	0.04947	0.38842	1958	0.02372	0.00108	0.01237	0.01924	0.03029	0.38842
1959	0.02959	0.00185	0.02347	0.03460	0.04893	0.38059	1959	0.02305	0.00108	0.01209	0.01869	0.02938	0.37882
1960	0.02937	0.00183	0.02392	0.03515	0.05019	0.38224	1960	0.02262	0.00106	0.01237	0.01869	0.02941	0.37530
1961	0.02838	0.00178	0.02339	0.03485	0.04841	0.38167	1961	0.02199	0.00104	0.01197	0.01820	0.02841	0.37309
1962	0.02851	0.00179	0.02362	0.03548	0.04920	0.39318	1962	0.02184	0.00105	0.01212	0.01835	0.02842	0.38453
1963	0.02837	0.00185	0.02422	0.03609	0.05056	0.40181	1963	0.02181	0.00105	0.01230	0.01840	0.02839	0.38710
1964	0.02776	0.00194	0.02417	0.03521	0.04902	0.38323	1964	0.02153	0.00108	0.01197	0.01796	0.02724	0.37191
1965	0.02753	0.00192	0.02421	0.03554	0.04924	0.38870	1965	0.02134	0.00107	0.01173	0.01794	0.02678	0.37124
1966	0.02655	0.00197	0.02430	0.03566	0.05008	0.38572	1966	0.02058	0.00108	0.01146	0.01780	0.02721	0.36763
1967	0.02513	0.00199	0.02385	0.03466	0.04971	0.37538	1967	0.01949	0.00102	0.01121	0.01737	0.02653	0.35377
1968	0.02455	0.00209	0.02446	0.03543	0.05072	0.40198	1968	0.01893	0.00104	0.01167	0.01686	0.02620	0.36051
1969	0.02350	0.00211	0.02376	0.03429	0.04938	0.38292	1969	0.01818	0.00104	0.01127	0.01613	0.02541	0.34267
1970	0.02246	0.00209	0.02348	0.03416	0.04887	0.36256	1970	0.01759	0.00101	0.01123	0.01599	0.02513	0.32731
1971	0.02127	0.00207	0.02283	0.03372	0.04890	0.36450	1971	0.01652	0.00101	0.01105	0.01592	0.02477	0.32875
1972	0.02065	0.00206	0.02301	0.03373	0.04923	0.36652	1972	0.01592	0.00099	0.01093	0.01589	0.02485	0.32921
1973	0.01981	0.00206	0.02251	0.03321	0.04839	0.37153	1973	0.01537	0.00094	0.01090	0.01551	0.02395	0.33090
1974	0.01873	0.00198	0.02149	0.03215	0.04671	0.35241	1974	0.01465	0.00090	0.01059	0.01514	0.02312	0.31530
1975	0.01783	0.00193	0.02080	0.03122	0.04556	0.34049	1975	0.01416	0.00084	0.01023	0.01465	0.02237	0.30448
1976	0.01687	0.00182	0.02045	0.03089	0.04489	0.35697	1976	0.01361	0.00081	0.01017	0.01462	0.02210	0.31368
1977	0.01580	0.00181	0.01979	0.03003	0.04416	0.34161	1977	0.01244	0.00078	0.00992	0.01451	0.02170	0.30297
1978	0.01529	0.00180	0.01950	0.02983	0.04395	0.34089	1978	0.01226	0.00077	0.00982	0.01446	0.02172	0.31864
1979	0.01457	0.00186	0.01868	0.02882	0.04281	0.32979	1979	0.01162	0.00074	0.00946	0.01411	0.02128	0.29205
1980	0.01398	0.00189	0.01844	0.02881	0.04312	0.34225	1980	0.01125	0.00075	0.00954	0.01451	0.02194	0.30840
1981	0.01315	0.00185	0.01803	0.02792	0.04208	0.33053	1981	0.01066	0.00073	0.00947	0.01429	0.02150	0.29866
1982	0.01278	0.00179	0.01768	0.02730	0.04097	0.31548	1982	0.01022	0.00070	0.00940	0.01415	0.02127	0.27972
1983	0.01229	0.00174	0.01765	0.02713	0.04139	0.32716	1983	0.00994	0.00069	0.00948	0.01425	0.02164	0.29501
1984	0.01193	0.00176	0.01748	0.02677	0.04068	0.33074	1984	0.00965	0.00069	0.00938	0.01430	0.02158	0.29435
1985	0.01194	0.00180	0.01733	0.02656	0.04052	0.33930	1985	0.00934	0.00070	0.00939	0.01423	0.02162	0.30308
1986	0.01154	0.00198	0.01693	0.02608	0.03975	0.33024	1986	0.00910	0.00073	0.00927	0.01427	0.02168	0.30085
1987	0.01120	0.00197	0.01675	0.02563	0.03889	0.32040	1987	0.00896	0.00075	0.00920	0.01410	0.02138	0.29934
1988	0.01102	0.00201	0.01640	0.02614	0.03880	0.36143	1988	0.00890	0.00075	0.00920	0.01421	0.02135	0.31246
1989	0.01085	0.00206	0.01599	0.02526	0.03747	0.34564	1989	0.00881	0.00077	0.00895	0.01392	0.02092	0.30466

**Table 8 – Period Probabilities of Death Within One Year ( $q_x$ )  
at Selected Exact Ages, by Sex and Calendar Year**

Sex and Exact Age													
Calendar Year	Male						Calendar Year	Female					
	0	30	60	65	70	100		0	30	60	65	70	100
1990	0.01028	0.00204	0.01561	0.02481	0.03660	0.34518	1990	0.00815	0.00075	0.00883	0.01381	0.02054	0.29783
1991	0.00998	0.00204	0.01530	0.02431	0.03592	0.33568	1991	0.00784	0.00074	0.00875	0.01362	0.02037	0.29323
1992	0.00937	0.00203	0.01482	0.02388	0.03582	0.34134	1992	0.00759	0.00073	0.00855	0.01352	0.02039	0.28674
1993	0.00923	0.00210	0.01487	0.02407	0.03603	0.34961	1993	0.00742	0.00076	0.00867	0.01378	0.02061	0.30274
1994	0.00880	0.00211	0.01462	0.02366	0.03478	0.35462	1994	0.00719	0.00077	0.00851	0.01366	0.02035	0.30166
1995	0.00831	0.00207	0.01438	0.02328	0.03440	0.35843	1995	0.00679	0.00077	0.00854	0.01360	0.02040	0.30535
1996	0.00803	0.00179	0.01424	0.02295	0.03385	0.36059	1996	0.00659	0.00074	0.00847	0.01357	0.02027	0.30669
1997	0.00795	0.00159	0.01366	0.02249	0.03338	0.36431	1997	0.00647	0.00069	0.00837	0.01338	0.02013	0.31157
1998	0.00785	0.00149	0.01334	0.02184	0.03294	0.36395	1998	0.00655	0.00067	0.00812	0.01328	0.02023	0.31327
1999	0.00773	0.00148	0.01312	0.02124	0.03252	0.37130	1999	0.00636	0.00066	0.00808	0.01324	0.02023	0.32511
2000	0.00737	0.00155	0.01300	0.02147	0.03229	0.36281	2000	0.00614	0.00069	0.00799	0.01313	0.02004	0.31677
2001	0.00715	0.00154	0.01280	0.02122	0.03191	0.36492	2001	0.00596	0.00069	0.00793	0.01310	0.01999	0.31829
2002	0.00694	0.00153	0.01260	0.02098	0.03153	0.36706	2002	0.00579	0.00069	0.00787	0.01306	0.01996	0.31991
2003	0.00675	0.00153	0.01242	0.02075	0.03119	0.36831	2003	0.00564	0.00069	0.00781	0.01301	0.01990	0.32081
2004	0.00658	0.00152	0.01225	0.02053	0.03086	0.36882	2004	0.00551	0.00068	0.00775	0.01295	0.01982	0.32110
2005	0.00642	0.00151	0.01209	0.02032	0.03054	0.36873	2005	0.00538	0.00068	0.00769	0.01289	0.01972	0.32090
2006	0.00628	0.00150	0.01194	0.02012	0.03024	0.36816	2006	0.00526	0.00068	0.00763	0.01281	0.01961	0.32030
2007	0.00614	0.00149	0.01180	0.01992	0.02995	0.36722	2007	0.00515	0.00067	0.00757	0.01273	0.01949	0.31937
2008	0.00602	0.00148	0.01167	0.01973	0.02967	0.36597	2008	0.00505	0.00067	0.00750	0.01264	0.01936	0.31818
2009	0.00589	0.00147	0.01154	0.01954	0.02939	0.36448	2009	0.00495	0.00067	0.00744	0.01255	0.01923	0.31680
2010	0.00578	0.00146	0.01142	0.01936	0.02912	0.36280	2010	0.00485	0.00066	0.00738	0.01246	0.01909	0.31525
2011	0.00567	0.00145	0.01130	0.01918	0.02886	0.36098	2011	0.00476	0.00066	0.00731	0.01236	0.01895	0.31357
2012	0.00556	0.00144	0.01118	0.01900	0.02860	0.35905	2012	0.00467	0.00065	0.00725	0.01227	0.01881	0.31180
2013	0.00546	0.00143	0.01106	0.01883	0.02834	0.35702	2013	0.00459	0.00065	0.00719	0.01217	0.01866	0.30995
2014	0.00536	0.00141	0.01095	0.01866	0.02810	0.35494	2014	0.00450	0.00064	0.00713	0.01208	0.01851	0.30805
2015	0.00527	0.00140	0.01084	0.01849	0.02785	0.35281	2015	0.00442	0.00064	0.00707	0.01198	0.01837	0.30611
2016	0.00517	0.00139	0.01073	0.01833	0.02761	0.35065	2016	0.00435	0.00063	0.00701	0.01189	0.01822	0.30414
2017	0.00508	0.00138	0.01063	0.01817	0.02737	0.34847	2017	0.00427	0.00063	0.00695	0.01179	0.01808	0.30216
2018	0.00499	0.00137	0.01052	0.01801	0.02714	0.34627	2018	0.00419	0.00062	0.00689	0.01170	0.01793	0.30017
2019	0.00490	0.00136	0.01042	0.01785	0.02691	0.34407	2019	0.00412	0.00062	0.00684	0.01160	0.01779	0.29817
2020	0.00482	0.00134	0.01032	0.01769	0.02668	0.34187	2020	0.00405	0.00061	0.00678	0.01151	0.01765	0.29618
2021	0.00473	0.00133	0.01022	0.01754	0.02645	0.33968	2021	0.00398	0.00061	0.00672	0.01142	0.01751	0.29419
2022	0.00465	0.00132	0.01012	0.01739	0.02623	0.33750	2022	0.00391	0.00060	0.00667	0.01133	0.01737	0.29221
2023	0.00457	0.00131	0.01003	0.01724	0.02602	0.33531	2023	0.00384	0.00060	0.00661	0.01124	0.01723	0.29024
2024	0.00449	0.00130	0.00993	0.01709	0.02580	0.33315	2024	0.00377	0.00060	0.00656	0.01115	0.01710	0.28829
2025	0.00441	0.00129	0.00984	0.01695	0.02559	0.33101	2025	0.00371	0.00059	0.00651	0.01107	0.01697	0.28634
2026	0.00434	0.00128	0.00975	0.01680	0.02538	0.32884	2026	0.00365	0.00059	0.00645	0.01098	0.01683	0.28439
2027	0.00426	0.00127	0.00966	0.01666	0.02517	0.32672	2027	0.00358	0.00058	0.00640	0.01089	0.01670	0.28246
2028	0.00419	0.00125	0.00957	0.01652	0.02497	0.32460	2028	0.00352	0.00058	0.00635	0.01081	0.01657	0.28056
2029	0.00412	0.00124	0.00948	0.01638	0.02477	0.32251	2029	0.00346	0.00057	0.00630	0.01073	0.01645	0.27867
2030	0.00405	0.00123	0.00940	0.01625	0.02457	0.32044	2030	0.00340	0.00057	0.00625	0.01064	0.01632	0.27680
2031	0.00398	0.00122	0.00931	0.01611	0.02438	0.31838	2031	0.00334	0.00056	0.00620	0.01056	0.01620	0.27495
2032	0.00391	0.00121	0.00923	0.01598	0.02418	0.31636	2032	0.00329	0.00056	0.00615	0.01048	0.01607	0.27313
2033	0.00384	0.00120	0.00914	0.01585	0.02399	0.31435	2033	0.00323	0.00056	0.00610	0.01040	0.01595	0.27131
2034	0.00378	0.00119	0.00906	0.01572	0.02381	0.31235	2034	0.00317	0.00055	0.00606	0.01033	0.01584	0.26952

**Table 8 – Period Probabilities of Death Within One Year ( $q_x$ )  
at Selected Exact Ages, by Sex and Calendar Year**

Sex and Exact Age													
Calendar Year	Male						Calendar Year	Female					
	0	30	60	65	70	100		0	30	60	65	70	100
2035	0.00371	0.00118	0.00898	0.01560	0.02362	0.31039	2035	0.00312	0.00055	0.00601	0.01025	0.01572	0.26775
2036	0.00365	0.00117	0.00890	0.01547	0.02344	0.30843	2036	0.00306	0.00054	0.00596	0.01017	0.01560	0.26599
2037	0.00359	0.00116	0.00882	0.01535	0.02326	0.30650	2037	0.00301	0.00054	0.00592	0.01010	0.01549	0.26426
2038	0.00352	0.00115	0.00874	0.01523	0.02308	0.30459	2038	0.00296	0.00054	0.00587	0.01002	0.01537	0.26254
2039	0.00346	0.00114	0.00866	0.01510	0.02290	0.30270	2039	0.00291	0.00053	0.00583	0.00995	0.01526	0.26084
2040	0.00341	0.00113	0.00859	0.01499	0.02273	0.30082	2040	0.00286	0.00053	0.00578	0.00988	0.01515	0.25916
2041	0.00335	0.00112	0.00851	0.01487	0.02256	0.29897	2041	0.00281	0.00052	0.00574	0.00981	0.01504	0.25750
2042	0.00329	0.00112	0.00844	0.01475	0.02239	0.29713	2042	0.00276	0.00052	0.00570	0.00974	0.01494	0.25585
2043	0.00323	0.00111	0.00837	0.01464	0.02222	0.29531	2043	0.00272	0.00051	0.00566	0.00967	0.01483	0.25422
2044	0.00318	0.00110	0.00830	0.01452	0.02206	0.29351	2044	0.00267	0.00051	0.00561	0.00960	0.01473	0.25260
2045	0.00312	0.00109	0.00822	0.01441	0.02189	0.29173	2045	0.00262	0.00051	0.00557	0.00953	0.01462	0.25101
2046	0.00307	0.00108	0.00815	0.01430	0.02173	0.28996	2046	0.00258	0.00050	0.00553	0.00947	0.01452	0.24942
2047	0.00302	0.00107	0.00808	0.01419	0.02157	0.28821	2047	0.00254	0.00050	0.00549	0.00940	0.01442	0.24786
2048	0.00297	0.00106	0.00802	0.01408	0.02142	0.28648	2048	0.00249	0.00050	0.00545	0.00933	0.01432	0.24631
2049	0.00292	0.00105	0.00795	0.01398	0.02126	0.28479	2049	0.00245	0.00049	0.00541	0.00927	0.01422	0.24478
2050	0.00287	0.00104	0.00788	0.01387	0.02111	0.28309	2050	0.00241	0.00049	0.00537	0.00920	0.01413	0.24326
2051	0.00282	0.00104	0.00782	0.01377	0.02096	0.28141	2051	0.00237	0.00049	0.00534	0.00914	0.01403	0.24176
2052	0.00277	0.00103	0.00775	0.01367	0.02081	0.27974	2052	0.00233	0.00048	0.00530	0.00908	0.01394	0.24028
2053	0.00272	0.00102	0.00769	0.01357	0.02066	0.27810	2053	0.00229	0.00048	0.00526	0.00902	0.01384	0.23881
2054	0.00268	0.00101	0.00762	0.01347	0.02051	0.27646	2054	0.00225	0.00048	0.00522	0.00896	0.01375	0.23735
2055	0.00263	0.00100	0.00756	0.01337	0.02037	0.27484	2055	0.00221	0.00047	0.00519	0.00890	0.01366	0.23591
2056	0.00259	0.00099	0.00750	0.01327	0.02022	0.27324	2056	0.00217	0.00047	0.00515	0.00884	0.01357	0.23449
2057	0.00254	0.00099	0.00744	0.01317	0.02008	0.27166	2057	0.00214	0.00047	0.00511	0.00878	0.01348	0.23308
2058	0.00250	0.00098	0.00738	0.01308	0.01994	0.27009	2058	0.00210	0.00046	0.00508	0.00872	0.01339	0.23167
2059	0.00246	0.00097	0.00732	0.01298	0.01981	0.26853	2059	0.00207	0.00046	0.00504	0.00866	0.01330	0.23029
2060	0.00242	0.00096	0.00726	0.01289	0.01967	0.26699	2060	0.00203	0.00045	0.00501	0.00861	0.01322	0.22893
2061	0.00238	0.00095	0.00720	0.01280	0.01954	0.26546	2061	0.00200	0.00045	0.00497	0.00855	0.01313	0.22757
2062	0.00234	0.00094	0.00714	0.01271	0.01940	0.26395	2062	0.00196	0.00045	0.00494	0.00849	0.01305	0.22623
2063	0.00230	0.00094	0.00709	0.01262	0.01927	0.26246	2063	0.00193	0.00045	0.00491	0.00844	0.01297	0.22490
2064	0.00226	0.00093	0.00703	0.01253	0.01914	0.26097	2064	0.00190	0.00044	0.00487	0.00839	0.01288	0.22359
2065	0.00222	0.00092	0.00698	0.01244	0.01901	0.25951	2065	0.00187	0.00044	0.00484	0.00833	0.01280	0.22228
2066	0.00218	0.00091	0.00692	0.01235	0.01889	0.25805	2066	0.00183	0.00044	0.00481	0.00828	0.01272	0.22100
2067	0.00215	0.00091	0.00687	0.01227	0.01876	0.25661	2067	0.00180	0.00043	0.00478	0.00823	0.01264	0.21972
2068	0.00211	0.00090	0.00681	0.01218	0.01864	0.25519	2068	0.00177	0.00043	0.00475	0.00817	0.01256	0.21846
2069	0.00208	0.00089	0.00676	0.01210	0.01852	0.25377	2069	0.00174	0.00043	0.00471	0.00812	0.01248	0.21721
2070	0.00204	0.00089	0.00671	0.01202	0.01839	0.25237	2070	0.00171	0.00042	0.00468	0.00807	0.01241	0.21597
2071	0.00201	0.00088	0.00666	0.01193	0.01827	0.25099	2071	0.00168	0.00042	0.00465	0.00802	0.01233	0.21475
2072	0.00197	0.00087	0.00661	0.01185	0.01816	0.24962	2072	0.00166	0.00042	0.00462	0.00797	0.01226	0.21353
2073	0.00194	0.00086	0.00656	0.01177	0.01804	0.24825	2073	0.00163	0.00042	0.00459	0.00792	0.01218	0.21233
2074	0.00191	0.00086	0.00651	0.01169	0.01792	0.24691	2074	0.00160	0.00041	0.00456	0.00787	0.01211	0.21115
2075	0.00188	0.00085	0.00646	0.01161	0.01781	0.24557	2075	0.00157	0.00041	0.00453	0.00782	0.01204	0.20997
2076	0.00184	0.00084	0.00641	0.01154	0.01769	0.24425	2076	0.00155	0.00041	0.00450	0.00778	0.01196	0.20880
2077	0.00181	0.00084	0.00636	0.01146	0.01758	0.24294	2077	0.00152	0.00040	0.00448	0.00773	0.01189	0.20765
2078	0.00178	0.00083	0.00631	0.01138	0.01747	0.24164	2078	0.00150	0.00040	0.00445	0.00768	0.01182	0.20651
2079	0.00175	0.00082	0.00627	0.01131	0.01736	0.24036	2079	0.00147	0.00040	0.00442	0.00764	0.01175	0.20538

**Table 8 – Period Probabilities of Death Within One Year ( $q_x$ )  
at Selected Exact Ages, by Sex and Calendar Year**

Sex and Exact Age													
Calendar Year	Male						Calendar Year	Female					
	0	30	60	65	70	100		0	30	60	65	70	100
2080	0.00172	0.00082	0.00622	0.01123	0.01725	0.23909	2080	0.00145	0.00040	0.00439	0.00759	0.01168	0.20425
2081	0.00170	0.00081	0.00617	0.01116	0.01714	0.23783	2081	0.00142	0.00039	0.00436	0.00754	0.01161	0.20314
2082	0.00167	0.00080	0.00613	0.01109	0.01704	0.23658	2082	0.00140	0.00039	0.00434	0.00750	0.01155	0.20204
2083	0.00164	0.00080	0.00608	0.01102	0.01693	0.23534	2083	0.00138	0.00039	0.00431	0.00746	0.01148	0.20096
2084	0.00161	0.00079	0.00604	0.01094	0.01683	0.23411	2084	0.00135	0.00038	0.00428	0.00741	0.01141	0.19988
2085	0.00159	0.00079	0.00599	0.01087	0.01673	0.23289	2085	0.00133	0.00038	0.00425	0.00737	0.01135	0.19881
2086	0.00156	0.00078	0.00595	0.01080	0.01662	0.23169	2086	0.00131	0.00038	0.00423	0.00732	0.01128	0.19776
2087	0.00153	0.00077	0.00591	0.01074	0.01652	0.23050	2087	0.00129	0.00038	0.00420	0.00728	0.01122	0.19671
2088	0.00151	0.00077	0.00587	0.01067	0.01642	0.22931	2088	0.00127	0.00037	0.00418	0.00724	0.01115	0.19568
2089	0.00148	0.00076	0.00582	0.01060	0.01632	0.22814	2089	0.00125	0.00037	0.00415	0.00720	0.01109	0.19465
2090	0.00146	0.00075	0.00578	0.01053	0.01623	0.22698	2090	0.00123	0.00037	0.00413	0.00716	0.01103	0.19363
2091	0.00144	0.00075	0.00574	0.01047	0.01613	0.22583	2091	0.00120	0.00037	0.00410	0.00712	0.01097	0.19263
2092	0.00141	0.00074	0.00570	0.01040	0.01603	0.22469	2092	0.00118	0.00036	0.00407	0.00707	0.01091	0.19163
2093	0.00139	0.00074	0.00566	0.01034	0.01594	0.22356	2093	0.00117	0.00036	0.00405	0.00703	0.01084	0.19064
2094	0.00137	0.00073	0.00562	0.01027	0.01584	0.22244	2094	0.00115	0.00036	0.00403	0.00699	0.01078	0.18966
2095	0.00134	0.00072	0.00558	0.01021	0.01575	0.22133	2095	0.00113	0.00036	0.00400	0.00695	0.01073	0.18870
2096	0.00132	0.00072	0.00554	0.01015	0.01566	0.22023	2096	0.00111	0.00035	0.00398	0.00692	0.01067	0.18773
2097	0.00130	0.00071	0.00550	0.01008	0.01557	0.21914	2097	0.00109	0.00035	0.00395	0.00688	0.01061	0.18678
2098	0.00128	0.00071	0.00546	0.01002	0.01548	0.21806	2098	0.00107	0.00035	0.00393	0.00684	0.01055	0.18584
2099	0.00126	0.00070	0.00543	0.00996	0.01539	0.21699	2099	0.00105	0.00035	0.00391	0.00680	0.01049	0.18491
2100	0.00124	0.00070	0.00539	0.00990	0.01530	0.21592	2100	0.00104	0.00034	0.00388	0.00676	0.01044	0.18399



**Table 9 – Cohort Probabilities of Death Within One Year ( $q_x$ )  
at Selected Exact Ages, by Sex and Year of Birth**

Sex and Exact Age													
Year of Birth	Male						Year of Birth	Female					
	0	30	60	65	70	100		0	30	60	65	70	100
1900	0.14596	0.00491	0.02392	0.03554	0.04887	0.36281	1900	0.11969	0.00445	0.01237	0.01794	0.02513	0.31677
1901	0.12802	0.00475	0.02339	0.03566	0.04890	0.36492	1901	0.10426	0.00433	0.01197	0.01780	0.02477	0.31829
1902	0.12557	0.00434	0.02362	0.03466	0.04923	0.36706	1902	0.10262	0.00406	0.01212	0.01737	0.02485	0.31991
1903	0.12031	0.00428	0.02422	0.03543	0.04839	0.36831	1903	0.09804	0.00389	0.01230	0.01686	0.02395	0.32081
1904	0.12599	0.00435	0.02417	0.03429	0.04671	0.36882	1904	0.10272	0.00383	0.01197	0.01613	0.02312	0.32110
1905	0.12792	0.00427	0.02421	0.03416	0.04556	0.36873	1905	0.10358	0.00375	0.01173	0.01599	0.02237	0.32090
1906	0.13091	0.00437	0.02430	0.03372	0.04489	0.36816	1906	0.10658	0.00377	0.01146	0.01592	0.02210	0.32030
1907	0.12497	0.00422	0.02385	0.03373	0.04416	0.36722	1907	0.10230	0.00353	0.01121	0.01589	0.02170	0.31937
1908	0.12021	0.00363	0.02446	0.03321	0.04395	0.36597	1908	0.09842	0.00308	0.01167	0.01551	0.02172	0.31818
1909	0.11457	0.00346	0.02376	0.03215	0.04281	0.36448	1909	0.09367	0.00293	0.01127	0.01514	0.02128	0.31680
1910	0.12006	0.00340	0.02348	0.03122	0.04312	0.36280	1910	0.09826	0.00277	0.01123	0.01465	0.02194	0.31525
1911	0.10456	0.00330	0.02283	0.03089	0.04208	0.36098	1911	0.08551	0.00260	0.01105	0.01462	0.02150	0.31357
1912	0.10242	0.00321	0.02301	0.03003	0.04097	0.35905	1912	0.08286	0.00240	0.01093	0.01451	0.02127	0.31180
1913	0.10576	0.00312	0.02251	0.02983	0.04139	0.35702	1913	0.08548	0.00238	0.01090	0.01446	0.02164	0.30995
1914	0.09930	0.00313	0.02149	0.02882	0.04068	0.35494	1914	0.08034	0.00225	0.01059	0.01411	0.02158	0.30805
1915	0.09565	0.00338	0.02080	0.02881	0.04052	0.35281	1915	0.07604	0.00212	0.01023	0.01451	0.02162	0.30611
1916	0.09748	0.00259	0.02045	0.02792	0.03975	0.35065	1916	0.07743	0.00193	0.01017	0.01429	0.02168	0.30414
1917	0.09689	0.00240	0.01979	0.02730	0.03889	0.34847	1917	0.07638	0.00180	0.00992	0.01415	0.02138	0.30216
1918	0.10263	0.00229	0.01950	0.02713	0.03880	0.34627	1918	0.08206	0.00160	0.00982	0.01425	0.02135	0.30017
1919	0.08467	0.00214	0.01868	0.02677	0.03747	0.34407	1919	0.06703	0.00151	0.00946	0.01430	0.02092	0.29817
1920	0.08594	0.00213	0.01844	0.02656	0.03660	0.34187	1920	0.06773	0.00143	0.00954	0.01423	0.02054	0.29618
1921	0.07529	0.00214	0.01803	0.02608	0.03592	0.33968	1921	0.05984	0.00137	0.00947	0.01427	0.02037	0.29419
1922	0.07283	0.00210	0.01768	0.02563	0.03582	0.33750	1922	0.05750	0.00131	0.00940	0.01410	0.02039	0.29221
1923	0.07539	0.00202	0.01765	0.02614	0.03603	0.33531	1923	0.06051	0.00121	0.00948	0.01421	0.02061	0.29024
1924	0.07223	0.00191	0.01748	0.02526	0.03478	0.33315	1924	0.05678	0.00112	0.00938	0.01392	0.02035	0.28829
1925	0.07093	0.00185	0.01733	0.02481	0.03440	0.33101	1925	0.05597	0.00108	0.00939	0.01381	0.02040	0.28634
1926	0.07290	0.00187	0.01693	0.02431	0.03385	0.32884	1926	0.05789	0.00108	0.00927	0.01362	0.02027	0.28439
1927	0.06533	0.00189	0.01675	0.02388	0.03338	0.32672	1927	0.05119	0.00114	0.00920	0.01352	0.02013	0.28246
1928	0.06918	0.00183	0.01640	0.02407	0.03294	0.32460	1928	0.05406	0.00108	0.00920	0.01378	0.02023	0.28056
1929	0.06736	0.00185	0.01599	0.02366	0.03252	0.32251	1929	0.05349	0.00108	0.00895	0.01366	0.02023	0.27867
1930	0.06495	0.00183	0.01561	0.02328	0.03229	0.32044	1930	0.05179	0.00106	0.00883	0.01360	0.02004	0.27680
1931	0.06113	0.00178	0.01530	0.02295	0.03191	0.31838	1931	0.04836	0.00104	0.00875	0.01357	0.01999	0.27495
1932	0.05826	0.00179	0.01482	0.02249	0.03153	0.31636	1932	0.04628	0.00105	0.00855	0.01338	0.01996	0.27313
1933	0.05806	0.00185	0.01487	0.02184	0.03119	0.31435	1933	0.04642	0.00105	0.00867	0.01328	0.01990	0.27131
1934	0.06319	0.00194	0.01462	0.02124	0.03086	0.31235	1934	0.05002	0.00108	0.00851	0.01324	0.01982	0.26952
1935	0.05848	0.00192	0.01438	0.02147	0.03054	0.31039	1935	0.04542	0.00107	0.00854	0.01313	0.01972	0.26775
1936	0.05991	0.00197	0.01424	0.02122	0.03024	0.30843	1936	0.04709	0.00108	0.00847	0.01310	0.01961	0.26599
1937	0.05839	0.00199	0.01366	0.02098	0.02995	0.30650	1937	0.04605	0.00102	0.00837	0.01306	0.01949	0.26426
1938	0.05562	0.00209	0.01334	0.02075	0.02967	0.30459	1938	0.04369	0.00104	0.00812	0.01301	0.01936	0.26254
1939	0.05174	0.00211	0.01312	0.02053	0.02939	0.30270	1939	0.04064	0.00104	0.00808	0.01295	0.01923	0.26084
1940	0.05286	0.00209	0.01300	0.02032	0.02912	0.30082	1940	0.04163	0.00101	0.00799	0.01289	0.01909	0.25916
1941	0.05097	0.00207	0.01280	0.02012	0.02886	0.29897	1941	0.04051	0.00101	0.00793	0.01281	0.01895	0.25750
1942	0.04601	0.00206	0.01260	0.01992	0.02860	0.29713	1942	0.03661	0.00099	0.00787	0.01273	0.01881	0.25585
1943	0.04490	0.00206	0.01242	0.01973	0.02834	0.29531	1943	0.03526	0.00094	0.00781	0.01264	0.01866	0.25422
1944	0.04396	0.00198	0.01225	0.01954	0.02810	0.29351	1944	0.03509	0.00090	0.00775	0.01255	0.01851	0.25260

**Table 9 – Cohort Probabilities of Death Within One Year ( $q_x$ )  
at Selected Exact Ages, by Sex and Year of Birth**

Sex and Exact Age													
Year of Birth	Male						Year of Birth	Female					
	0	30	60	65	70	100		0	30	60	65	70	100
1945	0.04250	0.00193	0.01209	0.01936	0.02785	0.29173	1945	0.03340	0.00084	0.00769	0.01246	0.01837	0.25101
1946	0.03941	0.00182	0.01194	0.01918	0.02761	0.28996	1946	0.03084	0.00081	0.00763	0.01236	0.01822	0.24942
1947	0.03594	0.00181	0.01180	0.01900	0.02737	0.28821	1947	0.02796	0.00078	0.00757	0.01227	0.01808	0.24786
1948	0.03588	0.00180	0.01167	0.01883	0.02714	0.28648	1948	0.02787	0.00077	0.00750	0.01217	0.01793	0.24631
1949	0.03516	0.00186	0.01154	0.01866	0.02691	0.28479	1949	0.02736	0.00074	0.00744	0.01208	0.01779	0.24478
1950	0.03279	0.00189	0.01142	0.01849	0.02668	0.28309	1950	0.02551	0.00075	0.00738	0.01198	0.01765	0.24326
1951	0.03214	0.00185	0.01130	0.01833	0.02645	0.28141	1951	0.02490	0.00073	0.00731	0.01189	0.01751	0.24176
1952	0.03196	0.00179	0.01118	0.01817	0.02623	0.27974	1952	0.02498	0.00070	0.00725	0.01179	0.01737	0.24028
1953	0.03125	0.00174	0.01106	0.01801	0.02602	0.27810	1953	0.02429	0.00069	0.00719	0.01170	0.01723	0.23881
1954	0.02990	0.00176	0.01095	0.01785	0.02580	0.27646	1954	0.02328	0.00069	0.00713	0.01160	0.01710	0.23735
1955	0.02963	0.00180	0.01084	0.01769	0.02559	0.27484	1955	0.02308	0.00070	0.00707	0.01151	0.01697	0.23591
1956	0.02934	0.00198	0.01073	0.01754	0.02538	0.27324	1956	0.02264	0.00073	0.00701	0.01142	0.01683	0.23449
1957	0.02957	0.00197	0.01063	0.01739	0.02517	0.27166	1957	0.02304	0.00075	0.00695	0.01133	0.01670	0.23308
1958	0.03020	0.00201	0.01052	0.01724	0.02497	0.27009	1958	0.02372	0.00075	0.00689	0.01124	0.01657	0.23167
1959	0.02959	0.00206	0.01042	0.01709	0.02477	0.26853	1959	0.02305	0.00077	0.00684	0.01115	0.01645	0.23029
1960	0.02937	0.00204	0.01032	0.01695	0.02457	0.26699	1960	0.02262	0.00075	0.00678	0.01107	0.01632	0.22893
1961	0.02838	0.00204	0.01022	0.01680	0.02438	0.26546	1961	0.02199	0.00074	0.00672	0.01098	0.01620	0.22757
1962	0.02851	0.00203	0.01012	0.01666	0.02418	0.26395	1962	0.02184	0.00073	0.00667	0.01089	0.01607	0.22623
1963	0.02837	0.00210	0.01003	0.01652	0.02399	0.26246	1963	0.02181	0.00076	0.00661	0.01081	0.01595	0.22490
1964	0.02776	0.00211	0.00993	0.01638	0.02381	0.26097	1964	0.02153	0.00077	0.00656	0.01073	0.01584	0.22359
1965	0.02753	0.00207	0.00984	0.01625	0.02362	0.25951	1965	0.02134	0.00077	0.00651	0.01064	0.01572	0.22228
1966	0.02655	0.00179	0.00975	0.01611	0.02344	0.25805	1966	0.02058	0.00074	0.00645	0.01056	0.01560	0.22100
1967	0.02513	0.00159	0.00966	0.01598	0.02326	0.25661	1967	0.01949	0.00069	0.00640	0.01048	0.01549	0.21972
1968	0.02455	0.00149	0.00957	0.01585	0.02308	0.25519	1968	0.01893	0.00067	0.00635	0.01040	0.01537	0.21846
1969	0.02350	0.00148	0.00948	0.01572	0.02290	0.25377	1969	0.01818	0.00066	0.00630	0.01033	0.01526	0.21721
1970	0.02246	0.00155	0.00940	0.01560	0.02273	0.25237	1970	0.01759	0.00069	0.00625	0.01025	0.01515	0.21597
1971	0.02127	0.00154	0.00931	0.01547	0.02256	0.25099	1971	0.01652	0.00069	0.00620	0.01017	0.01504	0.21475
1972	0.02065	0.00153	0.00923	0.01535	0.02239	0.24962	1972	0.01592	0.00069	0.00615	0.01010	0.01494	0.21353
1973	0.01981	0.00153	0.00914	0.01523	0.02222	0.24825	1973	0.01537	0.00069	0.00610	0.01002	0.01483	0.21233
1974	0.01873	0.00152	0.00906	0.01510	0.02206	0.24691	1974	0.01465	0.00068	0.00606	0.00995	0.01473	0.21115
1975	0.01783	0.00151	0.00898	0.01499	0.02189	0.24557	1975	0.01416	0.00068	0.00601	0.00988	0.01462	0.20997
1976	0.01687	0.00150	0.00890	0.01487	0.02173	0.24425	1976	0.01361	0.00068	0.00596	0.00981	0.01452	0.20880
1977	0.01580	0.00149	0.00882	0.01475	0.02157	0.24294	1977	0.01244	0.00067	0.00592	0.00974	0.01442	0.20765
1978	0.01529	0.00148	0.00874	0.01464	0.02142	0.24164	1978	0.01226	0.00067	0.00587	0.00967	0.01432	0.20651
1979	0.01457	0.00147	0.00866	0.01452	0.02126	0.24036	1979	0.01162	0.00067	0.00583	0.00960	0.01422	0.20538
1980	0.01398	0.00146	0.00859	0.01441	0.02111	0.23909	1980	0.01125	0.00066	0.00578	0.00953	0.01413	0.20425
1981	0.01315	0.00145	0.00851	0.01430	0.02096	0.23783	1981	0.01066	0.00066	0.00574	0.00947	0.01403	0.20314
1982	0.01278	0.00144	0.00844	0.01419	0.02081	0.23658	1982	0.01022	0.00065	0.00570	0.00940	0.01394	0.20204
1983	0.01229	0.00143	0.00837	0.01408	0.02066	0.23534	1983	0.00994	0.00065	0.00566	0.00933	0.01384	0.20096
1984	0.01193	0.00141	0.00830	0.01398	0.02051	0.23411	1984	0.00965	0.00064	0.00561	0.00927	0.01375	0.19988
1985	0.01194	0.00140	0.00822	0.01387	0.02037	0.23289	1985	0.00934	0.00064	0.00557	0.00920	0.01366	0.19881
1986	0.01154	0.00139	0.00815	0.01377	0.02022	0.23169	1986	0.00910	0.00063	0.00553	0.00914	0.01357	0.19776
1987	0.01120	0.00138	0.00808	0.01367	0.02008	0.23050	1987	0.00896	0.00063	0.00549	0.00908	0.01348	0.19671
1988	0.01102	0.00137	0.00802	0.01357	0.01994	0.22931	1988	0.00890	0.00062	0.00545	0.00902	0.01339	0.19568
1989	0.01085	0.00136	0.00795	0.01347	0.01981	0.22814	1989	0.00881	0.00062	0.00541	0.00896	0.01330	0.19465

**Table 9 – Cohort Probabilities of Death Within One Year ( $q_x$ )  
at Selected Exact Ages, by Sex and Year of Birth**

Sex and Exact Age													
Year of Birth	Male						Year of Birth	Female					
	0	30	60	65	70	100		0	30	60	65	70	100
1990	0.01028	0.00134	0.00788	0.01337	0.01967	0.22698	1990	0.00815	0.00061	0.00537	0.00890	0.01322	0.19363
1991	0.00998	0.00133	0.00782	0.01327	0.01954	0.22583	1991	0.00784	0.00061	0.00534	0.00884	0.01313	0.19263
1992	0.00937	0.00132	0.00775	0.01317	0.01940	0.22469	1992	0.00759	0.00060	0.00530	0.00878	0.01305	0.19163
1993	0.00923	0.00131	0.00769	0.01308	0.01927	0.22356	1993	0.00742	0.00060	0.00526	0.00872	0.01297	0.19064
1994	0.00880	0.00130	0.00762	0.01298	0.01914	0.22244	1994	0.00719	0.00060	0.00522	0.00866	0.01288	0.18966
1995	0.00831	0.00129	0.00756	0.01289	0.01901	0.22133	1995	0.00679	0.00059	0.00519	0.00861	0.01280	0.18870
1996	0.00803	0.00128	0.00750	0.01280	0.01889	0.22023	1996	0.00659	0.00059	0.00515	0.00855	0.01272	0.18773
1997	0.00795	0.00127	0.00744	0.01271	0.01876	0.21914	1997	0.00647	0.00058	0.00511	0.00849	0.01264	0.18678
1998	0.00785	0.00125	0.00738	0.01262	0.01864	0.21806	1998	0.00655	0.00058	0.00508	0.00844	0.01256	0.18584
1999	0.00773	0.00124	0.00732	0.01253	0.01852	0.21699	1999	0.00636	0.00057	0.00504	0.00839	0.01248	0.18491
2000	0.00737	0.00123	0.00726	0.01244	0.01839	0.21592	2000	0.00614	0.00057	0.00501	0.00833	0.01241	0.18399
2001	0.00715	0.00122	0.00720	0.01235	0.01827	0.21487	2001	0.00596	0.00056	0.00497	0.00828	0.01233	0.18307
2002	0.00694	0.00121	0.00714	0.01227	0.01816	0.21383	2002	0.00579	0.00056	0.00494	0.00823	0.01226	0.18216
2003	0.00675	0.00120	0.00709	0.01218	0.01804	0.21280	2003	0.00564	0.00056	0.00491	0.00817	0.01218	0.18127
2004	0.00658	0.00119	0.00703	0.01210	0.01792	0.21178	2004	0.00551	0.00055	0.00487	0.00812	0.01211	0.18038
2005	0.00642	0.00118	0.00698	0.01202	0.01781	0.21076	2005	0.00538	0.00055	0.00484	0.00807	0.01204	0.17949
2006	0.00628	0.00117	0.00692	0.01193	0.01769	0.20976	2006	0.00526	0.00054	0.00481	0.00802	0.01196	0.17862
2007	0.00614	0.00116	0.00687	0.01185	0.01758	0.20876	2007	0.00515	0.00054	0.00478	0.00797	0.01189	0.17775
2008	0.00602	0.00115	0.00681	0.01177	0.01747	0.20777	2008	0.00505	0.00054	0.00475	0.00792	0.01182	0.17689
2009	0.00589	0.00114	0.00676	0.01169	0.01736	0.20679	2009	0.00495	0.00053	0.00471	0.00787	0.01175	0.17604
2010	0.00578	0.00113	0.00671	0.01161	0.01725	0.20581	2010	0.00485	0.00053	0.00468	0.00782	0.01168	0.17520
2011	0.00567	0.00112	0.00666	0.01154	0.01714	0.20485	2011	0.00476	0.00052	0.00465	0.00778	0.01161	0.17437
2012	0.00556	0.00112	0.00661	0.01146	0.01704	0.20390	2012	0.00467	0.00052	0.00462	0.00773	0.01155	0.17354
2013	0.00546	0.00111	0.00656	0.01138	0.01693	0.20295	2013	0.00459	0.00051	0.00459	0.00768	0.01148	0.17272
2014	0.00536	0.00110	0.00651	0.01131	0.01683	0.20201	2014	0.00450	0.00051	0.00456	0.00764	0.01141	0.17191
2015	0.00527	0.00109	0.00646	0.01123	0.01673	0.20108	2015	0.00442	0.00051	0.00453	0.00759	0.01135	0.17111
2016	0.00517	0.00108	0.00641	0.01116	0.01662	0.20016	2016	0.00435	0.00050	0.00450	0.00754	0.01128	0.17031
2017	0.00508	0.00107	0.00636	0.01109	0.01652	0.19924	2017	0.00427	0.00050	0.00448	0.00750	0.01122	0.16952
2018	0.00499	0.00106	0.00631	0.01102	0.01642	0.19833	2018	0.00419	0.00050	0.00445	0.00746	0.01115	0.16873
2019	0.00490	0.00105	0.00627	0.01094	0.01632	0.19743	2019	0.00412	0.00049	0.00442	0.00741	0.01109	0.16796
2020	0.00482	0.00104	0.00622	0.01087	0.01623	0.19654	2020	0.00405	0.00049	0.00439	0.00737	0.01103	0.16719
2021	0.00473	0.00104	0.00617	0.01080	0.01613	0.19566	2021	0.00398	0.00049	0.00436	0.00732	0.01097	0.16642
2022	0.00465	0.00103	0.00613	0.01074	0.01603	0.19478	2022	0.00391	0.00048	0.00434	0.00728	0.01091	0.16567
2023	0.00457	0.00102	0.00608	0.01067	0.01594	0.19391	2023	0.00384	0.00048	0.00431	0.00724	0.01084	0.16492
2024	0.00449	0.00101	0.00604	0.01060	0.01584	0.19304	2024	0.00377	0.00048	0.00428	0.00720	0.01078	0.16418
2025	0.00441	0.00100	0.00599	0.01053	0.01575	0.19219	2025	0.00371	0.00047	0.00425	0.00716	0.01073	0.16344
2026	0.00434	0.00099	0.00595	0.01047	0.01566	0.19134	2026	0.00365	0.00047	0.00423	0.00712	0.01067	0.16272
2027	0.00426	0.00099	0.00591	0.01040	0.01557	0.19050	2027	0.00358	0.00047	0.00420	0.00707	0.01061	0.16199
2028	0.00419	0.00098	0.00587	0.01034	0.01548	0.18967	2028	0.00352	0.00046	0.00418	0.00703	0.01055	0.16127
2029	0.00412	0.00097	0.00582	0.01027	0.01539	0.18884	2029	0.00346	0.00046	0.00415	0.00699	0.01049	0.16056
2030	0.00405	0.00096	0.00578	0.01021	0.01530	0.18802	2030	0.00340	0.00045	0.00413	0.00695	0.01044	0.15986
2031	0.00398	0.00095	0.00574	0.01015	0.01521	0.18720	2031	0.00334	0.00045	0.00410	0.00692	0.01038	0.15916
2032	0.00391	0.00094	0.00570	0.01008	0.01512	0.18639	2032	0.00329	0.00045	0.00407	0.00688	0.01032	0.15847
2033	0.00384	0.00094	0.00566	0.01002	0.01504	0.18560	2033	0.00323	0.00045	0.00405	0.00684	0.01027	0.15779
2034	0.00378	0.00093	0.00562	0.00996	0.01495	0.18480	2034	0.00317	0.00044	0.00403	0.00680	0.01021	0.15711

**Table 9 – Cohort Probabilities of Death Within One Year ( $q_x$ )  
at Selected Exact Ages, by Sex and Year of Birth**

Sex and Exact Age													
Year of Birth	Male						Year of Birth	Female					
	0	30	60	65	70	100		0	30	60	65	70	100
2035	0.00371	0.00092	0.00558	0.00990	0.01487	0.18402	2035	0.00312	0.00044	0.00400	0.00676	0.01016	0.15643
2036	0.00365	0.00091	0.00554	0.00984	0.01478	0.18323	2036	0.00306	0.00044	0.00398	0.00672	0.01011	0.15576
2037	0.00359	0.00091	0.00550	0.00978	0.01470	0.18245	2037	0.00301	0.00043	0.00395	0.00669	0.01005	0.15510
2038	0.00352	0.00090	0.00546	0.00972	0.01462	0.18168	2038	0.00296	0.00043	0.00393	0.00665	0.01000	0.15444
2039	0.00346	0.00089	0.00543	0.00966	0.01454	0.18092	2039	0.00291	0.00043	0.00391	0.00661	0.00995	0.15378
2040	0.00341	0.00089	0.00539	0.00961	0.01446	0.18016	2040	0.00286	0.00042	0.00388	0.00658	0.00989	0.15314
2041	0.00335	0.00088	0.00535	0.00955	0.01438	0.17942	2041	0.00281	0.00042	0.00386	0.00654	0.00984	0.15250
2042	0.00329	0.00087	0.00532	0.00949	0.01430	0.17866	2042	0.00276	0.00042	0.00384	0.00651	0.00979	0.15186
2043	0.00323	0.00086	0.00528	0.00944	0.01422	0.17792	2043	0.00272	0.00042	0.00382	0.00647	0.00974	0.15123
2044	0.00318	0.00086	0.00524	0.00938	0.01414	0.17719	2044	0.00267	0.00041	0.00379	0.00644	0.00969	0.15060
2045	0.00312	0.00085	0.00521	0.00933	0.01407	0.17647	2045	0.00262	0.00041	0.00377	0.00640	0.00964	0.14999
2046	0.00307	0.00084	0.00517	0.00927	0.01399	0.17574	2046	0.00258	0.00041	0.00375	0.00637	0.00959	0.14937
2047	0.00302	0.00084	0.00514	0.00922	0.01391	0.17502	2047	0.00254	0.00040	0.00373	0.00633	0.00954	0.14876
2048	0.00297	0.00083	0.00510	0.00916	0.01384	0.17431	2048	0.00249	0.00040	0.00371	0.00630	0.00950	0.14815
2049	0.00292	0.00082	0.00507	0.00911	0.01376	0.17360	2049	0.00245	0.00040	0.00369	0.00626	0.00945	0.14756
2050	0.00287	0.00082	0.00504	0.00906	0.01369	0.17290	2050	0.00241	0.00040	0.00366	0.00623	0.00940	0.14696
2051	0.00282	0.00081	0.00500	0.00901	0.01362	0.17221	2051	0.00237	0.00039	0.00364	0.00620	0.00935	0.14636
2052	0.00277	0.00080	0.00497	0.00896	0.01355	0.17152	2052	0.00233	0.00039	0.00362	0.00617	0.00931	0.14578
2053	0.00272	0.00080	0.00494	0.00890	0.01347	0.17084	2053	0.00229	0.00039	0.00360	0.00613	0.00926	0.14520
2054	0.00268	0.00079	0.00490	0.00885	0.01340	0.17016	2054	0.00225	0.00038	0.00358	0.00610	0.00921	0.14462
2055	0.00263	0.00079	0.00487	0.00880	0.01333	0.16948	2055	0.00221	0.00038	0.00356	0.00607	0.00917	0.14405
2056	0.00259	0.00078	0.00484	0.00875	0.01326	0.16881	2056	0.00217	0.00038	0.00354	0.00604	0.00912	0.14348
2057	0.00254	0.00077	0.00481	0.00870	0.01319	0.16815	2057	0.00214	0.00038	0.00352	0.00601	0.00908	0.14292
2058	0.00250	0.00077	0.00478	0.00866	0.01312	0.16749	2058	0.00210	0.00037	0.00350	0.00598	0.00903	0.14236
2059	0.00246	0.00076	0.00475	0.00861	0.01306	0.16683	2059	0.00207	0.00037	0.00348	0.00594	0.00899	0.14181
2060	0.00242	0.00075	0.00472	0.00856	0.01299	0.16618	2060	0.00203	0.00037	0.00346	0.00591	0.00894	0.14126
2061	0.00238	0.00075	0.00469	0.00851	0.01292	0.16554	2061	0.00200	0.00037	0.00344	0.00588	0.00890	0.14072
2062	0.00234	0.00074	0.00466	0.00847	0.01286	0.16490	2062	0.00196	0.00036	0.00342	0.00585	0.00886	0.14017
2063	0.00230	0.00074	0.00462	0.00842	0.01279	0.16427	2063	0.00193	0.00036	0.00341	0.00582	0.00881	0.13964
2064	0.00226	0.00073	0.00460	0.00837	0.01272	0.16363	2064	0.00190	0.00036	0.00339	0.00579	0.00877	0.13910
2065	0.00222	0.00072	0.00457	0.00833	0.01266	0.16301	2065	0.00187	0.00036	0.00337	0.00576	0.00873	0.13857
2066	0.00218	0.00072	0.00454	0.00828	0.01260	0.16239	2066	0.00183	0.00035	0.00335	0.00574	0.00869	0.13805
2067	0.00215	0.00071	0.00451	0.00824	0.01253	0.16177	2067	0.00180	0.00035	0.00333	0.00571	0.00865	0.13753
2068	0.00211	0.00071	0.00448	0.00819	0.01247	0.16116	2068	0.00177	0.00035	0.00331	0.00568	0.00860	0.13702
2069	0.00208	0.00070	0.00445	0.00815	0.01241	0.16055	2069	0.00174	0.00035	0.00329	0.00565	0.00856	0.13651
2070	0.00204	0.00070	0.00442	0.00810	0.01234	0.15994	2070	0.00171	0.00034	0.00328	0.00562	0.00852	0.13599
2071	0.00201	0.00069	0.00440	0.00806	0.01228	0.15934	2071	0.00168	0.00034	0.00326	0.00559	0.00848	0.13548
2072	0.00197	0.00069	0.00437	0.00802	0.01222	0.15875	2072	0.00166	0.00034	0.00324	0.00556	0.00844	0.13498
2073	0.00194	0.00068	0.00434	0.00797	0.01216	0.15816	2073	0.00163	0.00034	0.00322	0.00554	0.00840	0.13449
2074	0.00191	0.00068	0.00431	0.00793	0.01210	0.15757	2074	0.00160	0.00033	0.00321	0.00551	0.00836	0.13400
2075	0.00188	0.00067	0.00429	0.00789	0.01204	0.15699	2075	0.00157	0.00033	0.00319	0.00548	0.00832	0.13351
2076	0.00184	0.00067	0.00426	0.00785	0.01198	0.15641	2076	0.00155	0.00033	0.00317	0.00546	0.00829	0.13302
2077	0.00181	0.00066	0.00424	0.00781	0.01192	0.15584	2077	0.00152	0.00033	0.00315	0.00543	0.00825	0.13254
2078	0.00178	0.00065	0.00421	0.00776	0.01186	0.15526	2078	0.00150	0.00033	0.00314	0.00540	0.00821	0.13205
2079	0.00175	0.00065	0.00418	0.00772	0.01181	0.15470	2079	0.00147	0.00032	0.00312	0.00537	0.00817	0.13158

**Table 9 – Cohort Probabilities of Death Within One Year ( $q_x$ )  
at Selected Exact Ages, by Sex and Year of Birth**

Sex and Exact Age													
Year of Birth	Male						Year of Birth	Female					
	0	30	60	65	70	100		0	30	60	65	70	100
2080	0.00172	0.00064	0.00416	0.00768	0.01175	0.15413	2080	0.00145	0.00032	0.00310	0.00535	0.00813	0.13111
2081	0.00170	0.00064	0.00413	0.00764	0.01169	0.15357	2081	0.00142	0.00032	0.00309	0.00532	0.00809	0.13064
2082	0.00167	0.00063	0.00411	0.00760	0.01163	0.15302	2082	0.00140	0.00032	0.00307	0.00530	0.00806	0.13017
2083	0.00164	0.00063	0.00408	0.00756	0.01158	0.15247	2083	0.00138	0.00032	0.00306	0.00527	0.00802	0.12971
2084	0.00161	0.00062	0.00406	0.00752	0.01152	0.15192	2084	0.00135	0.00031	0.00304	0.00525	0.00798	0.12925
2085	0.00159	0.00062	0.00403	0.00749	0.01147	0.15138	2085	0.00133	0.00031	0.00302	0.00522	0.00795	0.12880
2086	0.00156	0.00061	0.00401	0.00745	0.01141	0.15084	2086	0.00131	0.00031	0.00301	0.00520	0.00791	0.12834
2087	0.00153	0.00061	0.00399	0.00741	0.01136	0.15030	2087	0.00129	0.00031	0.00299	0.00517	0.00787	0.12790
2088	0.00151	0.00061	0.00396	0.00737	0.01130	0.14977	2088	0.00127	0.00031	0.00298	0.00514	0.00784	0.12745
2089	0.00148	0.00060	0.00394	0.00733	0.01125	0.14924	2089	0.00125	0.00030	0.00296	0.00512	0.00780	0.12701
2090	0.00146	0.00060	0.00392	0.00730	0.01120	0.14871	2090	0.00123	0.00030	0.00294	0.00510	0.00777	0.12657
2091	0.00144	0.00059	0.00389	0.00726	0.01114	0.14819	2091	0.00120	0.00030	0.00293	0.00507	0.00773	0.12613
2092	0.00141	0.00059	0.00387	0.00722	0.01109	0.14767	2092	0.00118	0.00030	0.00291	0.00505	0.00770	0.12570
2093	0.00139	0.00058	0.00385	0.00719	0.01104	0.14716	2093	0.00117	0.00029	0.00290	0.00502	0.00766	0.12527
2094	0.00137	0.00058	0.00382	0.00715	0.01099	0.14664	2094	0.00115	0.00029	0.00288	0.00500	0.00763	0.12484
2095	0.00134	0.00057	0.00380	0.00711	0.01094	0.14613	2095	0.00113	0.00029	0.00287	0.00498	0.00760	0.12441
2096	0.00132	0.00057	0.00378	0.00708	0.01088	0.14562	2096	0.00111	0.00029	0.00285	0.00495	0.00756	0.12399
2097	0.00130	0.00056	0.00376	0.00704	0.01083	0.14512	2097	0.00109	0.00029	0.00284	0.00493	0.00753	0.12357
2098	0.00128	0.00056	0.00374	0.00701	0.01078	0.14463	2098	0.00107	0.00029	0.00283	0.00491	0.00749	0.12316
2099	0.00126	0.00056	0.00371	0.00697	0.01073	0.14413	2099	0.00105	0.00028	0.00281	0.00488	0.00746	0.12275
2100	0.00124	0.00055	0.00369	0.00694	0.01068	0.14364	2100	0.00104	0.00028	0.00280	0.00486	0.00743	0.12234

**Table 10 – Period Life Expectancies at Selected Exact Ages, by Sex and Calendar Year**

Sex and Exact Age													
Calendar Year	Male						Calendar Year	Female					
	0	30	60	65	70	100		0	30	60	65	70	100
1900	46.41	34.57	14.18	11.35	8.85	1.61	1900	48.96	35.80	14.96	12.01	9.36	1.61
1901	47.87	34.33	14.09	11.33	8.85	1.63	1901	50.86	35.90	14.88	11.99	9.35	1.63
1902	49.02	35.10	14.53	11.71	9.17	1.76	1902	52.08	36.97	15.59	12.61	9.91	1.76
1903	49.20	34.76	14.21	11.43	8.92	1.66	1903	52.12	36.48	15.14	12.22	9.57	1.66
1904	48.08	34.00	13.74	11.09	8.61	1.53	1904	51.10	36.00	14.77	11.87	9.22	1.53
1905	48.73	34.52	14.04	11.35	8.85	1.54	1905	51.88	36.38	14.96	12.05	9.43	1.54
1906	48.27	34.49	14.18	11.44	8.94	1.55	1906	51.96	36.77	15.18	12.22	9.56	1.55
1907	48.29	33.79	13.69	11.01	8.58	1.50	1907	52.22	36.29	14.72	11.79	9.15	1.50
1908	50.22	35.26	14.41	11.61	9.03	1.61	1908	53.59	37.30	15.32	12.32	9.63	1.61
1909	51.12	35.53	14.43	11.60	9.08	1.60	1909	54.46	37.60	15.41	12.36	9.68	1.60
1910	50.08	35.02	14.18	11.38	8.87	1.60	1910	53.58	37.23	15.16	12.10	9.43	1.60
1911	51.80	35.26	14.31	11.47	8.94	1.64	1911	55.05	37.38	15.27	12.19	9.49	1.64
1912	52.34	35.35	14.34	11.49	8.98	1.67	1912	55.87	37.65	15.35	12.26	9.56	1.67
1913	51.72	35.33	14.43	11.55	9.03	1.71	1913	55.45	37.74	15.49	12.37	9.64	1.71
1914	52.87	35.63	14.49	11.59	9.06	1.76	1914	56.33	37.85	15.56	12.44	9.71	1.76
1915	53.51	35.62	14.38	11.44	8.88	1.68	1915	56.79	37.64	15.28	12.16	9.44	1.68
1916	52.42	35.13	14.17	11.26	8.77	1.64	1916	55.98	37.38	15.15	12.03	9.35	1.64
1917	52.18	34.85	14.11	11.22	8.75	1.67	1917	55.91	37.31	15.16	12.06	9.38	1.67
1918	45.34	32.05	14.49	11.63	9.19	1.83	1918	49.08	35.08	15.53	12.48	9.84	1.83
1919	54.19	36.59	15.30	12.27	9.65	1.81	1919	56.45	37.82	16.02	12.85	10.12	1.81
1920	54.51	36.75	14.87	11.81	9.18	1.66	1920	56.27	37.46	15.48	12.34	9.60	1.66
1921	57.25	38.06	15.30	12.24	9.53	1.75	1921	59.26	38.97	15.99	12.82	9.99	1.75
1922	57.02	37.24	14.72	11.76	9.11	1.68	1922	59.33	38.50	15.56	12.45	9.64	1.68
1923	56.32	36.81	14.42	11.54	8.87	1.57	1923	58.74	38.25	15.29	12.20	9.37	1.57
1924	57.15	37.11	14.65	11.75	9.10	1.67	1924	59.91	38.83	15.75	12.65	9.75	1.67
1925	57.23	36.97	14.55	11.65	9.03	1.58	1925	59.93	38.70	15.62	12.52	9.69	1.58
1926	56.57	36.53	14.28	11.37	8.81	1.49	1926	59.33	38.31	15.33	12.23	9.46	1.49
1927	57.94	37.09	14.69	11.75	9.20	1.58	1927	60.86	39.05	15.91	12.73	9.95	1.58
1928	56.78	36.35	14.27	11.33	8.83	1.43	1928	59.82	38.34	15.44	12.29	9.55	1.43
1929	56.99	36.37	14.34	11.42	8.94	1.44	1929	60.16	38.52	15.56	12.41	9.68	1.44
1930	57.96	36.91	14.69	11.83	9.29	1.62	1930	61.31	39.23	16.04	12.91	10.11	1.62
1931	58.57	37.09	14.86	11.98	9.36	1.64	1931	62.02	39.54	16.25	13.12	10.26	1.64
1932	59.44	37.39	14.79	11.92	9.23	1.60	1932	62.59	39.64	16.10	12.95	10.03	1.60
1933	59.58	37.50	14.85	12.02	9.33	1.66	1933	63.03	40.01	16.34	13.18	10.25	1.66
1934	58.85	37.20	14.70	11.88	9.22	1.65	1934	62.68	39.97	16.27	13.13	10.19	1.65
1935	59.42	37.31	14.80	11.93	9.32	1.64	1935	63.32	40.14	16.41	13.21	10.31	1.64
1936	58.75	36.68	14.40	11.56	9.00	1.52	1936	62.85	39.72	16.02	12.81	9.94	1.52
1937	59.36	37.04	14.63	11.77	9.22	1.59	1937	63.58	40.20	16.38	13.14	10.24	1.59
1938	60.81	37.99	15.05	12.11	9.52	1.67	1938	64.74	40.93	16.75	13.45	10.51	1.67
1939	61.44	38.07	14.99	12.04	9.43	1.61	1939	65.41	41.03	16.71	13.40	10.41	1.61
1940	61.43	37.99	14.84	11.92	9.32	1.64	1940	65.74	41.28	16.78	13.42	10.42	1.64
1941	61.90	38.31	15.11	12.17	9.56	1.69	1941	66.46	41.84	17.21	13.81	10.78	1.69
1942	62.58	38.54	15.33	12.39	9.78	1.75	1942	67.36	42.25	17.46	14.05	10.99	1.75
1943	62.25	38.34	15.05	12.11	9.46	1.62	1943	67.10	41.90	17.13	13.72	10.65	1.62
1944	62.68	38.79	15.41	12.46	9.78	1.72	1944	67.82	42.49	17.55	14.10	10.98	1.72

**Table 10 – Period Life Expectancies at Selected Exact Ages, by Sex and Calendar Year**

Sex and Exact Age													
Calendar Year	Male						Calendar Year	Female					
	0	30	60	65	70	100		0	30	60	65	70	100
1945	62.87	38.86	15.56	12.63	9.95	1.73	1945	68.44	42.88	17.85	14.38	11.23	1.73
1946	64.25	39.47	15.80	12.86	10.14	1.78	1946	69.21	43.34	18.08	14.59	11.38	1.78
1947	64.57	39.28	15.54	12.64	9.95	1.72	1947	69.68	43.40	18.02	14.52	11.31	1.72
1948	64.84	39.47	15.63	12.71	10.04	1.77	1948	70.16	43.79	18.24	14.72	11.48	1.77
1949	65.26	39.76	15.74	12.82	10.16	1.88	1949	70.66	44.15	18.47	14.93	11.69	1.88
1950	65.63	39.88	15.75	12.81	10.16	1.92	1950	71.13	44.41	18.60	15.06	11.79	1.92
1951	65.66	39.91	15.79	12.83	10.21	1.98	1951	71.36	44.57	18.71	15.15	11.86	1.98
1952	65.78	40.06	15.90	12.97	10.35	2.05	1952	71.62	44.84	18.90	15.31	12.01	2.05
1953	65.98	40.13	15.86	12.93	10.31	2.00	1953	71.98	45.03	18.98	15.34	12.05	2.00
1954	66.74	40.70	16.21	13.22	10.59	2.08	1954	72.75	45.64	19.42	15.75	12.41	2.08
1955	66.72	40.64	16.09	13.08	10.44	1.96	1955	72.81	45.67	19.34	15.64	12.30	1.96
1956	66.73	40.61	16.03	13.04	10.41	1.92	1956	72.94	45.74	19.39	15.68	12.34	1.92
1957	66.47	40.35	15.82	12.88	10.32	1.90	1957	72.73	45.59	19.28	15.60	12.27	1.90
1958	66.64	40.49	15.90	12.93	10.34	1.91	1958	72.92	45.79	19.39	15.69	12.32	1.91
1959	66.80	40.63	16.03	13.06	10.44	1.96	1959	73.24	46.05	19.60	15.88	12.49	1.96
1960	66.66	40.45	15.86	12.91	10.30	1.95	1960	73.24	46.02	19.57	15.89	12.48	1.97
1961	67.07	40.73	16.04	13.08	10.47	1.95	1961	73.63	46.32	19.80	16.11	12.67	1.98
1962	66.89	40.55	15.89	12.93	10.34	1.88	1962	73.50	46.20	19.72	16.02	12.59	1.91
1963	66.64	40.31	15.69	12.75	10.17	1.84	1963	73.42	46.11	19.67	15.99	12.55	1.89
1964	66.84	40.51	15.91	13.00	10.39	1.94	1964	73.74	46.41	19.98	16.29	12.84	1.98
1965	66.79	40.44	15.83	12.92	10.32	1.91	1965	73.84	46.47	20.05	16.34	12.89	1.98
1966	66.69	40.33	15.79	12.86	10.27	1.93	1966	73.90	46.50	20.07	16.32	12.88	2.00
1967	66.95	40.50	15.95	13.01	10.38	1.99	1967	74.29	46.78	20.34	16.58	13.13	2.09
1968	66.61	40.20	15.73	12.80	10.19	1.84	1968	74.21	46.68	20.34	16.60	13.09	2.05
1969	66.88	40.44	15.99	13.02	10.38	1.94	1969	74.59	47.03	20.66	16.90	13.35	2.16
1970	67.15	40.59	16.11	13.13	10.51	2.06	1970	74.86	47.24	20.87	17.11	13.58	2.27
1971	67.40	40.75	16.15	13.13	10.48	2.05	1971	75.06	47.34	20.91	17.14	13.59	2.26
1972	67.42	40.72	16.10	13.09	10.43	2.04	1972	75.22	47.44	20.96	17.18	13.65	2.26
1973	67.64	40.92	16.23	13.19	10.52	2.01	1973	75.47	47.64	21.13	17.35	13.78	2.25
1974	68.27	41.39	16.56	13.48	10.79	2.13	1974	76.02	48.09	21.45	17.66	14.08	2.36
1975	68.74	41.77	16.81	13.70	10.98	2.21	1975	76.55	48.56	21.83	18.02	14.42	2.45
1976	69.08	41.97	16.87	13.75	11.01	2.10	1976	76.77	48.70	21.89	18.08	14.48	2.38
1977	69.40	42.25	17.07	13.91	11.14	2.20	1977	77.16	49.02	22.15	18.33	14.75	2.46
1978	69.57	42.39	17.12	13.95	11.17	2.21	1978	77.25	49.08	22.15	18.33	14.74	2.34
1979	69.96	42.73	17.40	14.18	11.37	2.29	1979	77.71	49.47	22.45	18.60	15.00	2.56
1980	69.94	42.67	17.31	14.04	11.23	2.20	1980	77.52	49.24	22.20	18.35	14.78	2.42
1981	70.37	42.94	17.53	14.24	11.39	2.29	1981	77.85	49.49	22.43	18.58	15.01	2.50
1982	70.83	43.29	17.75	14.45	11.58	2.40	1982	78.20	49.78	22.64	18.80	15.22	2.68
1983	70.92	43.27	17.63	14.31	11.41	2.31	1983	78.12	49.65	22.47	18.63	15.06	2.53
1984	71.08	43.39	17.73	14.41	11.49	2.28	1984	78.20	49.70	22.50	18.66	15.09	2.54
1985	71.06	43.37	17.73	14.39	11.45	2.22	1985	78.22	49.68	22.47	18.62	15.04	2.46
1986	71.12	43.48	17.87	14.52	11.55	2.29	1986	78.30	49.76	22.51	18.66	15.10	2.48
1987	71.30	43.61	18.00	14.64	11.66	2.36	1987	78.39	49.84	22.59	18.73	15.15	2.50
1988	71.24	43.56	17.95	14.56	11.61	2.07	1988	78.33	49.78	22.53	18.66	15.09	2.39
1989	71.54	43.83	18.25	14.84	11.86	2.18	1989	78.59	50.04	22.75	18.87	15.28	2.45

**Table 10 – Period Life Expectancies at Selected Exact Ages, by Sex and Calendar Year**

Sex and Exact Age													
Calendar Year	Male						Calendar Year	Female					
	0	30	60	65	70	100		0	30	60	65	70	100
1990	71.77	44.04	18.41	14.98	11.98	2.18	1990	78.86	50.23	22.91	19.02	15.44	2.51
1991	71.94	44.19	18.57	15.12	12.11	2.25	1991	78.99	50.33	23.03	19.13	15.53	2.55
1992	72.17	44.31	18.69	15.21	12.18	2.21	1992	79.16	50.45	23.11	19.20	15.61	2.61
1993	71.98	44.14	18.57	15.08	12.05	2.15	1993	78.89	50.19	22.87	18.96	15.37	2.47
1994	72.19	44.31	18.76	15.28	12.22	2.12	1994	79.00	50.27	22.95	19.03	15.43	2.48
1995	72.35	44.40	18.83	15.33	12.25	2.09	1995	79.00	50.23	22.92	19.00	15.40	2.44
1996	72.81	44.76	18.93	15.42	12.33	2.08	1996	79.12	50.31	22.94	19.02	15.41	2.43
1997	73.27	45.14	19.07	15.52	12.40	2.05	1997	79.26	50.43	22.99	19.06	15.44	2.39
1998	73.53	45.35	19.20	15.62	12.47	2.06	1998	79.31	50.45	22.98	19.02	15.39	2.38
1999	73.63	45.41	19.27	15.66	12.46	2.01	1999	79.22	50.35	22.88	18.90	15.27	2.29
2000	73.67	45.45	19.34	15.74	12.57	2.06	2000	79.38	50.48	23.01	19.03	15.39	2.35
2001	73.80	45.55	19.42	15.80	12.62	2.05	2001	79.43	50.52	23.02	19.04	15.40	2.34
2002	73.93	45.65	19.49	15.86	12.66	2.04	2002	79.48	50.55	23.03	19.05	15.41	2.33
2003	74.05	45.75	19.57	15.92	12.71	2.03	2003	79.54	50.59	23.06	19.07	15.42	2.32
2004	74.18	45.84	19.64	15.98	12.76	2.03	2004	79.61	50.64	23.09	19.09	15.45	2.32
2005	74.30	45.94	19.71	16.04	12.82	2.03	2005	79.68	50.69	23.13	19.13	15.48	2.32
2006	74.42	46.04	19.79	16.11	12.87	2.03	2006	79.76	50.76	23.18	19.17	15.51	2.33
2007	74.53	46.14	19.86	16.17	12.92	2.04	2007	79.84	50.82	23.23	19.22	15.55	2.33
2008	74.65	46.23	19.94	16.24	12.98	2.04	2008	79.92	50.89	23.28	19.27	15.60	2.34
2009	74.77	46.33	20.01	16.30	13.03	2.05	2009	80.01	50.97	23.34	19.32	15.65	2.35
2010	74.88	46.43	20.08	16.37	13.09	2.06	2010	80.10	51.04	23.40	19.38	15.70	2.36
2011	75.00	46.53	20.16	16.43	13.15	2.07	2011	80.19	51.12	23.47	19.43	15.75	2.38
2012	75.11	46.63	20.23	16.50	13.20	2.09	2012	80.28	51.20	23.53	19.49	15.81	2.39
2013	75.22	46.72	20.30	16.56	13.26	2.10	2013	80.37	51.28	23.60	19.56	15.86	2.41
2014	75.33	46.82	20.38	16.63	13.32	2.11	2014	80.46	51.36	23.67	19.62	15.92	2.42
2015	75.45	46.92	20.45	16.69	13.37	2.13	2015	80.55	51.44	23.73	19.68	15.97	2.44
2016	75.56	47.01	20.52	16.76	13.43	2.14	2016	80.65	51.53	23.80	19.74	16.03	2.45
2017	75.67	47.11	20.59	16.82	13.49	2.16	2017	80.74	51.61	23.87	19.81	16.09	2.47
2018	75.78	47.20	20.67	16.89	13.55	2.17	2018	80.83	51.69	23.94	19.87	16.15	2.49
2019	75.89	47.30	20.74	16.95	13.60	2.19	2019	80.92	51.77	24.01	19.94	16.21	2.51
2020	76.00	47.40	20.81	17.02	13.66	2.20	2020	81.02	51.85	24.08	20.00	16.26	2.52
2021	76.10	47.49	20.88	17.08	13.72	2.22	2021	81.11	51.94	24.15	20.06	16.32	2.54
2022	76.21	47.58	20.95	17.14	13.77	2.23	2022	81.20	52.02	24.22	20.13	16.38	2.56
2023	76.32	47.68	21.02	17.21	13.83	2.25	2023	81.29	52.10	24.28	20.19	16.44	2.58
2024	76.42	47.77	21.09	17.27	13.89	2.27	2024	81.38	52.18	24.35	20.26	16.50	2.59
2025	76.53	47.86	21.16	17.33	13.94	2.28	2025	81.47	52.26	24.42	20.32	16.55	2.61
2026	76.63	47.95	21.23	17.40	14.00	2.30	2026	81.56	52.34	24.49	20.38	16.61	2.63
2027	76.74	48.05	21.30	17.46	14.05	2.31	2027	81.65	52.42	24.56	20.45	16.67	2.65
2028	76.84	48.14	21.37	17.52	14.11	2.33	2028	81.73	52.50	24.62	20.51	16.73	2.67
2029	76.95	48.23	21.44	17.59	14.16	2.35	2029	81.82	52.58	24.69	20.57	16.79	2.69
2030	77.05	48.32	21.51	17.65	14.22	2.36	2030	81.91	52.66	24.76	20.63	16.84	2.70
2031	77.15	48.41	21.58	17.71	14.27	2.38	2031	82.00	52.74	24.82	20.69	16.90	2.72
2032	77.25	48.50	21.64	17.77	14.33	2.40	2032	82.08	52.81	24.89	20.76	16.95	2.74
2033	77.35	48.58	21.71	17.83	14.38	2.41	2033	82.17	52.89	24.96	20.82	17.01	2.76
2034	77.45	48.67	21.78	17.89	14.44	2.43	2034	82.25	52.97	25.02	20.88	17.07	2.78



**Table 10 – Period Life Expectancies at Selected Exact Ages, by Sex and Calendar Year**

Sex and Exact Age													
Calendar Year	Male						Calendar Year	Female					
	0	30	60	65	70	100		0	30	60	65	70	100
2035	77.55	48.76	21.85	17.95	14.49	2.45	2035	82.33	53.04	25.09	20.94	17.12	2.80
2036	77.65	48.85	21.91	18.02	14.55	2.46	2036	82.42	53.12	25.15	21.00	17.18	2.82
2037	77.74	48.93	21.98	18.08	14.60	2.48	2037	82.50	53.20	25.22	21.06	17.23	2.83
2038	77.84	49.02	22.05	18.14	14.65	2.49	2038	82.58	53.27	25.28	21.12	17.29	2.85
2039	77.94	49.10	22.11	18.20	14.71	2.51	2039	82.67	53.34	25.34	21.18	17.34	2.87
2040	78.03	49.19	22.18	18.25	14.76	2.53	2040	82.75	53.42	25.41	21.24	17.40	2.89
2041	78.13	49.27	22.24	18.31	14.81	2.54	2041	82.83	53.49	25.47	21.30	17.45	2.91
2042	78.22	49.36	22.31	18.37	14.86	2.56	2042	82.91	53.57	25.53	21.36	17.50	2.93
2043	78.32	49.44	22.37	18.43	14.92	2.58	2043	82.99	53.64	25.59	21.41	17.56	2.95
2044	78.41	49.53	22.43	18.49	14.97	2.59	2044	83.07	53.71	25.66	21.47	17.61	2.96
2045	78.51	49.61	22.50	18.55	15.02	2.61	2045	83.15	53.78	25.72	21.53	17.66	2.98
2046	78.60	49.69	22.56	18.61	15.07	2.63	2046	83.23	53.86	25.78	21.59	17.72	3.00
2047	78.69	49.77	22.63	18.66	15.12	2.64	2047	83.30	53.93	25.84	21.64	17.77	3.02
2048	78.78	49.85	22.69	18.72	15.17	2.66	2048	83.38	54.00	25.90	21.70	17.82	3.04
2049	78.87	49.93	22.75	18.78	15.22	2.68	2049	83.46	54.07	25.96	21.76	17.87	3.06
2050	78.96	50.02	22.81	18.84	15.28	2.69	2050	83.54	54.14	26.02	21.81	17.92	3.08
2051	79.05	50.09	22.88	18.89	15.33	2.71	2051	83.61	54.21	26.08	21.87	17.98	3.09
2052	79.14	50.17	22.94	18.95	15.38	2.73	2052	83.69	54.28	26.14	21.93	18.03	3.11
2053	79.23	50.25	23.00	19.00	15.43	2.74	2053	83.76	54.35	26.20	21.98	18.08	3.13
2054	79.32	50.33	23.06	19.06	15.48	2.76	2054	83.84	54.42	26.26	22.04	18.13	3.15
2055	79.41	50.41	23.12	19.12	15.53	2.78	2055	83.91	54.48	26.32	22.09	18.18	3.17
2056	79.49	50.49	23.18	19.17	15.58	2.79	2056	83.99	54.55	26.38	22.15	18.23	3.19
2057	79.58	50.57	23.24	19.23	15.63	2.81	2057	84.06	54.62	26.43	22.20	18.28	3.21
2058	79.67	50.64	23.30	19.28	15.68	2.83	2058	84.13	54.69	26.49	22.26	18.33	3.23
2059	79.75	50.72	23.36	19.34	15.73	2.84	2059	84.21	54.75	26.55	22.31	18.38	3.24
2060	79.84	50.80	23.42	19.39	15.77	2.86	2060	84.28	54.82	26.61	22.36	18.43	3.26
2061	79.92	50.87	23.48	19.45	15.82	2.88	2061	84.35	54.89	26.66	22.42	18.48	3.28
2062	80.01	50.95	23.54	19.50	15.87	2.89	2062	84.42	54.95	26.72	22.47	18.53	3.30
2063	80.09	51.02	23.60	19.55	15.92	2.91	2063	84.49	55.02	26.78	22.52	18.58	3.32
2064	80.17	51.10	23.66	19.61	15.97	2.93	2064	84.56	55.08	26.83	22.58	18.63	3.34
2065	80.25	51.17	23.72	19.66	16.02	2.94	2065	84.63	55.15	26.89	22.63	18.67	3.36
2066	80.34	51.25	23.77	19.71	16.06	2.96	2066	84.70	55.21	26.94	22.68	18.72	3.38
2067	80.42	51.32	23.83	19.77	16.11	2.98	2067	84.77	55.28	27.00	22.73	18.77	3.39
2068	80.50	51.39	23.89	19.82	16.16	3.00	2068	84.84	55.34	27.06	22.79	18.82	3.41
2069	80.58	51.47	23.95	19.87	16.21	3.01	2069	84.91	55.41	27.11	22.84	18.87	3.43
2070	80.66	51.54	24.00	19.93	16.25	3.03	2070	84.98	55.47	27.16	22.89	18.91	3.45
2071	80.74	51.61	24.06	19.98	16.30	3.05	2071	85.05	55.53	27.22	22.94	18.96	3.47
2072	80.82	51.68	24.12	20.03	16.35	3.06	2072	85.12	55.60	27.27	22.99	19.01	3.49
2073	80.90	51.75	24.17	20.08	16.39	3.08	2073	85.18	55.66	27.33	23.04	19.06	3.51
2074	80.98	51.82	24.23	20.13	16.44	3.10	2074	85.25	55.72	27.38	23.09	19.10	3.52
2075	81.06	51.89	24.29	20.19	16.49	3.11	2075	85.32	55.78	27.43	23.14	19.15	3.54
2076	81.13	51.96	24.34	20.24	16.53	3.13	2076	85.38	55.84	27.49	23.19	19.19	3.56
2077	81.21	52.03	24.40	20.29	16.58	3.15	2077	85.45	55.90	27.54	23.24	19.24	3.58
2078	81.29	52.10	24.45	20.34	16.63	3.16	2078	85.51	55.97	27.59	23.29	19.29	3.60
2079	81.36	52.17	24.51	20.39	16.67	3.18	2079	85.58	56.03	27.65	23.34	19.33	3.62

**Table 10 – Period Life Expectancies at Selected Exact Ages, by Sex and Calendar Year**

Sex and Exact Age													
Calendar Year	Male						Calendar Year	Female					
	0	30	60	65	70	100		0	30	60	65	70	100
2080	81.44	52.24	24.56	20.44	16.72	3.20	2080	85.64	56.09	27.70	23.39	19.38	3.64
2081	81.52	52.31	24.62	20.49	16.76	3.21	2081	85.71	56.15	27.75	23.44	19.42	3.66
2082	81.59	52.38	24.67	20.54	16.81	3.23	2082	85.77	56.21	27.80	23.49	19.47	3.67
2083	81.67	52.45	24.73	20.59	16.85	3.25	2083	85.84	56.27	27.85	23.54	19.51	3.69
2084	81.74	52.51	24.78	20.64	16.90	3.27	2084	85.90	56.33	27.91	23.59	19.56	3.71
2085	81.81	52.58	24.83	20.69	16.94	3.28	2085	85.96	56.38	27.96	23.64	19.60	3.73
2086	81.89	52.65	24.89	20.74	16.99	3.30	2086	86.03	56.44	28.01	23.68	19.65	3.75
2087	81.96	52.72	24.94	20.79	17.03	3.32	2087	86.09	56.50	28.06	23.73	19.69	3.77
2088	82.03	52.78	24.99	20.84	17.08	3.33	2088	86.15	56.56	28.11	23.78	19.74	3.79
2089	82.11	52.85	25.05	20.89	17.12	3.35	2089	86.21	56.62	28.16	23.83	19.78	3.80
2090	82.18	52.91	25.10	20.93	17.16	3.37	2090	86.27	56.67	28.21	23.87	19.83	3.82
2091	82.25	52.98	25.15	20.98	17.21	3.38	2091	86.33	56.73	28.26	23.92	19.87	3.84
2092	82.32	53.04	25.20	21.03	17.25	3.40	2092	86.40	56.79	28.31	23.97	19.91	3.86
2093	82.39	53.11	25.25	21.08	17.30	3.42	2093	86.46	56.85	28.36	24.01	19.96	3.88
2094	82.46	53.17	25.31	21.13	17.34	3.43	2094	86.52	56.90	28.41	24.06	20.00	3.90
2095	82.53	53.24	25.36	21.17	17.38	3.45	2095	86.58	56.96	28.46	24.11	20.04	3.91
2096	82.60	53.30	25.41	21.22	17.43	3.47	2096	86.64	57.02	28.51	24.15	20.09	3.93
2097	82.67	53.36	25.46	21.27	17.47	3.48	2097	86.70	57.07	28.55	24.20	20.13	3.95
2098	82.74	53.43	25.51	21.32	17.51	3.50	2098	86.76	57.13	28.60	24.25	20.17	3.97
2099	82.81	53.49	25.56	21.36	17.55	3.52	2099	86.81	57.18	28.65	24.29	20.21	3.99
2100	82.88	53.55	25.61	21.41	17.60	3.53	2100	86.87	57.24	28.70	24.34	20.26	4.01

**Table 11 – Cohort Life Expectancies at Selected Exact Ages, by Sex and Year of Birth**

Sex and Exact Age													
Year of Birth	Male						Year of Birth	Female					
	0	30	60	65	70	100		0	30	60	65	70	100
1900	51.52	39.32	16.34	13.46	10.98	2.05	1900	58.29	45.75	21.58	18.03	14.72	2.34
1901	52.89	39.49	16.39	13.53	11.04	2.04	1901	59.71	46.03	21.71	18.16	14.82	2.33
1902	53.34	39.65	16.43	13.60	11.10	2.03	1902	60.28	46.32	21.83	18.28	14.91	2.33
1903	53.86	39.80	16.49	13.66	11.17	2.03	1903	60.95	46.60	21.95	18.38	14.99	2.32
1904	53.84	39.95	16.56	13.74	11.24	2.03	1904	61.08	46.86	22.07	18.47	15.05	2.33
1905	53.96	40.11	16.64	13.81	11.29	2.03	1905	61.30	47.10	22.16	18.53	15.10	2.33
1906	54.16	40.27	16.72	13.89	11.34	2.04	1906	61.58	47.31	22.23	18.59	15.13	2.34
1907	54.87	40.44	16.81	13.97	11.39	2.05	1907	62.28	47.50	22.29	18.64	15.15	2.35
1908	55.46	40.61	16.91	14.06	11.44	2.06	1908	62.91	47.66	22.33	18.68	15.16	2.36
1909	56.07	40.76	17.02	14.15	11.50	2.07	1909	63.53	47.79	22.38	18.71	15.17	2.37
1910	56.20	40.92	17.13	14.24	11.55	2.08	1910	63.74	47.91	22.42	18.73	15.18	2.39
1911	57.45	41.08	17.25	14.32	11.62	2.09	1911	64.96	48.03	22.46	18.75	15.20	2.40
1912	57.76	41.25	17.36	14.41	11.69	2.11	1912	65.32	48.14	22.49	18.76	15.21	2.42
1913	57.95	41.43	17.50	14.51	11.75	2.12	1913	65.56	48.25	22.53	18.78	15.22	2.43
1914	58.66	41.62	17.63	14.61	11.84	2.14	1914	66.20	48.37	22.57	18.80	15.24	2.45
1915	59.00	41.83	17.77	14.71	11.92	2.15	1915	66.59	48.50	22.60	18.82	15.27	2.47
1916	59.19	42.06	17.91	14.82	12.01	2.17	1916	66.77	48.62	22.64	18.85	15.29	2.48
1917	59.33	42.27	18.05	14.92	12.09	2.18	1917	66.84	48.73	22.68	18.88	15.32	2.50
1918	59.93	42.47	18.18	15.01	12.17	2.20	1918	67.54	48.85	22.72	18.90	15.35	2.52
1919	61.40	42.65	18.30	15.10	12.25	2.21	1919	68.90	48.95	22.76	18.93	15.38	2.54
1920	61.75	42.81	18.40	15.19	12.32	2.23	1920	69.32	49.04	22.79	18.97	15.41	2.56
1921	62.72	42.96	18.49	15.27	12.39	2.24	1921	70.17	49.13	22.83	19.00	15.44	2.57
1922	63.08	43.09	18.58	15.35	12.45	2.26	1922	70.50	49.21	22.86	19.04	15.47	2.59
1923	63.27	43.22	18.68	15.44	12.53	2.28	1923	70.63	49.28	22.90	19.08	15.50	2.61
1924	63.75	43.34	18.78	15.54	12.61	2.29	1924	71.12	49.35	22.95	19.12	15.54	2.63
1925	64.04	43.47	18.89	15.63	12.67	2.31	1925	71.33	49.42	22.99	19.16	15.57	2.65
1926	64.30	43.61	19.00	15.71	12.74	2.33	1926	71.54	49.50	23.04	19.20	15.61	2.67
1927	65.04	43.76	19.10	15.79	12.81	2.34	1927	72.21	49.59	23.10	19.23	15.65	2.68
1928	65.10	43.93	19.21	15.87	12.88	2.36	1928	72.28	49.69	23.15	19.28	15.70	2.70
1929	65.56	44.11	19.32	15.96	12.94	2.37	1929	72.63	49.79	23.21	19.33	15.74	2.72
1930	66.03	44.29	19.43	16.04	13.01	2.39	1930	73.01	49.89	23.26	19.38	15.79	2.74
1931	66.60	44.46	19.53	16.13	13.07	2.41	1931	73.52	49.99	23.32	19.43	15.84	2.76
1932	66.99	44.62	19.63	16.22	13.13	2.42	1932	73.83	50.08	23.37	19.48	15.89	2.78
1933	67.20	44.78	19.72	16.30	13.20	2.44	1933	73.98	50.18	23.43	19.54	15.95	2.80
1934	67.13	44.94	19.82	16.37	13.26	2.46	1934	73.97	50.29	23.49	19.59	16.00	2.82
1935	67.70	45.10	19.92	16.44	13.32	2.47	1935	74.53	50.41	23.56	19.65	16.06	2.83
1936	67.88	45.26	20.01	16.51	13.38	2.49	1936	74.65	50.53	23.63	19.71	16.12	2.85
1937	68.28	45.43	20.11	16.58	13.45	2.51	1937	74.99	50.66	23.70	19.77	16.18	2.87
1938	68.76	45.59	20.19	16.65	13.51	2.52	1938	75.44	50.79	23.76	19.83	16.23	2.89
1939	69.24	45.75	20.27	16.72	13.57	2.54	1939	75.88	50.91	23.83	19.89	16.29	2.91
1940	69.37	45.89	20.36	16.79	13.63	2.56	1940	75.97	51.03	23.90	19.96	16.35	2.93
1941	69.72	46.03	20.44	16.86	13.69	2.58	1941	76.27	51.14	23.97	20.02	16.41	2.95
1942	70.26	46.15	20.52	16.93	13.75	2.59	1942	76.74	51.25	24.04	20.09	16.47	2.97
1943	70.53	46.28	20.60	17.00	13.81	2.61	1943	77.03	51.36	24.11	20.15	16.53	2.99
1944	70.79	46.41	20.68	17.07	13.86	2.63	1944	77.24	51.47	24.18	20.22	16.60	3.00

**Table 11 – Cohort Life Expectancies at Selected Exact Ages, by Sex and Year of Birth**

Sex and Exact Age													
Year of Birth	Male						Year of Birth	Female					
	0	30	60	65	70	100		0	30	60	65	70	100
1945	71.02	46.52	20.76	17.14	13.92	2.64	1945	77.51	51.57	24.25	20.28	16.66	3.02
1946	71.42	46.63	20.84	17.20	13.98	2.66	1946	77.88	51.67	24.32	20.35	16.71	3.04
1947	71.74	46.72	20.91	17.27	14.04	2.68	1947	78.22	51.77	24.39	20.41	16.77	3.06
1948	71.86	46.80	20.99	17.34	14.10	2.69	1948	78.36	51.86	24.46	20.48	16.83	3.08
1949	71.97	46.87	21.06	17.40	14.16	2.71	1949	78.50	51.95	24.53	20.55	16.89	3.10
1950	72.22	46.93	21.14	17.47	14.21	2.73	1950	78.72	52.03	24.60	20.61	16.95	3.12
1951	72.35	47.00	21.21	17.54	14.27	2.74	1951	78.88	52.10	24.67	20.68	17.01	3.14
1952	72.46	47.07	21.29	17.60	14.33	2.76	1952	78.97	52.18	24.74	20.74	17.07	3.16
1953	72.62	47.15	21.36	17.67	14.38	2.78	1953	79.14	52.25	24.81	20.81	17.13	3.18
1954	72.83	47.23	21.43	17.73	14.44	2.79	1954	79.29	52.33	24.88	20.87	17.19	3.19
1955	72.96	47.32	21.51	17.80	14.50	2.81	1955	79.39	52.40	24.95	20.93	17.24	3.21
1956	73.10	47.42	21.58	17.86	14.55	2.83	1956	79.51	52.47	25.02	21.00	17.30	3.23
1957	73.21	47.52	21.65	17.92	14.61	2.85	1957	79.58	52.55	25.09	21.06	17.36	3.25
1958	73.29	47.63	21.72	17.99	14.67	2.86	1958	79.62	52.63	25.16	21.12	17.42	3.27
1959	73.46	47.73	21.79	18.05	14.72	2.88	1959	79.76	52.71	25.22	21.19	17.47	3.29
1960	73.61	47.84	21.86	18.11	14.78	2.90	1960	79.89	52.79	25.29	21.25	17.53	3.31
1961	73.81	47.95	21.93	18.18	14.83	2.91	1961	80.03	52.87	25.36	21.31	17.58	3.33
1962	73.92	48.06	22.00	18.24	14.89	2.93	1962	80.14	52.95	25.43	21.37	17.64	3.35
1963	74.08	48.17	22.07	18.30	14.94	2.95	1963	80.23	53.03	25.49	21.43	17.70	3.37
1964	74.26	48.29	22.14	18.36	14.99	2.97	1964	80.36	53.11	25.56	21.49	17.75	3.38
1965	74.41	48.41	22.21	18.42	15.05	2.98	1965	80.46	53.19	25.62	21.56	17.81	3.40
1966	74.63	48.52	22.28	18.49	15.10	3.00	1966	80.63	53.27	25.69	21.62	17.86	3.42
1967	74.87	48.62	22.35	18.55	15.16	3.02	1967	80.80	53.35	25.75	21.68	17.92	3.44
1968	75.05	48.70	22.41	18.61	15.21	3.03	1968	80.95	53.43	25.82	21.74	17.97	3.46
1969	75.25	48.79	22.48	18.67	15.26	3.05	1969	81.10	53.50	25.88	21.80	18.02	3.48
1970	75.44	48.87	22.55	18.73	15.32	3.07	1970	81.25	53.57	25.95	21.85	18.08	3.50
1971	75.63	48.96	22.61	18.79	15.37	3.08	1971	81.41	53.65	26.01	21.91	18.13	3.52
1972	75.79	49.05	22.68	18.85	15.42	3.10	1972	81.56	53.73	26.07	21.97	18.18	3.54
1973	75.96	49.14	22.75	18.91	15.47	3.12	1973	81.69	53.80	26.14	22.03	18.24	3.56
1974	76.14	49.22	22.81	18.97	15.53	3.14	1974	81.84	53.88	26.20	22.09	18.29	3.57
1975	76.32	49.31	22.88	19.03	15.58	3.15	1975	81.97	53.95	26.26	22.15	18.34	3.59
1976	76.50	49.40	22.94	19.08	15.63	3.17	1976	82.10	54.03	26.32	22.20	18.39	3.61
1977	76.71	49.49	23.01	19.14	15.68	3.19	1977	82.28	54.10	26.39	22.26	18.44	3.63
1978	76.88	49.58	23.07	19.20	15.73	3.20	1978	82.39	54.18	26.45	22.32	18.50	3.65
1979	77.04	49.66	23.14	19.26	15.78	3.22	1979	82.52	54.25	26.51	22.37	18.55	3.67
1980	77.21	49.75	23.20	19.32	15.83	3.24	1980	82.64	54.32	26.57	22.43	18.60	3.69
1981	77.39	49.84	23.26	19.37	15.88	3.26	1981	82.77	54.40	26.63	22.49	18.65	3.71
1982	77.53	49.93	23.33	19.43	15.93	3.27	1982	82.89	54.47	26.69	22.54	18.70	3.73
1983	77.67	50.01	23.39	19.49	15.99	3.29	1983	82.99	54.54	26.75	22.60	18.75	3.74
1984	77.80	50.10	23.45	19.54	16.04	3.31	1984	83.10	54.61	26.81	22.65	18.80	3.76
1985	77.90	50.18	23.52	19.60	16.09	3.32	1985	83.20	54.69	26.87	22.71	18.85	3.78
1986	78.03	50.27	23.58	19.66	16.13	3.34	1986	83.31	54.76	26.93	22.76	18.90	3.80
1987	78.15	50.35	23.64	19.71	16.18	3.36	1987	83.40	54.83	26.98	22.82	18.95	3.82
1988	78.26	50.44	23.70	19.77	16.23	3.38	1988	83.48	54.90	27.04	22.87	19.00	3.84
1989	78.38	50.52	23.76	19.82	16.28	3.39	1989	83.56	54.97	27.10	22.92	19.05	3.86

**Table 11 – Cohort Life Expectancies at Selected Exact Ages, by Sex and Year of Birth**

Sex and Exact Age													
Year of Birth	Male						Year of Birth	Female					
	0	30	60	65	70	100		0	30	60	65	70	100
1990	78.52	50.60	23.82	19.88	16.33	3.41	1990	83.69	55.04	27.16	22.98	19.10	3.88
1991	78.64	50.68	23.88	19.93	16.38	3.43	1991	83.80	55.11	27.21	23.03	19.15	3.89
1992	78.78	50.77	23.94	19.99	16.43	3.44	1992	83.89	55.18	27.27	23.08	19.20	3.91
1993	78.89	50.85	24.00	20.04	16.48	3.46	1993	83.99	55.25	27.33	23.14	19.24	3.93
1994	79.02	50.93	24.06	20.10	16.53	3.48	1994	84.09	55.31	27.39	23.19	19.29	3.95
1995	79.16	51.01	24.12	20.15	16.57	3.49	1995	84.20	55.38	27.44	23.24	19.34	3.97
1996	79.27	51.09	24.18	20.20	16.62	3.51	1996	84.29	55.45	27.50	23.29	19.39	3.99
1997	79.36	51.17	24.24	20.26	16.67	3.53	1997	84.37	55.52	27.55	23.35	19.43	4.01
1998	79.47	51.25	24.30	20.31	16.72	3.55	1998	84.44	55.58	27.61	23.40	19.48	4.03
1999	79.56	51.33	24.36	20.36	16.76	3.56	1999	84.53	55.65	27.66	23.45	19.53	4.04
2000	79.68	51.41	24.42	20.42	16.81	3.58	2000	84.62	55.72	27.72	23.50	19.58	4.06
2001	79.79	51.48	24.47	20.47	16.86	3.60	2001	84.71	55.78	27.77	23.55	19.62	4.08
2002	79.89	51.56	24.53	20.52	16.90	3.61	2002	84.79	55.85	27.83	23.60	19.67	4.10
2003	79.99	51.64	24.59	20.57	16.95	3.63	2003	84.88	55.91	27.88	23.65	19.71	4.12
2004	80.09	51.72	24.65	20.63	17.00	3.65	2004	84.96	55.98	27.93	23.70	19.76	4.14
2005	80.19	51.79	24.70	20.68	17.04	3.66	2005	85.04	56.04	27.99	23.75	19.81	4.15
2006	80.29	51.87	24.76	20.73	17.09	3.68	2006	85.12	56.11	28.04	23.80	19.85	4.17
2007	80.38	51.94	24.82	20.78	17.14	3.70	2007	85.19	56.17	28.09	23.85	19.90	4.19
2008	80.47	52.02	24.87	20.83	17.18	3.72	2008	85.27	56.23	28.15	23.90	19.94	4.21
2009	80.57	52.09	24.93	20.88	17.23	3.73	2009	85.35	56.30	28.20	23.95	19.99	4.23
2010	80.66	52.17	24.98	20.93	17.27	3.75	2010	85.42	56.36	28.25	24.00	20.03	4.25
2011	80.75	52.24	25.04	20.98	17.32	3.77	2011	85.50	56.42	28.30	24.05	20.08	4.27
2012	80.84	52.31	25.09	21.03	17.36	3.78	2012	85.57	56.48	28.36	24.10	20.12	4.28
2013	80.93	52.39	25.15	21.08	17.41	3.80	2013	85.64	56.54	28.41	24.14	20.17	4.30
2014	81.02	52.46	25.20	21.13	17.45	3.82	2014	85.72	56.61	28.46	24.19	20.21	4.32
2015	81.10	52.53	25.26	21.18	17.50	3.83	2015	85.79	56.67	28.51	24.24	20.25	4.34
2016	81.19	52.60	25.31	21.23	17.54	3.85	2016	85.86	56.73	28.56	24.29	20.30	4.36
2017	81.28	52.67	25.37	21.28	17.59	3.87	2017	85.93	56.79	28.61	24.34	20.34	4.37
2018	81.36	52.75	25.42	21.33	17.63	3.88	2018	86.00	56.85	28.66	24.38	20.39	4.39
2019	81.45	52.82	25.47	21.38	17.67	3.90	2019	86.07	56.91	28.71	24.43	20.43	4.41
2020	81.53	52.89	25.53	21.43	17.72	3.92	2020	86.14	56.97	28.76	24.48	20.47	4.43
2021	81.62	52.96	25.58	21.48	17.76	3.93	2021	86.21	57.03	28.81	24.52	20.52	4.45
2022	81.70	53.03	25.63	21.53	17.80	3.95	2022	86.28	57.09	28.86	24.57	20.56	4.46
2023	81.78	53.10	25.69	21.57	17.85	3.97	2023	86.35	57.15	28.91	24.62	20.60	4.48
2024	81.87	53.16	25.74	21.62	17.89	3.98	2024	86.42	57.20	28.96	24.66	20.64	4.50
2025	81.95	53.23	25.79	21.67	17.93	4.00	2025	86.48	57.26	29.01	24.71	20.69	4.52
2026	82.03	53.30	25.84	21.72	17.98	4.02	2026	86.55	57.32	29.06	24.75	20.73	4.54
2027	82.11	53.37	25.89	21.77	18.02	4.04	2027	86.62	57.38	29.11	24.80	20.77	4.55
2028	82.19	53.44	25.95	21.81	18.06	4.05	2028	86.68	57.44	29.16	24.85	20.81	4.57
2029	82.27	53.50	26.00	21.86	18.11	4.07	2029	86.75	57.49	29.20	24.89	20.85	4.59
2030	82.35	53.57	26.05	21.91	18.15	4.09	2030	86.82	57.55	29.25	24.94	20.89	4.61
2031	82.43	53.64	26.10	21.95	18.19	4.10	2031	86.88	57.61	29.30	24.98	20.94	4.63
2032	82.51	53.70	26.15	22.00	18.23	4.12	2032	86.95	57.66	29.35	25.03	20.98	4.64
2033	82.59	53.77	26.20	22.05	18.27	4.14	2033	87.01	57.72	29.40	25.07	21.02	4.66
2034	82.66	53.83	26.25	22.09	18.32	4.15	2034	87.07	57.77	29.44	25.11	21.06	4.68

**Table 11 – Cohort Life Expectancies at Selected Exact Ages, by Sex and Year of Birth**

Sex and Exact Age													
Year of Birth	Male						Year of Birth	Female					
	0	30	60	65	70	100		0	30	60	65	70	100
2035	82.74	53.90	26.30	22.14	18.36	4.17	2035	87.14	57.83	29.49	25.16	21.10	4.70
2036	82.82	53.97	26.35	22.19	18.40	4.18	2036	87.20	57.89	29.54	25.20	21.14	4.71
2037	82.89	54.03	26.40	22.23	18.44	4.20	2037	87.26	57.94	29.58	25.25	21.18	4.73
2038	82.97	54.09	26.45	22.28	18.48	4.22	2038	87.33	58.00	29.63	25.29	21.22	4.75
2039	83.04	54.16	26.50	22.32	18.52	4.23	2039	87.39	58.05	29.68	25.33	21.26	4.77
2040	83.12	54.22	26.55	22.37	18.57	4.25	2040	87.45	58.11	29.72	25.38	21.30	4.79
2041	83.19	54.29	26.60	22.42	18.61	4.27	2041	87.51	58.16	29.77	25.42	21.34	4.80
2042	83.27	54.35	26.65	22.46	18.65	4.28	2042	87.57	58.21	29.81	25.46	21.38	4.82
2043	83.34	54.41	26.70	22.51	18.69	4.30	2043	87.64	58.27	29.86	25.51	21.42	4.84
2044	83.41	54.47	26.75	22.55	18.73	4.32	2044	87.70	58.32	29.91	25.55	21.46	4.86
2045	83.49	54.54	26.79	22.60	18.77	4.33	2045	87.76	58.37	29.95	25.59	21.50	4.87
2046	83.56	54.60	26.84	22.64	18.81	4.35	2046	87.82	58.43	30.00	25.63	21.54	4.89
2047	83.63	54.66	26.89	22.68	18.85	4.37	2047	87.88	58.48	30.04	25.68	21.58	4.91
2048	83.70	54.72	26.94	22.73	18.89	4.38	2048	87.94	58.53	30.09	25.72	21.62	4.92
2049	83.77	54.78	26.99	22.77	18.93	4.40	2049	87.99	58.58	30.13	25.76	21.66	4.94
2050	83.84	54.84	27.03	22.82	18.97	4.42	2050	88.05	58.64	30.18	25.80	21.70	4.96
2051	83.91	54.90	27.08	22.86	19.01	4.43	2051	88.11	58.69	30.22	25.85	21.74	4.98
2052	83.98	54.96	27.13	22.90	19.05	4.45	2052	88.17	58.74	30.26	25.89	21.77	4.99
2053	84.05	55.02	27.18	22.95	19.09	4.47	2053	88.23	58.79	30.31	25.93	21.81	5.01
2054	84.12	55.08	27.22	22.99	19.13	4.48	2054	88.29	58.84	30.35	25.97	21.85	5.03
2055	84.19	55.14	27.27	23.03	19.17	4.50	2055	88.34	58.89	30.40	26.01	21.89	5.05
2056	84.26	55.20	27.32	23.08	19.21	4.51	2056	88.40	58.95	30.44	26.05	21.93	5.06
2057	84.33	55.26	27.36	23.12	19.25	4.53	2057	88.46	59.00	30.48	26.09	21.96	5.08
2058	84.40	55.32	27.41	23.16	19.29	4.55	2058	88.51	59.05	30.53	26.13	22.00	5.10
2059	84.47	55.38	27.46	23.21	19.32	4.56	2059	88.57	59.10	30.57	26.17	22.04	5.11
2060	84.53	55.44	27.50	23.25	19.36	4.58	2060	88.62	59.15	30.61	26.21	22.08	5.13
2061	84.60	55.50	27.55	23.29	19.40	4.60	2061	88.68	59.20	30.65	26.25	22.12	5.15
2062	84.67	55.55	27.59	23.33	19.44	4.61	2062	88.74	59.25	30.70	26.30	22.15	5.16
2063	84.73	55.61	27.64	23.38	19.48	4.63	2063	88.79	59.30	30.74	26.34	22.19	5.18
2064	84.80	55.67	27.68	23.42	19.52	4.64	2064	88.85	59.35	30.78	26.38	22.23	5.20
2065	84.86	55.73	27.73	23.46	19.56	4.66	2065	88.90	59.40	30.82	26.42	22.26	5.22
2066	84.93	55.78	27.77	23.50	19.59	4.68	2066	88.95	59.44	30.87	26.45	22.30	5.23
2067	84.99	55.84	27.82	23.54	19.63	4.69	2067	89.01	59.49	30.91	26.49	22.34	5.25
2068	85.06	55.90	27.86	23.59	19.67	4.71	2068	89.06	59.54	30.95	26.53	22.37	5.27
2069	85.12	55.95	27.91	23.63	19.71	4.73	2069	89.12	59.59	30.99	26.57	22.41	5.28
2070	85.18	56.01	27.95	23.67	19.75	4.74	2070	89.17	59.64	31.03	26.61	22.45	5.30
2071	85.25	56.06	28.00	23.71	19.78	4.76	2071	89.22	59.69	31.07	26.65	22.48	5.32
2072	85.31	56.12	28.04	23.75	19.82	4.77	2072	89.27	59.74	31.12	26.69	22.52	5.33
2073	85.37	56.18	28.09	23.79	19.86	4.79	2073	89.33	59.78	31.16	26.73	22.56	5.35
2074	85.44	56.23	28.13	23.83	19.90	4.81	2074	89.38	59.83	31.20	26.77	22.59	5.37
2075	85.50	56.29	28.18	23.88	19.93	4.82	2075	89.43	59.88	31.24	26.81	22.63	5.38
2076	85.56	56.34	28.22	23.92	19.97	4.84	2076	89.48	59.93	31.28	26.85	22.66	5.40
2077	85.62	56.40	28.26	23.96	20.01	4.85	2077	89.54	59.97	31.32	26.88	22.70	5.42
2078	85.68	56.45	28.31	24.00	20.05	4.87	2078	89.59	60.02	31.36	26.92	22.73	5.43
2079	85.75	56.50	28.35	24.04	20.08	4.89	2079	89.64	60.07	31.40	26.96	22.77	5.45

**Table 11 – Cohort Life Expectancies at Selected Exact Ages, by Sex and Year of Birth**

Sex and Exact Age													
Year of Birth	Male						Year of Birth	Female					
	0	30	60	65	70	100		0	30	60	65	70	100
2080	85.81	56.56	28.39	24.08	20.12	4.90	2080	89.69	60.11	31.44	27.00	22.81	5.47
2081	85.87	56.61	28.44	24.12	20.16	4.92	2081	89.74	60.16	31.48	27.04	22.84	5.48
2082	85.93	56.66	28.48	24.16	20.19	4.93	2082	89.79	60.21	31.52	27.07	22.88	5.50
2083	85.99	56.72	28.52	24.20	20.23	4.95	2083	89.84	60.25	31.56	27.11	22.91	5.51
2084	86.05	56.77	28.56	24.24	20.27	4.97	2084	89.89	60.30	31.60	27.15	22.95	5.53
2085	86.11	56.82	28.61	24.28	20.30	4.98	2085	89.94	60.34	31.64	27.19	22.98	5.55
2086	86.17	56.88	28.65	24.32	20.34	5.00	2086	89.99	60.39	31.68	27.22	23.02	5.56
2087	86.23	56.93	28.69	24.36	20.38	5.01	2087	90.04	60.43	31.72	27.26	23.05	5.58
2088	86.28	56.98	28.73	24.40	20.41	5.03	2088	90.09	60.48	31.76	27.30	23.09	5.60
2089	86.34	57.03	28.78	24.44	20.45	5.04	2089	90.14	60.52	31.80	27.34	23.12	5.61
2090	86.40	57.09	28.82	24.48	20.48	5.06	2090	90.19	60.57	31.84	27.37	23.15	5.63
2091	86.46	57.14	28.86	24.51	20.52	5.07	2091	90.23	60.61	31.87	27.41	23.19	5.64
2092	86.52	57.19	28.90	24.55	20.56	5.09	2092	90.28	60.66	31.91	27.45	23.22	5.66
2093	86.57	57.24	28.94	24.59	20.59	5.10	2093	90.33	60.70	31.95	27.48	23.26	5.67
2094	86.63	57.29	28.98	24.63	20.63	5.11	2094	90.38	60.75	31.99	27.52	23.29	5.68
2095	86.69	57.34	29.03	24.67	20.66	5.13	2095	90.43	60.79	32.03	27.55	23.32	5.69
2096	86.74	57.39	29.07	24.71	20.70	5.14	2096	90.47	60.83	32.06	27.59	23.35	5.70
2097	86.80	57.44	29.11	24.75	20.73	5.15	2097	90.52	60.88	32.10	27.62	23.39	5.71
2098	86.85	57.49	29.15	24.78	20.77	5.16	2098	90.56	60.92	32.14	27.66	23.42	5.72
2099	86.91	57.54	29.19	24.82	20.80	5.16	2099	90.61	60.96	32.17	27.69	23.45	5.73
2100	86.96	57.59	29.23	24.86	20.83	5.17	2100	90.65	61.00	32.21	27.72	23.48	5.73

**Table 12 – Ratios of Female to Male Period Values: Life Expectancies ( $e_x$ ) and Probabilities of Death Within One Year ( $q_x$ ) at Selected Exact Ages**

Exact Age													
Calendar Year	Life Expectancy						Calendar Year	Probability of Death					
	0	30	60	65	70	100		0	30	60	65	70	100
1900	1.055	1.036	1.055	1.058	1.058	1.000	1900	0.820	0.989	0.896	0.888	0.910	1.000
1901	1.062	1.046	1.056	1.058	1.056	1.000	1901	0.814	0.940	0.886	0.887	0.902	1.000
1902	1.062	1.053	1.073	1.077	1.081	1.000	1902	0.817	0.951	0.853	0.867	0.877	1.000
1903	1.059	1.049	1.065	1.069	1.073	1.000	1903	0.815	0.944	0.873	0.880	0.885	1.000
1904	1.063	1.059	1.075	1.070	1.071	1.000	1904	0.815	0.935	0.827	0.859	0.895	1.000
1905	1.065	1.054	1.066	1.062	1.066	1.000	1905	0.810	0.945	0.846	0.885	0.910	1.000
1906	1.076	1.066	1.071	1.068	1.069	1.000	1906	0.814	0.906	0.832	0.863	0.894	1.000
1907	1.081	1.074	1.075	1.071	1.066	1.000	1907	0.819	0.851	0.829	0.848	0.877	1.000
1908	1.067	1.058	1.063	1.061	1.066	1.000	1908	0.819	0.913	0.835	0.887	0.913	1.000
1909	1.065	1.058	1.068	1.066	1.066	1.000	1909	0.818	0.909	0.835	0.871	0.891	1.000
1910	1.070	1.063	1.069	1.063	1.063	1.000	1910	0.818	0.890	0.817	0.865	0.893	1.000
1911	1.063	1.060	1.067	1.063	1.062	1.000	1911	0.818	0.896	0.829	0.866	0.892	1.000
1912	1.067	1.065	1.070	1.067	1.065	1.000	1912	0.809	0.885	0.820	0.859	0.880	1.000
1913	1.072	1.068	1.073	1.071	1.068	1.000	1913	0.808	0.859	0.812	0.851	0.869	1.000
1914	1.065	1.062	1.074	1.073	1.072	1.000	1914	0.809	0.878	0.826	0.855	0.867	1.000
1915	1.061	1.057	1.063	1.063	1.063	1.000	1915	0.795	0.882	0.841	0.873	0.888	1.000
1916	1.068	1.064	1.069	1.068	1.066	1.000	1916	0.794	0.863	0.827	0.861	0.881	1.000
1917	1.071	1.071	1.074	1.075	1.072	1.000	1917	0.788	0.834	0.821	0.851	0.867	1.000
1918	1.082	1.095	1.072	1.073	1.071	1.000	1918	0.800	0.794	0.840	0.858	0.879	1.000
1919	1.042	1.034	1.047	1.047	1.049	1.000	1919	0.792	1.012	0.880	0.906	0.916	1.000
1920	1.032	1.019	1.041	1.045	1.046	1.000	1920	0.788	1.107	0.914	0.918	0.917	1.000
1921	1.035	1.024	1.045	1.047	1.048	1.000	1921	0.795	1.042	0.894	0.906	0.907	1.000
1922	1.041	1.034	1.057	1.059	1.058	1.000	1922	0.789	1.010	0.866	0.880	0.886	1.000
1923	1.043	1.039	1.060	1.057	1.056	1.000	1923	0.803	0.976	0.847	0.874	0.892	1.000
1924	1.048	1.046	1.075	1.077	1.071	1.000	1924	0.786	0.973	0.839	0.834	0.867	1.000
1925	1.047	1.047	1.074	1.075	1.073	1.000	1925	0.789	0.960	0.839	0.848	0.865	1.000
1926	1.049	1.049	1.074	1.076	1.074	1.000	1926	0.794	0.970	0.845	0.844	0.872	1.000
1927	1.050	1.053	1.083	1.083	1.082	1.000	1927	0.784	0.980	0.816	0.828	0.857	1.000
1928	1.054	1.055	1.082	1.085	1.082	1.000	1928	0.781	0.955	0.823	0.830	0.858	1.000
1929	1.056	1.059	1.085	1.087	1.083	1.000	1929	0.794	0.941	0.812	0.824	0.853	1.000
1930	1.058	1.063	1.092	1.091	1.088	1.000	1930	0.797	0.905	0.798	0.812	0.843	1.000
1931	1.059	1.066	1.094	1.095	1.096	1.000	1931	0.791	0.911	0.796	0.816	0.837	1.000
1932	1.053	1.060	1.089	1.086	1.087	1.000	1932	0.794	0.936	0.792	0.818	0.851	1.000
1933	1.058	1.067	1.100	1.097	1.099	1.000	1933	0.799	0.908	0.771	0.804	0.822	1.000
1934	1.065	1.074	1.107	1.105	1.105	1.000	1934	0.792	0.879	0.761	0.788	0.818	1.000
1935	1.066	1.076	1.109	1.107	1.106	1.000	1935	0.777	0.877	0.753	0.783	0.818	1.000
1936	1.070	1.083	1.113	1.108	1.104	1.000	1936	0.786	0.861	0.735	0.774	0.815	1.000
1937	1.071	1.085	1.120	1.116	1.111	1.000	1937	0.789	0.837	0.722	0.756	0.803	1.000
1938	1.065	1.077	1.113	1.111	1.104	1.000	1938	0.786	0.849	0.734	0.760	0.801	1.000
1939	1.065	1.078	1.115	1.113	1.104	1.000	1939	0.786	0.847	0.731	0.749	0.798	1.000
1940	1.070	1.087	1.131	1.126	1.118	1.000	1940	0.787	0.815	0.687	0.725	0.783	1.000
1941	1.074	1.092	1.139	1.135	1.128	1.000	1941	0.795	0.788	0.675	0.713	0.764	1.000
1942	1.076	1.096	1.139	1.134	1.124	1.000	1942	0.796	0.746	0.667	0.700	0.767	1.000
1943	1.078	1.093	1.138	1.133	1.126	1.000	1943	0.785	0.762	0.665	0.708	0.769	1.000
1944	1.082	1.095	1.139	1.132	1.123	1.000	1944	0.798	0.720	0.652	0.695	0.765	1.000



**Table 12 – Ratios of Female to Male Period Values: Life Expectancies ( $e_x$ ) and Probabilities of Death Within One Year ( $q_x$ ) at Selected Exact Ages**

		Exact Age											
Calendar Year	Life Expectancy						Calendar Year	Probability of Death					
	0	30	60	65	70	100		0	30	60	65	70	100
1945	1.089	1.103	1.147	1.139	1.129	1.000	1945	0.786	0.627	0.632	0.680	0.751	1.000
1946	1.077	1.098	1.144	1.135	1.122	1.000	1946	0.783	0.746	0.629	0.670	0.753	1.000
1947	1.079	1.105	1.160	1.149	1.137	1.000	1947	0.778	0.747	0.608	0.649	0.731	1.000
1948	1.082	1.109	1.167	1.158	1.143	1.000	1948	0.777	0.696	0.600	0.635	0.714	1.000
1949	1.083	1.110	1.173	1.165	1.151	1.000	1949	0.778	0.707	0.590	0.627	0.708	1.000
1950	1.084	1.114	1.181	1.176	1.160	1.000	1950	0.778	0.671	0.591	0.610	0.683	1.000
1951	1.087	1.117	1.185	1.181	1.162	1.000	1951	0.775	0.643	0.584	0.601	0.670	1.000
1952	1.089	1.119	1.189	1.180	1.160	1.000	1952	0.782	0.625	0.562	0.591	0.673	1.000
1953	1.091	1.122	1.197	1.186	1.169	1.000	1953	0.777	0.601	0.547	0.582	0.663	1.000
1954	1.090	1.121	1.198	1.191	1.172	1.000	1954	0.778	0.586	0.545	0.574	0.644	1.000
1955	1.091	1.124	1.202	1.196	1.178	1.000	1955	0.779	0.586	0.536	0.576	0.629	1.000
1956	1.093	1.126	1.210	1.202	1.185	1.000	1956	0.772	0.580	0.527	0.565	0.623	1.000
1957	1.094	1.130	1.219	1.211	1.189	1.000	1957	0.779	0.605	0.522	0.554	0.613	1.000
1958	1.094	1.131	1.219	1.213	1.191	1.000	1958	0.785	0.591	0.523	0.546	0.612	1.000
1959	1.096	1.133	1.223	1.216	1.196	1.000	1959	0.779	0.585	0.515	0.540	0.601	0.995
1960	1.099	1.138	1.234	1.231	1.212	1.010	1960	0.770	0.582	0.517	0.532	0.586	0.982
1961	1.098	1.137	1.234	1.232	1.210	1.015	1961	0.775	0.584	0.512	0.522	0.587	0.978
1962	1.099	1.139	1.241	1.239	1.218	1.016	1962	0.766	0.583	0.513	0.517	0.578	0.978
1963	1.102	1.144	1.254	1.254	1.234	1.027	1963	0.769	0.569	0.508	0.510	0.562	0.963
1964	1.103	1.146	1.256	1.253	1.236	1.021	1964	0.776	0.556	0.495	0.510	0.556	0.970
1965	1.106	1.149	1.267	1.265	1.249	1.037	1965	0.775	0.556	0.485	0.505	0.544	0.955
1966	1.108	1.153	1.271	1.269	1.254	1.036	1966	0.775	0.546	0.472	0.499	0.543	0.953
1967	1.110	1.155	1.275	1.274	1.265	1.050	1967	0.776	0.513	0.470	0.501	0.534	0.942
1968	1.114	1.161	1.293	1.297	1.285	1.114	1968	0.771	0.496	0.477	0.476	0.517	0.897
1969	1.115	1.163	1.292	1.298	1.286	1.113	1969	0.774	0.493	0.474	0.470	0.515	0.895
1970	1.115	1.164	1.295	1.303	1.292	1.102	1970	0.783	0.481	0.478	0.468	0.514	0.903
1971	1.114	1.162	1.295	1.305	1.297	1.102	1971	0.777	0.487	0.484	0.472	0.507	0.902
1972	1.116	1.165	1.302	1.312	1.309	1.108	1972	0.771	0.479	0.475	0.471	0.505	0.898
1973	1.116	1.164	1.302	1.315	1.310	1.119	1973	0.776	0.456	0.484	0.467	0.495	0.891
1974	1.114	1.162	1.295	1.310	1.305	1.108	1974	0.782	0.452	0.493	0.471	0.495	0.895
1975	1.114	1.163	1.299	1.315	1.313	1.109	1975	0.794	0.436	0.492	0.469	0.491	0.894
1976	1.111	1.160	1.298	1.315	1.315	1.133	1976	0.807	0.444	0.497	0.473	0.492	0.879
1977	1.112	1.160	1.298	1.318	1.324	1.118	1977	0.788	0.428	0.501	0.483	0.491	0.887
1978	1.110	1.158	1.294	1.314	1.320	1.059	1978	0.801	0.426	0.503	0.485	0.494	0.935
1979	1.111	1.158	1.290	1.312	1.319	1.118	1979	0.797	0.395	0.506	0.490	0.497	0.886
1980	1.108	1.154	1.282	1.307	1.316	1.100	1980	0.804	0.396	0.518	0.504	0.509	0.901
1981	1.106	1.153	1.280	1.305	1.318	1.092	1981	0.811	0.393	0.525	0.512	0.511	0.904
1982	1.104	1.150	1.275	1.301	1.314	1.117	1982	0.800	0.391	0.532	0.518	0.519	0.887
1983	1.102	1.147	1.275	1.302	1.320	1.095	1983	0.809	0.394	0.537	0.525	0.523	0.902
1984	1.100	1.145	1.269	1.295	1.313	1.114	1984	0.809	0.393	0.537	0.534	0.531	0.890
1985	1.101	1.145	1.267	1.294	1.314	1.108	1985	0.782	0.389	0.542	0.536	0.534	0.893
1986	1.101	1.144	1.260	1.285	1.307	1.083	1986	0.788	0.370	0.548	0.547	0.545	0.911
1987	1.099	1.143	1.255	1.279	1.299	1.059	1987	0.800	0.382	0.549	0.550	0.550	0.934
1988	1.100	1.143	1.255	1.282	1.300	1.155	1988	0.807	0.372	0.561	0.544	0.550	0.865
1989	1.099	1.142	1.247	1.272	1.288	1.124	1989	0.812	0.373	0.559	0.551	0.558	0.881

**Table 12 – Ratios of Female to Male Period Values: Life Expectancies ( $e_x$ ) and Probabilities of Death Within One Year ( $q_x$ ) at Selected Exact Ages**

		Exact Age											
Calendar Year	Life Expectancy						Calendar Year	Probability of Death					
	0	30	60	65	70	100		0	30	60	65	70	100
1990	1.099	1.141	1.244	1.270	1.289	1.151	1990	0.792	0.365	0.566	0.556	0.561	0.863
1991	1.098	1.139	1.240	1.265	1.282	1.133	1991	0.785	0.364	0.572	0.560	0.567	0.874
1992	1.097	1.139	1.236	1.262	1.282	1.181	1992	0.810	0.360	0.577	0.566	0.569	0.840
1993	1.096	1.137	1.232	1.257	1.276	1.149	1993	0.804	0.359	0.583	0.572	0.572	0.866
1994	1.094	1.135	1.223	1.245	1.263	1.170	1994	0.818	0.366	0.582	0.577	0.585	0.851
1995	1.092	1.131	1.217	1.239	1.257	1.167	1995	0.818	0.374	0.594	0.584	0.593	0.852
1996	1.087	1.124	1.212	1.233	1.250	1.168	1996	0.821	0.414	0.595	0.592	0.599	0.851
1997	1.082	1.117	1.206	1.228	1.245	1.166	1997	0.813	0.430	0.613	0.595	0.603	0.855
1998	1.079	1.112	1.197	1.218	1.234	1.155	1998	0.835	0.452	0.609	0.608	0.614	0.861
1999	1.076	1.109	1.187	1.207	1.226	1.139	1999	0.824	0.443	0.616	0.623	0.622	0.876
2000	1.078	1.111	1.190	1.209	1.224	1.141	2000	0.833	0.445	0.615	0.612	0.620	0.873
2001	1.076	1.109	1.185	1.205	1.220	1.141	2001	0.834	0.446	0.620	0.617	0.627	0.872
2002	1.075	1.107	1.182	1.201	1.217	1.142	2002	0.835	0.448	0.625	0.623	0.633	0.872
2003	1.074	1.106	1.178	1.198	1.213	1.143	2003	0.836	0.449	0.629	0.627	0.638	0.871
2004	1.073	1.105	1.176	1.195	1.211	1.143	2004	0.837	0.450	0.633	0.631	0.642	0.871
2005	1.072	1.103	1.174	1.193	1.207	1.143	2005	0.838	0.450	0.636	0.634	0.646	0.870
2006	1.072	1.103	1.171	1.190	1.205	1.148	2006	0.838	0.451	0.639	0.637	0.649	0.870
2007	1.071	1.101	1.170	1.189	1.204	1.142	2007	0.838	0.452	0.641	0.639	0.651	0.870
2008	1.071	1.101	1.168	1.187	1.202	1.147	2008	0.839	0.452	0.643	0.641	0.653	0.869
2009	1.070	1.100	1.166	1.185	1.201	1.146	2009	0.839	0.453	0.645	0.642	0.654	0.869
2010	1.070	1.099	1.165	1.184	1.199	1.146	2010	0.839	0.453	0.646	0.643	0.656	0.869
2011	1.069	1.099	1.164	1.183	1.198	1.150	2011	0.840	0.453	0.648	0.645	0.657	0.869
2012	1.069	1.098	1.163	1.181	1.198	1.144	2012	0.840	0.454	0.649	0.645	0.658	0.868
2013	1.068	1.098	1.163	1.181	1.196	1.148	2013	0.840	0.454	0.650	0.646	0.658	0.868
2014	1.068	1.097	1.161	1.180	1.195	1.147	2014	0.840	0.454	0.651	0.647	0.659	0.868
2015	1.068	1.096	1.160	1.179	1.194	1.146	2015	0.840	0.455	0.652	0.648	0.660	0.868
2016	1.067	1.096	1.160	1.178	1.194	1.145	2016	0.840	0.455	0.653	0.648	0.660	0.867
2017	1.067	1.096	1.159	1.178	1.193	1.144	2017	0.840	0.456	0.654	0.649	0.661	0.867
2018	1.067	1.095	1.158	1.176	1.192	1.147	2018	0.840	0.456	0.655	0.650	0.661	0.867
2019	1.066	1.095	1.158	1.176	1.192	1.146	2019	0.840	0.456	0.656	0.650	0.661	0.867
2020	1.066	1.094	1.157	1.175	1.190	1.145	2020	0.840	0.456	0.657	0.651	0.662	0.866
2021	1.066	1.094	1.157	1.174	1.190	1.144	2021	0.840	0.457	0.658	0.651	0.662	0.866
2022	1.065	1.093	1.156	1.174	1.190	1.148	2022	0.840	0.457	0.659	0.652	0.662	0.866
2023	1.065	1.093	1.155	1.173	1.189	1.147	2023	0.840	0.458	0.659	0.652	0.662	0.866
2024	1.065	1.092	1.155	1.173	1.188	1.141	2024	0.840	0.458	0.660	0.653	0.663	0.865
2025	1.065	1.092	1.154	1.173	1.187	1.145	2025	0.840	0.458	0.661	0.653	0.663	0.865
2026	1.064	1.092	1.154	1.171	1.186	1.143	2026	0.840	0.458	0.662	0.653	0.663	0.865
2027	1.064	1.091	1.153	1.171	1.186	1.147	2027	0.840	0.459	0.663	0.654	0.663	0.865
2028	1.064	1.091	1.152	1.171	1.186	1.146	2028	0.840	0.460	0.664	0.654	0.664	0.864
2029	1.063	1.090	1.152	1.169	1.186	1.145	2029	0.840	0.461	0.664	0.655	0.664	0.864
2030	1.063	1.090	1.151	1.169	1.184	1.144	2030	0.840	0.461	0.665	0.655	0.664	0.864
2031	1.063	1.089	1.150	1.168	1.184	1.143	2031	0.840	0.460	0.666	0.656	0.664	0.864
2032	1.063	1.089	1.150	1.168	1.183	1.142	2032	0.840	0.462	0.667	0.656	0.665	0.863
2033	1.062	1.089	1.150	1.168	1.183	1.145	2033	0.840	0.461	0.668	0.656	0.665	0.863
2034	1.062	1.088	1.149	1.167	1.182	1.144	2034	0.840	0.462	0.668	0.657	0.665	0.863

**Table 12 – Ratios of Female to Male Period Values: Life Expectancies ( $e_x$ ) and Probabilities of Death Within One Year ( $q_x$ ) at Selected Exact Ages**

		Exact Age											
Calendar Year	Life Expectancy						Calendar Year	Probability of Death					
	0	30	60	65	70	100		0	30	60	65	70	100
2035	1.062	1.088	1.148	1.167	1.182	1.143	2035	0.840	0.462	0.669	0.657	0.665	0.863
2036	1.061	1.087	1.148	1.165	1.181	1.146	2036	0.840	0.462	0.670	0.658	0.666	0.862
2037	1.061	1.087	1.147	1.165	1.180	1.141	2037	0.840	0.464	0.671	0.658	0.666	0.862
2038	1.061	1.087	1.146	1.164	1.180	1.145	2038	0.840	0.464	0.672	0.658	0.666	0.862
2039	1.061	1.086	1.146	1.164	1.179	1.143	2039	0.840	0.465	0.673	0.659	0.666	0.862
2040	1.060	1.086	1.146	1.164	1.179	1.142	2040	0.840	0.464	0.673	0.659	0.667	0.861
2041	1.060	1.086	1.145	1.163	1.178	1.146	2041	0.840	0.465	0.674	0.660	0.667	0.861
2042	1.060	1.085	1.144	1.163	1.178	1.145	2042	0.840	0.465	0.675	0.660	0.667	0.861
2043	1.060	1.085	1.144	1.162	1.177	1.143	2043	0.840	0.465	0.676	0.661	0.667	0.861
2044	1.059	1.084	1.144	1.161	1.176	1.143	2044	0.840	0.466	0.677	0.661	0.668	0.861
2045	1.059	1.084	1.143	1.161	1.176	1.142	2045	0.840	0.466	0.678	0.661	0.668	0.860
2046	1.059	1.084	1.143	1.160	1.176	1.141	2046	0.840	0.467	0.678	0.662	0.668	0.860
2047	1.059	1.084	1.142	1.160	1.175	1.144	2047	0.840	0.468	0.679	0.662	0.668	0.860
2048	1.058	1.083	1.141	1.159	1.175	1.143	2048	0.840	0.468	0.680	0.663	0.669	0.860
2049	1.058	1.083	1.141	1.159	1.174	1.142	2049	0.840	0.469	0.681	0.663	0.669	0.860
2050	1.058	1.082	1.141	1.158	1.173	1.145	2050	0.840	0.469	0.682	0.663	0.669	0.859
2051	1.058	1.082	1.140	1.158	1.173	1.140	2051	0.840	0.470	0.683	0.664	0.670	0.859
2052	1.057	1.082	1.139	1.157	1.172	1.139	2052	0.840	0.470	0.683	0.664	0.670	0.859
2053	1.057	1.082	1.139	1.157	1.172	1.142	2053	0.840	0.470	0.684	0.665	0.670	0.859
2054	1.057	1.081	1.139	1.156	1.171	1.141	2054	0.840	0.471	0.685	0.665	0.670	0.859
2055	1.057	1.081	1.138	1.155	1.171	1.140	2055	0.840	0.472	0.686	0.666	0.671	0.858
2056	1.057	1.080	1.138	1.155	1.170	1.143	2056	0.840	0.471	0.687	0.666	0.671	0.858
2057	1.056	1.080	1.137	1.154	1.170	1.142	2057	0.840	0.472	0.688	0.666	0.671	0.858
2058	1.056	1.080	1.137	1.155	1.169	1.141	2058	0.840	0.472	0.688	0.667	0.671	0.858
2059	1.056	1.079	1.137	1.154	1.168	1.141	2059	0.840	0.473	0.689	0.667	0.672	0.858
2060	1.056	1.079	1.136	1.153	1.169	1.140	2060	0.840	0.473	0.690	0.668	0.672	0.857
2061	1.055	1.079	1.135	1.153	1.168	1.139	2061	0.840	0.474	0.691	0.668	0.672	0.857
2062	1.055	1.079	1.135	1.152	1.168	1.142	2062	0.840	0.475	0.692	0.669	0.672	0.857
2063	1.055	1.078	1.135	1.152	1.167	1.141	2063	0.840	0.475	0.692	0.669	0.673	0.857
2064	1.055	1.078	1.134	1.151	1.167	1.140	2064	0.840	0.475	0.693	0.669	0.673	0.857
2065	1.055	1.078	1.134	1.151	1.165	1.143	2065	0.840	0.475	0.694	0.670	0.673	0.857
2066	1.054	1.077	1.133	1.151	1.166	1.142	2066	0.840	0.477	0.695	0.670	0.673	0.856
2067	1.054	1.077	1.133	1.150	1.165	1.138	2067	0.839	0.476	0.696	0.670	0.674	0.856
2068	1.054	1.077	1.133	1.150	1.165	1.137	2068	0.840	0.477	0.696	0.671	0.674	0.856
2069	1.054	1.077	1.132	1.149	1.164	1.140	2069	0.840	0.479	0.697	0.671	0.674	0.856
2070	1.054	1.076	1.132	1.149	1.164	1.139	2070	0.840	0.478	0.698	0.672	0.675	0.856
2071	1.053	1.076	1.131	1.148	1.163	1.138	2071	0.839	0.479	0.699	0.672	0.675	0.856
2072	1.053	1.076	1.131	1.148	1.163	1.141	2072	0.840	0.479	0.700	0.673	0.675	0.855
2073	1.053	1.076	1.131	1.147	1.163	1.140	2073	0.840	0.480	0.701	0.673	0.675	0.855
2074	1.053	1.075	1.130	1.147	1.162	1.135	2074	0.840	0.480	0.701	0.673	0.676	0.855
2075	1.053	1.075	1.129	1.146	1.161	1.138	2075	0.839	0.479	0.702	0.674	0.676	0.855
2076	1.052	1.075	1.129	1.146	1.161	1.137	2076	0.840	0.481	0.703	0.674	0.676	0.855
2077	1.052	1.074	1.129	1.145	1.160	1.137	2077	0.840	0.482	0.704	0.674	0.676	0.855
2078	1.052	1.074	1.128	1.145	1.160	1.139	2078	0.840	0.482	0.704	0.675	0.677	0.855
2079	1.052	1.074	1.128	1.145	1.160	1.138	2079	0.839	0.482	0.705	0.675	0.677	0.854

**Table 12 – Ratios of Female to Male Period Values: Life Expectancies ( $e_x$ ) and Probabilities of Death Within One Year ( $q_x$ ) at Selected Exact Ages**

Exact Age													
Calendar Year	Life Expectancy						Calendar Year	Probability of Death					
	0	30	60	65	70	100		0	30	60	65	70	100
2080	1.052	1.074	1.128	1.144	1.159	1.138	2080	0.839	0.483	0.706	0.676	0.677	0.854
2081	1.051	1.073	1.127	1.144	1.159	1.140	2081	0.840	0.484	0.707	0.676	0.677	0.854
2082	1.051	1.073	1.127	1.144	1.158	1.136	2082	0.839	0.484	0.708	0.676	0.678	0.854
2083	1.051	1.073	1.126	1.143	1.158	1.135	2083	0.840	0.484	0.708	0.677	0.678	0.854
2084	1.051	1.073	1.126	1.143	1.157	1.135	2084	0.839	0.485	0.709	0.677	0.678	0.854
2085	1.051	1.072	1.126	1.143	1.157	1.137	2085	0.839	0.485	0.710	0.678	0.678	0.854
2086	1.051	1.072	1.125	1.142	1.157	1.136	2086	0.840	0.487	0.710	0.678	0.679	0.854
2087	1.050	1.072	1.125	1.141	1.156	1.136	2087	0.840	0.486	0.711	0.678	0.679	0.853
2088	1.050	1.072	1.125	1.141	1.156	1.138	2088	0.840	0.487	0.712	0.679	0.679	0.853
2089	1.050	1.071	1.124	1.141	1.155	1.134	2089	0.840	0.487	0.713	0.679	0.680	0.853
2090	1.050	1.071	1.124	1.140	1.156	1.134	2090	0.840	0.488	0.713	0.679	0.680	0.853
2091	1.050	1.071	1.124	1.140	1.155	1.136	2091	0.839	0.488	0.714	0.680	0.680	0.853
2092	1.050	1.071	1.123	1.140	1.154	1.135	2092	0.839	0.489	0.715	0.680	0.680	0.853
2093	1.049	1.070	1.123	1.139	1.154	1.135	2093	0.840	0.490	0.716	0.681	0.680	0.853
2094	1.049	1.070	1.122	1.139	1.153	1.137	2094	0.840	0.491	0.716	0.681	0.681	0.853
2095	1.049	1.070	1.122	1.139	1.153	1.133	2095	0.840	0.492	0.717	0.681	0.681	0.853
2096	1.049	1.070	1.122	1.138	1.153	1.133	2096	0.840	0.491	0.718	0.682	0.681	0.852
2097	1.049	1.070	1.121	1.138	1.152	1.135	2097	0.839	0.492	0.719	0.682	0.681	0.852
2098	1.049	1.069	1.121	1.137	1.152	1.134	2098	0.839	0.492	0.719	0.682	0.682	0.852
2099	1.048	1.069	1.121	1.137	1.152	1.134	2099	0.839	0.494	0.720	0.683	0.682	0.852
2100	1.048	1.069	1.121	1.137	1.151	1.136	2100	0.840	0.494	0.721	0.683	0.682	0.852

**Table 13 – Ratios of Female to Male Cohort Values: Life Expectancies ( $e_x$ ) and Probabilities of Death Within One Year ( $q_x$ ) at Selected Exact Ages**

		Exact Age											
Year of Birth	Life Expectancy						Year of Birth	Probability of Death					
	0	30	60	65	70	100		0	30	60	65	70	100
1900	1.131	1.164	1.321	1.340	1.341	1.141	1900	0.820	0.905	0.517	0.505	0.514	0.873
1901	1.129	1.166	1.325	1.342	1.342	1.142	1901	0.814	0.911	0.512	0.499	0.507	0.872
1902	1.130	1.168	1.329	1.344	1.343	1.148	1902	0.817	0.936	0.513	0.501	0.505	0.872
1903	1.132	1.171	1.331	1.346	1.342	1.143	1903	0.815	0.908	0.508	0.476	0.495	0.871
1904	1.134	1.173	1.333	1.344	1.339	1.148	1904	0.815	0.879	0.495	0.470	0.495	0.871
1905	1.136	1.174	1.332	1.342	1.337	1.148	1905	0.810	0.877	0.485	0.468	0.491	0.870
1906	1.137	1.175	1.330	1.338	1.334	1.147	1906	0.814	0.861	0.472	0.472	0.492	0.870
1907	1.135	1.175	1.326	1.334	1.330	1.146	1907	0.819	0.837	0.470	0.471	0.491	0.870
1908	1.134	1.174	1.321	1.329	1.325	1.146	1908	0.819	0.849	0.477	0.467	0.494	0.869
1909	1.133	1.172	1.315	1.322	1.319	1.145	1909	0.818	0.847	0.474	0.471	0.497	0.869
1910	1.134	1.171	1.309	1.315	1.314	1.149	1910	0.818	0.815	0.478	0.469	0.509	0.869
1911	1.131	1.169	1.302	1.309	1.308	1.148	1911	0.818	0.788	0.484	0.473	0.511	0.869
1912	1.131	1.167	1.296	1.302	1.301	1.147	1912	0.809	0.746	0.475	0.483	0.519	0.868
1913	1.131	1.165	1.287	1.294	1.295	1.146	1913	0.808	0.762	0.484	0.485	0.523	0.868
1914	1.129	1.162	1.280	1.287	1.287	1.145	1914	0.809	0.720	0.493	0.490	0.531	0.868
1915	1.129	1.159	1.272	1.279	1.281	1.149	1915	0.795	0.627	0.492	0.504	0.534	0.868
1916	1.128	1.156	1.264	1.272	1.273	1.143	1916	0.794	0.746	0.497	0.512	0.545	0.867
1917	1.127	1.153	1.257	1.265	1.267	1.147	1917	0.788	0.747	0.501	0.518	0.550	0.867
1918	1.127	1.150	1.250	1.259	1.261	1.145	1918	0.800	0.696	0.503	0.525	0.550	0.867
1919	1.122	1.148	1.244	1.254	1.256	1.149	1919	0.792	0.707	0.506	0.534	0.558	0.867
1920	1.123	1.146	1.239	1.249	1.251	1.148	1920	0.788	0.671	0.518	0.536	0.561	0.866
1921	1.119	1.144	1.235	1.244	1.246	1.147	1921	0.795	0.643	0.525	0.547	0.567	0.866
1922	1.118	1.142	1.230	1.240	1.243	1.146	1922	0.789	0.625	0.532	0.550	0.569	0.866
1923	1.116	1.140	1.226	1.236	1.237	1.145	1923	0.803	0.601	0.537	0.544	0.572	0.866
1924	1.116	1.139	1.222	1.230	1.232	1.148	1924	0.786	0.586	0.537	0.551	0.585	0.865
1925	1.114	1.137	1.217	1.226	1.229	1.147	1925	0.789	0.586	0.542	0.556	0.593	0.865
1926	1.113	1.135	1.213	1.222	1.225	1.146	1926	0.794	0.580	0.548	0.560	0.599	0.865
1927	1.110	1.133	1.209	1.218	1.222	1.145	1927	0.784	0.605	0.549	0.566	0.603	0.865
1928	1.110	1.131	1.205	1.215	1.219	1.144	1928	0.781	0.591	0.561	0.572	0.614	0.864
1929	1.108	1.129	1.201	1.211	1.216	1.148	1929	0.794	0.585	0.559	0.577	0.622	0.864
1930	1.106	1.126	1.197	1.208	1.214	1.146	1930	0.797	0.582	0.566	0.584	0.620	0.864
1931	1.104	1.124	1.194	1.205	1.212	1.145	1931	0.791	0.584	0.572	0.592	0.627	0.864
1932	1.102	1.122	1.191	1.201	1.210	1.149	1932	0.794	0.583	0.577	0.595	0.633	0.863
1933	1.101	1.121	1.188	1.199	1.208	1.148	1933	0.799	0.569	0.583	0.608	0.638	0.863
1934	1.102	1.119	1.185	1.197	1.207	1.146	1934	0.792	0.556	0.582	0.623	0.642	0.863
1935	1.101	1.118	1.183	1.195	1.206	1.146	1935	0.777	0.556	0.594	0.612	0.646	0.863
1936	1.100	1.116	1.181	1.194	1.205	1.145	1936	0.786	0.546	0.595	0.617	0.649	0.862
1937	1.098	1.115	1.179	1.192	1.203	1.143	1937	0.789	0.513	0.613	0.623	0.651	0.862
1938	1.097	1.114	1.177	1.191	1.201	1.147	1938	0.786	0.496	0.609	0.627	0.653	0.862
1939	1.096	1.113	1.176	1.190	1.200	1.146	1939	0.786	0.493	0.616	0.631	0.654	0.862
1940	1.095	1.112	1.174	1.189	1.200	1.145	1940	0.787	0.481	0.615	0.634	0.656	0.861
1941	1.094	1.111	1.173	1.187	1.199	1.143	1941	0.795	0.487	0.620	0.637	0.657	0.861
1942	1.092	1.111	1.172	1.187	1.198	1.147	1942	0.796	0.479	0.625	0.639	0.658	0.861
1943	1.092	1.110	1.170	1.185	1.197	1.146	1943	0.785	0.456	0.629	0.641	0.658	0.861
1944	1.091	1.109	1.169	1.185	1.198	1.141	1944	0.798	0.452	0.633	0.642	0.659	0.861

**Table 13 – Ratios of Female to Male Cohort Values: Life Expectancies ( $e_x$ ) and Probabilities of Death Within One Year ( $q_x$ ) at Selected Exact Ages**

		Exact Age											
Year of Birth	Life Expectancy						Year of Birth	Probability of Death					
	0	30	60	65	70	100		0	30	60	65	70	100
1945	1.091	1.109	1.168	1.183	1.197	1.144	1945	0.786	0.436	0.636	0.643	0.660	0.860
1946	1.090	1.108	1.167	1.183	1.195	1.143	1946	0.783	0.444	0.639	0.645	0.660	0.860
1947	1.090	1.108	1.166	1.182	1.194	1.142	1947	0.778	0.428	0.641	0.645	0.661	0.860
1948	1.090	1.108	1.165	1.181	1.194	1.145	1948	0.777	0.426	0.643	0.646	0.661	0.860
1949	1.091	1.108	1.165	1.181	1.193	1.144	1949	0.778	0.395	0.645	0.647	0.661	0.860
1950	1.090	1.109	1.164	1.180	1.193	1.143	1950	0.778	0.396	0.646	0.648	0.662	0.859
1951	1.090	1.109	1.163	1.179	1.192	1.146	1951	0.775	0.393	0.648	0.648	0.662	0.859
1952	1.090	1.109	1.162	1.178	1.191	1.145	1952	0.782	0.391	0.649	0.649	0.662	0.859
1953	1.090	1.108	1.162	1.178	1.191	1.144	1953	0.777	0.394	0.650	0.650	0.662	0.859
1954	1.089	1.108	1.161	1.177	1.190	1.143	1954	0.778	0.393	0.651	0.650	0.663	0.859
1955	1.088	1.107	1.160	1.176	1.189	1.142	1955	0.779	0.389	0.652	0.651	0.663	0.858
1956	1.088	1.106	1.159	1.176	1.189	1.141	1956	0.772	0.370	0.653	0.651	0.663	0.858
1957	1.087	1.106	1.159	1.175	1.188	1.140	1957	0.779	0.382	0.654	0.652	0.663	0.858
1958	1.086	1.105	1.158	1.174	1.187	1.143	1958	0.785	0.372	0.655	0.652	0.664	0.858
1959	1.086	1.104	1.157	1.174	1.187	1.142	1959	0.779	0.373	0.656	0.653	0.664	0.858
1960	1.085	1.103	1.157	1.173	1.186	1.141	1960	0.770	0.365	0.657	0.653	0.664	0.857
1961	1.084	1.103	1.156	1.172	1.185	1.144	1961	0.775	0.364	0.658	0.653	0.664	0.857
1962	1.084	1.102	1.156	1.172	1.185	1.143	1962	0.766	0.360	0.659	0.654	0.665	0.857
1963	1.083	1.101	1.155	1.171	1.185	1.142	1963	0.769	0.359	0.659	0.654	0.665	0.857
1964	1.082	1.100	1.154	1.170	1.184	1.138	1964	0.776	0.366	0.660	0.655	0.665	0.857
1965	1.081	1.099	1.154	1.170	1.183	1.141	1965	0.775	0.374	0.661	0.655	0.665	0.857
1966	1.080	1.098	1.153	1.169	1.183	1.140	1966	0.775	0.414	0.662	0.656	0.666	0.856
1967	1.079	1.097	1.152	1.169	1.182	1.139	1967	0.776	0.430	0.663	0.656	0.666	0.856
1968	1.079	1.097	1.152	1.168	1.181	1.142	1968	0.771	0.452	0.664	0.656	0.666	0.856
1969	1.078	1.097	1.151	1.168	1.181	1.141	1969	0.774	0.443	0.664	0.657	0.666	0.856
1970	1.077	1.096	1.151	1.167	1.180	1.140	1970	0.783	0.445	0.665	0.657	0.667	0.856
1971	1.076	1.096	1.150	1.166	1.180	1.143	1971	0.777	0.446	0.666	0.658	0.667	0.856
1972	1.076	1.095	1.149	1.166	1.179	1.142	1972	0.771	0.448	0.667	0.658	0.667	0.855
1973	1.075	1.095	1.149	1.165	1.179	1.141	1973	0.776	0.449	0.668	0.658	0.667	0.855
1974	1.075	1.095	1.149	1.164	1.178	1.137	1974	0.782	0.450	0.668	0.659	0.668	0.855
1975	1.074	1.094	1.148	1.164	1.177	1.140	1975	0.794	0.450	0.669	0.659	0.668	0.855
1976	1.073	1.094	1.147	1.164	1.177	1.139	1976	0.807	0.451	0.670	0.660	0.668	0.855
1977	1.073	1.093	1.147	1.163	1.176	1.138	1977	0.788	0.452	0.671	0.660	0.668	0.855
1978	1.072	1.093	1.147	1.163	1.176	1.141	1978	0.801	0.452	0.672	0.661	0.669	0.855
1979	1.071	1.092	1.146	1.161	1.176	1.140	1979	0.797	0.453	0.673	0.661	0.669	0.854
1980	1.070	1.092	1.145	1.161	1.175	1.139	1980	0.804	0.453	0.673	0.661	0.669	0.854
1981	1.070	1.091	1.145	1.161	1.174	1.138	1981	0.811	0.453	0.674	0.662	0.670	0.854
1982	1.069	1.091	1.144	1.160	1.174	1.141	1982	0.800	0.454	0.675	0.662	0.670	0.854
1983	1.068	1.091	1.144	1.160	1.173	1.137	1983	0.809	0.454	0.676	0.663	0.670	0.854
1984	1.068	1.090	1.143	1.159	1.172	1.136	1984	0.809	0.454	0.677	0.663	0.670	0.854
1985	1.068	1.090	1.142	1.159	1.172	1.139	1985	0.782	0.455	0.678	0.663	0.671	0.854
1986	1.068	1.089	1.142	1.158	1.172	1.138	1986	0.788	0.455	0.678	0.664	0.671	0.854
1987	1.067	1.089	1.141	1.158	1.171	1.137	1987	0.800	0.456	0.679	0.664	0.671	0.853
1988	1.067	1.088	1.141	1.157	1.171	1.136	1988	0.807	0.456	0.680	0.665	0.671	0.853
1989	1.066	1.088	1.141	1.156	1.170	1.139	1989	0.812	0.456	0.681	0.665	0.672	0.853

**Table 13 – Ratios of Female to Male Cohort Values: Life Expectancies ( $e_x$ ) and Probabilities of Death Within One Year ( $q_x$ ) at Selected Exact Ages**

		Exact Age											
Year of Birth	Life Expectancy						Year of Birth	Probability of Death					
	0	30	60	65	70	100		0	30	60	65	70	100
1990	1.066	1.088	1.140	1.156	1.170	1.138	1990	0.792	0.456	0.682	0.666	0.672	0.853
1991	1.066	1.087	1.139	1.156	1.169	1.134	1991	0.785	0.457	0.683	0.666	0.672	0.853
1992	1.065	1.087	1.139	1.155	1.169	1.137	1992	0.810	0.457	0.683	0.666	0.672	0.853
1993	1.065	1.087	1.139	1.155	1.167	1.136	1993	0.804	0.458	0.684	0.667	0.673	0.853
1994	1.064	1.086	1.138	1.154	1.167	1.135	1994	0.818	0.458	0.685	0.667	0.673	0.853
1995	1.064	1.086	1.138	1.153	1.167	1.138	1995	0.818	0.458	0.686	0.668	0.673	0.853
1996	1.063	1.085	1.137	1.153	1.167	1.137	1996	0.821	0.458	0.687	0.668	0.673	0.852
1997	1.063	1.085	1.137	1.153	1.166	1.136	1997	0.813	0.459	0.688	0.669	0.674	0.852
1998	1.063	1.084	1.136	1.152	1.165	1.135	1998	0.835	0.460	0.688	0.669	0.674	0.852
1999	1.062	1.084	1.135	1.152	1.165	1.135	1999	0.824	0.461	0.689	0.669	0.674	0.852
2000	1.062	1.084	1.135	1.151	1.165	1.134	2000	0.833	0.461	0.690	0.670	0.675	0.852
2001	1.062	1.084	1.135	1.150	1.164	1.133	2001	0.834	0.460	0.691	0.670	0.675	0.852
2002	1.061	1.083	1.135	1.150	1.164	1.136	2002	0.835	0.462	0.692	0.670	0.675	0.852
2003	1.061	1.083	1.134	1.150	1.163	1.135	2003	0.836	0.461	0.692	0.671	0.675	0.852
2004	1.061	1.082	1.133	1.149	1.162	1.134	2004	0.837	0.462	0.693	0.671	0.676	0.852
2005	1.060	1.082	1.133	1.148	1.163	1.134	2005	0.838	0.462	0.694	0.672	0.676	0.852
2006	1.060	1.082	1.132	1.148	1.161	1.133	2006	0.838	0.462	0.695	0.672	0.676	0.852
2007	1.060	1.081	1.132	1.148	1.161	1.132	2007	0.838	0.464	0.696	0.673	0.676	0.851
2008	1.060	1.081	1.132	1.147	1.161	1.132	2008	0.839	0.464	0.696	0.673	0.677	0.851
2009	1.059	1.081	1.131	1.147	1.160	1.134	2009	0.839	0.465	0.697	0.673	0.677	0.851
2010	1.059	1.080	1.131	1.147	1.160	1.133	2010	0.839	0.464	0.698	0.674	0.677	0.851
2011	1.059	1.080	1.130	1.146	1.159	1.133	2011	0.840	0.465	0.699	0.674	0.677	0.851
2012	1.059	1.080	1.130	1.146	1.159	1.132	2012	0.840	0.465	0.700	0.674	0.678	0.851
2013	1.058	1.079	1.130	1.145	1.159	1.132	2013	0.840	0.465	0.701	0.675	0.678	0.851
2014	1.058	1.079	1.129	1.145	1.158	1.131	2014	0.840	0.466	0.701	0.675	0.678	0.851
2015	1.058	1.079	1.129	1.144	1.157	1.133	2015	0.840	0.466	0.702	0.676	0.678	0.851
2016	1.058	1.079	1.128	1.144	1.157	1.132	2016	0.840	0.467	0.703	0.676	0.679	0.851
2017	1.057	1.078	1.128	1.144	1.156	1.129	2017	0.840	0.468	0.704	0.676	0.679	0.851
2018	1.057	1.078	1.127	1.143	1.157	1.131	2018	0.840	0.468	0.704	0.677	0.679	0.851
2019	1.057	1.077	1.127	1.143	1.156	1.131	2019	0.840	0.469	0.705	0.677	0.680	0.851
2020	1.057	1.077	1.127	1.142	1.155	1.130	2020	0.840	0.469	0.706	0.678	0.680	0.851
2021	1.056	1.077	1.126	1.142	1.155	1.132	2021	0.840	0.470	0.707	0.678	0.680	0.851
2022	1.056	1.077	1.126	1.141	1.155	1.129	2022	0.840	0.470	0.708	0.678	0.680	0.851
2023	1.056	1.076	1.125	1.141	1.154	1.128	2023	0.840	0.470	0.708	0.679	0.680	0.851
2024	1.056	1.076	1.125	1.141	1.154	1.131	2024	0.840	0.471	0.709	0.679	0.681	0.850
2025	1.055	1.076	1.125	1.140	1.154	1.130	2025	0.840	0.472	0.710	0.679	0.681	0.850
2026	1.055	1.075	1.125	1.140	1.153	1.129	2026	0.840	0.471	0.710	0.680	0.681	0.850
2027	1.055	1.075	1.124	1.139	1.153	1.126	2027	0.840	0.472	0.711	0.680	0.681	0.850
2028	1.055	1.075	1.124	1.139	1.152	1.128	2028	0.840	0.472	0.712	0.681	0.682	0.850
2029	1.054	1.075	1.123	1.139	1.151	1.128	2029	0.840	0.473	0.713	0.681	0.682	0.850
2030	1.054	1.074	1.123	1.138	1.151	1.127	2030	0.840	0.473	0.713	0.681	0.682	0.850
2031	1.054	1.074	1.123	1.138	1.151	1.129	2031	0.840	0.474	0.714	0.682	0.682	0.850
2032	1.054	1.074	1.122	1.138	1.151	1.126	2032	0.840	0.475	0.715	0.682	0.683	0.850
2033	1.054	1.073	1.122	1.137	1.151	1.126	2033	0.840	0.475	0.716	0.682	0.683	0.850
2034	1.053	1.073	1.122	1.137	1.150	1.128	2034	0.840	0.475	0.716	0.683	0.683	0.850

**Table 13 – Ratios of Female to Male Cohort Values: Life Expectancies ( $e_x$ ) and Probabilities of Death Within One Year ( $q_x$ ) at Selected Exact Ages**

		Exact Age											
Year of Birth	Life Expectancy						Year of Birth	Probability of Death					
	0	30	60	65	70	100		0	30	60	65	70	100
2035	1.053	1.073	1.121	1.136	1.149	1.127	2035	0.840	0.475	0.717	0.683	0.683	0.850
2036	1.053	1.073	1.121	1.136	1.149	1.127	2036	0.840	0.477	0.718	0.683	0.684	0.850
2037	1.053	1.072	1.120	1.136	1.149	1.126	2037	0.840	0.476	0.719	0.684	0.684	0.850
2038	1.053	1.072	1.120	1.135	1.148	1.126	2038	0.840	0.477	0.719	0.684	0.684	0.850
2039	1.052	1.072	1.120	1.135	1.148	1.128	2039	0.840	0.479	0.720	0.684	0.684	0.850
2040	1.052	1.072	1.119	1.135	1.147	1.127	2040	0.840	0.478	0.721	0.685	0.684	0.850
2041	1.052	1.071	1.119	1.134	1.147	1.124	2041	0.840	0.479	0.722	0.685	0.685	0.850
2042	1.052	1.071	1.119	1.134	1.146	1.126	2042	0.840	0.479	0.722	0.685	0.685	0.850
2043	1.052	1.071	1.118	1.133	1.146	1.126	2043	0.840	0.480	0.723	0.686	0.685	0.850
2044	1.051	1.071	1.118	1.133	1.146	1.125	2044	0.840	0.480	0.724	0.686	0.685	0.850
2045	1.051	1.070	1.118	1.132	1.145	1.125	2045	0.840	0.479	0.724	0.686	0.685	0.850
2046	1.051	1.070	1.118	1.132	1.145	1.124	2046	0.840	0.481	0.725	0.687	0.686	0.850
2047	1.051	1.070	1.117	1.132	1.145	1.124	2047	0.840	0.482	0.726	0.687	0.686	0.850
2048	1.051	1.070	1.117	1.132	1.145	1.123	2048	0.840	0.482	0.726	0.687	0.686	0.850
2049	1.050	1.069	1.116	1.131	1.144	1.123	2049	0.840	0.482	0.727	0.688	0.686	0.850
2050	1.050	1.069	1.117	1.131	1.144	1.122	2050	0.840	0.483	0.728	0.688	0.687	0.850
2051	1.050	1.069	1.116	1.131	1.144	1.124	2051	0.840	0.484	0.728	0.688	0.687	0.850
2052	1.050	1.069	1.115	1.131	1.143	1.121	2052	0.840	0.484	0.729	0.688	0.687	0.850
2053	1.050	1.069	1.115	1.130	1.142	1.121	2053	0.840	0.484	0.730	0.689	0.687	0.850
2054	1.050	1.068	1.115	1.130	1.142	1.123	2054	0.840	0.485	0.730	0.689	0.687	0.850
2055	1.049	1.068	1.115	1.129	1.142	1.122	2055	0.840	0.485	0.731	0.689	0.688	0.850
2056	1.049	1.068	1.114	1.129	1.142	1.122	2056	0.840	0.487	0.732	0.690	0.688	0.850
2057	1.049	1.068	1.114	1.128	1.141	1.121	2057	0.840	0.486	0.732	0.690	0.688	0.850
2058	1.049	1.067	1.114	1.128	1.140	1.121	2058	0.840	0.487	0.733	0.690	0.688	0.850
2059	1.049	1.067	1.113	1.128	1.141	1.121	2059	0.840	0.487	0.734	0.691	0.688	0.850
2060	1.048	1.067	1.113	1.127	1.140	1.120	2060	0.840	0.488	0.734	0.691	0.689	0.850
2061	1.048	1.067	1.113	1.127	1.140	1.120	2061	0.840	0.488	0.735	0.691	0.689	0.850
2062	1.048	1.067	1.113	1.127	1.139	1.119	2062	0.840	0.489	0.736	0.691	0.689	0.850
2063	1.048	1.066	1.112	1.127	1.139	1.119	2063	0.840	0.490	0.736	0.692	0.689	0.850
2064	1.048	1.066	1.112	1.126	1.139	1.121	2064	0.840	0.491	0.737	0.692	0.689	0.850
2065	1.048	1.066	1.111	1.126	1.138	1.120	2065	0.840	0.492	0.737	0.692	0.690	0.850
2066	1.047	1.066	1.112	1.126	1.138	1.118	2066	0.840	0.491	0.738	0.693	0.690	0.850
2067	1.047	1.065	1.111	1.125	1.138	1.119	2067	0.839	0.492	0.739	0.693	0.690	0.850
2068	1.047	1.065	1.111	1.125	1.137	1.119	2068	0.840	0.492	0.739	0.693	0.690	0.850
2069	1.047	1.065	1.110	1.124	1.137	1.116	2069	0.840	0.494	0.740	0.693	0.690	0.850
2070	1.047	1.065	1.110	1.124	1.137	1.118	2070	0.840	0.494	0.741	0.694	0.691	0.850
2071	1.047	1.065	1.110	1.124	1.137	1.118	2071	0.839	0.493	0.741	0.694	0.691	0.850
2072	1.046	1.065	1.110	1.124	1.136	1.117	2072	0.840	0.494	0.742	0.694	0.691	0.850
2073	1.046	1.064	1.109	1.124	1.136	1.117	2073	0.840	0.495	0.742	0.694	0.691	0.850
2074	1.046	1.064	1.109	1.123	1.135	1.116	2074	0.840	0.495	0.743	0.695	0.691	0.850
2075	1.046	1.064	1.109	1.123	1.135	1.116	2075	0.839	0.496	0.744	0.695	0.691	0.850
2076	1.046	1.064	1.108	1.122	1.135	1.116	2076	0.840	0.498	0.744	0.695	0.692	0.850
2077	1.046	1.063	1.108	1.122	1.134	1.118	2077	0.840	0.498	0.745	0.695	0.692	0.850
2078	1.046	1.063	1.108	1.122	1.134	1.115	2078	0.840	0.498	0.745	0.696	0.692	0.851
2079	1.045	1.063	1.108	1.121	1.134	1.115	2079	0.839	0.499	0.746	0.696	0.692	0.851



**Table 13 – Ratios of Female to Male Cohort Values: Life Expectancies ( $e_x$ ) and Probabilities of Death Within One Year ( $q_x$ ) at Selected Exact Ages**

		Exact Age											
Year of Birth	Life Expectancy						Year of Birth	Probability of Death					
	0	30	60	65	70	100		0	30	60	65	70	100
2080	1.045	1.063	1.107	1.121	1.134	1.116	2080	0.839	0.498	0.747	0.696	0.692	0.851
2081	1.045	1.063	1.107	1.121	1.133	1.114	2081	0.840	0.499	0.747	0.696	0.692	0.851
2082	1.045	1.063	1.107	1.120	1.133	1.116	2082	0.839	0.501	0.748	0.697	0.693	0.851
2083	1.045	1.062	1.107	1.120	1.132	1.113	2083	0.840	0.501	0.748	0.697	0.693	0.851
2084	1.045	1.062	1.106	1.120	1.132	1.113	2084	0.839	0.500	0.749	0.697	0.693	0.851
2085	1.044	1.062	1.106	1.120	1.132	1.114	2085	0.839	0.502	0.749	0.697	0.693	0.851
2086	1.044	1.062	1.106	1.119	1.132	1.112	2086	0.840	0.503	0.750	0.698	0.693	0.851
2087	1.044	1.061	1.106	1.119	1.131	1.114	2087	0.840	0.502	0.750	0.698	0.693	0.851
2088	1.044	1.061	1.105	1.119	1.131	1.113	2088	0.840	0.504	0.751	0.698	0.693	0.851
2089	1.044	1.061	1.105	1.119	1.131	1.113	2089	0.840	0.503	0.751	0.698	0.694	0.851
2090	1.044	1.061	1.105	1.118	1.130	1.113	2090	0.840	0.504	0.752	0.699	0.694	0.851
2091	1.044	1.061	1.104	1.118	1.130	1.112	2091	0.839	0.506	0.753	0.699	0.694	0.851
2092	1.043	1.061	1.104	1.118	1.129	1.112	2092	0.839	0.504	0.753	0.699	0.694	0.851
2093	1.043	1.060	1.104	1.118	1.130	1.112	2093	0.840	0.505	0.753	0.699	0.694	0.851
2094	1.043	1.060	1.104	1.117	1.129	1.112	2094	0.840	0.507	0.754	0.699	0.694	0.851
2095	1.043	1.060	1.103	1.117	1.129	1.109	2095	0.840	0.508	0.755	0.700	0.695	0.851
2096	1.043	1.060	1.103	1.117	1.128	1.109	2096	0.840	0.508	0.755	0.700	0.695	0.851
2097	1.043	1.060	1.103	1.116	1.128	1.109	2097	0.839	0.509	0.756	0.700	0.695	0.852
2098	1.043	1.060	1.103	1.116	1.128	1.109	2098	0.839	0.510	0.756	0.700	0.695	0.852
2099	1.043	1.059	1.102	1.116	1.127	1.110	2099	0.839	0.510	0.757	0.700	0.695	0.852
2100	1.042	1.059	1.102	1.115	1.127	1.108	2100	0.840	0.509	0.757	0.701	0.695	0.852

**Table 14 – Age for Selected Survival Rates, by Sex and Calendar Year**

Sex and Survival Rate						
Calendar Year	Male			Female		
	0.5	0.1	0.00001	0.5	0.1	0.00001
1900	55.15	80.89	104.41	58.17	82.32	104.91
1901	56.40	81.02	104.50	60.12	82.53	105.02
1902	57.99	81.83	105.74	61.70	83.70	106.50
1903	58.04	81.40	104.86	61.47	83.10	105.50
1904	56.73	80.65	103.75	60.49	82.48	104.49
1905	57.63	81.17	104.01	61.39	82.94	104.73
1906	56.98	81.20	104.24	61.76	83.24	104.85
1907	56.69	80.52	103.60	61.81	82.56	104.16
1908	59.26	81.78	104.84	63.40	83.63	105.35
1909	60.31	82.03	104.84	64.27	83.88	105.43
1910	59.12	81.49	104.65	63.50	83.31	105.13
1911	60.52	81.88	104.97	64.47	83.64	105.53
1912	60.89	81.96	105.26	65.16	83.81	105.79
1913	60.33	81.99	105.57	64.98	83.92	106.04
1914	61.47	82.29	105.90	65.52	84.15	106.49
1915	61.97	82.14	105.32	65.71	83.79	105.85
1916	60.78	81.68	104.91	65.10	83.48	105.50
1917	60.35	81.54	105.08	64.94	83.47	105.72
1918	48.37	80.42	106.07	55.96	82.76	106.75
1919	63.01	83.56	106.68	65.37	84.78	107.03
1920	63.75	82.92	105.36	65.27	83.90	105.71
1921	66.13	84.01	106.26	67.86	85.09	106.59
1922	65.44	83.24	105.47	67.61	84.57	105.80
1923	64.73	82.76	104.50	67.20	84.05	104.82
1924	65.28	83.17	105.33	68.10	84.79	105.78
1925	65.22	83.02	104.65	67.95	84.67	105.03
1926	64.64	82.51	103.88	67.40	84.18	104.38
1927	65.61	83.30	104.91	68.53	85.18	105.50
1928	64.59	82.44	103.70	67.64	84.34	104.19
1929	64.60	82.61	103.89	67.86	84.56	104.51
1930	65.26	83.38	105.44	68.76	85.50	105.98
1931	65.69	83.66	105.63	69.32	85.89	106.36
1932	66.37	83.63	105.32	69.77	85.68	105.90
1933	66.44	83.82	105.79	70.16	86.12	106.54
1934	65.86	83.47	105.69	70.01	85.96	106.44

**Table 14 – Age for Selected Survival Rates, by Sex and Calendar Year**

Sex and Survival Rate						
Calendar Year	Male			Female		
	0.5	0.1	0.00001	0.5	0.1	0.00001
1935	66.21	83.67	105.63	70.33	86.25	106.37
1936	65.46	82.89	104.62	69.91	85.50	105.35
1937	65.93	83.31	105.21	70.52	86.11	105.95
1938	67.28	84.19	105.98	71.47	86.77	106.75
1939	67.60	84.10	105.56	71.82	86.64	106.26
1940	67.53	83.98	105.63	72.08	86.72	106.43
1941	67.92	84.43	105.98	72.68	87.38	106.95
1942	68.25	84.84	106.64	73.21	87.83	107.52
1943	68.04	84.33	105.53	72.95	87.21	106.49
1944	68.46	84.95	106.47	73.60	87.87	107.28
1945	68.53	85.29	106.66	74.10	88.36	107.58
1946	69.49	85.87	106.96	74.64	88.66	107.79
1947	69.41	85.63	106.56	74.78	88.58	107.48
1948	69.60	85.81	106.89	75.18	88.89	107.87
1949	69.91	86.04	107.75	75.51	89.29	108.71
1950	70.11	86.06	107.93	75.82	89.47	108.97
1951	70.10	86.07	108.38	76.05	89.58	109.39
1952	70.18	86.24	108.90	76.30	89.84	109.82
1953	70.28	86.20	108.65	76.55	89.88	109.62
1954	70.93	86.87	109.35	77.19	90.51	110.23
1955	70.92	86.63	108.51	77.27	90.24	109.41
1956	70.87	86.56	108.22	77.39	90.27	109.23
1957	70.50	86.36	107.94	77.25	90.09	108.97
1958	70.72	86.41	107.99	77.46	90.18	109.09
1959	70.88	86.62	108.40	77.78	90.44	109.54
1960	70.70	86.37	108.23	77.79	90.42	109.54
1961	71.03	86.69	108.32	78.14	90.65	109.64
1962	70.83	86.47	107.79	78.04	90.44	109.11
1963	70.58	86.18	107.40	77.97	90.34	108.90
1964	70.79	86.57	108.16	78.31	90.76	109.65
1965	70.73	86.43	107.91	78.39	90.81	109.60
1966	70.60	86.37	107.98	78.38	90.84	109.71
1967	70.85	86.64	108.53	78.69	91.26	110.25
1968	70.54	86.25	107.52	78.69	91.23	109.91
1969	70.84	86.58	108.26	79.06	91.66	110.71

**Table 14 – Age for Selected Survival Rates, by Sex and Calendar Year**

Sex and Survival Rate						
Calendar Year	Male			Female		
	0.5	0.1	0.00001	0.5	0.1	0.00001
1970	70.98	86.82	109.02	79.22	92.08	111.41
1971	71.22	86.83	108.94	79.37	92.03	111.33
1972	71.21	86.78	108.89	79.44	92.17	111.35
1973	71.44	86.95	108.78	79.70	92.31	111.31
1974	71.96	87.50	109.67	80.17	92.77	111.97
1975	72.37	87.90	110.28	80.60	93.37	112.66
1976	72.64	87.99	109.67	80.81	93.35	112.23
1977	72.95	88.31	110.37	81.11	93.79	112.80
1978	73.10	88.37	110.41	81.19	93.74	112.27
1979	73.47	88.77	110.94	81.53	94.21	113.39
1980	73.47	88.52	110.38	81.29	93.86	112.62
1981	73.82	88.85	110.93	81.57	94.20	113.04
1982	74.19	89.24	111.75	81.78	94.65	113.98
1983	74.23	88.97	111.10	81.67	94.36	113.30
1984	74.40	89.10	110.97	81.70	94.42	113.33
1985	74.44	89.02	110.65	81.72	94.31	112.89
1986	74.61	89.18	110.99	81.76	94.43	113.02
1987	74.80	89.33	111.54	81.87	94.49	113.31
1988	74.82	89.20	109.80	81.87	94.29	112.55
1989	75.15	89.61	110.56	82.10	94.62	112.90
1990	75.41	89.81	110.64	82.31	94.83	113.27
1991	75.61	89.96	110.98	82.44	94.97	113.54
1992	75.78	90.12	110.84	82.54	95.13	113.83
1993	75.66	89.85	110.45	82.32	94.72	112.97
1994	75.96	90.05	110.29	82.41	94.79	113.03
1995	76.10	90.11	110.11	82.42	94.71	112.89
1996	76.42	90.27	110.06	82.49	94.72	112.85
1997	76.78	90.40	109.95	82.61	94.72	112.69
1998	77.01	90.54	109.99	82.63	94.66	112.61
1999	77.15	90.49	109.77	82.56	94.42	111.98
2000	77.23	90.60	110.05	82.69	94.63	112.46
2001	77.38	90.66	109.98	82.73	94.63	112.39
2002	77.52	90.72	109.93	82.76	94.63	112.32
2003	77.66	90.78	109.91	82.80	94.65	112.28
2004	77.79	90.84	109.91	82.86	94.67	112.27

**Table 14 – Age for Selected Survival Rates, by Sex and Calendar Year**

Sex and Survival Rate						
Calendar Year	Male			Female		
	0.5	0.1	0.00001	0.5	0.1	0.00001
2005	77.91	90.91	109.93	82.92	94.71	112.29
2006	78.03	90.98	109.96	82.99	94.75	112.33
2007	78.15	91.06	110.00	83.07	94.80	112.39
2008	78.27	91.14	110.09	83.14	94.85	112.46
2009	78.38	91.23	110.20	83.22	94.91	112.54
2010	78.49	91.31	110.31	83.31	94.97	112.61
2011	78.60	91.39	110.41	83.39	95.04	112.69
2012	78.71	91.48	110.52	83.48	95.11	112.77
2013	78.82	91.56	110.62	83.57	95.18	112.84
2014	78.93	91.64	110.71	83.66	95.26	112.91
2015	79.04	91.72	110.80	83.75	95.33	112.97
2016	79.15	91.80	110.89	83.84	95.41	113.09
2017	79.25	91.88	110.97	83.94	95.48	113.23
2018	79.35	91.96	111.09	84.03	95.55	113.36
2019	79.46	92.04	111.24	84.12	95.63	113.47
2020	79.56	92.13	111.38	84.20	95.70	113.58
2021	79.66	92.22	111.50	84.29	95.77	113.68
2022	79.77	92.30	111.61	84.38	95.84	113.77
2023	79.87	92.39	111.72	84.47	95.91	113.85
2024	79.97	92.47	111.81	84.56	95.98	113.93
2025	80.07	92.55	111.90	84.64	96.06	114.00
2026	80.17	92.63	111.98	84.73	96.14	114.14
2027	80.27	92.71	112.12	84.82	96.21	114.28
2028	80.37	92.79	112.27	84.90	96.29	114.41
2029	80.47	92.86	112.40	84.99	96.36	114.52
2030	80.56	92.94	112.52	85.07	96.44	114.63
2031	80.66	93.01	112.64	85.15	96.51	114.72
2032	80.76	93.10	112.74	85.23	96.58	114.81
2033	80.85	93.18	112.83	85.31	96.65	114.88
2034	80.95	93.26	112.92	85.39	96.72	114.96
2035	81.05	93.34	112.99	85.47	96.79	115.05
2036	81.14	93.42	113.14	85.55	96.86	115.19
2037	81.23	93.50	113.28	85.63	96.93	115.32
2038	81.32	93.57	113.41	85.71	96.99	115.44
2039	81.42	93.65	113.53	85.78	97.07	115.55

**Table 14 – Age for Selected Survival Rates, by Sex and Calendar Year**

Sex and Survival Rate						
Calendar Year	Male			Female		
	0.5	0.1	0.00001	0.5	0.1	0.00001
2040	81.51	93.72	113.64	85.86	97.14	115.65
2041	81.60	93.79	113.74	85.94	97.22	115.74
2042	81.69	93.86	113.83	86.01	97.29	115.82
2043	81.78	93.94	113.91	86.08	97.36	115.89
2044	81.87	94.01	113.99	86.15	97.43	115.96
2045	81.96	94.08	114.13	86.22	97.50	116.06
2046	82.05	94.16	114.26	86.29	97.57	116.20
2047	82.14	94.24	114.39	86.36	97.63	116.32
2048	82.22	94.31	114.51	86.43	97.70	116.44
2049	82.31	94.39	114.61	86.50	97.77	116.54
2050	82.39	94.46	114.71	86.57	97.83	116.63
2051	82.48	94.53	114.80	86.64	97.90	116.72
2052	82.56	94.60	114.88	86.71	97.96	116.80
2053	82.65	94.67	114.96	86.77	98.03	116.88
2054	82.73	94.74	115.07	86.84	98.10	116.94
2055	82.82	94.81	115.21	86.91	98.17	117.02
2056	82.90	94.88	115.34	86.97	98.24	117.15
2057	82.98	94.94	115.45	87.04	98.31	117.28
2058	83.06	95.01	115.56	87.10	98.37	117.39
2059	83.14	95.08	115.66	87.16	98.44	117.50
2060	83.22	95.16	115.75	87.23	98.51	117.59
2061	83.29	95.23	115.84	87.29	98.57	117.68
2062	83.37	95.30	115.91	87.35	98.64	117.76
2063	83.45	95.37	115.99	87.41	98.70	117.84
2064	83.52	95.44	116.12	87.47	98.76	117.91
2065	83.60	95.51	116.25	87.53	98.83	117.97
2066	83.68	95.58	116.37	87.59	98.89	118.07
2067	83.75	95.64	116.48	87.65	98.95	118.20
2068	83.83	95.71	116.58	87.71	99.01	118.31
2069	83.90	95.77	116.67	87.77	99.08	118.42
2070	83.98	95.84	116.76	87.83	99.15	118.52
2071	84.05	95.90	116.84	87.88	99.21	118.61
2072	84.12	95.96	116.92	87.94	99.28	118.69
2073	84.18	96.03	116.99	88.00	99.35	118.77
2074	84.25	96.10	117.11	88.06	99.41	118.84

**Table 14 – Age for Selected Survival Rates, by Sex and Calendar Year**

Sex and Survival Rate						
Calendar Year	Male			Female		
	0.5	0.1	0.00001	0.5	0.1	0.00001
2075	84.32	96.17	117.24	88.11	99.47	118.91
2076	84.39	96.23	117.36	88.17	99.54	118.97
2077	84.46	96.30	117.46	88.22	99.60	119.07
2078	84.52	96.37	117.56	88.28	99.66	119.19
2079	84.59	96.43	117.66	88.33	99.72	119.30
2080	84.66	96.50	117.74	88.38	99.78	119.41
2081	84.72	96.56	117.82	88.44	99.84	119.50
2082	84.79	96.63	117.90	88.49	99.90	119.59
2083	84.86	96.69	117.97	88.55	99.96	119.67
2084	84.92	96.75	118.07	88.60	100.02	119.75
2085	84.99	96.81	118.19	88.65	100.08	119.82
2086	85.05	96.87	118.31	88.70	100.15	119.89
2087	85.11	96.93	118.42	88.76	100.21	119.95
2088	85.17	96.99	118.52	88.81	100.28	120.02
2089	85.23	97.05	118.61	88.86	100.34	120.14
2090	85.29	97.12	118.69	88.91	100.40	120.25
2091	85.35	97.19	118.78	88.96	100.46	120.35
2092	85.41	97.25	118.85	89.01	100.52	120.45
2093	85.47	97.32	118.92	89.06	100.58	120.54
2094	85.52	97.38	118.99	89.11	100.64	120.62
2095	85.58	97.44	119.10	89.16	100.70	120.70
2096	85.64	97.50	119.22	89.21	100.76	120.77
2097	85.70	97.56	119.33	89.26	100.82	120.84
2098	85.76	97.62	119.43	89.31	100.87	120.90
2099	85.82	97.68	119.52	89.36	100.93	120.96
2100	85.87	97.74	119.61	89.41	100.98	121.04