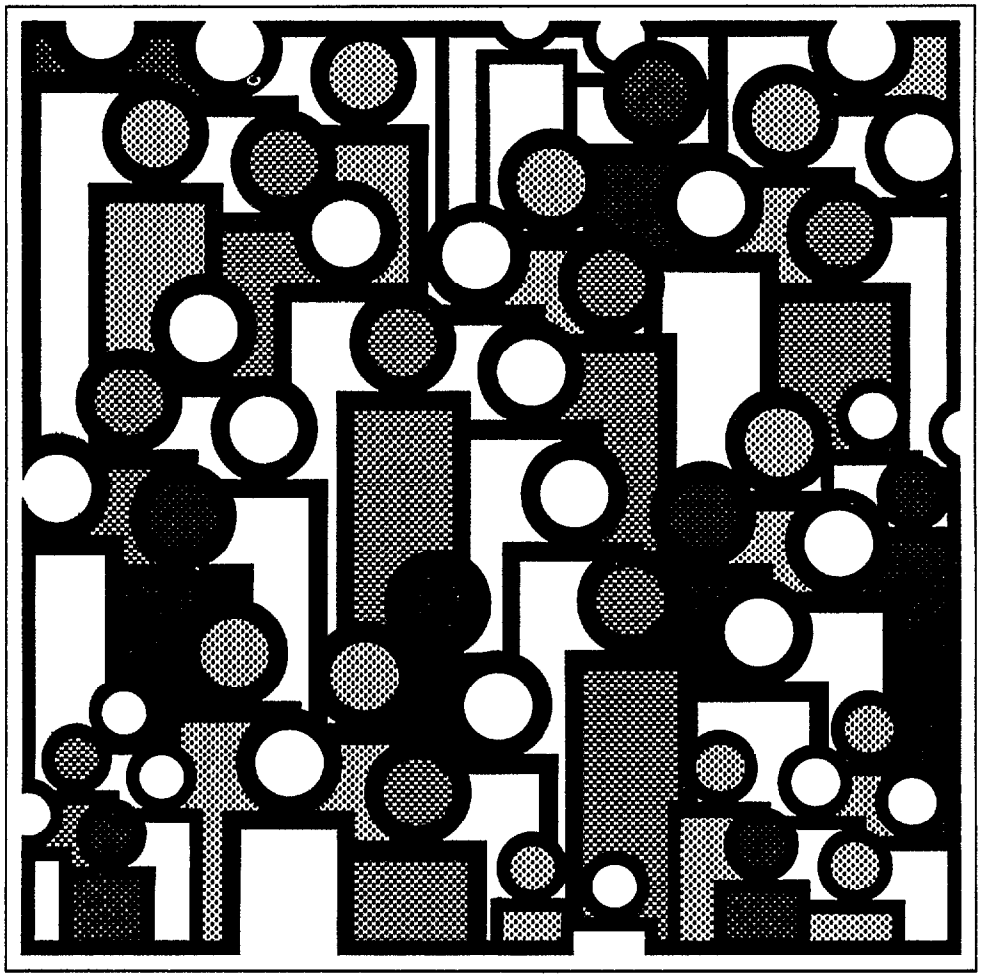
U.S. Decennial Life Tables for 1979-81

Volume I, Number 2
United States Life Tables Eliminating Certain Causes of Death



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Contents

Text tables

Detailed tables

Symbols

- - -	Data not available
. . .	Category not applicable
-	Quantity zero
0.0	Quantity more than zero but less than 0.05
Z	Quantity more than zero but less than 500 where numbers are rounded to thousands
*	Figure does not meet standard of reliability or precision (not published when fewer than 700 male or female deaths for any racial group were registered in 1979–81)

United States Life Tables Eliminating Certain Causes of Death, 1979–81

by Lester R. Curtin, Ph.D., and Robert J. Armstrong

Introduction

In this report, official life tables by cause of death are published for 1979–81. Multiple-decrement life table functions and cause-elimination life tables are presented. Separate life table values are presented for each of the seven categories: total population, white males, white females, males other than white, females other than white, black males, and black females.

The life table provides a method of summarizing the survivorship experience of a population. Life tables can be either cohort (generation) or cross-sectional (current). In a cohort life table, a single group of persons, most often defined by their year of birth, is followed throughout their lives and the survival experience of the group is recorded. For example, the group of people born in 1840 could be followed throughout their lives and a life table could be constructed to summarize their actual survival experience. The obvious disadvantage to a cohort life table is the long period of observation required to follow the cohort until extinction.

As an alternative, life tables can be constructed on a cross-sectional basis. In the cross-sectional life table, death rates for a current calendar year are translated into survival probabilities and a life table for a "synthetic" cohort is constructed. In this manner, the mortality rates for a specific period may be summarized by the life-table method to obtain measures of comparative longevity.

Thus, the proper interpretation is that the cross-sectional life table is a summary measure of current mortality rather than a projection of future mortality. The cross-sectional life table can be considered a projection only if the current age-specific mortality levels are assumed to remain unchanged in the future.

In addition to being cohort or cross-sectional, life tables can be either complete or abridged. For complete life tables, life table functions are computed and shown for each single year of age of the cohort or synthetic cohort. The advantage of complete life tables is that more age-specific detail is shown and the life table calculations are more accurate.

For abridged life tables, the data are aggregated into 5- or 10-year age intervals. The advantage of abridged life tables is that the information can be shown in less space; the loss of accuracy in computation is usually not a significant factor. In this report, life tables presented are cross-sectional abridged life tables. Further information on life tables can be found in standard demographic and actuarial textbooks (Chiang, 1973; Jordan, 1973; Keyfitz, 1968; and U.S. Bureau of the Census, 1973).

The life tables in this report are based on the 1980 Census of Population and the deaths of the 3-year period 1979–81. Preliminary adjustments to the data are described in an earlier report (NCHS, 1987). Cause-of-death life tables have also been published for 1969–71 and 1959–61. Values shown in the tables for 1979–81, 1969–71, and 1959–61 are based on data for the United States, defined as the 50 States and the District of Columbia. Although similar calculations were made with respect to the 1949–51 and 1939–41 decennial life tables, the results were given only limited distribution. Also, the life tables for 1949–51 and 1939–41 exclude Alaska and Hawaii. A few life table values for earlier periods are included in this report for trend comparisons.

Counts of deaths for each 3-year period by age, race, sex, and cause of death were compiled by the Division of Vital Statistics, National Center for Health Statistics (NCHS), and its predecessor agencies. As in the case of deaths for all causes, deaths for which age was not stated were distributed over the various age intervals in proportion to the numbers actually reported in the respective age intervals. All of the values published here conform to the results of the national tables and embody the adjustments and procedures used in the preparation of those tables.

For 1979–81 the causes of death were classified according to the Ninth Revision of the *International Classification of Diseases* (ICD) (World Health Organization, 1977) and combined into the categories listed in table A. The values for earlier periods shown in this report are based on the most nearly comparable categories for causes of death as used for earlier revisions of the *International Classification of Diseases*. In several tables, and in the text of this report, the exact titles for some cause-of-death categories have been abbreviated. For example, Malignant neoplasms is used instead of Malignant neoplasms, including neoplasms of lymphatic and hematopoietic tissues.

In table A the numbers shown are the ICD codes for the causes included in each category. The results of computations for the 15 leading cause-of-death categories are presented in the detailed tables (1–35). The ranking procedure for cause-of-death categories is explained in two NCHS publications (NCHS, 1987a, 1987b). Selected results for some cause-of-death categories appear in text tables B–E.

Table A. Cause-of-death list

Cause of death	
All causes	
Infectious and parasitic diseases	001–139
Tuberculosis	010–018
Septicemia	038
Malignant neoplasms, including neoplasms of lymphatic and hematopoietic tissues	140–208
Malignant neoplasms of lip, oral cavity, and pharynx	140–149
Malignant neoplasms of digestive organs and peritoneum	150–159
Malignant neoplasms of respiratory and intrathoracic organs	160–165
Malignant neoplasm of breast	174–175
Malignant neoplasms of genital organs	179–187
Malignant neoplasms of urinary organs	188–189
Malignant neoplasms of all other and unspecified sites	170–173, 190–199
Leukemia	204–208
Other malignant neoplasms of lymphatic and hematopoietic tissues	200–203
Benign neoplasms, carcinoma in situ, and neoplasms of uncertain behavior and of unspecified nature	210–239
Diabetes mellitus	250
Major cardiovascular diseases	390–448
Diseases of heart	390–398, 402, 404–429
Rheumatic fever and rheumatic heart disease	390–398
Hypertensive heart disease	402
Hypertensive heart and renal disease	404
Ischemic heart disease	410–414
Acute myocardial infarction	410
Hypertension with or without renal disease	401, 403
Cerebrovascular diseases	430–438
Atherosclerosis	440
Diseases of the respiratory system	460–519
Pneumonia and influenza	480–487
Chronic obstructive pulmonary diseases and allied conditions	490–496
Diseases of the digestive system	520–579
Ulcer of stomach and duodenum	531–533
Chronic liver disease and cirrhosis	571
Nephritis, nephrotic syndrome, and nephrosis	580–589
Congenital anomalies	740–759
Certain conditions originating in the perinatal period	760–779
Accidents and adverse effects	E800–E949
Motor vehicle accidents	E810–E825
All other accidents and adverse effects	E800–E807, E826–E949
Suicide	E950–E959
Homicide and legal intervention	E960–E978
All other causes	complement of 15 leading causes

NOTE: The 15 leading causes of death are italicized.

1979–81 cause-of-death life tables

This report contains five sets of detailed tables. Each of the five sets contains seven tables, one for each of the race-sex categories (total population, white males, white females, males other than white, females other than white, black males, and black females). This gives a total of 35 detailed tables showing multiple-decrement and cause-elimination life table functions.

It should be carefully noted that the tables in this report provide no guidance regarding the mortality among persons known to have a given disease or morbid condition, for example, mortality among persons with malignant neoplasms. Such information can be derived only from special studies of such groups of persons.

The elimination of a specified cause of death in these tables should not be interpreted as implying the elimination of the corresponding disease or injury. It is only the death from the specified cause that is assumed not to occur. Thus, if Tuberculosis were the eliminated cause, the table eliminating it would assume that tuberculosis as a disease would continue at the level prevailing in the 1979–81 period. However, every person who would otherwise die from tuberculosis is, for the purposes of the life table calculations, assumed to return to a normal (usual) state of health as of the moment in which he would have died. Any interactions between diseases in accelerating the death of a person are implicitly assumed to continue intact, including those pertaining to the eliminated cause.

It could be argued that, if calculations were made on the assumption that specified diseases or morbid conditions were eliminated, the resulting mortality rates would be lower than those in these tables, because under that assumption the specified disease or condition could not contribute to earlier deaths from other causes.

Also, it should be pointed out that the accuracy of the estimated gain in expectation decreases as the gain itself increases. For example, the estimated gain for elimination of Tuberculosis or Motor vehicle accidents may be regarded as reasonably accurate. However, the estimated gain from elimination of Malignant neoplasms or of Diseases of heart should be regarded as less accurate.

This difference in degree of accuracy is due principally to two factors. In general, the accuracy of the approximations used in the calculation varies with the postulated change in the death rates. The larger the assumed change, the smaller the accuracy of these approximations. In addition, most of the large gains in expectation of life are possible only at the older ages, and, as will be observed from the methodology described in this report and in the report on methodology (NCHS, 1987c) for the life table for all causes combined, the accuracy of the death rates and of the approximations used is less for the older ages than for the younger ages.

In this report, cause-elimination life tables are shown in tables 1–7. Values are shown for the number of life table deaths from a specified cause in tables 8–14 and for the probability of eventually dying from a specified cause in tables 15–21. The gains in life expectancy due to elimination of a specified cause of death are highlighted in tables 22–28. The standard errors shown in tables 29–35 correspond to those probabilities of dying and to those life expectancies given in tables 1–7. Each set of tables is discussed below.

Cause-elimination life tables

These abridged life tables present only some of the life table functions, and the values are given by 5-year age groups only. Because of significantly different mortality rates under 1 year of age, the age group 0–5 years is subdivided into the two age groups 0–1 year and 1–5 years.

Tables 1–7 contain, in the first panel of each table under the heading "Eliminating no cause," the abridged life tables based on the mortality rates for all causes combined. Life table values shown are values for which no cause has been eliminated, that is, an abridged life table in which all causes have been combined. These tables are given for comparison purposes. They correspond exactly to the life tables for the total United States that were published previously in this series (NCHS, 1986) by single years of age.

The remaining panels of tables 1–7 refer to cause-elimination life tables. The life table functions have similar interpretation, but in their case a specified cause of death is being eliminated. That is, in the preparation of the table it was assumed that deaths from the specified cause were impossible. In the text of this report, the superscript $-i$ in parentheses is used to denote life table functions based on the elimination of the ith cause of death. For example, $l_x^{(-i)}$ will denote the number of persons surviving to age x in the life table eliminating the ith cause of death. In the actual tables, the superscripts are not used, because there is no possibility of ambiguity. Each column of the abridged life table corresponds to a life table function and is described below.

Period of life between two exact ages stated in years (x *to* x + n)—The age interval shown is the interval between the two exact ages indicated. For instance, "20–25" means the 5-year interval between the 20th and the 25th birthdays.

Number living at beginning of age interval (l_x)—This column shows the basic function of a life table, that is, the survival function. This function shows the number of persons, when starting with a cohort of 100,000 live births, who will survive to the exact age marking the beginning of the indicated age interval. Thus the first panel of table 2 shows that out of 100,000 white male babies born alive, 98,769 will complete the first year of life and enter the second year, 97,525 will reach age 20 years, 18,538 will reach 85 years, and 404 will reach age 100 years. Panel 3 of table 2 shows that when Malignant neoplasms has been eliminated as a cause of death, 98,772 will complete the first year of life, 97,627 will reach age 20 years, 26,882 will reach age 85 years, and 856 will reach age 100 years.

Proportion of persons alive at beginning of age interval dying during interval ($_nq_x$)—This function is also known as the conditional probability of dying, that is, the probability of dying in the age interval (x, $x + n$) given survival to age x.

In tables 1–7, this function shows the proportion of the life table cohort alive at the beginning of the indicated age interval who will die before reaching the end of the age interval. For example, in the first panel of table 2 in the age interval 20–25 years, the proportion dying is 0.00932, or out of the 97,525 white males in the life table cohort reaching their 20th birthday, 909 will die before reaching their 25th birthday. The corresponding figures when Malignant neoplasms has been eliminated as a cause of death, in panel 3 of table 2, indicate that the proportion dying in the age interval 20–25 years is 0.00890, or out of 97,627 survivors to age 20 years, 869 will die before reaching exact age 25 years.

Stationary population in the age interval ($_nL_x$)—Suppose that a cohort of 100,000 persons is born each year and that the proportion dying in each cohort in the age intervals throughout the lives of the cohort members are exactly those shown in the $_nq_x$ column. If there were no migration, and if the births were evenly distributed over the year, the survivors of these births would constitute a stationary population; in such a population the number of persons living in any given age interval would never change. Thus a census taken at any time would always show the same total population and the same distribution among the various age intervals. The $_nL_x$ column shows the number of persons in the stationary population in the indicated age interval on any given date.

For example, the figure shown for white males in the age interval 20–25 years in the first panel of table 2 is 485,383. This means that in a stationary population of white males supported by 100,000 annual births, and with the proportions dying in each age interval always in accordance with the $_nq_x$ column, a census taken on any date would show 485,383 persons between exact ages 20 and 25 years. Similarly, panel 3 of table 2 indicates that if Malignant neoplasms was eliminated as a cause of death, the stationary population would show 485,992 persons age 20–25 years.

Average number of years of life remaining at beginning of age interval ($\mathring{e}_x$)—The average remaining lifetime, also called the expectation of life, at any given age is the average number of years remaining to be lived by those surviving to that age on the basis of a given set of age-specific rates of dying. To relate these figures to the preceding columns of the life table it is necessary to observe that the $_nL_x$ values of the life table can also be interpreted as a single life table cohort without introducing the concept of the stationary population. From this point of view, each $_nL_x$ represents the total number of years lived, between the two indicated birthdays, by all those reaching the earlier birthday among the survivors of a cohort of 100,000 live births. Thus, in the first panel of table 2 the figure 485,383 for white males in the age interval 20–25 years is the total number of years lived between the 20th and 25th birthdays by the 97,525 who reached their 20th birthday out of 100,000 white males born alive. This $_nL_x$ value is then added to the corresponding values for all subsequent age intervals to represent the total number of years lived after attaining age 20 years by the 97,525 reaching that age. This total number of years divided by the number of persons reaching the age of 20 years gives a quotient of 52.45 years, which is the average remaining lifetime of white males at age 20 years.

The expectation of life of white males, as shown in the first panel of table 2, is 70.82 years at birth and 25.26 years at age 50 years. The third panel of table 2 shows that elimination of Malignant neoplasms as a cause of death increases these values to 73.68 years at birth and 27.94 years at age 50 years. The gains in expectation of life for white males due to eliminating malignant neoplasms are then 2.86 years at birth and 2.68 years at age 50 years. These gains in expectation of life refer to the average gain in years as distributed over the entire life table cohort and are discussed more fully in a later section.

Life table deaths from specified causes

An abridged life table for all causes combined usually includes an $_nd_x$ column, showing the number of deaths between exact ages x and $x + n$. These are generally referred to as life table deaths because they represent the number of deaths that would be recorded among the survivors indicated by the life table if the mortality of the life table were applicable. The number of life table deaths is different, both in absolute and relative terms, from the number of deaths actually observed in the population. In essence, the life tables show the number of deaths that would be expected to occur between the two exact ages indicated in the cohort of 100,000 persons alive at birth that is assumed in the life table. The life table deaths can be viewed as the expected distribution by age at death of the initial 100,000 persons.

For the purposes of this report it is of interest to have not only the distribution of the cohort by age at death but also the distribution by cause of death. This information is shown in tables 8–14 for the seven race-sex categories: total population, white males, white females, all other males, all other females, black males, and black females. In these tables the initial group at age 0 years was taken as 10 million instead of the usual 100,000. The additional significant digits involved in this change are needed to improve the precision for those causes of death that produce relatively few life table deaths.

Probabilities of eventually dying

To facilitate the calculation of some probabilities that may be based on these tables, a column of survivors, number living

at beginning of age interval, is provided in tables 8–14. As an example of the computations that are possible, assume that one is interested in estimating the probability that a white male aged 20 years will die before reaching his 25th birthday from injuries resulting from a motor vehicle accident. This can be calculated from table 9 as the ratio of 37,558, the number of life table deaths at age 20–25 years due to motor vehicle accidents, to 9,752,500, the number of persons who survived to reach age 20 years. The probability is 0.00385 or about 385 deaths per 100,000 persons surviving to reach age 20 years.

If one desired a similar probability, but for death occurring between the 20th and 35th birthdays, the numerator of the ratio would be the sum of the life table deaths at ages 20–25, 25–30, and 30–35 years, or 37,558 + 25,792 + 18,924. The denominator in this case would still be 9,752,500, because both probabilities relate to those white males surviving to age 20 years, and the calculated probability is 0.00844 and is interpreted as the probability that a white male surviving to exact age 20 years will die from a motor vehicle accident before reaching his 35th birthday.

It will be noted that the following general formula could be used to calculate the probability that a person aged x will die from cause i between ages y and $y + s$:

$$ {}_{(y,\,y+s)}q_x^i = \frac{{}_s d_y^i}{l_x} $$

where q_x^i is the proportion of persons alive at beginning of the age interval dying during the interval from the ith cause, ${}_s d_y^i$ is the number of life table deaths from ith cause occurring between ages y and $y + s$, and l_x is the number of survivors to age x. One special case of this formula that is frequently calculated is the probability that a person aged x will eventually die from the ith cause. This probability is obtained by taking $y = x$ in the previous formula and at the same time allowing $y + s$ to be the uppermost age limit. Calculations for this case are presented in tables 15–21 for the seven race-sex groups previously mentioned. It will be noted from table 16 that the probability that a white male aged 20 years will eventually die from Diabetes mellitus is 0.01350; the probability that he will die from heart disease, as defined by the ICD rubric Diseases of heart, is 0.42196.

A comparison is made in table B of the probabilities at birth of eventually dying from the specified causes. By this measure, the principal cause of death is Diseases of heart and the second most important cause of death is Malignant neoplasms. Table B shows these probabilities for several race-sex groups, but care should be exercised in drawing conclusions from comparisons of these probabilities by sex or race. It is possible for two groups of persons to experience identical death rates for one specified cause and yet have different probabilities of eventually dying from that cause. These probabilities depend significantly on the mortality level from the remaining causes of death. Thus, they are an acceptable measure of the importance of each cause of death within a single group of persons, but they provide only a general guide with respect to comparisons between different groups.

The previous observation applies also to comparisons of the same group of persons at different periods in time. Further, it should be noted that the definitions of causes of death, as well as their interpretation by individual physicians, may change with the passage of time.

A comparison is made in table C for five time periods of the probability at birth of dying from the specified causes. While different revisions of the ICD were in effect during the different time periods, the data used are as nearly comparable as possible. The values shown in the table were calculated at the time of preparation of the corresponding decennial life tables for the United States, but virtually the same methodology was used in the calculations in all five periods. Data for black males and black females are not shown in table C because the 1979–81 life tables are the first decennial life tables for which cause-of-death life table values were calculated for the black population.

Table C shows some consistent trends for each of the race-sex groups. For the entire time span shown, the steadily increasing importance of Malignant neoplasms as a cause of death and the diminishing importance of Tuberculosis and Certain conditions originating in the perinatal period are evident from the table. Since the 1959–61 period, improvements are seen for Major cardiovascular diseases, and, since the 1969–71 period, improvements are seen for Motor vehicle accidents. Most of the other causes fail to show a consistent upward or downward trend for every race-sex category.

Gain in expectation of life

Another measure of the importance of the various causes of death is the gain in expectation of life that would be achieved if a specified cause of death were eliminated. As discussed previously, the assumption made in the calculations is that deaths resulting from a specified cause do not occur but corresponding diseases or conditions have not been eliminated.

The gain in expectation of life at age x due to the elimination of the ith cause of death is defined as the number of additional years that a person aged x would expect to live on the average if the ith cause of death were eliminated. Specifically, the values of gain in expectation of life shown in tables 22–28 are calculated as the excess of the life expectancy values in the remaining panels of tables 1–7 over the corresponding values in the first panel. For example, according to table 23 a white male aged 50 years would expect to add 5.79 years to his life if Diseases of heart were eliminated as a cause of death. This value is the difference between the life expectancy indicated in the first panel of table 2, 25.26 years, and the corresponding life expectancy indicated in the sixth panel, 31.05 years.

In table D, the gains in expectation of life at birth are shown for all of the 40 causes of death for which calculations were made. It should be observed that the gains are not additive, that is, the sum of the gains from two causes or more is not equal to the gain from eliminating the combination of those causes. For example, the gain in expectation of life due to the elimination of Accidents and adverse effects is greater than the sum of the gains due to the elimination of its components: Motor vehicle accidents and All other accidents. This can be seen as follows: If two causes were being eliminated jointly, it would be possible, if desired, to make the calculations in two

Table B. Probability at birth of eventually dying from specified causes by race and sex: United States, 1979–81

Cause of death	Total population	White males	White females	All other males	All other females	Black males	Black females
Infectious and parasitic diseases	0.00834	0.00739	0.00761	0.01481	0.01508	0.01474	0.01517
Tuberculosis	0.00094	0.00094	0.00046	0.00356	0.00199	0.00355	0.00189
Septicemia	0.00492	0.00413	0.00481	0.00774	0.00958	0.00781	0.00973
Malignant neoplasms, including neoplasms of lymphatic and hematopoietic tissues	0.19563	0.20950	0.18332	0.21345	0.16934	0.21465	0.17174
Malignant neoplasms of lip, oral cavity, and pharynx	0.00388	0.00469	0.00255	0.00715	0.00234	0.00740	0.00244
Malignant neoplasms of digestive organs and peritoneum	0.05447	0.05452	0.05386	0.05974	0.05488	0.05824	0.05440
Malignant neoplasms of respiratory and intrathoracic organs	0.04833	0.07129	0.02645	0.06930	0.02196	0.07148	0.02236
Malignant neoplasm of breast	0.01637	0.00023	0.03328	0.00026	0.02624	0.00028	0.02752
Malignant neoplasms of genital organs	0.02311	0.02371	0.02065	0.03523	0.02374	0.03535	0.02441
Malignant neoplasms of urinary organs	0.00889	0.01194	0.00649	0.00711	0.00565	0.00701	0.00565
Malignant neoplasms of all other and unspecified sites	0.02320	0.02413	0.02298	0.02085	0.02120	0.02120	0.02145
Leukemia	0.00757	0.00856	0.00717	0.00544	0.00508	0.00534	0.00517
Other malignant neoplasms of lymphatic and hematopoietic tissues	0.00981	0.01015	0.00989	0.00837	0.00825	0.00834	0.00834
Benign neoplasms, carcinoma in situ, and neoplasms of uncertain behavior and of unspecified nature	0.00292	0.00265	0.00321	0.00233	0.00346	0.00232	0.00349
Diabetes mellitus	0.01736	0.01319	0.01967	0.01669	0.03394	0.01630	0.03419
Major cardiovascular diseases	0.54491	0.51582	0.58875	0.43881	0.55349	0.43061	0.55029
Diseases of heart	0.41216	0.41198	0.42698	0.33158	0.39045	0.32605	0.38959
Rheumatic fever and rheumatic heart disease	0.00355	0.00242	0.00504	0.00148	0.00270	0.00143	0.00263
Hypertensive heart disease	0.01104	0.00706	0.01200	0.01940	0.02792	0.02030	0.02891
Hypertensive heart and renal disease	0.00214	0.00145	0.00246	0.00269	0.00464	0.00273	0.00477
Ischemic heart disease	0.30601	0.32194	0.31235	0.20566	0.23790	0.19857	0.23508
Acute myocardial infarction	0.15232	0.17955	0.13772	0.10457	0.10646	0.10194	0.10631
Hypertension with or without renal disease	0.00426	0.00334	0.00437	0.00619	0.00889	0.00631	0.00911
Cerebrovascular diseases	0.09836	0.07289	0.12257	0.08337	0.12776	0.08171	0.12593
Atherosclerosis	0.01984	0.01421	0.02681	0.01048	0.01923	0.00984	0.01856
Diseases of the respiratory system	0.06759	0.07919	0.05963	0.06052	0.04119	0.05810	0.03917
Pneumonia and influenza	0.03102	0.02869	0.03399	0.02862	0.02488	0.02707	0.02329
Chronic obstructive pulmonary diseases and allied conditions	0.02745	0.04004	0.01807	0.02079	0.00820	0.02015	0.00797
Diseases of the digestive system	0.03558	0.03549	0.03474	0.04193	0.03470	0.04251	0.03465
Ulcer of stomach and duodenum	0.00331	0.00342	0.00336	0.00292	0.00224	0.00278	0.00213
Chronic liver disease and cirrhosis	0.01228	0.01521	0.00832	0.02036	0.01138	0.02128	0.01170
Nephritis, nephrotic syndrome, and nephrosis	0.00905	0.00820	0.00825	0.01433	0.01691	0.01425	0.01699
Congenital anomalies	0.00415	0.00435	0.00400	0.00403	0.00387	0.00426	0.00399
Certain conditions originating in the perinatal period	0.00637	0.00604	0.00467	0.01134	0.00944	0.01291	0.01069
Accidents and adverse effects	0.03768	0.04832	0.02601	0.05620	0.02602	0.05663	0.02540
Motor vehicle accidents	0.01635	0.02367	0.00964	0.02194	0.00714	0.02157	0.00633
All other accidents and adverse effects	0.02133	0.02465	0.01638	0.03427	0.01888	0.03507	0.01907
Suicide	0.00944	0.01507	0.00510	0.00786	0.00228	0.00754	0.00187
Homicide and legal intervention	0.00723	0.00708	0.00236	0.03823	0.00839	0.04403	0.00934
All other causes	0.10703	0.10106	0.10504	0.13488	0.13829	0.13550	0.13899

stages, first computing the gain with respect to one of the component causes and then calculating the gain with respect to the second cause. In the calculations with respect to the additional gain from the second cause, it would be appropriate to assume that the first cause was already eliminated. This necessary assumption of prior elimination of the first cause increases the numerical value of the additional gain with respect to the second cause. This is because the number of survivors at each age in the life table is greater with the first cause eliminated than with all causes operating.

A more extreme example of this effect is as follows: Consider the All other causes category, the complement of the 15 leading causes of death. The gain from elimination of All other causes is not extremely large. It is much smaller, in fact, than the gain from elimination of Diseases of heart. The list of the 15 leading causes of death combined with All other causes constitutes all causes of death, and the sum of all the gains from eliminating each group of causes would not be excessively large—certainly much less than 100 years. Yet it is clear that if all causes of death were eliminated, people would become immortal and the gain in expectation of life would be infinite.

Table D suggests that for the overall population, future increases in life expectancy, if any, will have to come mainly from reduction in mortality from Diseases of heart and from Malignant neoplasms. This is due to the large numbers of deaths associated with these two causes; these two leading causes of death account for nearly two of every three deaths in the United States. The elimination of the other causes of death shown do not seem to have as great an impact on life expectancy for the overall population, again due to the smaller number of deaths associated with each cause.

Because the overall gains in life expectancy are sensitive to the number of deaths associated with each cause, it is instructive to examine the gains in life expectancy for those who would have died had the cause not been eliminated. Such

Table C. Probability at birth of eventually dying from specified causes by race and sex: United States, 1939–41, 1949–51, 1959–61, 1969–71, and 1979–81

Cause of death	*1939–41*	*1949–51*	*1959–61*	*1969–71*	*1979–81*
			White male		
Tuberculosis	0.03126	0.02010	0.00679	0.00271	0.00094
Malignant neoplasms, including neoplasms of lymphatic and hematopoietic tissues	0.10780	0.13589	0.15256	0.16943	0.20950
Diabetes mellitus	0.01847	0.01218	0.01267	0.01473	0.01319
Major cardiovascular diseases	0.51016	0.58516	0.59370	0.56463	0.51582
Pneumonia and influenza	---	0.02859	0.03240	0.03205	0.02869
Chronic liver disease and cirrhosis	---	---	0.01284	0.01659	0.01521
Certain conditions originating in the perinatal period	0.02402	---	0.01632	0.01191	0.00604
Motor vehicle accidents	0.02836	0.02487	0.02372	0.02750	0.02367
All other accidents and adverse effects	0.04485	0.03877	0.03053	0.02987	0.02465
Suicide	0.01641	---	0.01431	0.01413	0.01507
Homicide and legal intervention	---	---	0.00266	0.00497	0.00708
			White female		
Tuberculosis	0.02117	0.00961	0.00270	0.00120	0.00046
Malignant neoplasms, including neoplasms of lymphatic and hematopoietic tissues	0.13542	0.15452	0.15457	0.15924	0.18332
Diabetes mellitus	0.03693	0.02427	0.02261	0.02444	0.01967
Major cardiovascular diseases	0.53174	0.61392	0.64469	0.63217	0.58875
Pneumonia and influenza	---	0.03041	0.03391	0.03500	0.03399
Chronic liver disease and cirrhosis	---	---	0.00703	0.00905	0.00832
Certain conditions originating in the perinatal period	0.01808	---	0.01192	0.00869	0.00467
Motor vehicle accidents	0.00974	0.00868	0.00921	0.01185	0.00964
All other accidents and adverse effects	0.03937	0.03485	0.02488	0.02143	0.01638
Suicide	0.00524	---	0.00452	0.00600	0.00510
Homicide and legal intervention	---	---	0.00114	0.00169	0.00236
			Males of all other races		
Tuberculosis	0.07574	0.05247	0.01621	0.00809	0.00356
Malignant neoplasms, including neoplasms of lymphatic and hematopoietic tissues	0.04716	0.09182	0.13128	0.15352	0.21345
Diabetes mellitus	0.00833	0.00850	0.01258	0.01675	0.01669
Major cardiovascular diseases	0.41031	0.50495	0.52072	0.47171	0.43881
Pneumonia and influenza	---	0.04544	0.04761	0.04042	0.02862
Chronic liver disease and cirrhosis	---	---	0.01032	0.02055	0.02036
Certain conditions originating in the perinatal period	0.03103	---	0.02686	0.01898	0.01134
Motor vehicle accidents	0.02362	0.02506	0.02495	0.03176	0.02194
All other accidents and adverse effects	0.04226	0.04294	0.04024	0.04261	0.04327
Suicide	0.00395	---	0.00600	0.00645	0.00784
Homicide and legal intervention	---	---	0.02522	0.04527	0.03823
			Females of all other races		
Tuberculosis	0.06258	0.03342	0.00793	0.00388	0.00199
Malignant neoplasms, including neoplasms of lymphatic and hematopoietic tissues	0.07573	0.10757	0.12375	0.13477	0.16934
Diabetes mellitus	0.02000	0.01916	0.02707	0.03660	0.03394
Major cardiovascular diseases	0.46176	0.57901	0.61152	0.59287	0.55349
Pneumonia and influenza	---	0.04403	0.03980	0.03455	0.02488
Chronic liver disease and cirrhosis	---	---	0.00699	0.01313	0.01138
Certain conditions originating in the perinatal period	0.02489	---	0.02140	0.01487	0.00944
Motor vehicle accidents	0.00619	0.00725	0.00753	0.01056	0.00714
All other accidents and adverse effects	0.02194	0.02452	0.02336	0.02158	0.01888
Suicide	0.00111	---	0.00164	0.00241	0.00228
Homicide and legal intervention	---	---	0.00670	0.00940	0.00839

values are shown in detail in tables 22–28 for selected causes of death. Such values are also summarized in table E for all 40 causes of death.

These values are more sensitive to the average age at death for the cause of death. Causes that occur mainly in the first year of life, for example, Certain conditions originating in the perinatal period and Congenital anomalies, show large gains because a life saved in infancy could expect many more years of life remaining than a life saved at age 85 years. Similarly, external causes of death, such as Suicide and Homicide and legal intervention, typically will show a larger gain than chronic diseases, such as Atherosclerosis.

Standard errors of life table functions

Standard errors are shown in tables 29–35 for certain cause-elimination life table values shown in tables 1–7. Specifically, standard errors are shown for the age-specific probabilities of dying and for the life expectancy by age.

Table D. Gain in expectation of life at birth due to eliminating specified cause of death by race and sex: United States, 1979–81

Cause of death	Total population	White males	White females	All other males	All other females	Black males	Black females
Infectious and parasitic diseases	0.13	0.10	0.11	0.24	0.25	0.24	0.25
Tuberculosis	0.01	0.01	0.01	0.06	0.03	0.06	0.03
Septicemia	0.06	0.04	0.05	0.10	0.12	0.10	0.13
Malignant neoplasms, including neoplasms of lymphatic and hematopoietic tissues	3.00	2.86	2.98	3.20	2.91	3.22	2.97
Malignant neoplasms of lip, oral cavity, and pharynx	0.06	0.06	0.04	0.12	0.04	0.12	0.05
Malignant neoplasms of digestive organs and peritoneum	0.69	0.63	0.67	0.79	0.77	0.77	0.76
Malignant neoplasms of respiratory and intrathoracic organs	0.75	0.95	0.46	1.02	0.39	1.04	0.40
Malignant neoplasm of breast	0.26	0.00	0.59	0.00	0.48	0.00	0.51
Malignant neoplasms of genital organs	0.28	0.20	0.34	0.32	0.40	0.32	0.41
Malignant neoplasms of urinary organs	0.10	0.12	0.08	0.09	0.08	0.08	0.07
Malignant neoplasms of all other and unspecified sites	0.36	0.36	0.36	0.31	0.34	0.31	0.34
Leukemia	0.12	0.12	0.12	0.09	0.09	0.09	0.09
Other malignant neoplasms of lymphatic and hematopoietic tissues	0.14	0.14	0.15	0.12	0.13	0.12	0.13
Benign neoplasms, carcinoma in situ, and neoplasms of uncertain behavior and of unspecified nature	0.04	0.03	0.05	0.04	0.06	0.04	0.06
Diabetes mellitus	0.20	0.15	0.23	0.22	0.46	0.22	0.47
Major cardiovascular diseases	9.78	8.54	10.20	8.03	11.40	8.01	11.62
Diseases of heart	5.79	5.83	5.31	5.20	6.03	5.18	6.15
Rheumatic fever and rheumatic heart disease	0.05	0.03	0.07	0.03	0.05	0.03	0.05
Hypertensive heart disease	0.12	0.08	0.11	0.27	0.36	0.28	0.38
Hypertensive heart and renal disease	0.01	0.01	0.02	0.03	0.05	0.03	0.05
Ischemic heart disease	3.80	4.15	3.35	2.77	3.02	2.69	3.03
Acute myocardial infarction	1.89	2.26	1.48	1.38	1.33	1.34	1.35
Hypertension with or without renal disease	0.04	0.02	0.04	0.08	0.11	0.08	0.12
Cerebrovascular diseases	0.91	0.63	1.07	0.97	1.49	0.97	1.50
Atherosclerosis	0.12	0.08	0.15	0.08	0.14	0.07	0.14
Diseases of the respiratory system	0.74	0.79	0.61	0.83	0.58	0.82	0.59
Pneumonia and influenza	0.28	0.24	0.27	0.38	0.30	0.38	0.30
Chronic obstructive pulmonary diseases and allied conditions	0.32	0.39	0.23	0.25	0.13	0.25	0.13
Diseases of the digestive system	0.53	0.51	0.46	0.78	0.64	0.80	0.65
Ulcer of stomach and duodenum	0.03	0.03	0.03	0.04	0.03	0.04	0.03
Chronic liver disease and cirrhosis	0.26	0.28	0.18	0.45	0.29	0.46	0.30
Nephritis, nephrotic syndrome, and nephrosis	0.10	0.07	0.08	0.17	0.21	0.17	0.22
Congenital anomalies	0.25	0.25	0.25	0.22	0.24	0.23	0.24
Certain conditions originating in the perinatal period	0.47	0.43	0.37	0.76	0.71	0.84	0.79
Accidents and adverse effects	1.14	1.52	0.66	1.58	0.67	1.57	0.65
Motor vehicle accidents	0.62	0.87	0.37	0.68	0.26	0.65	0.23
All other accidents and adverse effects	0.50	0.63	0.28	0.88	0.41	0.90	0.42
Suicide	0.28	0.42	0.17	0.24	0.08	0.22	0.06
Homicide and legal intervention	0.28	0.25	0.09	1.28	0.33	1.44	0.36
All other causes	1.61	1.45	1.41	2.47	2.41	2.54	2.50

For these life table functions, the tables indicate that there is variation by age in the standard errors but not much variation by cause of death. This is because the magnitude of the standard errors of a life table function is directly related to the number of deaths on which the life table is based. For cause-elimination life table functions, the standard errors are directly related to the number of deaths from all causes other than that cause being eliminated. Clearly, there should be substantial cause-specific variation in the standard errors only for those causes of death with large numbers of deaths, such as Diseases of heart and Malignant neoplasms.

These standard errors reflect only stochastic variation and not any other source of error. This will be more fully discussed in the Methodology section.

Table E. Gain in expectation of life at birth due to eliminating specified cause of death by race and sex, for those who would have died: United States, 1979–81

Cause of death	*Total population*	*White males*	*White females*	*All other males*	*All other females*	*Black males*	*Black females*
Infectious and parasitic diseases	15.46	14.27	14.23	16.09	16.42	16.44	16.74
Tuberculosis	14.69	11.27	12.33	15.17	16.53	15.78	17.07
Septicemia	12.01	11.38	11.04	13.27	12.94	13.36	13.26
Malignant neoplasms, including neoplasms of lymphatic and hematopoietic tissues	15.36	13.67	16.27	14.97	17.20	14.99	17.30
Malignant neoplasms of lip, oral cavity, and pharynx	15.47	13.44	14.77	16.88	18.51	16.75	18.89
Malignant neoplasms of digestive organs and peritoneum	12.63	11.68	12.47	13.27	14.04	13.23	14.06
Malignant neoplasms of respiratory and intrathoracic organs	15.49	13.35	17.23	14.73	17.73	14.62	17.89
Malignant neoplasm of breast	16.02	8.92	17.65	10.29	18.48	10.07	18.44
Malignant neoplasms of genital organs	12.16	8.41	16.31	9.16	16.89	9.14	16.83
Malignant neoplasms of urinary organs	11.97	10.74	11.78	12.31	13.40	12.19	13.42
Malignant neoplasms of all other and unspecified sites	15.70	14.97	15.88	14.85	15.86	14.83	15.99
Leukemia	16.03	14.88	16.37	16.73	18.27	16.56	18.34
Other malignant neoplasms of lymphatic and hematopoietic tissues	14.87	14.12	14.71	14.28	15.47	14.29	15.48
Benign neoplasms, carcinoma in situ, and neoplasms of uncertain behavior and of unspecified nature	14.66	13.46	14.60	15.06	17.03	15.56	17.06
Diabetes mellitus	11.88	11.31	11.51	13.24	13.55	13.36	13.67
Major cardiovascular diseases	17.96	16.57	17.33	18.30	20.59	18.61	21.12
Diseases of heart	14.06	14.16	12.43	15.69	15.45	15.90	15.80
Rheumatic fever and rheumatic heart disease	14.58	13.89	14.84	19.34	20.15	18.66	19.71
Hypertensive heart disease	11.02	11.11	9.17	13.85	13.04	13.88	13.25
Hypertensive heart and renal disease	7.80	7.02	7.09	10.80	11.33	10.92	11.69
Ischemic heart disease	12.44	12.90	10.74	13.44	12.68	13.54	12.91
Acute myocardial infarction	12.43	12.59	10.74	13.14	12.50	13.20	12.69
Hypertension with or without renal disease	9.56	8.15	8.30	12.26	12.59	12.42	12.81
Cerebrovascular diseases	9.23	8.74	8.74	11.66	11.68	11.87	11.91
Atherosclerosis	6.09	6.12	5.71	7.47	7.43	7.60	7.52
Diseases of the respiratory system	10.95	9.97	10.19	13.63	14.21	14.19	15.03
Pneumonia and influenza	9.06	8.57	7.91	13.22	12.24	13.96	13.00
Chronic obstructive pulmonary diseases and allied conditions	11.69	9.88	12.90	12.06	16.12	12.29	16.82
Diseases of the digestive system	15.06	14.60	13.15	18.64	18.44	18.81	18.70
Ulcer of stomach and duodenum	10.39	9.84	9.49	13.86	12.17	14.49	12.66
Chronic liver disease and cirrhosis	21.04	18.36	21.08	21.82	25.81	21.48	25.68
Nephritis, nephrotic syndrome, and nephrosis	10.86	9.49	9.99	11.87	12.73	12.11	12.89
Congenital anomalies	60.32	58.60	62.76	55.38	61.16	54.23	61.11
Certain conditions originating in the perinatal period	74.28	71.18	78.76	66.47	74.92	64.99	73.72
Accidents and adverse effects	30.26	31.49	25.19	28.12	25.78	27.77	25.73
Motor vehicle accidents	38.31	37.09	38.88	31.13	36.77	30.26	36.30
All other accidents and adverse effects	23.78	25.64	17.00	25.72	21.48	25.76	22.16
Suicide	30.42	27.85	32.79	30.19	34.03	29.60	34.79
Homicide and legal intervention	39.17	35.90	39.97	33.51	39.40	32.81	39.07
All other causes	15.08	14.39	13.41	18.30	17.46	18.78	18.02

Methodology

The methods used to calculate the values presented in this report are very closely related to those used in the construction of the 1979–81 life tables for all causes combined. The methodology of the 1979–81 life tables has been described in another report of this series (NCHS, 1987c). Only certain details that directly concern the calculation of the life table values by cause of death will be referred to here.

Standard life table functions

Although a published life table shows several functions, the life table functions are actually related to one unique function, namely, the survival function. The survival function is usually denoted l_x and represents the number of survivors at exact age x for the life table cohort. Other life table functions include the conditional probabilities of dying, the number of life table deaths, the stationary population (number of years lived) in an age interval, the cumulative stationary population (total years lived), and the life expectancy. All these life table functions are determined, directly or indirectly, from the survival function.

The survival function is usually not directly estimated from observed mortality data. Rather, the probabilities of dying in an age interval are estimated from the mortality data as described in the report on methodology (NCHS, 1987c). For abridged life tables, in n-year age intervals, the conditional probability of dying in the age interval $(x, x+n)$, given survival to age x, is denoted ${}_nq_x$ and is given by

$$ {}_nq_x = 1 - {}_np_x $$

where ${}_np_x$ is the conditional probability of surviving from age x to age $x+n$, given survival to age x. The survival function is then given in terms of the conditional survival probabilities by

$$ l_{x+n} = {}_np_x \cdot l_x $$

Furthermore, the number of life table deaths in the age interval $(x, x+n)$ is given by

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

Once the probabilities of dying have been estimated from the observed mortality data, the above relationships can be used to determine the survival function and the number of age-specific life table deaths.

Calculation of the remaining life table functions requires an underlying assumption that the survival function is actually a continuous function by age. The number of person years lived in the age interval $(x, x+n)$ by the l_x persons surviving to the beginning of the age interval is then given by the integral

$$ {}_nL_x = \int_x^{x+n} l_y \, dy $$

The integral is approximated by various methods for abridged life tables. For single-year-of-age data, a close approximation is

$$ L_x = l_x - \frac{1}{2} d_x $$

The cumulative person-years lived at ages x and over by those l_x surviving to age x is given by

$$ T_x = \int_x^{\omega} l(y) \, dy $$

$$ = \sum_{y=x}^{\omega} L_y $$

where ω is the uppermost age limit. The life expectancy at age x is then

$$ \mathring{e}_x = \frac{T_x}{l_x} $$

Number of life table deaths by cause

The numbers of life table deaths ${}_nd_x^i$ for different causes were calculated by means of the approximation

$$ {}_nd_x^i = {}_nr_x^i \cdot {}_nd_x $$

where ${}_nr_x^i$ denotes the proportion of the deaths recorded during the 3-year period 1979–81 in the age interval x to $x+n$ attributable to the ith cause of death, ${}_nd_x$ is the number of deaths in the same age interval in the corresponding national life table, and ${}_nd_x^i$ is the desired estimate of the number of life table deaths between ages x and $x+n$ due to the ith cause.

This formula was applied to the age groups 0–1 year, 1–5 years, and by 5-year age intervals for ages 5–110 years. Because the data on recorded deaths by cause for ages 100 years

and over were not subdivided by age, the proportion of deaths due to the ith cause for the entire age group 100 years and over was used for both age intervals 100–105 and 105–110 years.

Probabilities of eventually dying by cause

The probability that an individual aged x will eventually die from the ith cause was calculated by the formula

$$\psi_x^i = {}_\infty q_x^i = \frac{l_x^i}{l_x}$$

where l_x is the number of survivors to age x in the life table for all causes of death combined and l_x^i is the aggregate number of life table deaths due to the ith cause at all ages x and over, that is,

$$l_x^i = \sum_{y=x}^{110} {}_n d_y^i$$

Hence, l_x^i is the sum of the ${}_n d_x^i$ values for all age intervals between age x and the end of the life table.

It may be noted that, because the ${}_n d_x^i$ values represent a distribution of the ${}_n d_x$ deaths by cause, the l_x^i values represent a distribution of the l_x survivors according to the cause of their eventual deaths. A special case, the probability at birth of eventually dying from cause i, is given by

$$\psi_0^i = \frac{l_0^i}{l_0}$$

Life tables eliminating specified causes of death

The first step in the calculation of life tables eliminating specified causes of death was the calculation of the probabilities of survival with the ith cause eliminated ${}_n p_x^{(-i)}$ where $n = 1$ for age interval 0–1, $n = 4$ for age interval 1–5, and $n = 5$ for $x = 5, 10, \ldots, 100, 105$ years. These were calculated by the exponential formula (Chiang, 1968; Greville, 1948, pp. 283–294)

$${}_n p_x^{(-i)} = {}_n p_x^{(1 - {}_n r_x^i)}$$

Again, ${}_n p_x = l_{x+n}/l_x$ was calculated from the corresponding life table for all causes combined. Values of $l_x^{(-i)}$ were calculated successively starting with

$$l_0^{(-i)} = 100{,}000$$

by the formula

$$l_{x+n}^{(-i)} = {}_n p_x^{(-i)} l_x^{(-i)} \qquad \text{for } x = 1, 5, 10, \ldots, 105$$

Similar to standard life tables, the 5-year age-specific probabilities of death actually shown in tables 1–7 were then calculated by the formula

$${}_n q_x^{(-i)} = 1 - {}_n p_x^{(-i)}$$

based on the age intervals used in the tables. This formula represents the probability that a person surviving to age x will die within n years if the ith cause of death is eliminated. This probability should not be confused with the multiple-decrement probability that a person aged x will die from any cause except the ith cause of death, which may be written as

$${}_n q_x^{-i} = \frac{l_x - l_{x+n} - {}_n d_x^i}{l_x}$$

For ages 0 and 1 and 5, 10, . . ., 105 years, the number of persons living in the stationary population in the age interval x to $x + n$ was estimated by the formula

$${}_n L_x^{(-i)} = (n - {}_n f_x) \cdot l_x^{(-i)} + {}_n f_x \cdot l_{x+n}^{(-i)}$$

with $n = 1$ for $x = 0$, $n = 4$ for $x = 1$, and $n = 5$ for $x = 5, 10, \ldots, 105$. Here the quantities ${}_n f_x$ were computed from the life table for all causes combined by the formula

$${}_n f_x = \frac{n l_x - {}_n L_x}{l_x - l_{x+n}}$$

The sole assumption made in deriving this approximation is that the average number of years lived by those who die within the age interval concerned, namely $n - {}_n f_x$, is the same in the life table eliminating the ith cause as in the life table for all causes combined.

In the calculation of the expectations of life, a value for $L_{110}^{(-i)}$, the stationary population at ages 110 years and over, was needed. This was estimated by the formula

$$L_{110}^{(-i)} = T_{110}^{(-i)} = \frac{\mathring{e}_{110} l_{110}^{(-i)}}{1 - {}_\infty r_{100}^i}$$

The values of $\mathring{e}_{110}$ by race and sex were given in table 7 of the report on methodology (NCHS, 1987c). This formula would be exactly correct if the force of mortality were constant at ages 110 years and over in the life table for all causes combined. Under the method of extrapolation used in the calculation of the national life tables (NCHS, 1987c), the force of mortality is, in fact, approaching a constant by age 110 years. Because of the cumulative nature of estimating life expectancy, any error in the estimate of $\mathring{e}_{100}^{(-i)}$ becomes much smaller as an error in the estimate of $\mathring{e}_{110}^{(-i)}$, the last age interval for which a value is published. With the value of $T_{110}^{(-i)}$ available, values of $T_x^{(-i)}$ for successively younger ages were calculated by

$$T_x^{(-i)} = T_{x+n}^{(-i)} + {}_n L_x^{(-i)}$$

Finally, the required values of $\mathring{e}_x^{(-i)}$ were obtained by

$$\mathring{e}_x^{(-i)} = \frac{T_x^{(-i)}}{l_x^{(-i)}}$$

The gain in expectation of life due to elimination of a specified cause of death was taken as the difference between the expectation in the life table eliminating this cause of death and the expectation at the same age in the life table for all causes combined. If the gain due to elimination of the ith cause is denoted by $g_x^{(-i)}$, then

$$g_x^{(-i)} = \mathring{e}_x^{(-i)} - \mathring{e}_x$$

For the gain in life expectancy for those who would have died from cause i,

$$\gamma_x^{(-i)} = \frac{\mathring{e}_x^{(-i)} - \mathring{e}_x}{\psi_x^i}$$

Standard errors of life table functions

In this report, the standard errors for certain life table functions are presented. Specifically, the standard errors for the probabilities of dying and for the life expectancies are shown for the cause-elimination life tables. It is important to consider that these standard errors reflect only stochastic variation and are based on an assumption that the age-specific deaths follow a binomial distribution. Stochastic variation is not the only source of error for life table functions; measurement error, such as age misstatements on death certificates or of the U.S. Bureau of the Census reports, also affect the reliability of the life table functions. Although the extent of measurement error on life table functions has not been quantified, it is generally thought that measurement errors could be larger than stochastic errors. Because the life tables for the United States are based on relatively large numbers of deaths, the standard errors presented are rather small.

For the U.S. complete life tables, all causes combined, and for ages less than 85 years, a binomial distribution assumption yields the following estimate for the variance of q_x:

$$S^2(q_x) = \frac{q_x^2(1-q_x)}{D_x^*}$$

where D_x^* is the age-specific number of deaths, smoothed by interpolation and adjusted for the number of deaths with age not stated (Curtin, 1985). For ages 85–109 years, medicare data were used to estimate the probabilities of dying. An empirical investigation, described elsewhere (NCHS, in preparation), led to estimates of $S^2(q_x)$ for these ages, as well as for $S(\mathring{e}_{110})$.

Similar concepts are used for the cause-elimination (abridged) life tables. Here the n subscript used for abridged life tables will be dropped. The variance of the probability of dying with cause i eliminated is given by (Chiang, 1968)

$$S^2(q_x^{(-i)}) = \frac{(1-q^{(-i)})^2}{D_x(1-q_x)} \cdot [(1-q_x)\ln(1-q_x^i)\ln(1-q_x^{(-i)}) + (q_x - Q_{xi})^2]$$

where

$$q_x^i = 1 - {}_np_x^{r_x^i}$$

and

$$Q_{xi} = r_x^i \cdot q_x$$

For any abridged life table, the variance for the life expectancy, given elimination of cause i, is (a slight modification of the formula due to Chiang (1968))

$$S^2(\mathring{e}_x) = \frac{l_{110}^2 \cdot S^2(\mathring{e}_{110})}{l_x^2} + \frac{\sum_{y=x}^{105} l_y^2 \cdot (\mathring{e}_{y+1} + n_x - {}_nf_x)^2 \cdot S^2(q_y)}{l_x^2}$$

For cause-elimination life tables, the same formula holds, but with the cause-elimination life table functions replacing the standard life table functions.

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TABLE 1. ABRIDGED LIFE TABLES FOR ALL CAUSES OF DEATH COMBINED AND ELIMINATING SPECIFIED CAUSES, FOR THE TOTAL POPULATION: UNITED STATES, 1979-81

(NUMBERS AFTER CAUSES OF DEATH ARE CATEGORY NUMBERS OF THE NINTH REVISION INTERNATIONAL CLASSIFICATION OF DISEASES, 1975)

PERIOD OF LIFE BETWEEN TWO EXACT AGES STATED IN YEARS	PROPORTION OF PERSONS ALIVE AT BEGINNING OF AGE INTERVAL DYING DURING INTERVAL	OF 100,000 BORN ALIVE		AVERAGE NUMBER OF YEARS OF LIFE REMAINING AT BEGINNING OF AGE INTERVAL	PROPORTION OF PERSONS ALIVE AT BEGINNING OF AGE INTERVAL DYING DURING INTERVAL	OF 100,000 BORN ALIVE		AVERAGE NUMBER OF YEARS OF LIFE REMAINING AT BEGINNING OF AGE INTERVAL
		NUMBER LIVING AT BEGINNING OF AGE INTERVAL	STATIONARY POPULATION IN AGE INTERVAL			NUMBER LIVING AT BEGINNING OF AGE INTERVAL	STATIONARY POPULATION IN AGE INTERVAL	
x to $x+n$	${}_nq_x$	l_x	${}_nL_x$	$\mathring{e}_x$	${}_nq_x$	l_x	${}_nL_x$	$\mathring{e}_x$
	ELIMINATING NO CAUSE				SEPTICEMIA (038)			
0-1	.01260	100,000	98,973	73.88	.01253	100,000	98,979	73.94
1-5	.00248	98,740	394,386	73.82	.00246	98,747	394,419	73.87
5-10	.00150	98,495	492,072	70.00	.00150	98,504	492,120	70.05
10-15	.00154	98,347	491,442	65.10	.00153	98,357	491,492	65.15
15-20	.00463	98,196	489,948	60.19	.00463	98,206	490,000	60.25
20-25	.00646	97,741	487,159	55.46	.00644	97,752	487,216	55.51
25-30	.00652	97,110	483,966	50.81	.00650	97,122	484,031	50.86
30-35	.00693	96,477	480,752	46.12	.00691	96,491	480,827	46.17
35-40	.00921	95,808	476,960	41.43	.00917	95,824	477,047	41.48
40-45	.01398	94,926	471,549	36.79	.01393	94,945	471,656	36.84
45-50	.02215	93,599	463,192	32.27	.02206	93,623	463,331	32.32
50-55	.03472	91,526	450,184	27.94	.03458	91,558	450,372	27.99
55-60	.05232	88,348	430,849	23.85	.05210	88,392	431,109	23.90
60-65	.07906	83,726	402,979	20.02	.07874	83,787	403,336	20.06
65-70	.11489	77,107	364,344	16.51	.11441	77,190	364,826	16.55
70-75	.16776	68,248	313,613	13.32	.16704	68,359	314,240	13.35
75-80	.23978	56,799	250,778	10.48	.23874	56,940	251,544	10.51
80-85	.35248	43,180	178,056	7.98	.35092	43,346	178,908	8.01
85-90	.49378	27,960	103,890	5.96	.49182	28,135	104,684	5.98
90-95	.64370	14,154	45,826	4.43	.64177	14,298	46,368	4.44
95-100	.77196	5,043	13,703	3.34	.77028	5,122	13,944	3.35
100 AND OVER	1.00000	1,150	2,709	2.73	1.00000	1,177	2,778	2.74
	MALIGNANT NEOPLASMS, INCLUDING NEOPLASMS OF LYMPHATIC AND HEMATOPOIETIC TISSUES (140-208)				MALIGNANT NEOPLASMS OF RESPIRATORY AND INTRATHORACIC ORGANS (160-165)			
0-1	.01257	100,000	98,975	76.88	.01260	100,000	98,973	74.63
1-5	.00230	98,743	394,440	76.86	.00248	98,740	394,386	74.58
5-10	.00127	98,516	492,237	73.03	.00150	98,495	492,072	70.76
10-15	.00134	98,390	491,694	68.12	.00153	98,347	491,442	65.86
15-20	.00438	98,258	490,315	63.21	.00463	98,196	489,948	60.96
20-25	.00612	97,828	487,672	58.48	.00645	97,741	487,161	56.23
25-30	.00602	97,229	484,681	53.82	.00650	97,111	483,976	51.58
30-35	.00608	96,644	481,785	49.13	.00687	96,480	480,782	46.90
35-40	.00755	96,056	478,570	44.42	.00896	95,817	477,059	42.20
40-45	.01068	95,331	474,291	39.73	.01322	94,958	471,876	37.56
45-50	.01587	94,313	468,097	35.13	.02030	93,703	464,108	33.03
50-55	.02366	92,816	458,935	30.66	.03116	91,801	452,304	28.66
55-60	.03531	90,620	445,560	26.34	.04671	88,941	434,917	24.49
60-65	.05450	87,420	425,835	22.20	.07098	84,787	409,705	20.57
65-70	.08232	82,656	397,005	18.33	.10476	78,769	374,106	16.93
70-75	.12758	75,852	355,906	14.74	.15682	70,517	325,901	13.61
75-80	.19462	66,174	299,458	11.52	.22975	59,459	263,976	10.66
80-85	.30528	53,295	226,020	8.68	.34468	45,798	189,739	8.08
85-90	.45070	37,025	141,721	6.40	.48850	30,012	111,926	6.00
90-95	.61158	20,338	67,637	4.67	.64075	15,351	49,826	4.45
95-100	.75169	7,900	21,941	3.47	.77052	5,515	15,010	3.35
100 AND OVER	1.00000	1,962	4,683	2.79	1.00000	1,266	2,985	2.73

TABLE 1. ABRIDGED LIFE TABLES FOR ALL CAUSES OF DEATH COMBINED AND ELIMINATING SPECIFIED CAUSES, FOR THE TOTAL POPULATION: UNITED STATES, 1979-81--CON.

(NUMBERS AFTER CAUSES OF DEATH ARE CATEGORY NUMBERS OF THE NINTH REVISION INTERNATIONAL CLASSIFICATION OF DISEASES, 1975)

PERIOD OF LIFE BETWEEN TWO EXACT AGES STATED IN YEARS	PROPORTION OF PERSONS ALIVE AT BEGINNING OF AGE INTERVAL DYING DURING INTERVAL	OF 100,000 BORN ALIVE		AVERAGE NUMBER OF YEARS OF LIFE REMAINING AT BEGINNING OF AGE INTERVAL	PROPORTION OF PERSONS ALIVE AT BEGINNING OF AGE INTERVAL DYING DURING INTERVAL	OF 100,000 BORN ALIVE		AVERAGE NUMBER OF YEARS OF LIFE REMAINING AT BEGINNING OF AGE INTERVAL
		NUMBER LIVING AT BEGINNING OF AGE INTERVAL	STATIONARY POPULATION IN AGE INTERVAL			NUMBER LIVING AT BEGINNING OF AGE INTERVAL	STATIONARY POPULATION IN AGE INTERVAL	
x to $x+n$	${}_nq_x$	l_x	${}_nL_x$	$\mathring{e}_x$	${}_nq_x$	l_x	${}_nL_x$	$\mathring{e}_x$
	DIABETES MELLITUS (250)				DISEASES OF HEART (390-398,402,404-429)			
0-1	.01260	100,000	98,973	74.08	.01239	100,000	98,990	79.67
1-5	.00248	98,740	394,386	74.03	.00239	98,761	394,491	79.67
5-10	.00150	98,495	492,072	70.21	.00146	98,525	492,233	75.86
10-15	.00153	98,347	491,444	65.31	.00149	98,381	491,622	70.96
15-20	.00462	98,197	489,955	60.40	.00454	98,235	490,163	66.07
20-25	.00643	97,743	487,174	55.67	.00629	97,789	487,438	61.35
25-30	.00646	97,114	483,999	51.02	.00623	97,174	484,354	56.73
30-35	.00684	96,486	480,819	46.33	.00636	96,568	481,339	52.07
35-40	.00906	95,826	477,083	41.63	.00781	95,953	477,996	47.38
40-45	.01376	94,958	471,755	36.99	.01078	95,203	473,633	42.74
45-50	.02181	93,651	463,521	32.47	.01580	94,177	467,437	38.17
50-55	.03416	91,608	450,709	28.13	.02363	92,689	458,314	33.74
55-60	.05137	88,479	431,685	24.03	.03408	90,499	445,228	29.49
60-65	.07752	83,934	404,284	20.19	.04993	87,415	426,754	25.44
65-70	.11260	77,427	366,281	16.67	.07116	83,050	401,113	21.64
70-75	.16449	68,709	316,273	13.45	.10173	77,140	366,762	18.10
75-80	.23541	57,407	254,074	10.59	.14316	69,292	322,265	14.86
80-85	.34718	43,893	181,574	8.06	.21000	59,372	265,859	11.91
85-90	.48825	28,654	106,881	6.01	.30028	46,904	197,887	9.41
90-95	.63915	14,664	47,659	4.46	.40424	32,820	127,778	7.42
95-100	.76876	5,291	14,428	3.36	.51493	19,553	67,990	5.91
100 AND OVER	1.00000	1,224	2,891	2.74	1.00000	9,484	29,923	5.02
	ISCHEMIC HEART DISEASE (410-414)				CEREBROVASCULAR DISEASES (430-438)			
0-1	.01259	100,000	98,974	77.68	.01256	100,000	98,976	74.79
1-5	.00248	98,741	394,390	77.67	.00247	98,744	394,404	74.73
5-10	.00150	98,496	492,077	73.86	.00149	98,500	492,100	70.92
10-15	.00153	98,348	491,447	68.97	.00152	98,353	491,474	66.02
15-20	.00463	98,197	489,955	64.07	.00460	98,203	489,990	61.11
20-25	.00643	97,743	487,174	59.35	.00639	97,751	487,224	56.38
25-30	.00644	97,114	484,006	54.72	.00642	97,126	484,068	51.73
30-35	.00667	96,489	480,873	50.06	.00677	96,502	480,916	47.05
35-40	.00836	95,845	477,336	45.38	.00889	95,849	477,236	42.35
40-45	.01180	95,044	472,617	40.74	.01341	94,997	472,027	37.71
45-50	.01757	93,923	465,792	36.19	.02118	93,723	464,016	33.18
50-55	.02658	92,273	455,620	31.79	.03323	91,738	451,546	28.84
55-60	.03869	89,821	440,914	27.59	.05001	88,689	432,995	24.74
60-65	.05703	86,345	420,082	23.59	.07512	84,254	406,305	20.91
65-70	.08168	81,421	391,198	19.86	.10804	77,925	369,486	17.39
70-75	.11766	74,771	352,625	16.39	.15500	69,506	321,532	14.18
75-80	.16760	65,973	302,897	13.24	.21746	58,732	262,509	11.31
80-85	.24862	54,916	240,632	10.39	.31516	45,960	193,784	8.74
85-90	.35831	41,263	167,859	7.99	.44199	31,475	121,189	6.61
90-95	.48366	26,478	97,330	6.11	.58531	17,563	59,671	4.94
95-100	.60901	13,672	43,739	4.72	.71810	7,283	20,949	3.72
100 AND OVER	1.00000	5,346	15,114	3.88	1.00000	2,053	5,101	3.00

TABLE 1. ABRIDGED LIFE TABLES FOR ALL CAUSES OF DEATH COMBINED AND ELIMINATING SPECIFIED CAUSES, FOR THE TOTAL POPULATION: UNITED STATES, 1979-81--CON.

(NUMBERS AFTER CAUSES OF DEATH ARE CATEGORY NUMBERS OF THE NINTH REVISION INTERNATIONAL CLASSIFICATION OF DISEASES, 1975)

PERIOD OF LIFE BETWEEN TWO EXACT AGES STATED IN YEARS	PROPORTION OF PERSONS ALIVE AT BEGINNING OF AGE INTERVAL DYING DURING INTERVAL	OF 100,000 BORN ALIVE		AVERAGE NUMBER OF YEARS OF LIFE REMAINING AT BEGINNING OF AGE INTERVAL	PROPORTION OF PERSONS ALIVE AT BEGINNING OF AGE INTERVAL DYING DURING INTERVAL	OF 100,000 BORN ALIVE		AVERAGE NUMBER OF YEARS OF LIFE REMAINING AT BEGINNING OF AGE INTERVAL
		NUMBER LIVING AT BEGINNING OF AGE INTERVAL	STATIONARY POPULATION IN AGE INTERVAL			NUMBER LIVING AT BEGINNING OF AGE INTERVAL	STATIONARY POPULATION IN AGE INTERVAL	
x to $x+n$	${}_nq_x$	l_x	${}_nL_x$	$\mathring{e}_x$	${}_nq_x$	l_x	${}_nL_x$	$\mathring{e}_x$
	ATHEROSCLEROSIS (440)				PNUEMONIA AND INFLUENZA (480-487)			
0-1	.01260	100,000	98,973	74.00	.01233	100,000	98,995	74.16
1-5	.00248	98,740	394,386	73.94	.00240	98,767	394,513	74.08
5-10	.00150	98,495	492,072	70.12	.00147	98,530	492,255	70.26
10-15	.00154	98,347	491,442	65.22	.00151	98,385	491,636	65.36
15-20	.00463	98,196	489,948	60.32	.00460	98,236	490,155	60.45
20-25	.00646	97,741	487,159	55.59	.00641	97,784	487,384	55.72
25-30	.00652	97,110	483,966	50.93	.00645	97,157	484,216	51.06
30-35	.00693	96,477	480,752	46.25	.00685	96,530	481,037	46.38
35-40	.00920	95,808	476,960	41.55	.00907	95,869	477,296	41.68
40-45	.01397	94,926	471,551	36.92	.01378	95,000	471,961	37.04
45-50	.02212	93,600	463,204	32.40	.02186	93,691	463,710	32.52
50-55	.03465	91,530	450,218	28.07	.03430	91,643	450,851	28.18
55-60	.05218	88,358	430,927	23.98	.05165	88,500	431,729	24.09
60-65	.07875	83,748	403,146	20.16	.07802	83,929	404,162	20.26
65-70	.11423	77,153	364,684	16.66	.11320	77,381	365,951	16.75
70-75	.16634	68,340	314,271	13.47	.16479	68,621	315,818	13.55
75-80	.23677	56,973	251,965	10.64	.23425	57,313	253,819	10.72
80-85	.34605	43,484	180,004	8.15	.34216	43,887	182,096	8.21
85-90	.48224	28,436	106,512	6.13	.47736	28,870	108,505	6.18
90-95	.62574	14,723	48,392	4.60	.62200	15,089	49,751	4.62
95-100	.74975	5,510	15,334	3.51	.74861	5,704	15,893	3.51
100 AND OVER	1.00000	1,379	3,359	2.90	1.00000	1,434	3,487	2.89
	CHRONIC OBSTRUCTIVE PULMONARY DISEASES AND ALLIED CONDITIONS (490-496)				CHRONIC LIVER DISEASE AND CIRRHOSIS (571)			
0-1	.01258	100,000	98,975	74.20	.01259	100,000	98,974	74.14
1-5	.00247	98,742	394,399	74.14	.00248	98,741	394,390	74.08
5-10	.00149	98,499	492,095	70.32	.00150	98,496	492,077	70.26
10-15	.00152	98,352	491,469	65.42	.00153	98,348	491,447	65.36
15-20	.00462	98,202	489,980	60.52	.00463	98,197	489,953	60.46
20-25	.00644	97,748	487,199	55.79	.00644	97,742	487,169	55.73
25-30	.00649	97,119	484,016	51.13	.00642	97,113	484,006	51.07
30-35	.00690	96,488	480,814	46.45	.00670	96,490	480,873	46.38
35-40	.00915	95,822	477,042	41.75	.00870	95,844	477,253	41.68
40-45	.01386	94,945	471,670	37.11	.01313	95,010	472,155	37.02
45-50	.02186	93,629	463,402	32.60	.02090	93,763	464,274	32.48
50-55	.03408	91,582	450,597	28.27	.03306	91,803	451,904	28.11
55-60	.05098	88,461	431,678	24.17	.05048	88,768	433,281	23.99
60-65	.07636	83,951	404,598	20.33	.07706	84,287	406,075	20.12
65-70	.11037	77,541	367,234	16.79	.11289	77,791	367,948	16.58
70-75	.16104	68,983	318,108	13.55	.16610	69,009	317,384	13.36
75-80	.23176	57,874	256,655	10.65	.23852	57,546	254,252	10.50
80-85	.34439	44,461	184,232	8.09	.35160	43,820	180,791	7.99
85-90	.48674	29,149	108,841	6.03	.49319	28,413	105,617	5.96
90-95	.63884	14,961	48,637	4.46	.64341	14,400	46,634	4.43
95-100	.76858	5,403	14,734	3.36	.77182	5,135	13,956	3.34
100 AND OVER	1.00000	1,250	2,952	2.74	1.00000	1,172	2,763	2.73

TABLE 1. ABRIDGED LIFE TABLES FOR ALL CAUSES OF DEATH COMBINED AND ELIMINATING SPECIFIED CAUSES, FOR THE TOTAL POPULATION: UNITED STATES, 1979–81--CON.

(NUMBERS AFTER CAUSES OF DEATH ARE CATEGORY NUMBERS OF THE NINTH REVISION INTERNATIONAL CLASSIFICATION OF DISEASES, 1975)

PERIOD OF LIFE BETWEEN TWO EXACT AGES STATED IN YEARS	PROPORTION OF PERSONS ALIVE AT BEGINNING OF AGE INTERVAL DYING DURING INTERVAL	OF 100,000 BORN ALIVE		AVERAGE NUMBER OF YEARS OF LIFE REMAINING AT BEGINNING OF AGE INTERVAL	[redacted]	OF 100,000 BORN ALIVE		AVERAGE NUMBER OF YEARS OF LIFE REMAINING AT BEGINNING OF AGE INTERVAL
		NUMBER LIVING AT BEGINNING OF AGE INTERVAL	STATIONARY POPULATION IN AGE INTERVAL			NUMBER LIVING AT BEGINNING OF AGE INTERVAL	STATIONARY POPULATION IN AGE INTERVAL	
x to $x+n$	${}_nq_x$	l_x	${}_nL_x$	$\mathring{e}_x$	${}_nq_x$	l_x	${}_nL_x$	$\mathring{e}_x$
	MOTOR VEHICLE ACCIDENTS (E810–E825)				ALL OTHER ACCIDENTS AND ADVERSE EFFECTS (E800–E807,E826–E949)			
0–1	.01254	100,000	98,978	74.50	.01236	100,000	98,993	74.38
1–5	.00213	98,746	394,492	74.45	.00183	98,764	394,632	74.31
5–10	.00111	98,536	492,380	70.60	.00115	98,583	492,605	70.45
10–15	.00114	98,426	491,913	65.68	.00117	98,469	492,122	65.53
15–20	.00259	98,314	490,992	60.75	.00395	98,354	490,890	60.60
20–25	.00418	98,059	489,293	55.90	.00554	97,966	488,500	55.83
25–30	.00489	97,650	487,056	51.12	.00563	97,423	485,741	51.13
30–35	.00569	97,173	484,515	46.36	.00614	96,874	482,920	46.40
35–40	.00814	96,620	481,246	41.61	.00841	96,280	479,492	41.67
40–45	.01299	95,834	476,282	36.93	.01313	95,471	474,446	37.00
45–50	.02124	94,590	468,295	32.38	.02122	94,218	466,458	32.46
50–55	.03385	92,581	455,562	28.03	.03368	92,219	453,818	28.10
55–60	.05147	89,447	436,386	23.92	.05124	89,113	434,806	23.99
60–65	.07825	84,843	408,517	20.07	.07782	84,547	407,176	20.14
65–70	.11408	78,204	369,681	16.55	.11347	77,967	368,673	16.62
70–75	.16684	69,283	318,523	13.35	.16590	69,120	317,930	13.41
75–80	.23873	57,724	255,008	10.50	.23712	57,653	254,921	10.57
80–85	.35148	43,943	181,312	7.99	.34851	43,982	181,797	8.06
85–90	.49302	28,498	105,945	5.96	.48819	28,654	106,884	6.02
90–95	.64330	14,448	46,795	4.43	.63741	14,665	47,732	4.48
95–100	.77176	5,154	14,007	3.34	.76600	5,317	14,541	3.38
100 AND OVER	1.00000	1,176	2,770	2.72	1.00000	1,244	2,947	2.75
	SUICIDE (E950–E959)				HOMICIDE AND LEGAL INTERVENTION (E960–E978)			
0–1	.01260	100,000	98,973	74.16	.01254	100,000	98,978	74.16
1–5	.00248	98,740	394,386	74.11	.00238	98,746	394,433	74.10
5–10	.00150	98,495	492,072	70.29	.00146	98,511	492,166	70.27
10–15	.00149	98,347	491,450	65.39	.00146	98,368	491,561	65.37
15–20	.00422	98,200	490,059	60.48	.00413	98,224	490,199	60.46
20–25	.00565	97,785	487,570	55.73	.00548	97,818	487,777	55.70
25–30	.00567	97,232	484,779	51.03	.00551	97,282	485,069	51.00
30–35	.00616	96,680	481,948	46.31	.00606	96,746	482,300	46.26
35–40	.00843	96,085	478,515	41.58	.00843	96,160	478,887	41.53
40–45	.01320	95,275	473,454	36.91	.01330	95,349	473,801	36.86
45–50	.02138	94,017	465,428	32.37	.02154	94,081	465,711	32.32
50–55	.03393	92,007	452,723	28.02	.03425	92,055	452,888	27.97
55–60	.05153	88,886	433,638	23.91	.05195	88,902	433,628	23.87
60–65	.07831	84,306	405,919	20.06	.07876	84,284	405,724	20.04
65–70	.11416	77,704	367,300	16.54	.11464	77,646	366,939	16.52
70–75	.16701	68,833	316,425	13.34	.16755	68,745	315,931	13.32
75–80	.23901	57,337	253,261	10.50	.23958	57,227	252,694	10.49
80–85	.35184	43,633	179,993	7.99	.35230	43,516	179,460	7.98
85–90	.49326	28,281	105,120	5.96	.49365	28,185	104,734	5.96
90–95	.64338	14,331	46,413	4.43	.64360	14,271	46,208	4.43
95–100	.77181	5,111	13,889	3.34	.77185	5,086	13,820	3.34
100 AND OVER	1.00000	1,166	2,748	2.73	1.00000	1,160	2,734	2.73

TABLE 2. ABRIDGED LIFE TABLES FOR ALL CAUSES OF DEATH COMBINED AND ELIMINATING SPECIFIED CAUSES, FOR WHITE MALES: UNITED STATES, 1979-81

(NUMBERS AFTER CAUSES OF DEATH ARE CATEGORY NUMBERS OF THE NINTH REVISION INTERNATIONAL CLASSIFICATION OF DISEASES, 1975)

PERIOD OF LIFE BETWEEN TWO EXACT AGES STATED IN YEARS	PROPORTION OF PERSONS ALIVE AT BEGINNING OF AGE INTERVAL DYING DURING INTERVAL	OF 100,000 BORN ALIVE		AVERAGE NUMBER OF YEARS OF LIFE REMAINING AT BEGINNING OF AGE INTERVAL	PROPORTION OF PERSONS ALIVE AT BEGINNING OF AGE INTERVAL DYING DURING INTERVAL	OF 100,000 BORN ALIVE		AVERAGE NUMBER OF YEARS OF LIFE REMAINING AT BEGINNING OF AGE INTERVAL
		NUMBER LIVING AT BEGINNING OF AGE INTERVAL	STATIONARY POPULATION IN AGE INTERVAL			NUMBER LIVING AT BEGINNING OF AGE INTERVAL	STATIONARY POPULATION IN AGE INTERVAL	
x to $x+n$	${}_nq_x$	l_x	${}_nL_x$	$\mathring{e}_x$	${}_nq_x$	l_x	${}_nL_x$	$\mathring{e}_x$
	ELIMINATING NO CAUSE				SEPTICEMIA (038)			
0-1	.01231	100,000	98,995	70.82	.01224	100,000	99,001	70.86
1-5	.00253	98,769	394,498	70.70	.00251	98,776	394,531	70.74
5-10	.00164	98,519	492,153	66.87	.00164	98,528	492,201	66.91
10-15	.00184	98,357	491,462	61.98	.00184	98,367	491,512	62.02
15-20	.00663	98,176	489,416	57.09	.00662	98,186	489,468	57.13
20-25	.00932	97,525	485,383	52.45	.00931	97,536	485,440	52.49
25-30	.00862	96,616	480,957	47.92	.00861	96,628	481,020	47.96
30-35	.00838	95,783	476,927	43.31	.00836	95,796	476,997	43.35
35-40	.01049	94,980	472,538	38.66	.01046	94,995	472,618	38.70
40-45	.01585	93,984	466,468	34.04	.01582	94,001	466,560	34.08
45-50	.02583	92,494	456,976	29.55	.02575	92,514	457,092	29.59
50-55	.04220	90,105	441,667	25.26	.04206	90,132	441,828	25.30
55-60	.06579	86,303	418,179	21.25	.06558	86,341	418,407	21.29
60-65	.10210	80,625	383,680	17.56	.10177	80,679	384,000	17.60
65-70	.15207	72,393	335,555	14.26	.15157	72,468	335,990	14.29
70-75	.22273	61,384	273,592	11.35	.22198	61,484	274,150	11.38
75-80	.31279	47,712	201,432	8.87	.31172	47,836	202,084	8.90
80-85	.43461	32,788	127,493	6.76	.43295	32,925	128,165	6.79
85-90	.57433	18,538	64,096	5.09	.57239	18,670	64,649	5.11
90-95	.71119	7,891	23,571	3.83	.70929	7,983	23,889	3.84
95-100	.82273	2,279	5,661	2.91	.82118	2,321	5,776	2.92
100 AND OVER	1.00000	404	870	2.41	1.00000	415	896	2.41
	MALIGNANT NEOPLASMS, INCLUDING NEOPLASMS OF LYMPHATIC AND HEMATOPOIETIC TISSUES (140-208)				MALIGNANT NEOPLASMS OF RESPIRATORY AND INTRATHORACIC ORGANS (160-165)			
0-1	.01228	100,000	98,997	73.68	.01231	100,000	98,995	71.77
1-5	.00232	98,772	394,559	73.59	.00253	98,769	394,498	71.66
5-10	.00137	98,543	492,347	69.76	.00164	98,519	492,153	67.84
10-15	.00162	98,408	491,756	64.85	.00184	98,357	491,462	62.95
15-20	.00633	98,249	489,846	59.95	.00663	98,176	489,418	58.06
20-25	.00890	97,627	485,992	55.32	.00931	97,526	485,390	53.43
25-30	.00807	96,758	481,800	50.79	.00860	96,618	480,972	48.90
30-35	.00761	95,977	478,078	46.18	.00831	95,787	476,964	44.31
35-40	.00911	95,247	474,177	41.52	.01020	94,991	472,657	39.66
40-45	.01305	94,379	469,043	36.88	.01495	94,022	466,855	35.04
45-50	.02007	93,148	461,442	32.33	.02353	92,617	458,074	30.53
50-55	.03115	91,279	449,769	27.94	.03739	90,438	444,310	26.20
55-60	.04746	88,435	432,317	23.75	.05786	87,056	423,449	22.11
60-65	.07368	84,238	406,531	19.80	.09002	82,019	392,655	18.31
65-70	.11204	78,032	369,186	16.16	.13593	74,636	348,843	14.86
70-75	.17102	69,289	317,558	12.88	.20401	64,491	290,382	11.79
75-80	.25330	57,439	250,997	10.00	.29445	51,334	219,067	9.15
80-85	.37323	42,889	173,504	7.54	.41988	36,219	142,198	6.92
85-90	.51871	26,882	96,961	5.58	.56447	21,011	73,203	5.17
90-95	.67087	12,938	40,122	4.11	.70607	9,151	27,468	3.86
95-100	.79900	4,258	10,886	3.05	.82056	2,690	6,701	2.92
100 AND OVER	1.00000	856	1,877	2.47	1.00000	483	1,042	2.41

TABLE 2. ABRIDGED LIFE TABLES FOR ALL CAUSES OF DEATH COMBINED AND ELIMINATING SPECIFIED CAUSES, FOR WHITE MALES: UNITED STATES, 1979-81--CON.

(NUMBERS AFTER CAUSES OF DEATH ARE CATEGORY NUMBERS OF THE NINTH REVISION INTERNATIONAL CLASSIFICATION OF DISEASES, 1975)

PERIOD OF LIFE BETWEEN TWO EXACT AGES STATED IN YEARS	PROPORTION OF PERSONS ALIVE AT BEGINNING OF AGE INTERVAL DYING DURING INTERVAL	OF 100,000 BORN ALIVE		AVERAGE NUMBER OF YEARS OF LIFE REMAINING AT BEGINNING OF AGE INTERVAL	PROPORTION OF PERSONS ALIVE AT BEGINNING OF AGE INTERVAL DYING DURING INTERVAL	OF 100,000 BORN ALIVE		AVERAGE NUMBER OF YEARS OF LIFE REMAINING AT BEGINNING OF AGE INTERVAL
		NUMBER LIVING AT BEGINNING OF AGE INTERVAL	STATIONARY POPULATION IN AGE INTERVAL			NUMBER LIVING AT BEGINNING OF AGE INTERVAL	STATIONARY POPULATION IN AGE INTERVAL	
x to $x+n$	${}_nq_x$	l_x	${}_nL_x$	$\mathring{e}_x$	${}_nq_x$	l_x	${}_nL_x$	$\mathring{e}_x$
	DIABETES MELLITUS (250)				DISEASES OF HEART (390-398,402,404-429)			
0-1	.01231	100,000	98,995	70.97	.01211	100,000	99,011	76.65
1-5	.00253	98,769	394,498	70.85	.00245	98,789	394,596	76.59
5-10	.00164	98,519	492,153	67.02	.00161	98,547	492,304	72.77
10-15	.00184	98,357	491,462	62.13	.00179	98,389	491,631	67.89
15-20	.00662	98,176	489,418	57.24	.00653	98,213	489,621	63.00
20-25	.00930	97,526	485,393	52.60	.00915	97,571	485,652	58.40
25-30	.00857	96,619	480,985	48.07	.00833	96,678	481,338	53.91
30-35	.00828	95,791	476,992	43.47	.00771	95,873	477,535	49.35
35-40	.01034	94,998	472,661	38.81	.00861	95,134	473,728	44.71
40-45	.01564	94,016	466,672	34.19	.01126	94,315	469,115	40.08
45-50	.02552	92,545	457,293	29.69	.01639	93,253	462,749	35.50
50-55	.04167	90,183	442,159	25.39	.02552	91,724	453,166	31.05
55-60	.06493	86,425	418,944	21.38	.03859	89,383	438,812	26.79
60-65	.10069	80,813	384,844	17.68	.06001	85,933	417,483	22.76
65-70	.15004	72,676	337,222	14.37	.09030	80,776	386,382	19.04
70-75	.21980	61,772	275,764	11.44	.13388	73,482	343,428	15.68
75-80	.30897	48,195	203,929	8.95	.19094	63,644	287,988	12.70
80-85	.43006	33,304	129,886	6.82	.27125	51,492	221,737	10.11
85-90	.56980	18,981	65,860	5.13	.37028	37,525	150,308	7.96
90-95	.70753	8,166	24,476	3.85	.47391	23,630	86,453	6.29
95-100	.82026	2,388	5,949	2.92	.58138	12,431	40,054	4.99
100 AND OVER	1.00000	429	927	2.41	1.00000	5,204	15,092	4.23
	ISCHEMIC HEART DISEASE (410-414)				CEREBROVASCULAR DISEASES (430-438)			
0-1	.01230	100,000	98,996	74.97	.01227	100,000	98,998	71.45
1-5	.00253	98,770	394,502	74.90	.00252	98,773	394,516	71.34
5-10	.00164	98,520	492,161	71.09	.00163	98,524	492,181	67.51
10-15	.00184	98,359	491,472	66.20	.00183	98,363	491,494	62.62
15-20	.00662	98,178	489,428	61.32	.00660	98,183	489,458	57.73
20-25	.00929	97,528	485,405	56.71	.00926	97,535	485,445	53.10
25-30	.00851	96,622	481,012	52.21	.00854	96,631	481,052	48.57
30-35	.00799	95,799	477,101	47.64	.00825	95,806	477,072	43.97
35-40	.00912	95,034	473,114	43.00	.01025	95,015	472,765	39.31
40-45	.01229	94,167	468,154	38.38	.01542	94,041	466,846	34.69
45-50	.01832	93,010	461,131	33.82	.02509	92,591	457,613	30.19
50-55	.02896	91,306	450,370	29.40	.04089	90,268	442,741	25.90
55-60	.04414	88,662	434,117	25.20	.06366	86,577	419,939	21.89
60-65	.06842	84,748	410,044	21.24	.09816	81,065	386,527	18.20
65-70	.10288	78,950	375,266	17.61	.14495	73,107	340,113	14.89
70-75	.15236	70,828	327,835	14.33	.20931	62,510	280,655	11.98
75-80	.21843	60,037	267,560	11.44	.28996	49,426	211,475	9.47
80-85	.31172	46,923	197,204	8.94	.39929	35,094	139,629	7.31
85-90	.42753	32,296	124,397	6.88	.52961	21,081	75,420	5.54
90-95	.54936	18,488	63,692	5.28	.66546	9,916	30,902	4.18
95-100	.66685	8,331	24,667	4.08	.78253	3,317	8,646	3.17
100 AND OVER	1.00000	2,776	7,213	3.36	1.00000	721	1,622	2.58

TABLE 2. ABRIDGED LIFE TABLES FOR ALL CAUSES OF DEATH COMBINED AND ELIMINATING SPECIFIED CAUSES, FOR WHITE MALES: UNITED STATES, 1979-81--CON.

(NUMBERS AFTER CAUSES OF DEATH ARE CATEGORY NUMBERS OF THE NINTH REVISION INTERNATIONAL CLASSIFICATION OF DISEASES, 1975)

PERIOD OF LIFE BETWEEN TWO EXACT AGES STATED IN YEARS	PROPORTION OF PERSONS ALIVE AT BEGINNING OF AGE INTERVAL DYING DURING INTERVAL	OF 100,000 BORN ALIVE		AVERAGE NUMBER OF YEARS OF LIFE REMAINING AT BEGINNING OF AGE INTERVAL	PROPORTION OF PERSONS ALIVE AT BEGINNING OF AGE INTERVAL DYING DURING INTERVAL	OF 100,000 BORN ALIVE		AVERAGE NUMBER OF YEARS OF LIFE REMAINING AT BEGINNING OF AGE INTERVAL
		NUMBER LIVING AT BEGINNING OF AGE INTERVAL	STATIONARY POPULATION IN AGE INTERVAL			NUMBER LIVING AT BEGINNING OF AGE INTERVAL	STATIONARY POPULATION IN AGE INTERVAL.	
x to $x+n$	${}_nq_x$	l_x	${}_nL_x$	$\mathring{e}_x$	${}_nq_x$	l_x	${}_nL_x$	$\mathring{e}_x$
	ATHEROSCLEROSIS (440)				PNUEMONIA AND INFLUENZA (480-487)			
0-1	.01231	100,000	98,995	70.90	.01208	100,000	99,014	71.06
1-5	.00253	98,769	394,498	70.79	.00246	98,792	394,606	70.93
5-10	.00164	98,519	492,153	66.96	.00161	98,549	492,311	67.10
10-15	.00184	98,357	491,462	62.07	.00182	98,390	491,631	62.20
15-20	.00663	98,176	489,416	57.18	.00660	98,211	489,598	57.31
20-25	.00932	97,525	485,383	52.54	.00928	97,563	485,583	52.67
25-30	.00862	96,616	480,957	48.01	.00856	96,658	481,182	48.14
30-35	.00838	95,783	476,927	43.41	.00831	95,831	477,184	43.54
35-40	.01048	94,980	472,540	38.75	.01037	95,035	472,837	38.88
40-45	.01583	93,985	466,478	34.13	.01568	94,049	466,828	34.26
45-50	.02579	92,497	456,998	29.64	.02556	92,574	457,429	29.77
50-55	.04211	90,111	441,713	25.35	.04175	90,208	442,266	25.48
55-60	.06562	86,316	418,277	21.35	.06504	86,442	419,005	21.47
60-65	.10172	80,652	383,881	17.66	.10084	80,820	384,849	17.78
65-70	.15125	72,448	335,952	14.36	.14990	72,670	337,218	14.48
70-75	.22102	61,490	274,322	11.46	.21880	61,777	275,935	11.57
75-80	.30946	47,900	202,623	8.99	.30562	48,260	204,607	9.09
80-85	.42802	33,077	129,173	6.89	.42151	33,511	131,428	6.99
85-90	.56355	18,919	65,961	5.21	.55477	19,386	68,046	5.30
90-95	.69536	8,257	25,033	3.96	.68631	8,631	26,388	4.02
95-100	.80402	2,515	6,391	3.04	.79792	2,707	6,929	3.08
100 AND OVER	1.00000	493	1,095	2.53	1.00000	547	1,226	2.57
	CHRONIC OBSTRUCTIVE PULMONARY DISEASES AND ALLIED CONDITIONS (490-496)				CHRONIC LIVER DISEASE AND CIRRHOSIS (571)			
0-1	.01229	100,000	98,997	71.21	.01230	100,000	98,996	71.10
1-5	.00252	98,771	394,508	71.10	.00253	98,770	394,502	70.98
5-10	.00164	98,522	492,171	67.27	.00164	98,520	492,158	67.15
10-15	.00183	98,361	491,484	62.38	.00184	98,358	491,467	62.26
15-20	.00662	98,181	489,443	57.49	.00663	98,177	489,421	57.37
20-25	.00931	97,531	485,415	52.85	.00930	97,526	485,393	52.74
25-30	.00860	96,623	480,997	48.32	.00852	96,619	480,995	48.21
30-35	.00836	95,792	476,977	43.72	.00815	95,795	477,041	43.60
35-40	.01045	94,991	472,600	39.07	.00997	95,014	472,824	38.94
40-45	.01575	93,998	466,561	34.45	.01490	94,067	467,087	34.30
45-50	.02553	92,518	457,158	29.96	.02434	92,665	458,139	29.78
50-55	.04143	90,156	442,078	25.68	.04013	90,410	443,597	25.46
55-60	.06403	86,421	419,107	21.67	.06339	86,782	420,990	21.41
60-65	.09826	80,887	385,661	17.97	.09935	81,281	387,331	17.68
65-70	.14504	72,939	339,317	14.64	.14923	73,206	339,824	14.34
70-75	.21150	62,360	279,649	11.69	.22041	62,282	277,945	11.40
75-80	.29829	49,171	209,366	9.13	.31105	48,554	205,197	8.90
80-85	.41934	34,504	135,513	6.95	.43345	33,451	130,171	6.78
85-90	.56094	20,035	69,994	5.20	.57355	18,952	65,567	5.09
90-95	.70188	8,797	26,510	3.89	.71075	8,082	24,152	3.83
95-100	.81664	2,623	6,564	2.95	.82255	2,338	5,809	2.91
100 AND OVER	1.00000	481	1,042	2.43	1.00000	415	893	2.40

TABLE 2. ABRIDGED LIFE TABLES FOR ALL CAUSES OF DEATH COMBINED AND ELIMINATING SPECIFIED CAUSES, FOR WHITE MALES: UNITED STATES, 1979-81--CON.

(NUMBERS AFTER CAUSES OF DEATH ARE CATEGORY NUMBERS OF THE NINTH REVISION INTERNATIONAL CLASSIFICATION OF DISEASES, 1975)

PERIOD OF LIFE BETWEEN TWO EXACT AGES STATED IN YEARS	PROPORTION OF PERSONS ALIVE AT BEGINNING OF AGE INTERVAL DYING DURING INTERVAL	OF 100,000 BORN ALIVE		AVERAGE NUMBER OF YEARS OF LIFE REMAINING AT BEGINNING OF AGE INTERVAL	PROPORTION OF PERSONS ALIVE AT BEGINNING OF AGE INTERVAL DYING DURING INTERVAL	OF 100,000 BORN ALIVE		AVERAGE NUMBER OF YEARS OF LIFE REMAINING AT BEGINNING OF AGE INTERVAL
		NUMBER LIVING AT BEGINNING OF AGE INTERVAL	STATIONARY POPULATION IN AGE INTERVAL			NUMBER LIVING AT BEGINNING OF AGE INTERVAL	STATIONARY POPULATION IN AGE INTERVAL	
x to $x+n$	${}_nq_x$	l_x	${}_nL_x$	$\mathring{e}_x$	${}_nq_x$	l_x	${}_nL_x$	$\mathring{e}_x$
	MOTOR VEHICLE ACCIDENTS (E810-E825)				ALL OTHER ACCIDENTS AND ADVERSE EFFECTS (E800-E807,E826-E949)			
0-1	.01224	100,000	99,001	71.69	.01209	100,000	99,013	71.45
1-5	.00217	98,776	394,609	71.58	.00181	98,791	394,750	71.32
5-10	.00119	98,562	492,491	67.73	.00125	98,612	492,724	67.45
10-15	.00130	98,445	491,997	62.81	.00134	98,489	492,209	62.53
15-20	.00341	98,317	490,832	57.89	.00552	98,357	490,564	57.61
20-25	.00548	97,982	488,586	53.08	.00779	97,814	487,191	52.91
25-30	.00596	97,445	485,744	48.36	.00718	97,052	483,484	48.31
30-35	.00641	96,864	482,783	43.63	.00715	96,355	480,069	43.64
35-40	.00888	96,243	479,190	38.90	.00929	95,666	476,222	38.94
40-45	.01442	95,389	473,759	34.22	.01463	94,777	470,674	34.28
45-50	.02452	94,014	464,769	29.68	.02453	93,391	461,686	29.75
50-55	.04098	91,709	449,789	25.36	.04075	91,100	446,852	25.43
55-60	.06463	87,951	426,403	21.33	.06429	87,388	423,745	21.39
60-65	.10101	82,266	391,703	17.62	.10042	81,770	389,455	17.68
65-70	.15099	73,957	342,996	14.30	.15018	73,559	341,294	14.36
70-75	.22156	62,790	280,037	11.38	.22040	62,512	278,974	11.44
75-80	.31136	48,878	206,528	8.90	.30965	48,734	206,129	8.95
80-85	.43311	33,659	131,009	6.78	.43028	33,644	131,195	6.83
85-90	.57307	19,081	66,038	5.10	.56834	19,168	66,583	5.15
90-95	.71042	8,146	24,351	3.83	.70480	8,274	24,863	3.88
95-100	.82237	2,359	5,862	2.91	.81648	2,442	6,112	2.95
100 AND OVER	1.00000	419	903	2.41	1.00000	448	974	2.44
	SUICIDE (E950-E959)				HOMICIDE AND LEGAL INTERVENTION (E960-E978)			
0-1	.01231	100,000	98,995	71.24	.01227	100,000	98,998	71.07
1-5	.00253	98,769	394,498	71.12	.00246	98,773	394,530	70.95
5-10	.00164	98,519	492,153	67.30	.00161	98,530	492,219	67.12
10-15	.00177	98,357	491,473	62.41	.00179	98,372	491,546	62.23
15-20	.00593	98,182	489,599	57.51	.00613	98,196	489,626	57.33
20-25	.00796	97,599	486,079	52.84	.00837	97,594	485,955	52.67
25-30	.00724	96,822	482,323	48.24	.00769	96,777	481,989	48.09
30-35	.00718	96,121	478,897	43.58	.00753	96,033	478,375	43.45
35-40	.00930	95,431	475,049	38.87	.00970	95,310	474,356	38.76
40-45	.01469	94,543	469,499	34.21	.01515	94,385	468,612	34.11
45-50	.02470	93,155	460,483	29.68	.02520	92,955	459,389	29.59
50-55	.04101	90,854	445,589	25.37	.04169	90,613	444,263	25.29
55-60	.06457	87,128	422,426	21.34	.06540	86,835	420,837	21.27
60-65	.10091	81,502	388,084	17.63	.10179	81,156	386,266	17.58
65-70	.15080	73,278	339,882	14.31	.15180	72,895	337,931	14.27
70-75	.22134	62,228	277,563	11.39	.22251	61,830	275,612	11.36
75-80	.31124	48,454	204,751	8.90	.31261	48,072	202,973	8.87
80-85	.43319	33,373	129,889	6.78	.43443	33,044	128,504	6.77
85-90	.57312	18,916	65,465	5.10	.57420	18,689	64,625	5.09
90-95	.71042	8,075	24,137	3.83	.71108	7,958	23,773	3.83
95-100	.82234	2,338	5,809	2.91	.82257	2,299	5,712	2.91
100 AND OVER	1.00000	415	893	2.40	1.00000	408	880	2.41

TABLE 3. ABRIDGED LIFE TABLES FOR ALL CAUSES OF DEATH COMBINED AND ELIMINATING SPECIFIED CAUSES, FOR WHITE FEMALES: UNITED STATES, 1979-81

(NUMBERS AFTER CAUSES OF DEATH ARE CATEGORY NUMBERS OF THE NINTH REVISION INTERNATIONAL CLASSIFICATION OF DISEASES, 1975)

PERIOD OF LIFE BETWEEN TWO EXACT AGES STATED IN YEARS	PROPORTION OF PERSONS ALIVE AT BEGINNING OF AGE INTERVAL DYING DURING INTERVAL	OF 100,000 BORN ALIVE		AVERAGE NUMBER OF YEARS OF LIFE REMAINING AT BEGINNING OF AGE INTERVAL	PROPORTION OF PERSONS ALIVE AT BEGINNING OF AGE INTERVAL DYING DURING INTERVAL	OF 100,000 BORN ALIVE		AVERAGE NUMBER OF YEARS OF LIFE REMAINING AT BEGINNING OF AGE INTERVAL
		NUMBER LIVING AT BEGINNING OF AGE INTERVAL	STATIONARY POPULATION IN AGE INTERVAL			NUMBER LIVING AT BEGINNING OF AGE INTERVAL	STATIONARY POPULATION IN AGE INTERVAL	
x to $x+n$	${}_nq_x$	l_x	${}_nL_x$	$\mathring{e}_x$	${}_nq_x$	l_x	${}_nL_x$	$\mathring{e}_x$
	ELIMINATING NO CAUSE				SEPTICEMIA (038)			
0-1	.00965	100,000	99,207	78.22	.00960	100,000	99,211	78.27
1-5	.00196	99,035	395,674	77.98	.00194	99,040	395,699	78.03
5-10	.00117	98,841	493,891	74.13	.00117	98,848	493,926	74.18
10-15	.00108	98,725	493,398	69.21	.00108	98,732	493,433	69.26
15-20	.00247	98,618	492,518	64.29	.00247	98,625	492,555	64.33
20-25	.00286	98,374	491,173	59.44	.00285	98,382	491,215	59.49
25-30	.00297	98,093	489,749	54.60	.00295	98,102	489,796	54.65
30-35	.00365	97,802	488,158	49.76	.00363	97,812	488,210	49.80
35-40	.00546	97,445	485,987	44.93	.00543	97,456	486,049	44.98
40-45	.00875	96,913	482,606	40.16	.00871	96,927	482,683	40.21
45-50	.01411	96,065	477,196	35.49	.01405	96,082	477,293	35.54
50-55	.02234	94,710	468,607	30.96	.02226	94,732	468,733	31.01
55-60	.03394	92,594	455,598	26.61	.03380	92,623	455,773	26.65
60-65	.05240	89,451	436,253	22.45	.05218	89,493	436,505	22.49
65-70	.07816	84,764	408,173	18.55	.07782	84,824	408,530	18.58
70-75	.12064	78,139	368,402	14.89	.12012	78,223	368,895	14.93
75-80	.18835	68,712	312,842	11.58	.18751	68,827	313,502	11.61
80-85	.30475	55,770	237,623	8.65	.30343	55,921	238,446	8.68
85-90	.45850	38,774	148,515	6.32	.45676	38,953	149,374	6.34
90-95	.62374	20,996	69,599	4.59	.62204	21,161	70,243	4.61
95-100	.76481	7,900	21,790	3.39	.76334	7,998	22,095	3.40
100 AND OVER	1.00000	1,858	4,365	2.70	1.00000	1,893	4,455	2.71
	MALIGNANT NEOPLASMS, INCLUDING NEOPLASMS OF LYMPHATIC AND HEMATOPOIETIC TISSUES (140-208)				MALIGNANT NEOPLASMS OF RESPIRATORY AND INTRATHORACIC ORGANS (160-165)			
0-1	.00962	100,000	99,209	81.20	.00965	100,000	99,207	78.68
1-5	.00179	99,038	395,724	80.99	.00196	99,035	395,674	78.44
5-10	.00097	98,860	494,040	77.13	.00117	98,841	493,891	74.59
10-15	.00092	98,764	493,629	72.21	.00108	98,725	493,398	69.68
15-20	.00227	98,674	492,845	67.27	.00247	98,618	492,518	64.75
20-25	.00261	98,450	491,612	62.42	.00285	98,374	491,173	59.90
25-30	.00252	98,193	490,355	57.57	.00295	98,093	489,751	55.07
30-35	.00275	97,945	489,083	52.71	.00361	97,803	488,173	50.22
35-40	.00366	97,676	487,547	47.85	.00528	97,450	486,052	45.40
40-45	.00535	97,318	485,386	43.02	.00824	96,935	482,831	40.62
45-50	.00804	96,797	482,188	38.23	.01295	96,137	477,810	35.94
50-55	.01224	96,019	477,350	33.52	.02027	94,892	469,966	31.37
55-60	.01935	94,844	469,914	28.90	.03089	92,968	458,106	26.97
60-65	.03247	93,008	457,951	24.42	.04826	90,097	440,279	22.74
65-70	.05279	89,988	438,719	20.15	.07327	85,749	413,906	18.76
70-75	.09032	85,237	407,978	16.13	.11583	79,466	375,564	15.04
75-80	.15372	77,538	359,400	12.47	.18416	70,262	320,597	11.66
80-85	.26715	65,619	285,573	9.26	.30144	57,322	244,697	8.70
85-90	.42307	48,089	188,541	6.69	.45590	40,043	153,643	6.34
90-95	.59652	27,744	94,007	4.80	.62197	21,788	72,330	4.61
95-100	.74750	11,194	31,442	3.50	.76380	8,237	22,745	3.40
100 AND OVER	1.00000	2,826	6,713	2.76	1.00000	1,946	4,573	2.71

TABLE 3. ABRIDGED LIFE TABLES FOR ALL CAUSES OF DEATH COMBINED AND ELIMINATING SPECIFIED CAUSES, FOR WHITE FEMALES: UNITED STATES, 1979-81--CON.

(NUMBERS AFTER CAUSES OF DEATH ARE CATEGORY NUMBERS OF THE NINTH REVISION INTERNATIONAL CLASSIFICATION OF DISEASES, 1975)

PERIOD OF LIFE BETWEEN TWO EXACT AGES STATED IN YEARS	PROPORTION OF PERSONS ALIVE AT BEGINNING OF AGE INTERVAL DYING DURING INTERVAL	OF 100,000 BORN ALIVE		AVERAGE NUMBER OF YEARS OF LIFE REMAINING AT BEGINNING OF AGE INTERVAL	PROPORTION OF PERSONS ALIVE AT BEGINNING OF AGE INTERVAL DYING DURING INTERVAL	OF 100,000 BORN ALIVE		AVERAGE NUMBER OF YEARS OF LIFE REMAINING AT BEGINNING OF AGE INTERVAL
		NUMBER LIVING AT BEGINNING OF AGE INTERVAL	STATIONARY POPULATION IN AGE INTERVAL			NUMBER LIVING AT BEGINNING OF AGE INTERVAL	STATIONARY POPULATION IN AGE INTERVAL	
x to $x+n$	${}_nq_x$	l_x	${}_nL_x$	$\mathring{e}_x$	${}_nq_x$	l_x	${}_nL_x$	$\mathring{e}_x$
	DIABETES MELLITUS (250)				DISEASES OF HEART (390-398,402,404-429)			
0-1	.00965	100,000	99,207	78.45	.00949	100,000	99,220	83.53
1-5	.00195	99,035	395,674	78.21	.00188	99,051	395,757	83.32
5-10	.00117	98,841	493,891	74.36	.00114	98,865	494,022	79.48
10-15	.00108	98,725	493,400	69.44	.00105	98,753	493,546	74.57
15-20	.00246	98,619	492,525	64.52	.00241	98,650	492,692	69.64
20-25	.00284	98,376	491,188	59.67	.00276	98,412	491,388	64.80
25-30	.00292	98,097	489,781	54.83	.00282	98,141	490,023	59.98
30-35	.00358	97,811	488,220	49.98	.00339	97,864	488,530	55.14
35-40	.00536	97,461	486,090	45.15	.00492	97,533	486,548	50.32
40-45	.00860	96,939	482,768	40.38	.00756	97,053	483,569	45.55
45-50	.01386	96,105	477,449	35.71	.01173	96,319	478,986	40.88
50-55	.02193	94,773	469,011	31.17	.01782	95,189	471,983	36.33
55-60	.03320	92,695	456,255	26.81	.02556	93,493	461,859	31.94
60-65	.05112	89,617	437,332	22.64	.03663	91,103	447,682	27.71
65-70	.07612	85,036	409,892	18.72	.05108	87,766	428,240	23.66
70-75	.11757	78,563	370,974	15.04	.07355	83,282	401,926	19.80
75-80	.18401	69,327	316,356	11.70	.10922	77,157	365,783	16.16
80-85	.29928	56,570	241,783	8.74	.17402	68,730	314,636	12.82
85-90	.45269	39,640	152,419	6.38	.26834	56,769	244,983	9.97
90-95	.61903	21,695	72,192	4.63	.38051	41,536	164,980	7.73
95-100	.76164	8,265	22,873	3.41	.49985	25,731	90,955	6.07
100 AND OVER	1.00000	1,970	4,637	2.71	1.00000	12,869	40,979	5.08
	ISCHEMIC HEART DISEASE (410-414)				CEREBROVASCULAR DISEASES (430-438)			
0-1	.00964	100,000	99,208	81.57	.00962	100,000	99,209	79.29
1-5	.00196	99,036	395,678	81.37	.00194	99,038	395,688	79.06
5-10	.00117	98,842	493,896	77.52	.00116	98,845	493,914	75.21
10-15	.00108	98,726	493,403	72.61	.00107	98,730	493,425	70.30
15-20	.00247	98,619	492,523	67.69	.00245	98,624	492,553	65.37
20-25	.00284	98,375	491,180	62.85	.00281	98,382	491,225	60.52
25-30	.00294	98,095	489,764	58.02	.00289	98,106	489,831	55.69
30-35	.00357	97,806	488,197	53.18	.00352	97,822	488,289	50.84
35-40	.00521	97,457	486,103	48.37	.00520	97,478	486,210	46.01
40-45	.00807	96,949	482,936	43.60	.00830	96,971	482,995	41.24
45-50	.01260	96,166	478,031	38.94	.01334	96,166	477,867	36.56
50-55	.01933	94,954	470,483	34.40	.02124	94,883	469,708	32.02
55-60	.02805	93,119	459,468	30.03	.03219	92,868	457,329	27.65
60-65	.04094	90,507	443,836	25.82	.04938	89,879	438,977	23.49
65-70	.05807	86,801	422,099	21.80	.07278	85,441	412,519	19.57
70-75	.08539	81,760	392,289	17.99	.10989	79,223	375,527	15.90
75-80	.12954	74,778	350,900	14.42	.16755	70,517	324,542	12.53
80-85	.20971	65,092	292,347	11.17	.26674	58,702	255,529	9.53
85-90	.32564	51,441	214,470	8.46	.40271	43,044	170,998	7.06
90-95	.46120	34,690	130,226	6.36	.55974	25,710	89,670	5.16
95-100	.59640	18,691	60,781	4.83	.70654	11,319	33,155	3.80
100 AND OVER	1.00000	7,544	21,502	3.92	1.00000	3,322	8,241	2.98

TABLE 3. ABRIDGED LIFE TABLES FOR ALL CAUSES OF DEATH COMBINED AND ELIMINATING SPECIFIED CAUSES, FOR WHITE FEMALES: UNITED STATES, 1979-81--CON.

(NUMBERS AFTER CAUSES OF DEATH ARE CATEGORY NUMBERS OF THE NINTH REVISION INTERNATIONAL CLASSIFICATION OF DISEASES, 1975)

PERIOD OF LIFE BETWEEN TWO EXACT AGES STATED IN YEARS	PROPORTION OF PERSONS ALIVE AT BEGINNING OF AGE INTERVAL DYING DURING INTERVAL	OF 100,000 BORN ALIVE		AVERAGE NUMBER OF YEARS OF LIFE REMAINING AT BEGINNING OF AGE INTERVAL	PROPORTION OF PERSONS ALIVE AT BEGINNING OF AGE INTERVAL DYING DURING INTERVAL	OF 100,000 BORN ALIVE		AVERAGE NUMBER OF YEARS OF LIFE REMAINING AT BEGINNING OF AGE INTERVAL
		NUMBER LIVING AT BEGINNING OF AGE INTERVAL	STATIONARY POPULATION IN AGE INTERVAL			NUMBER LIVING AT BEGINNING OF AGE INTERVAL	STATIONARY POPULATION IN AGE INTERVAL	
x to $x+n$	${}_nq_x$	l_x	${}_nL_x$	$\mathring{e}_x$	${}_nq_x$	l_x	${}_nL_x$	$\mathring{e}_x$
	ATHEROSCLEROSIS (440)				PNUEMONIA AND INFLUENZA (480-487)			
0-1	.00965	100,000	99,207	78.37	.00947	100,000	99,222	78.49
1-5	.00196	99,035	395,674	78.13	.00190	99,053	395,760	78.24
5-10	.00117	98,841	493,891	74.29	.00114	98,865	494,019	74.38
10-15	.00108	98,725	493,398	69.37	.00106	98,752	493,537	69.47
15-20	.00247	98,618	492,518	64.44	.00245	98,647	492,670	64.54
20-25	.00286	98,374	491,173	59.60	.00282	98,406	491,340	59.69
25-30	.00297	98,093	489,749	54.76	.00293	98,128	489,934	54.85
30-35	.00365	97,802	488,158	49.91	.00360	97,841	488,365	50.00
35-40	.00546	97,445	485,987	45.09	.00538	97,489	486,226	45.17
40-45	.00874	96,913	482,608	40.32	.00864	96,965	482,889	40.40
45-50	.01409	96,066	477,203	35.65	.01394	96,127	477,541	35.73
50-55	.02231	94,712	468,624	31.12	.02209	94,787	469,043	31.20
55-60	.03386	92,599	455,642	26.77	.03355	92,693	456,170	26.84
60-65	.05220	89,464	436,358	22.62	.05175	89,583	437,033	22.68
65-70	.07769	84,794	408,410	18.72	.07709	84,947	409,267	18.78
70-75	.11954	78,206	368,921	15.07	.11859	78,398	370,004	15.13
75-80	.18562	68,857	313,949	11.76	.18409	69,101	315,311	11.81
80-85	.29840	56,076	239,791	8.84	.29608	56,380	241,408	8.88
85-90	.44638	39,343	151,911	6.51	.44368	39,687	153,511	6.53
90-95	.60451	21,781	73,332	4.76	.60323	22,078	74,409	4.78
95-100	.74099	8,614	24,360	3.58	.74192	8,760	24,750	3.56
100 AND OVER	1.00000	2,231	5,441	2.89	1.00000	2,261	5,488	2.86
	CHRONIC OBSTRUCTIVE PULMONARY DISEASES AND ALLIED CONDITIONS (490-496)				CHRONIC LIVER DISEASE AND CIRRHOSIS (571)			
0-1	.00964	100,000	99,208	78.45	.00964	100,000	99,208	78.40
1-5	.00195	99,036	395,680	78.21	.00196	99,036	395,678	78.16
5-10	.00117	98,843	493,904	74.36	.00117	98,842	493,896	74.31
10-15	.00107	98,728	493,415	69.45	.00108	98,726	493,403	69.39
15-20	.00246	98,622	492,540	64.52	.00247	98,619	492,523	64.46
20-25	.00284	98,379	491,200	59.67	.00285	98,375	491,180	59.62
25-30	.00295	98,099	489,781	54.84	.00293	98,095	489,769	54.78
30-35	.00363	97,809	488,198	49.99	.00357	97,808	488,207	49.93
35-40	.00541	97,454	486,041	45.16	.00524	97,459	486,106	45.10
40-45	.00866	96,926	482,692	40.40	.00832	96,948	482,876	40.33
45-50	.01387	96,087	477,357	35.72	.01343	96,141	477,724	35.64
50-55	.02184	94,754	468,934	31.19	.02134	94,850	469,522	31.09
55-60	.03299	92,684	456,247	26.83	.03279	92,826	456,990	26.71
60-65	.05059	89,626	437,487	22.65	.05115	89,782	438,131	22.53
65-70	.07543	85,092	410,299	18.72	.07686	85,190	410,487	18.60
70-75	.11698	78,673	371,602	15.03	.11948	78,643	370,995	14.93
75-80	.18439	69,470	316,948	11.67	.18740	69,247	315,434	11.59
80-85	.30075	56,661	241,969	8.71	.30403	56,270	239,851	8.66
85-90	.45482	39,620	152,128	6.36	.45803	39,162	150,049	6.32
90-95	.62093	21,600	71,765	4.61	.62351	21,225	70,371	4.59
95-100	.76263	8,188	22,638	3.41	.76469	7,991	22,043	3.39
100 AND OVER	1.00000	1,944	4,576	2.71	1.00000	1,880	4,419	2.70

TABLE 3. ABRIDGED LIFE TABLES FOR ALL CAUSES OF DEATH COMBINED AND ELIMINATING SPECIFIED CAUSES, FOR WHITE FEMALES: UNITED STATES, 1979-81--CON.

(NUMBERS AFTER CAUSES OF DEATH ARE CATEGORY NUMBERS OF THE NINTH REVISION INTERNATIONAL CLASSIFICATION OF DISEASES, 1975)

PERIOD OF LIFE BETWEEN TWO EXACT AGES STATED IN YEARS	PROPORTION OF PERSONS ALIVE AT BEGINNING OF AGE INTERVAL DYING DURING INTERVAL	OF 100,000 BORN ALIVE		AVERAGE NUMBER OF YEARS OF LIFE REMAINING AT BEGINNING OF AGE INTERVAL	PROPORTION OF PERSONS ALIVE AT BEGINNING OF AGE INTERVAL DYING DURING INTERVAL	OF 100,000 BORN ALIVE		AVERAGE NUMBER OF YEARS OF LIFE REMAINING AT BEGINNING OF AGE INTERVAL
		NUMBER LIVING AT BEGINNING OF AGE INTERVAL	STATIONARY POPULATION IN AGE INTERVAL			NUMBER LIVING AT BEGINNING OF AGE INTERVAL	STATIONARY POPULATION IN AGE INTERVAL	
x to $x+n$	${}_nq_x$	l_x	${}_nL_x$	$\mathring{e}_x$	${}_nq_x$	l_x	${}_nL_x$	$\mathring{e}_x$
	MOTOR VEHICLE ACCIDENTS (E810-E825)				ALL OTHER ACCIDENTS AND ADVERSE EFFECTS (E800-E807,E826-E949)			
0-1	.00958	100,000	99,213	78.59	.00949	100,000	99,220	78.50
1-5	.00165	99,042	395,776	78.35	.00153	99,051	395,841	78.25
5-10	.00090	98,879	494,154	74.48	.00098	98,900	494,237	74.37
10-15	.00080	98,790	493,782	69.54	.00093	98,803	493,820	69.44
15-20	.00129	98,711	493,257	64.60	.00226	98,711	493,032	64.50
20-25	.00185	98,584	492,469	59.68	.00260	98,488	491,805	59.64
25-30	.00227	98,402	491,459	54.78	.00272	98,232	490,503	54.79
30-35	.00311	98,178	490,160	49.90	.00341	97,965	489,028	49.93
35-40	.00494	97,872	488,236	45.05	.00519	97,631	486,975	45.09
40-45	.00823	97,389	485,095	40.26	.00843	97,124	483,728	40.31
45-50	.01362	96,588	479,903	35.57	.01372	96,305	478,474	35.63
50-55	.02186	95,273	471,499	31.03	.02189	94,984	470,063	31.09
55-60	.03344	93,190	458,641	26.66	.03343	92,905	457,240	26.73
60-65	.05189	90,074	439,399	22.49	.05176	89,799	438,085	22.56
65-70	.07761	85,400	411,346	18.58	.07733	85,151	410,202	18.65
70-75	.11996	78,772	371,515	14.92	.11933	78,566	370,660	14.99
75-80	.18759	69,323	315,750	11.59	.18624	69,191	315,370	11.66
80-85	.30407	56,319	240,055	8.66	.30114	56,305	240,395	8.73
85-90	.45803	39,194	150,171	6.32	.45324	39,349	151,247	6.38
90-95	.62352	21,242	70,426	4.59	.61765	21,515	71,673	4.64
95-100	.76471	7,997	22,061	3.39	.75916	8,226	22,825	3.43
100 AND OVER	1.00000	1,882	4,422	2.70	1.00000	1,981	4,676	2.73
	SUICIDE (E950-E959)				HOMICIDE AND LEGAL INTERVENTION (E960-E978)			
0-1	.00965	100,000	99,207	78.39	.00961	100,000	99,210	78.31
1-5	.00196	99,035	395,674	78.15	.00189	99,039	395,707	78.07
5-10	.00117	98,841	493,891	74.30	.00114	98,852	493,957	74.22
10-15	.00106	98,725	493,402	69.38	.00103	98,740	493,484	69.30
15-20	.00231	98,620	492,565	64.45	.00230	98,638	492,658	64.37
20-25	.00255	98,392	491,337	59.60	.00259	98,411	491,422	59.51
25-30	.00259	98,141	490,080	54.74	.00273	98,156	490,121	54.66
30-35	.00325	97,887	488,676	49.88	.00346	97,888	488,633	49.80
35-40	.00499	97,569	486,712	45.03	.00527	97,550	486,554	44.96
40-45	.00825	97,082	483,562	40.25	.00855	97,036	483,263	40.19
45-50	.01357	96,282	478,392	35.56	.01393	96,206	477,936	35.51
50-55	.02180	94,975	470,037	31.01	.02222	94,866	469,406	30.98
55-60	.03346	92,904	457,228	26.64	.03384	92,758	456,427	26.62
60-65	.05198	89,795	438,020	22.47	.05230	89,619	437,093	22.46
65-70	.07780	85,128	409,998	18.56	.07805	84,932	409,004	18.55
70-75	.12034	78,505	370,185	14.90	.12053	78,303	369,196	14.90
75-80	.18809	69,058	314,460	11.58	.18823	68,865	313,560	11.58
80-85	.30456	56,069	238,921	8.65	.30462	55,903	238,208	8.65
85-90	.45837	38,992	149,363	6.32	.45840	38,874	148,908	6.32
90-95	.62364	21,119	70,011	4.59	.62366	21,054	69,797	4.59
95-100	.76477	7,948	21,924	3.39	.76474	7,924	21,857	3.39
100 AND OVER	1.00000	1,870	4,394	2.70	1.00000	1,864	4,379	2.70

TABLE 4. ABRIDGED LIFE TABLES FOR ALL CAUSES OF DEATH COMBINED AND ELIMINATING SPECIFIED CAUSES, FOR MALES OTHER THAN WHITE: UNITED STATES, 1979-81

(NUMBERS AFTER CAUSES OF DEATH ARE CATEGORY NUMBERS OF THE NINTH REVISION INTERNATIONAL CLASSIFICATION OF DISEASES, 1975)

PERIOD OF LIFE BETWEEN TWO EXACT AGES STATED IN YEARS	PROPORTION OF PERSONS ALIVE AT BEGINNING OF AGE INTERVAL DYING DURING INTERVAL	OF 100,000 BORN ALIVE		AVERAGE NUMBER OF YEARS OF LIFE REMAINING AT BEGINNING OF AGE INTERVAL	PROPORTION OF PERSONS ALIVE AT BEGINNING OF AGE INTERVAL DYING DURING INTERVAL	OF 100,000 BORN ALIVE		AVERAGE NUMBER OF YEARS OF LIFE REMAINING AT BEGINNING OF AGE INTERVAL
		NUMBER LIVING AT BEGINNING OF AGE INTERVAL	STATIONARY POPULATION IN AGE INTERVAL			NUMBER LIVING AT BEGINNING OF AGE INTERVAL	STATIONARY POPULATION IN AGE INTERVAL	
x to $x+n$	${}_nq_x$	l_x	${}_nL_x$	$\mathring{e}_x$	${}_nq_x$	l_x	${}_nL_x$	$\mathring{e}_x$
	ELIMINATING NO CAUSE				SEPTICEMIA (038)			
0-1	.02061	100,000	98,341	65.63	.02046	100,000	98,353	65.73
1-5	.00388	97,939	390,877	66.01	.00383	97,954	390,949	66.10
5-10	.00228	97,559	487,183	62.26	.00227	97,579	487,286	62.35
10-15	.00230	97,337	486,237	57.40	.00229	97,358	486,344	57.49
15-20	.00702	97,113	484,072	52.52	.00701	97,135	484,184	52.61
20-25	.01277	96,431	479,264	47.87	.01274	96,454	479,384	47.96
25-30	.01611	95,200	472,261	43.46	.01607	95,225	472,393	43.55
30-35	.01895	93,666	464,011	39.13	.01887	93,694	464,168	39.22
35-40	.02444	91,891	454,096	34.83	.02432	91,926	454,297	34.92
40-45	.03421	89,645	440,984	30.64	.03404	89,691	441,247	30.73
45-50	.05111	86,578	422,478	26.63	.05083	86,638	422,827	26.72
50-55	.07467	82,153	396,145	22.92	.07423	82,234	396,621	23.01
55-60	.10426	76,019	360,950	19.56	.10359	76,130	361,602	19.64
60-65	.14063	68,093	317,160	16.54	.13973	68,244	318,015	16.61
65-70	.18321	58,517	266,151	13.83	.18200	58,709	267,200	13.89
70-75	.24280	47,796	210,114	11.36	.24107	48,024	211,324	11.42
75-80	.31008	36,191	152,639	9.20	.30793	36,447	153,916	9.25
80-85	.42112	24,969	97,920	7.22	.41838	25,224	99,098	7.27
85-90	.53003	14,454	51,801	5.69	.52571	14,671	52,747	5.74
90-95	.64670	6,793	21,782	4.48	.64271	6,958	22,388	4.52
95-100	.74458	2,400	6,694	3.62	.73988	2,486	6,970	3.65
100 AND OVER	1.00000	613	1,591	3.24	1.00000	647	1,685	3.26
	MALIGNANT NEOPLASMS, INCLUDING NEOPLASMS OF LYMPHATIC AND HEMATOPOIETIC TISSUES (140-208)				MALIGNANT NEOPLASMS OF RESPIRATORY AND INTRATHORACIC ORGANS (160-165)			
0-1	.02057	100,000	98,344	68.83	.02061	100,000	98,341	66.65
1-5	.00371	97,943	390,930	69.27	.00388	97,939	390,877	67.05
5-10	.00208	97,579	487,335	65.52	.00227	97,559	487,183	63.31
10-15	.00208	97,376	486,474	60.65	.00230	97,337	486,237	58.44
15-20	.00668	97,173	484,444	55.77	.00702	97,113	484,074	53.57
20-25	.01239	96,524	479,814	51.13	.01275	96,432	479,274	48.93
25-30	.01562	95,329	473,016	46.74	.01608	95,203	472,283	44.53
30-35	.01816	93,840	465,054	42.44	.01864	93,672	464,065	40.21
35-40	.02255	92,136	455,724	38.18	.02395	91,907	454,283	35.94
40-45	.02956	90,059	444,010	34.00	.03247	89,706	441,653	31.75
45-50	.04122	87,397	428,510	29.95	.04694	86,793	424,379	27.73
50-55	.05669	83,795	407,651	26.12	.06706	82,719	400,374	23.97
55-60	.07653	79,044	380,609	22.54	.09243	77,172	368,630	20.50
60-65	.10189	72,995	346,876	19.19	.12474	70,039	328,932	17.33
65-70	.13384	65,558	306,157	16.08	.16496	61,302	281,578	14.43
70-75	.18452	56,784	257,857	13.17	.22496	51,190	227,305	11.78
75-80	.24744	46,306	202,618	10.58	.29423	39,674	168,916	9.47
80-85	.35128	34,848	142,895	8.24	.40718	28,001	110,811	7.39
85-90	.46681	22,607	84,839	6.39	.52048	16,600	59,915	5.78
90-95	.59438	12,054	40,399	4.94	.64035	7,960	25,665	4.54
95-100	.70489	4,889	14,213	3.92	.74116	2,863	8,014	3.65
100 AND OVER	1.00000	1,443	3,854	3.44	1.00000	741	1,931	3.27

TABLE 4. ABRIDGED LIFE TABLES FOR ALL CAUSES OF DEATH COMBINED AND ELIMINATING SPECIFIED CAUSES, FOR MALES OTHER THAN WHITE: UNITED STATES, 1979-81--CON.

(NUMBERS AFTER CAUSES OF DEATH ARE CATEGORY NUMBERS OF THE NINTH REVISION INTERNATIONAL CLASSIFICATION OF DISEASES, 1975)

PERIOD OF LIFE BETWEEN TWO EXACT AGES STATED IN YEARS	PROPORTION OF PERSONS ALIVE AT BEGINNING OF AGE INTERVAL DYING DURING INTERVAL	OF 100,000 BORN ALIVE		AVERAGE NUMBER OF YEARS OF LIFE REMAINING AT BEGINNING OF AGE INTERVAL	PROPORTION OF PERSONS ALIVE AT BEGINNING OF AGE INTERVAL DYING DURING INTERVAL	OF 100,000 BORN ALIVE		AVERAGE NUMBER OF YEARS OF LIFE REMAINING AT BEGINNING OF AGE INTERVAL
		NUMBER LIVING AT BEGINNING OF AGE INTERVAL	STATIONARY POPULATION IN AGE INTERVAL			NUMBER LIVING AT BEGINNING OF AGE INTERVAL	STATIONARY POPULATION IN AGE INTERVAL	
x to $x+n$	${}_nq_x$	l_x	${}_nL_x$	$\mathring{e}_x$	${}_nq_x$	l_x	${}_nL_x$	$\mathring{e}_x$
	DIABETES MELLITUS (250)				DISEASES OF HEART (390-398,402,404-429)			
0-1	.02061	100,000	98,341	65.85	.02026	100,000	98,369	70.83
1-5	.00387	97,939	390,879	66.23	.00370	97,974	391,056	71.29
5-10	.00227	97,560	487,188	62.48	.00223	97,611	487,454	67.55
10-15	.00229	97,338	486,244	57.62	.00222	97,393	486,533	62.70
15-20	.00701	97,115	484,084	52.75	.00679	97,177	484,440	57.83
20-25	.01272	96,434	479,291	48.10	.01233	96,517	479,790	53.21
25-30	.01603	95,208	472,320	43.69	.01527	95,327	473,086	48.84
30-35	.01879	93,682	464,127	39.36	.01727	93,871	465,411	44.56
35-40	.02415	91,922	454,313	35.06	.02066	92,250	456,702	40.29
40-45	.03368	89,702	441,378	30.86	.02672	90,344	446,021	36.09
45-50	.05032	86,681	423,141	26.85	.03727	87,930	431,939	32.01
50-55	.07346	82,319	397,182	23.13	.05231	84,653	412,711	28.14
55-60	.10233	76,272	362,507	19.76	.07017	80,225	387,528	24.55
60-65	.13814	68,467	319,317	16.71	.09346	74,596	356,012	21.21
65-70	.17978	59,009	268,887	13.98	.12227	67,624	317,734	18.13
70-75	.23858	48,400	213,278	11.49	.16087	59,356	273,028	15.31
75-80	.30470	36,853	155,931	9.30	.20555	49,807	223,202	12.76
80-85	.41600	25,624	100,824	7.29	.28144	39,569	169,330	10.42
85-90	.52453	14,964	53,849	5.75	.35963	28,433	114,845	8.54
90-95	.64226	7,115	22,901	4.52	.45084	18,208	68,274	7.04
95-100	.74116	2,545	7,125	3.64	.53609	9,999	34,080	5.98
100 AND OVER	1.00000	659	1,714	3.25	1.00000	4,639	15,134	5.55
	ISCHEMIC HEART DISEASE (410-414)				CEREBROVASCULAR DISEASES (430-438)			
0-1	.02060	100,000	98,342	68.40	.02052	100,000	98,348	66.60
1-5	.00387	97,940	390,883	68.83	.00386	97,948	390,918	67.00
5-10	.00227	97,561	487,193	65.09	.00226	97,570	487,241	63.25
10-15	.00230	97,339	486,247	60.23	.00228	97,349	486,301	58.39
15-20	.00700	97,115	484,086	55.37	.00698	97,127	484,151	53.51
20-25	.01269	96,435	479,300	50.74	.01265	96,449	479,380	48.87
25-30	.01589	95,211	472,367	46.35	.01592	95,229	472,450	44.46
30-35	.01825	93,698	464,329	42.06	.01851	93,713	464,343	40.14
35-40	.02262	91,988	454,975	37.80	.02352	91,978	454,729	35.85
40-45	.03011	89,907	443,144	33.61	.03261	89,815	442,160	31.65
45-50	.04300	87,200	427,176	29.57	.04837	86,886	424,543	27.63
50-55	.06122	83,450	405,075	25.78	.07043	82,684	399,539	23.90
55-60	.08355	78,342	375,898	22.29	.09805	76,860	366,097	20.51
60-65	.11189	71,796	339,430	19.09	.13130	69,324	324,469	17.46
65-70	.14512	63,763	296,000	16.17	.16935	60,222	275,963	14.71
70-75	.19130	54,510	246,612	13.48	.22176	50,023	222,523	12.19
75-80	.24492	44,082	193,166	11.08	.28116	38,930	167,033	9.95
80-85	.33600	33,285	137,787	8.87	.38301	27,985	112,478	7.87
85-90	.42963	22,101	85,136	7.13	.48734	17,266	63,849	6.24
90-95	.53321	12,606	44,388	5.74	.59811	8,852	29,576	4.96
95-100	.62639	5,884	18,475	4.75	.69663	3,557	10,427	4.02
100 AND OVER	1.00000	2,198	6,507	4.32	1.00000	1,079	2,945	3.60

TABLE 4. ABRIDGED LIFE TABLES FOR ALL CAUSES OF DEATH COMBINED AND ELIMINATING SPECIFIED CAUSES, FOR MALES OTHER THAN WHITE: UNITED STATES, 1979-81--CON.

(NUMBERS AFTER CAUSES OF DEATH ARE CATEGORY NUMBERS OF THE NINTH REVISION INTERNATIONAL CLASSIFICATION OF DISEASES, 1975)

PERIOD OF LIFE BETWEEN TWO EXACT AGES STATED IN YEARS	PROPORTION OF PERSONS ALIVE AT BEGINNING OF AGE INTERVAL DYING DURING INTERVAL	OF 100,000 BORN ALIVE		AVERAGE NUMBER OF YEARS OF LIFE REMAINING AT BEGINNING OF AGE INTERVAL	PROPORTION OF PERSONS ALIVE AT BEGINNING OF AGE INTERVAL DYING DURING INTERVAL	OF 100,000 BORN ALIVE		AVERAGE NUMBER OF YEARS OF LIFE REMAINING AT BEGINNING OF AGE INTERVAL
		NUMBER LIVING AT BEGINNING OF AGE INTERVAL	STATIONARY POPULATION IN AGE INTERVAL			NUMBER LIVING AT BEGINNING OF AGE INTERVAL	STATIONARY POPULATION IN AGE INTERVAL	
x to $x+n$	${}_nq_x$	l_x	${}_nL_x$	$\mathring{e}_x$	${}_nq_x$	l_x	${}_nL_x$	$\mathring{e}_x$
	ATHEROSCLEROSIS (440)				PNUEMONIA AND INFLUENZA (480-487)			
0-1	.02061	100,000	98,341	65.71	.02000	100,000	98,390	66.01
1-5	.00388	97,939	390,877	66.09	.00374	98,000	391,151	66.35
5-10	.00228	97,559	487,183	62.34	.00224	97,633	487,561	62.60
10-15	.00230	97,337	486,237	57.48	.00228	97,414	486,626	57.73
15-20	.00702	97,113	484,072	52.60	.00698	97,192	484,476	52.86
20-25	.01277	96,431	479,264	47.95	.01267	96,514	479,698	48.21
25-30	.01611	95,200	472,261	43.54	.01595	95,291	472,753	43.79
30-35	.01895	93,666	464,011	39.21	.01865	93,772	464,604	39.46
35-40	.02443	91,891	454,098	34.92	.02381	92,023	454,887	35.16
40-45	.03418	89,646	440,996	30.73	.03338	89,832	442,080	30.96
45-50	.05104	86,582	422,512	26.72	.04991	86,833	423,967	26.93
50-55	.07449	82,163	396,226	23.02	.07308	82,499	398,125	23.21
55-60	.10396	76,042	361,116	19.66	.10219	76,470	363,476	19.83
60-65	.14001	68,137	317,468	16.64	.13787	68,656	320,245	16.80
65-70	.18219	58,597	266,662	13.93	.17938	59,191	269,775	14.07
70-75	.24075	47,921	210,908	11.47	.23781	48,573	214,133	11.59
75-80	.30685	36,384	153,750	9.31	.30233	37,022	156,867	9.43
80-85	.41537	25,220	99,275	7.34	.40962	25,829	102,054	7.44
85-90	.52154	14,744	53,174	5.81	.51241	15,249	55,367	5.91
90-95	.63393	7,054	22,868	4.62	.62756	7,435	24,235	4.67
95-100	.72806	2,582	7,328	3.75	.72360	2,769	7,895	3.80
100 AND OVER	1.00000	702	1,856	3.36	1.00000	765	2,039	3.43
	CHRONIC OBSTRUCTIVE PULMONARY DISEASES AND ALLIED CONDITIONS (490-496)				CHRONIC LIVER DISEASE AND CIRRHOSIS (571)			
0-1	.02058	100,000	98,343	65.88	.02060	100,000	98,342	66.08
1-5	.00384	97,942	390,898	66.26	.00388	97,940	390,881	66.46
5-10	.00226	97,566	487,221	62.51	.00227	97,560	487,188	62.71
10-15	.00226	97,345	486,285	57.65	.00230	97,338	486,242	57.85
15-20	.00698	97,125	484,143	52.77	.00702	97,114	484,079	52.98
20-25	.01272	96,448	479,361	48.12	.01271	96,433	479,286	48.33
25-30	.01605	95,222	472,386	43.71	.01575	95,207	472,379	43.92
30-35	.01886	93,694	464,170	39.38	.01797	93,707	464,440	39.58
35-40	.02428	91,927	454,309	35.09	.02260	92,024	455,157	35.26
40-45	.03393	89,695	441,288	30.89	.03152	89,944	443,027	31.01
45-50	.05054	86,651	422,951	26.89	.04780	87,109	425,747	26.94
50-55	.07362	82,272	396,923	23.18	.07078	82,945	400,732	23.16
55-60	.10238	76,215	362,227	19.81	.10085	77,074	366,595	19.72
60-65	.13750	68,412	319,166	16.78	.13757	69,301	323,302	16.64
65-70	.17864	59,005	269,035	14.04	.18072	59,767	272,204	13.89
70-75	.23661	48,464	213,797	11.55	.24094	48,966	215,484	11.40
75-80	.30278	36,997	156,719	9.34	.30891	37,168	156,868	9.21
80-85	.41349	25,795	101,663	7.33	.42036	25,686	100,783	7.23
85-90	.52230	15,129	54,532	5.77	.52935	14,889	53,386	5.70
90-95	.64090	7,227	23,289	4.54	.64635	7,007	22,475	4.49
95-100	.73769	2,595	7,292	3.67	.74433	2,478	6,915	3.62
100 AND OVER	1.00000	681	1,775	3.27	1.00000	634	1,647	3.25

TABLE 4. ABRIDGED LIFE TABLES FOR ALL CAUSES OF DEATH COMBINED AND ELIMINATING SPECIFIED CAUSES, FOR MALES OTHER THAN WHITE: UNITED STATES, 1979-81--CON.

(NUMBERS AFTER CAUSES OF DEATH ARE CATEGORY NUMBERS OF THE NINTH REVISION INTERNATIONAL CLASSIFICATION OF DISEASES, 1975)

PERIOD OF LIFE BETWEEN TWO EXACT AGES STATED IN YEARS	PROPORTION OF PERSONS ALIVE AT BEGINNING OF AGE INTERVAL DYING DURING INTERVAL	OF 100,000 BORN ALIVE		AVERAGE NUMBER OF YEARS OF LIFE REMAINING AT BEGINNING OF AGE INTERVAL	PROPORTION OF PERSONS ALIVE AT BEGINNING OF AGE INTERVAL DYING DURING INTERVAL	OF 100,000 BORN ALIVE		AVERAGE NUMBER OF YEARS OF LIFE REMAINING AT BEGINNING OF AGE INTERVAL
		NUMBER LIVING AT BEGINNING OF AGE INTERVAL	STATIONARY POPULATION IN AGE INTERVAL			NUMBER LIVING AT BEGINNING OF AGE INTERVAL	STATIONARY POPULATION IN AGE INTERVAL	
x to $x+n$	${}_nq_x$	l_x	${}_nL_x$	$\mathring{e}_x$	${}_nq_x$	l_x	${}_nL_x$	$\mathring{e}_x$
	MOTOR VEHICLE ACCIDENTS (E810-E825)				ALL OTHER ACCIDENTS AND ADVERSE EFFECTS (E800-E807,E826-E949)			
0-1	.02055	100,000	98,346	66.31	.02018	100,000	98,376	66.51
1-5	.00341	97,945	391,007	66.70	.00275	97,982	391,306	66.88
5-10	.00166	97,611	487,608	62.92	.00150	97,713	488,160	63.06
10-15	.00189	97,449	486,877	58.03	.00149	97,566	487,540	58.15
15-20	.00557	97,265	485,138	53.13	.00576	97,421	485,877	53.23
20-25	.01042	96,723	481,250	48.41	.01113	96,860	481,768	48.52
25-30	.01389	95,716	475,338	43.89	.01424	95,782	475,585	44.04
30-35	.01693	94,386	468,042	39.47	.01687	94,418	468,214	39.64
35-40	.02251	92,788	458,958	35.11	.02229	92,825	459,188	35.28
40-45	.03235	90,700	446,573	30.86	.03188	90,756	446,950	31.02
45-50	.04935	87,766	428,639	26.80	.04847	87,863	429,294	26.95
50-55	.07288	83,435	402,681	23.06	.07161	83,604	403,750	23.19
55-60	.10250	77,354	367,618	19.66	.10138	77,617	369,078	19.78
60-65	.13907	69,425	323,628	16.61	.13740	69,748	325,415	16.72
65-70	.18156	59,770	272,093	13.88	.17989	60,164	274,134	13.97
70-75	.24118	48,918	215,244	11.40	.23933	49,341	217,332	11.48
75-80	.30846	37,120	156,709	9.22	.30550	37,532	158,728	9.31
80-85	.41980	25,670	100,757	7.23	.41541	26,066	102,604	7.31
85-90	.52885	14,894	53,424	5.70	.52364	15,238	54,871	5.77
90-95	.64580	7,017	22,517	4.49	.63846	7,259	23,441	4.56
95-100	.74370	2,485	6,938	3.63	.73664	2,624	7,380	3.69
100 AND OVER	1.00000	637	1,656	3.25	1.00000	691	1,813	3.32
	SUICIDE (E950-E959)				HOMICIDE AND LEGAL INTERVENTION (E960-E978)			
0-1	.02061	100,000	98,341	65.87	.02049	100,000	98,351	66.91
1-5	.00388	97,939	390,877	66.25	.00363	97,951	390,981	67.31
5-10	.00227	97,559	487,183	62.30	.00217	97,595	487,391	63.35
10-15	.00228	97,337	486,241	57.64	.00209	97,383	486,509	58.68
15-20	.00661	97,115	484,170	52.76	.00472	97,180	484,897	53.80
20-25	.01173	96,473	479,709	48.10	.00780	96,722	481,837	49.04
25-30	.01500	95,342	473,224	43.64	.01008	95,967	477,478	44.40
30-35	.01793	93,912	465,462	39.26	.01351	95,000	471,878	39.83
35-40	.02363	92,228	455,941	34.93	.01976	93,717	464,166	35.34
40-45	.03352	90,049	443,117	30.71	.03023	91,865	452,769	31.00
45-50	.05046	87,030	424,816	26.69	.04740	89,088	435,503	26.88
50-55	.07414	82,638	398,587	22.97	.07155	84,865	409,853	23.09
55-60	.10367	76,511	363,395	19.59	.10182	78,793	374,586	19.67
60-65	.14013	68,579	319,507	16.56	.13877	70,770	329,949	16.60
65-70	.18274	58,969	268,275	13.84	.18180	60,949	277,423	13.87
70-75	.24235	48,193	211,912	11.37	.24177	49,868	219,350	11.38
75-80	.30962	36,513	154,040	9.21	.30912	37,811	159,563	9.21
80-85	.42062	25,208	98,890	7.22	.42038	26,123	102,494	7.23
85-90	.52959	14,605	52,358	5.70	.52950	15,141	54,285	5.70
90-95	.64605	6,870	22,042	4.49	.64635	7,124	22,849	4.49
95-100	.74395	2,432	6,789	3.62	.74408	2,519	7,031	3.63
100 AND OVER	1.00000	623	1,617	3.24	1.00000	645	1,678	3.26

TABLE 5. ABRIDGED LIFE TABLES FOR ALL CAUSES OF DEATH COMBINED AND ELIMINATING SPECIFIED CAUSES, FOR FEMALES OTHER THAN WHITE: UNITED STATES, 1979-81

(NUMBERS AFTER CAUSES OF DEATH ARE CATEGORY NUMBERS OF THE NINTH REVISION INTERNATIONAL CLASSIFICATION OF DISEASES, 1975)

PERIOD OF LIFE BETWEEN TWO EXACT AGES STATED IN YEARS	PROPORTION OF PERSONS ALIVE AT BEGINNING OF AGE INTERVAL DYING DURING INTERVAL	OF 100,000 BORN ALIVE		AVERAGE NUMBER OF YEARS OF LIFE REMAINING AT BEGINNING OF AGE INTERVAL	PROPORTION OF PERSONS ALIVE AT BEGINNING OF AGE INTERVAL DYING DURING INTERVAL	OF 100,000 BORN ALIVE		AVERAGE NUMBER OF YEARS OF LIFE REMAINING AT BEGINNING OF AGE INTERVAL
		NUMBER LIVING AT BEGINNING OF AGE INTERVAL	STATIONARY POPULATION IN AGE INTERVAL			NUMBER LIVING AT BEGINNING OF AGE INTERVAL	STATIONARY POPULATION IN AGE INTERVAL	
x to $x+n$	${}_nq_x$	l_x	${}_nL_x$	$\mathring{e}_x$	${}_nq_x$	l_x	${}_nL_x$	$\mathring{e}_x$
	ELIMINATING NO CAUSE				SEPTICEMIA (038)			
0-1	.01739	100,000	98,596	74.00	.01723	100,000	98,609	74.12
1-5	.00308	98,261	392,321	74.31	.00305	98,277	392,392	74.42
5-10	.00155	97,958	489,370	70.53	.00154	97,977	489,468	70.64
10-15	.00140	97,806	488,722	65.64	.00140	97,826	488,822	65.75
15-20	.00271	97,669	487,737	60.73	.00270	97,689	487,839	60.84
20-25	.00419	97,404	486,057	55.88	.00417	97,425	486,167	55.99
25-30	.00572	96,996	483,651	51.11	.00569	97,019	483,773	51.22
30-35	.00749	96,441	480,493	46.39	.00744	96,467	480,632	46.50
35-40	.01121	95,719	476,098	41.72	.01113	95,749	476,264	41.82
40-45	.01730	94,646	469,416	37.16	.01715	94,683	469,631	37.27
45-50	.02673	93,009	459,230	32.77	.02657	93,059	459,513	32.87
50-55	.03946	90,523	444,163	28.59	.03913	90,587	444,549	28.69
55-60	.05694	86,951	422,984	24.66	.05649	87,043	423,525	24.75
60-65	.08071	82,000	394,150	20.99	.08013	82,126	394,869	21.08
65-70	.10924	75,382	357,072	17.60	.10832	75,545	358,012	17.69
70-75	.15858	67,147	310,011	14.44	.15729	67,362	311,214	14.52
75-80	.21453	56,499	252,758	11.68	.21278	56,767	254,201	11.75
80-85	.31175	44,378	187,541	9.17	.30896	44,688	189,160	9.24
85-90	.40972	30,543	120,684	7.19	.40618	30,881	122,300	7.25
90-95	.54867	18,029	63,943	5.49	.54423	18,338	65,255	5.53
95-100	.67199	8,137	25,130	4.30	.66878	8,358	25,888	4.33
100 AND OVER	1.00000	2,669	7,509	3.69	1.00000	2,768	7,817	3.72
	MALIGNANT NEOPLASMS, INCLUDING NEOPLASMS OF LYMPHATIC AND HEMATOPOIETIC TISSUES (140-208)				MALIGNANT NEOPLASMS OF RESPIRATORY AND INTRATHORACIC ORGANS (160-165)			
0-1	.01737	100,000	98,598	76.91	.01739	100,000	98,596	74.39
1-5	.00293	98,263	392,365	77.27	.00308	98,261	392,321	74.70
5-10	.00138	97,975	489,502	73.49	.00155	97,958	489,370	70.93
10-15	.00123	97,840	488,930	68.59	.00140	97,806	488,722	66.03
15-20	.00249	97,720	488,042	63.67	.00271	97,669	487,737	61.12
20-25	.00390	97,477	486,488	58.82	.00418	97,404	486,059	56.28
25-30	.00517	97,097	484,283	54.04	.00570	96,997	483,661	51.51
30-35	.00638	96,595	481,512	49.31	.00744	96,444	480,517	46.79
35-40	.00895	95,978	477,891	44.61	.01100	95,726	476,180	42.12
40-45	.01280	95,119	472,757	39.99	.01671	94,673	469,679	37.56
45-50	.01899	93,901	465,334	35.47	.02523	93,091	459,960	33.15
50-55	.02728	92,118	454,644	31.11	.03710	90,742	445,743	28.94
55-60	.03980	89,605	439,547	26.91	.05365	87,375	425,732	24.95
60-65	.05887	86,039	418,064	22.91	.07694	82,688	398,203	21.22
65-70	.08422	80,974	388,441	19.18	.10564	76,326	362,206	17.77
70-75	.12817	74,154	347,810	15.71	.15493	68,263	315,765	14.56
75-80	.18174	64,650	294,426	12.64	.21136	57,687	258,521	11.76
80-85	.27526	52,901	228,351	9.88	.30840	45,494	192,637	9.23
85-90	.37389	38,339	155,005	7.68	.40702	31,464	124,539	7.22
90-95	.51749	24,005	87,122	5.80	.54643	18,657	66,280	5.51
95-100	.64667	11,583	36,608	4.50	.67049	8,462	26,169	4.31
100 AND OVER	1.00000	4,093	11,668	3.79	1.00000	2,788	7,855	3.70

TABLE 5. ABRIDGED LIFE TABLES FOR ALL CAUSES OF DEATH COMBINED AND ELIMINATING SPECIFIED CAUSES, FOR FEMALES OTHER THAN WHITE: UNITED STATES, 1979-81--CON.

(NUMBERS AFTER CAUSES OF DEATH ARE CATEGORY NUMBERS OF THE NINTH REVISION INTERNATIONAL CLASSIFICATION OF DISEASES, 1975)

PERIOD OF LIFE BETWEEN TWO EXACT AGES STATED IN YEARS	PROPORTION OF PERSONS ALIVE AT BEGINNING OF AGE INTERVAL DYING DURING INTERVAL	OF 100,000 BORN ALIVE		AVERAGE NUMBER OF YEARS OF LIFE REMAINING AT BEGINNING OF AGE INTERVAL	PROPORTION OF PERSONS ALIVE AT BEGINNING OF AGE INTERVAL DYING DURING INTERVAL	OF 100,000 BORN ALIVE		AVERAGE NUMBER OF YEARS OF LIFE REMAINING AT BEGINNING OF AGE INTERVAL
		NUMBER LIVING AT BEGINNING OF AGE INTERVAL	STATIONARY POPULATION IN AGE INTERVAL			NUMBER LIVING AT BEGINNING OF AGE INTERVAL	STATIONARY POPULATION IN AGE INTERVAL	
x to $x+n$	${}_nq_x$	l_x	${}_nL_x$	$\mathring{e}_x$	${}_nq_x$	l_x	${}_nL_x$	$\mathring{e}_x$
	DIABETES MELLITUS (250)				DISEASES OF HEART (390-398,402,404-429)			
0-1	.01739	100,000	98,596	74.46	.01708	100,000	98,621	80.03
1-5	.00308	98,261	392,321	74.77	.00293	98,292	392,481	80.42
5-10	.00155	97,958	489,373	71.00	.00149	98,004	489,617	76.65
10-15	.00139	97,807	488,729	66.11	.00132	97,858	489,000	71.76
15-20	.00270	97,671	487,749	61.19	.00255	97,729	488,074	66.85
20-25	.00415	97,407	486,081	56.35	.00393	97,480	486,494	62.02
25-30	.00564	97,003	483,705	51.58	.00524	97,096	484,264	57.25
30-35	.00738	96,456	480,594	46.85	.00666	96,588	481,413	52.54
35-40	.01096	95,745	476,281	42.18	.00956	95,944	477,586	47.87
40-45	.01691	94,695	469,745	37.62	.01382	95,027	472,076	43.31
45-50	.02599	93,094	459,809	33.22	.02040	93,714	464,098	38.88
50-55	.03804	90,674	445,209	29.04	.02886	91,802	452,742	34.63
55-60	.05460	87,225	424,801	25.08	.03966	89,153	437,358	30.58
60-65	.07695	82,462	397,111	21.38	.05284	85,617	417,250	26.74
65-70	.10398	76,116	361,513	17.94	.06920	81,093	391,948	23.09
70-75	.15193	68,201	315,972	14.73	.09796	75,482	359,545	19.61
75-80	.20703	57,839	259,816	11.90	.12949	68,087	318,804	16.46
80-85	.30314	45,864	194,802	9.34	.18892	59,270	268,550	13.53
85-90	.40063	31,961	127,029	7.31	.25086	48,073	209,499	11.09
90-95	.54035	19,156	68,362	5.57	.34581	36,014	147,082	8.99
95-100	.66502	8,805	27,369	4.36	.43876	23,560	88,394	7.50
100 AND OVER	1.00000	2,950	8,348	3.73	1.00000	13,223	46,719	6.67
	ISCHEMIC HEART DISEASE (410-414)				CEREBROVASCULAR DISEASES (430-438)			
0-1	.01738	100,000	98,597	77.02	.01733	100,000	98,601	75.49
1-5	.00308	98,262	392,327	77.38	.00307	98,267	392,350	75.82
5-10	.00154	97,960	489,383	73.61	.00154	97,966	489,413	72.05
10-15	.00140	97,809	488,737	68.72	.00138	97,815	488,771	67.16
15-20	.00270	97,672	487,754	63.81	.00267	97,680	487,801	62.25
20-25	.00417	97,408	486,082	58.98	.00408	97,419	486,156	57.40
25-30	.00565	97,002	483,698	54.21	.00550	97,021	483,829	52.63
30-35	.00727	96,454	480,608	49.51	.00712	96,488	480,811	47.91
35-40	.01065	95,753	476,391	44.85	.01055	95,801	476,652	43.23
40-45	.01580	94,733	470,180	40.30	.01608	94,790	470,399	38.66
45-50	.02364	93,237	461,030	35.91	.02457	93,266	460,969	34.25
50-55	.03373	91,033	447,898	31.71	.03633	90,974	447,050	30.05
55-60	.04703	87,962	429,974	27.73	.05226	87,669	427,454	26.08
60-65	.06406	83,825	406,264	23.97	.07374	83,088	400,766	22.37
65-70	.08493	78,455	376,222	20.43	.09793	76,961	366,648	18.95
70-75	.12196	71,791	337,804	17.09	.13939	69,424	323,742	15.72
75-80	.16254	63,036	290,043	14.10	.18709	59,747	271,311	12.85
80-85	.23748	52,790	232,826	11.34	.27096	48,569	210,172	10.22
85-90	.31581	40,254	168,732	9.09	.35863	35,409	144,540	8.09
90-95	.42980	27,542	106,356	7.16	.48529	22,710	84,358	6.24
95-100	.54001	15,705	54,399	5.78	.60927	11,689	38,185	4.92
100 AND OVER	1.00000	7,224	23,179	5.04	1.00000	4,567	13,644	4.22

TABLE 5. ABRIDGED LIFE TABLES FOR ALL CAUSES OF DEATH COMBINED AND ELIMINATING SPECIFIED CAUSES, FOR FEMALES OTHER THAN WHITE: UNITED STATES, 1979–81—CON.

(NUMBERS AFTER CAUSES OF DEATH ARE CATEGORY NUMBERS OF THE NINTH REVISION INTERNATIONAL CLASSIFICATION OF DISEASES, 1975)

PERIOD OF LIFE BETWEEN TWO EXACT AGES STATED IN YEARS	PROPORTION OF PERSONS ALIVE AT BEGINNING OF AGE INTERVAL DYING DURING INTERVAL	OF 100,000 BORN ALIVE		AVERAGE NUMBER OF YEARS OF LIFE REMAINING AT BEGINNING OF AGE INTERVAL	PROPORTION OF PERSONS ALIVE AT BEGINNING OF AGE INTERVAL DYING DURING INTERVAL	OF 100,000 BORN ALIVE		AVERAGE NUMBER OF YEARS OF LIFE REMAINING AT BEGINNING OF AGE INTERVAL
		NUMBER LIVING AT BEGINNING OF AGE INTERVAL	STATIONARY POPULATION IN AGE INTERVAL			NUMBER LIVING AT BEGINNING OF AGE INTERVAL	STATIONARY POPULATION IN AGE INTERVAL	
x to $x+n$	${}_nq_x$	l_x	${}_nL_x$	$\mathring{e}_x$	${}_nq_x$	l_x	${}_nL_x$	$\mathring{e}_x$
	ATHEROSCLEROSIS (440)				PNUEMONIA AND INFLUENZA (480–487)			
0–1	.01739	100,000	98,596	74.14	.01692	100,000	98,634	74.30
1–5	.00308	98,261	392,321	74.45	.00297	98,308	392,535	74.58
5–10	.00155	97,958	489,370	70.68	.00152	98,016	489,668	70.80
10–15	.00140	97,806	488,722	65.78	.00137	97,867	489,034	65.90
15–20	.00271	97,669	487,737	60.87	.00267	97,733	488,066	60.99
20–25	.00419	97,404	486,057	56.03	.00411	97,472	486,413	56.14
25–30	.00572	96,996	483,651	51.25	.00560	97,071	484,052	51.37
30–35	.00748	96,441	480,493	46.53	.00734	96,527	480,956	46.64
35–40	.01120	95,719	476,100	41.87	.01099	95,819	476,645	41.97
40–45	.01728	94,647	469,426	37.31	.01693	94,766	470,093	37.40
45–50	.02670	93,012	459,252	32.92	.02630	93,162	460,077	33.00
50–55	.03937	90,529	444,212	28.75	.03890	90,711	445,205	28.82
55–60	.05676	86,965	423,090	24.82	.05608	87,182	424,286	24.88
60–65	.08031	82,029	394,367	21.15	.07967	82,293	395,761	21.20
65–70	.10836	75,441	357,512	17.77	.10767	75,736	359,035	17.81
70–75	.15698	67,266	310,819	14.62	.15610	67,581	312,420	14.65
75–80	.21149	56,706	254,107	11.86	.21041	57,032	255,720	11.88
80–85	.30586	44,713	189,611	9.36	.30503	45,032	191,057	9.37
85–90	.40031	31,037	123,382	7.37	.39917	31,296	124,505	7.37
90–95	.53484	18,612	66,694	5.67	.53519	18,804	67,362	5.65
95–100	.65415	8,658	27,177	4.48	.65537	8,740	27,405	4.45
100 AND OVER	1.00000	2,994	8,606	3.87	1.00000	3,012	8,610	3.82
	CHRONIC OBSTRUCTIVE PULMONARY DISEASES AND ALLIED CONDITIONS (490–496)				CHRONIC LIVER DISEASE AND CIRRHOSIS (571)			
0–1	.01737	100,000	98,598	74.13	.01738	100,000	98,597	74.29
1–5	.00306	98,263	392,334	74.44	.00308	98,262	392,325	74.60
5–10	.00153	97,962	489,395	70.66	.00155	97,959	489,375	70.83
10–15	.00138	97,812	488,756	65.77	.00139	97,807	488,729	65.94
15–20	.00268	97,677	487,784	60.85	.00270	97,671	487,749	61.02
20–25	.00415	97,415	486,119	56.01	.00415	97,407	486,081	56.18
25–30	.00566	97,010	483,735	51.23	.00548	97,003	483,741	51.41
30–35	.00741	96,461	480,610	46.51	.00699	96,471	480,757	46.67
35–40	.01107	95,746	476,263	41.84	.01027	95,797	476,695	41.98
40–45	.01713	94,686	469,651	37.28	.01608	94,813	470,512	37.39
45–50	.02644	93,064	459,563	32.88	.02517	93,288	460,948	32.96
50–55	.03898	90,603	444,658	28.70	.03773	90,940	446,582	28.74
55–60	.05621	87,071	423,720	24.76	.05521	87,509	426,059	24.77
60–65	.07966	82,177	395,207	21.08	.07925	82,678	397,698	21.06
65–70	.10801	75,631	358,476	17.68	.10790	76,126	360,843	17.65
70–75	.15719	67,462	311,692	14.50	.15764	67,912	313,698	14.47
75–80	.21293	56,858	254,587	11.72	.21382	57,207	256,026	11.69
80–85	.31004	44,751	189,307	9.21	.31128	44,975	190,116	9.18
85–90	.40787	30,876	122,147	7.21	.40936	30,975	122,419	7.19
90–95	.54717	18,283	64,916	5.50	.54855	18,295	64,892	5.49
95–100	.67078	8,279	25,598	4.31	.67192	8,259	25,510	4.30
100 AND OVER	1.00000	2,726	7,678	3.70	1.00000	2,710	7,625	3.69

TABLE 5. ABRIDGED LIFE TABLES FOR ALL CAUSES OF DEATH COMBINED AND ELIMINATING SPECIFIED CAUSES, FOR FEMALES OTHER THAN WHITE: UNITED STATES, 1979-81—CON.

(NUMBERS AFTER CAUSES OF DEATH ARE CATEGORY NUMBERS OF THE NINTH REVISION INTERNATIONAL CLASSIFICATION OF DISEASES, 1975)

PERIOD OF LIFE BETWEEN TWO EXACT AGES STATED IN YEARS	PROPORTION OF PERSONS ALIVE AT BEGINNING OF AGE INTERVAL DYING DURING INTERVAL	OF 100,000 BORN ALIVE		AVERAGE NUMBER OF YEARS OF LIFE REMAINING AT BEGINNING OF AGE INTERVAL	PROPORTION OF PERSONS ALIVE AT BEGINNING OF AGE INTERVAL DYING DURING INTERVAL	OF 100,000 BORN ALIVE		AVERAGE NUMBER OF YEARS OF LIFE REMAINING AT BEGINNING OF AGE INTERVAL
		NUMBER LIVING AT BEGINNING OF AGE INTERVAL	STATIONARY POPULATION IN AGE INTERVAL			NUMBER LIVING AT BEGINNING OF AGE INTERVAL	STATIONARY POPULATION IN AGE INTERVAL	
x to $x+n$	${}_nq_x$	l_x	${}_nL_x$	$\mathring{e}_x$	${}_nq_x$	l_x	${}_nL_x$	$\mathring{e}_x$
	MOTOR VEHICLE ACCIDENTS (E810-E825)				ALL OTHER ACCIDENTS AND ADVERSE EFFECTS (E800-E807,E826-E949)			
0-1	.01735	100,000	98,599	74.26	.01701	100,000	98,627	74.41
1-5	.00272	98,265	392,420	74.57	.00232	98,299	392,652	74.69
5-10	.00121	97,997	489,659	70.77	.00116	98,071	490,040	70.86
10-15	.00119	97,879	489,134	65.85	.00113	97,957	489,535	65.94
15-20	.00221	97,763	488,319	60.93	.00245	97,846	488,679	61.01
20-25	.00364	97,547	486,897	56.06	.00386	97,606	487,140	56.15
25-30	.00518	97,192	484,755	51.25	.00530	97,229	484,909	51.36
30-35	.00699	96,689	481,842	46.50	.00702	96,713	481,955	46.62
35-40	.01077	96,013	477,659	41.81	.01072	96,034	477,775	41.93
40-45	.01680	94,979	471,179	37.24	.01674	95,005	471,320	37.36
45-50	.02631	93,384	461,173	32.83	.02607	93,415	461,377	32.95
50-55	.03894	90,927	446,256	28.64	.03872	90,979	446,559	28.76
55-60	.05646	87,386	425,199	24.70	.05610	87,456	425,616	24.81
60-65	.08022	82,452	396,420	21.02	.07961	82,550	397,010	21.13
65-70	.10883	75,838	359,306	17.63	.10789	75,978	360,144	17.73
70-75	.15808	67,584	312,109	14.46	.15659	67,781	313,263	14.56
75-80	.21403	56,900	254,623	11.69	.21169	57,167	256,145	11.79
80-85	.31122	44,722	189,055	9.18	.30790	45,065	190,877	9.27
85-90	.40933	30,804	121,746	7.19	.40423	31,190	123,678	7.28
90-95	.54852	18,195	64,540	5.49	.54226	18,582	66,221	5.56
95-100	.67185	8,215	25,375	4.30	.66625	8,506	26,409	4.35
100 AND OVER	1.00000	2,696	7,588	3.69	1.00000	2,839	8,036	3.74
	SUICIDE (E950-E959)				HOMICIDE AND LEGAL INTERVENTION (E960-E978)			
0-1	.01739	100,000	98,596	74.08	.01729	100,000	98,604	74.33
1-5	.00308	98,261	392,321	74.38	.00286	98,271	392,413	74.63
5-10	.00155	97,958	489,370	70.61	.00146	97,990	489,555	70.84
10-15	.00139	97,806	488,724	65.72	.00129	97,847	488,952	65.94
15-20	.00260	97,670	487,767	60.80	.00214	97,721	488,125	61.03
20-25	.00398	97,416	486,164	55.96	.00309	97,512	486,850	56.15
25-30	.00548	97,028	483,866	51.17	.00464	97,211	484,975	51.32
30-35	.00721	96,496	480,832	46.44	.00653	96,760	482,301	46.54
35-40	.01099	95,801	476,557	41.75	.01033	96,128	478,329	41.83
40-45	.01706	94,749	469,980	37.19	.01668	95,135	471,977	37.24
45-50	.02655	93,133	459,883	32.79	.02607	93,548	462,035	32.83
50-55	.03929	90,661	444,877	28.61	.03901	91,109	447,136	28.64
55-60	.05676	87,099	423,741	24.67	.05653	87,555	426,009	24.69
60-65	.08056	82,155	394,923	21.00	.08024	82,606	397,154	21.01
65-70	.10912	75,536	357,825	17.61	.10889	75,977	359,955	17.62
70-75	.15845	67,294	310,710	14.45	.15827	67,704	312,634	14.46
75-80	.21440	56,631	253,366	11.68	.21425	56,989	254,990	11.69
80-85	.31165	44,489	188,021	9.18	.31140	44,779	189,275	9.18
85-90	.40965	30,624	121,010	7.19	.40954	30,835	121,852	7.19
90-95	.54858	18,079	64,124	5.49	.54846	18,207	64,584	5.49
95-100	.67192	8,161	25,204	4.30	.67185	8,221	25,394	4.30
100 AND OVER	1.00000	2,677	7,531	3.69	1.00000	2,698	7,592	3.69

TABLE 6. ABRIDGED LIFE TABLES FOR ALL CAUSES OF DEATH COMBINED AND ELIMINATING SPECIFIED CAUSES, FOR BLACK MALES: UNITED STATES, 1979-81

(NUMBERS AFTER CAUSES OF DEATH ARE CATEGORY NUMBERS OF THE NINTH REVISION INTERNATIONAL CLASSIFICATION OF DISEASES, 1975)

PERIOD OF LIFE BETWEEN TWO EXACT AGES STATED IN YEARS	PROPORTION OF PERSONS ALIVE AT BEGINNING OF AGE INTERVAL DYING DURING INTERVAL	OF 100,000 BORN ALIVE		AVERAGE NUMBER OF YEARS OF LIFE REMAINING AT BEGINNING OF AGE INTERVAL	PROPORTION OF PERSONS ALIVE AT BEGINNING OF AGE INTERVAL DYING DURING INTERVAL	OF 100,000 BORN ALIVE		AVERAGE NUMBER OF YEARS OF LIFE REMAINING AT BEGINNING OF AGE INTERVAL
		NUMBER LIVING AT BEGINNING OF AGE INTERVAL	STATIONARY POPULATION IN AGE INTERVAL			NUMBER LIVING AT BEGINNING OF AGE INTERVAL	STATIONARY POPULATION IN AGE INTERVAL	
x to $x+n$	${}_nq_x$	l_x	${}_nL_x$	$\mathring{e}_x$	${}_nq_x$	l_x	${}_nL_x$	$\mathring{e}_x$
	ELIMINATING NO CAUSE				SEPTICEMIA (038)			
0-1	.02297	100,000	98,142	64.10	.02281	100,000	98,155	64.20
1-5	.00412	97,703	389,879	64.60	.00407	97,719	389,955	64.70
5-10	.00246	97,300	485,838	60.86	.00245	97,321	485,946	60.96
10-15	.00242	97,061	484,825	56.01	.00241	97,083	484,937	56.10
15-20	.00717	96,826	482,615	51.14	.00716	96,849	482,732	51.23
20-25	.01358	96,132	477,617	46.48	.01355	96,156	477,742	46.58
25-30	.01795	94,827	470,015	42.09	.01791	94,853	470,152	42.18
30-35	.02196	93,125	460,669	37.81	.02185	93,154	460,836	37.90
35-40	.02844	91,080	449,210	33.60	.02828	91,118	449,431	33.69
40-45	.03947	88,490	434,181	29.51	.03927	88,541	434,474	29.60
45-50	.05803	84,997	413,324	25.61	.05772	85,064	413,711	25.70
50-55	.08308	80,065	384,409	22.03	.08258	80,154	384,933	22.11
55-60	.11487	73,413	346,623	18.79	.11411	73,535	347,335	18.87
60-65	.15265	64,980	300,648	15.89	.15166	65,144	301,563	15.97
65-70	.19702	55,061	248,464	13.29	.19568	55,264	249,563	13.36
70-75	.26001	44,213	192,338	10.94	.25817	44,450	193,573	11.00
75-80	.32705	32,717	136,412	8.90	.32474	32,974	137,677	8.96
80-85	.43757	22,017	85,251	7.03	.43465	22,266	86,383	7.08
85-90	.53905	12,383	43,946	5.61	.53445	12,588	44,828	5.66
90-95	.64804	5,708	18,260	4.47	.64367	5,860	18,817	4.51
95-100	.74465	2,009	5,604	3.62	.73972	2,088	5,854	3.65
100 AND OVER	1.00000	513	1,332	3.24	1.00000	543	1,415	3.27
	MALIGNANT NEOPLASMS, INCLUDING NEOPLASMS OF LYMPHATIC AND HEMATOPOIETIC TISSUES (140-208)				MALIGNANT NEOPLASMS OF RESPIRATORY AND INTRATHORACIC ORGANS (160-165)			
0-1	.02294	100,000	98,144	67.32	.02297	100,000	98,142	65.14
1-5	.00395	97,706	389,930	67.89	.00412	97,703	389,879	65.67
5-10	.00225	97,320	485,993	64.16	.00245	97,300	485,838	61.94
10-15	.00219	97,101	485,070	59.30	.00242	97,061	484,825	57.08
15-20	.00681	96,888	482,999	54.42	.00716	96,826	482,615	52.21
20-25	.01316	96,228	478,186	49.77	.01356	96,132	477,622	47.57
25-30	.01742	94,961	470,799	45.40	.01792	94,829	470,032	43.19
30-35	.02109	93,306	461,761	41.16	.02183	93,130	460,723	38.93
35-40	.02628	91,338	450,954	36.99	.02784	91,097	449,424	34.74
40-45	.03414	88,938	437,503	32.92	.03740	88,561	434,964	30.66
45-50	.04680	85,902	420,005	28.99	.05321	85,249	415,520	26.75
50-55	.06312	81,882	397,045	25.28	.07450	80,713	389,178	23.10
55-60	.08429	76,714	367,896	21.81	.10164	74,700	355,097	19.75
60-65	.11073	70,248	332,220	18.58	.13529	67,108	313,342	16.70
65-70	.14395	62,469	290,094	15.58	.17716	58,029	264,709	13.91
70-75	.19748	53,476	240,992	12.77	.24089	47,749	210,003	11.36
75-80	.26086	42,916	186,150	10.30	.31032	36,247	152,670	9.17
80-85	.36548	31,721	128,721	8.07	.42356	24,999	97,699	7.19
85-90	.47401	20,128	7+,956	6.32	.52971	14,410	51,502	5.70
90-95	.59511	10,587	35,426	4.94	.64182	6,777	21,796	4.52
95-100	.70383	4,287	12,479	3.93	.74104	2,427	6,797	3.65
100 AND OVER	1.00000	1,270	3,398	3.45	1.00000	629	1,640	3.27

TABLE 6. ABRIDGED LIFE TABLES FOR ALL CAUSES OF DEATH COMBINED AND ELIMINATING SPECIFIED CAUSES, FOR BLACK MALES: UNITED STATES, 1979-81--CON.

(NUMBERS AFTER CAUSES OF DEATH ARE CATEGORY NUMBERS OF THE NINTH REVISION INTERNATIONAL CLASSIFICATION OF DISEASES, 1975)

PERIOD OF LIFE BETWEEN TWO EXACT AGES STATED IN YEARS	PROPORTION OF PERSONS ALIVE AT BEGINNING OF AGE INTERVAL DYING DURING INTERVAL	OF 100,000 BORN ALIVE		AVERAGE NUMBER OF YEARS OF LIFE REMAINING AT BEGINNING OF AGE INTERVAL	PROPORTION OF PERSONS ALIVE AT BEGINNING OF AGE INTERVAL DYING DURING INTERVAL	OF 100,000 BORN ALIVE		AVERAGE NUMBER OF YEARS OF LIFE REMAINING AT BEGINNING OF AGE INTERVAL
		NUMBER LIVING AT BEGINNING OF AGE INTERVAL	STATIONARY POPULATION IN AGE INTERVAL			NUMBER LIVING AT BEGINNING OF AGE INTERVAL	STATIONARY POPULATION IN AGE INTERVAL	
x to $x+n$	${}_nq_x$	l_x	${}_nL_x$	$\mathring{e}_x$	${}_nq_x$	l_x	${}_nL_x$	$\mathring{e}_x$
	DIABETES MELLITUS (250)				DISEASES OF HEART (390-398,402,404-429)			
0-1	.02297	100,000	98,142	64.32	.02260	100,000	98,172	69.28
1-5	.00412	97,703	389,881	64.82	.00393	97,740	390,071	69.88
5-10	.00245	97,301	485,846	61.09	.00241	97,356	486,129	66.15
10-15	.00241	97,063	484,837	56.23	.00233	97,121	485,143	61.31
15-20	.00715	96,829	482,634	51.36	.00691	96,895	483,015	56.44
20-25	.01352	96,137	477,654	46.71	.01310	96,226	478,190	51.81
25-30	.01785	94,837	470,087	42.31	.01699	94,965	470,920	47.47
30-35	.02176	93,144	460,808	38.03	.01999	93,352	462,238	43.24
35-40	.02809	91,117	449,469	33.82	.02405	91,486	452,172	39.07
40-45	.03889	88,558	434,637	29.72	.03073	89,286	439,934	34.97
45-50	.05716	85,114	414,067	25.82	.04226	86,542	424,061	31.00
50-55	.08181	80,249	385,537	22.23	.05825	82,884	402,868	27.25
55-60	.11281	73,684	348,271	18.97	.07743	78,056	375,629	23.77
60-65	.15002	65,372	302,882	16.06	.10158	72,012	342,175	20.55
65-70	.19340	55,565	251,236	13.44	.13178	64,697	302,389	17.59
70-75	.25571	44,819	195,455	11.06	.17320	56,171	256,543	14.87
75-80	.32150	33,358	139,553	9.00	.21785	46,442	206,515	12.46
80-85	.43245	22,633	87,934	7.10	.29304	36,324	154,180	10.25
85-90	.53365	12,845	45,771	5.67	.36661	25,679	103,053	8.49
90-95	.64373	5,990	19,234	4.51	.45058	16,265	60,957	7.07
95-100	.74118	2,134	5,974	3.64	.52831	8,936	30,665	6.05
100 AND OVER	1.00000	552	1,438	3.26	1.00000	4,215	13,760	5.55
	ISCHEMIC HEART DISEASE (410-414)				CEREBROVASCULAR DISEASES (430-438)			
0-1	.02296	100,000	98,143	66.79	.02287	100,000	98,150	65.07
1-5	.00412	97,704	389,885	67.35	.00411	97,713	389,924	65.59
5-10	.00245	97,302	485,848	63.62	.00244	97,312	485,903	61.85
10-15	.00242	97,063	484,835	58.78	.00240	97,075	484,899	57.00
15-20	.00714	96,828	482,629	53.91	.00712	96,842	482,704	52.13
20-25	.01350	96,136	477,653	49.28	.01344	96,152	477,745	47.48
25-30	.01769	94,838	470,131	44.92	.01772	94,859	470,228	43.09
30-35	.02117	93,161	461,026	40.68	.02144	93,179	461,053	38.82
35-40	.02635	91,189	450,202	36.50	.02732	91,181	449,952	34.62
40-45	.03477	88,786	436,622	32.42	.03756	88,690	435,564	30.51
45-50	.04900	85,699	418,567	28.49	.05488	85,359	415,720	26.60
50-55	.06844	81,500	394,154	24.82	.07833	80,675	388,256	22.99
55-60	.09253	75,922	362,581	21.46	.10803	74,356	352,308	19.73
60-65	.12196	68,897	323,942	18.38	.14244	66,323	308,517	16.80
65-70	.15685	60,495	278,999	15.58	.18219	56,876	258,741	14.17
70-75	.20646	51,007	228,719	13.01	.23744	46,514	204,970	11.77
75-80	.26018	40,476	175,636	10.74	.29661	35,469	150,627	9.65
80-85	.35089	29,945	122,641	8.66	.39811	24,948	99,138	7.68
85-90	.43941	19,438	74,198	7.03	.49586	15,016	55,035	6.16
90-95	.53662	10,897	38,233	5.72	.59876	7,570	25,252	4.95
95-100	.62368	5,049	15,897	4.78	.69727	3,037	8,898	4.03
100 AND OVER	1.00000	1,900	5,633	4.33	1.00000	919	2,518	3.63

TABLE 6. ABRIDGED LIFE TABLES FOR ALL CAUSES OF DEATH COMBINED AND ELIMINATING SPECIFIED CAUSES, FOR BLACK MALES: UNITED STATES, 1979-81--CON.

(NUMBERS AFTER CAUSES OF DEATH ARE CATEGORY NUMBERS OF THE NINTH REVISION INTERNATIONAL CLASSIFICATION OF DISEASES, 1975)

PERIOD OF LIFE BETWEEN TWO EXACT AGES STATED IN YEARS	PROPORTION OF PERSONS ALIVE AT BEGINNING OF AGE INTERVAL DYING DURING INTERVAL	OF 100,000 BORN ALIVE		AVERAGE NUMBER OF YEARS OF LIFE REMAINING AT BEGINNING OF AGE INTERVAL	PROPORTION OF PERSONS ALIVE AT BEGINNING OF AGE INTERVAL DYING DURING INTERVAL	OF 100,000 BORN ALIVE		AVERAGE NUMBER OF YEARS OF LIFE REMAINING AT BEGINNING OF AGE INTERVAL
		NUMBER LIVING AT BEGINNING OF AGE INTERVAL	STATIONARY POPULATION IN AGE INTERVAL			NUMBER LIVING AT BEGINNING OF AGE INTERVAL	STATIONARY POPULATION IN AGE INTERVAL	
x to $x+n$	${}_nq_x$	l_x	${}_nL_x$	$\mathring{e}_x$	${}_nq_x$	l_x	${}_nL_x$	$\mathring{e}_x$
	ATHEROSCLEROSIS (440)				PNUEMONIA AND INFLUENZA (480-487)			
0-1	.02297	100,000	98,142	64.17	.02230	100,000	98,196	64.48
1-5	.00412	97,703	389,879	64.68	.00398	97,770	390,179	64.94
5-10	.00246	97,300	485,838	60.94	.00242	97,381	486,251	61.20
10-15	.00242	97,061	484,825	56.08	.00240	97,145	485,249	56.34
15-20	.00717	96,826	482,615	51.21	.00712	96,912	483,054	51.47
20-25	.01358	96,132	477,617	46.56	.01348	96,222	478,086	46.82
25-30	.01795	94,827	470,015	42.17	.01776	94,925	470,544	42.42
30-35	.02196	93,125	460,669	37.89	.02160	93,239	461,314	38.14
35-40	.02842	91,080	449,212	33.68	.02769	91,225	450,088	33.93
40-45	.03944	88,491	434,193	29.59	.03848	88,699	435,415	29.82
45-50	.05794	85,001	413,361	25.70	.05661	85,286	415,015	25.91
50-55	.08288	80,076	384,500	22.12	.08131	80,458	386,637	22.30
55-60	.11453	73,439	346,806	18.88	.11255	73,916	349,414	19.04
60-65	.15196	65,028	300,981	15.99	.14967	65,597	303,980	16.13
65-70	.19589	55,147	249,005	13.40	.19299	55,779	252,259	13.52
70-75	.25785	44,344	193,148	11.04	.25484	45,014	196,403	11.15
75-80	.32358	32,910	137,506	9.01	.31942	33,542	140,501	9.11
80-85	.43163	22,261	86,535	7.15	.42645	22,828	89,046	7.23
85-90	.53029	12,652	45,199	5.74	.52213	13,093	47,063	5.81
90-95	.63530	5,943	19,221	4.60	.63090	6,257	20,313	4.64
95-100	.72775	2,167	6,154	3.76	.72668	2,309	6,564	3.77
100 AND OVER	1.00000	590	1,564	3.38	1.00000	631	1,680	3.41
	CHRONIC OBSTRUCTIVE PULMONARY DISEASES AND ALLIED CONDITIONS (490-496)				CHRONIC LIVER DISEASE AND CIRRHOSIS (571)			
0-1	.02293	100,000	98,145	64.35	.02296	100,000	98,143	64.56
1-5	.00408	97,707	389,904	64.85	.00412	97,704	389,883	65.07
5-10	.00244	97,308	485,884	61.11	.00245	97,301	485,843	61.33
10-15	.00238	97,071	484,883	56.26	.00242	97,062	484,830	56.48
15-20	.00712	96,840	482,696	51.38	.00716	96,827	482,622	51.61
20-25	.01352	96,151	477,724	46.73	.01352	96,134	477,639	46.96
25-30	.01787	94,851	470,152	42.33	.01756	94,834	470,140	42.57
30-35	.02185	93,156	460,846	38.06	.02085	93,169	461,136	38.28
35-40	.02825	91,120	449,448	33.85	.02634	91,226	450,387	34.04
40-45	.03915	88,546	434,525	29.76	.03645	88,823	436,450	29.89
45-50	.05736	85,080	413,862	25.86	.05442	85,585	416,914	25.92
50-55	.08191	80,200	385,283	22.28	.07886	80,928	389,370	22.26
55-60	.11278	73,631	348,026	19.03	.11121	74,546	352,635	18.95
60-65	.14924	65,327	302,799	16.12	.14948	66,256	307,065	15.99
65-70	.19217	55,578	251,462	13.50	.19443	56,352	254,649	13.36
70-75	.25352	44,897	196,043	11.12	.25812	45,395	197,696	10.97
75-80	.31950	33,515	140,382	9.04	.32592	33,678	140,516	8.92
80-85	.42995	22,807	88,758	7.13	.43694	22,702	87,941	7.04
85-90	.53194	13,001	46,387	5.68	.53847	12,783	45,386	5.62
90-95	.64304	6,085	19,550	4.52	.64769	5,900	18,881	4.48
95-100	.73914	2,172	6,095	3.66	.74451	2,079	5,800	3.62
100 AND OVER	1.00000	567	1,477	3.26	1.00000	531	1,379	3.25

TABLE 6. ABRIDGED LIFE TABLES FOR ALL CAUSES OF DEATH COMBINED AND ELIMINATING SPECIFIED CAUSES, FOR BLACK MALES: UNITED STATES, 1979-81--CON.

(NUMBERS AFTER CAUSES OF DEATH ARE CATEGORY NUMBERS OF THE NINTH REVISION INTERNATIONAL CLASSIFICATION OF DISEASES, 1975)

PERIOD OF LIFE BETWEEN TWO EXACT AGES STATED IN YEARS	PROPORTION OF PERSONS ALIVE AT BEGINNING OF AGE INTERVAL DYING DURING INTERVAL	OF 100,000 BORN ALIVE		AVERAGE NUMBER OF YEARS OF LIFE REMAINING AT BEGINNING OF AGE INTERVAL	PROPORTION OF PERSONS ALIVE AT BEGINNING OF AGE INTERVAL DYING DURING INTERVAL	OF 100,000 BORN ALIVE		AVERAGE NUMBER OF YEARS OF LIFE REMAINING AT BEGINNING OF AGE INTERVAL
		NUMBER LIVING AT BEGINNING OF AGE INTERVAL	STATIONARY POPULATION IN AGE INTERVAL			NUMBER LIVING AT BEGINNING OF AGE INTERVAL	STATIONARY POPULATION IN AGE INTERVAL	
x to $x+n$	${}_nq_x$	l_x	${}_nL_x$	$\mathring{e}_x$	${}_nq_x$	l_x	${}_nL_x$	$\mathring{e}_x$
	MOTOR VEHICLE ACCIDENTS (E810-E825)				ALL OTHER ACCIDENTS AND ADVERSE EFFECTS (E800-E807,E826-E949)			
0-1	.02292	100,000	98,146	64.75	.02249	100,000	98,181	65.00
1-5	.00366	97,708	390,003	65.27	.00292	97,751	390,342	65.49
5-10	.00180	97,350	486,265	61.50	.00162	97,465	486,890	61.68
10-15	.00202	97,175	485,475	56.61	.00155	97,308	486,232	56.78
15-20	.00590	96,979	483,646	51.72	.00587	97,157	484,541	51.86
20-25	.01136	96,407	479,482	47.01	.01192	96,587	480,251	47.15
25-30	.01574	95,312	472,929	42.51	.01596	95,436	473,493	42.69
30-35	.01981	93,812	464,557	38.15	.01966	93,913	465,089	38.34
35-40	.02641	91,954	453,967	33.87	.02600	92,066	454,611	34.05
40-45	.03755	89,526	439,671	29.72	.03687	89,673	440,539	29.89
45-50	.05616	86,164	419,379	25.78	.05505	86,367	420,592	25.94
50-55	.08121	81,325	390,821	22.15	.07976	81,612	392,486	22.29
55-60	.11303	74,720	353,126	18.88	.11177	75,103	355,168	19.00
60-65	.15108	66,274	306,888	15.96	.14926	66,709	309,200	16.07
65-70	.19541	56,261	254,103	13.35	.19353	56,752	256,585	13.44
70-75	.25834	45,267	197,113	10.97	.25639	45,769	199,521	11.06
75-80	.32554	33,573	140,110	8.92	.32233	34,034	142,311	9.01
80-85	.43629	22,644	87,754	7.04	.43176	23,064	89,651	7.12
85-90	.53798	12,765	45,339	5.62	.53281	13,106	46,732	5.69
90-95	.64718	5,898	18,882	4.48	.63959	6,123	19,732	4.55
95-100	.74364	2,081	5,810	3.62	.73736	2,207	6,205	3.68
100 AND OVER	1.00000	533	1,386	3.25	1.00000	580	1,520	3.31
	SUICIDE (E950-E959)				HOMICIDE AND LEGAL INTERVENTION (E960-E978)			
0-1	.02297	100,000	98,142	64.32	.02283	100,000	98,153	65.54
1-5	.00412	97,703	389,879	64.83	.00384	97,717	390,000	66.07
5-10	.00245	97,300	485,838	61.09	.00234	97,342	486,078	62.32
10-15	.00240	97,061	484,829	56.24	.00219	97,114	485,137	57.46
15-20	.00684	96,828	482,693	51.36	.00455	96,902	483,547	52.58
20-25	.01260	96,165	478,001	46.70	.00786	96,461	480,537	47.81
25-30	.01681	94,954	470,907	42.26	.01081	95,703	476,010	43.16
30-35	.02087	93,358	462,067	37.94	.01531	94,668	469,828	38.61
35-40	.02762	91,409	451,010	33.69	.02274	93,219	461,028	34.17
40-45	.03875	88,884	436,265	29.58	.03471	91,099	448,010	29.90
45-50	.05739	85,439	415,603	25.66	.05373	87,937	428,513	25.88
50-55	.08254	80,536	386,774	22.06	.07955	83,212	400,223	22.20
55-60	.11430	73,888	348,966	18.82	.11212	76,593	362,150	18.90
60-65	.15214	65,442	302,865	15.91	.15060	68,006	314,988	15.96
65-70	.19655	55,485	250,443	13.31	.19549	57,764	260,880	13.33
70-75	.25960	44,580	193,981	10.95	.25893	46,472	202,291	10.96
75-80	.32662	33,007	137,656	8.91	.32601	34,439	143,681	8.91
80-85	.43713	22,226	86,085	7.03	.43676	23,211	89,922	7.04
85-90	.53868	12,510	44,409	5.61	.53852	13,073	46,413	5.62
90-95	.64758	5,771	18,469	4.48	.64775	6,033	19,304	4.48
95-100	.74436	2,034	5,676	3.62	.74407	2,125	5,932	3.62
100 AND OVER	1.00000	520	1,352	3.24	1.00000	544	1,414	3.24

TABLE 7. ABRIDGED LIFE TABLES FOR ALL CAUSES OF DEATH COMBINED AND ELIMINATING SPECIFIED CAUSES, FOR BLACK FEMALES: UNITED STATES, 1979–81

(NUMBERS AFTER CAUSES OF DEATH ARE CATEGORY NUMBERS OF THE NINTH REVISION INTERNATIONAL CLASSIFICATION OF DISEASES, 1975)

PERIOD OF LIFE BETWEEN TWO EXACT AGES STATED IN YEARS	PROPORTION OF PERSONS ALIVE AT BEGINNING OF AGE INTERVAL DYING DURING INTERVAL	OF 100,000 BORN ALIVE		AVERAGE NUMBER OF YEARS OF LIFE REMAINING AT BEGINNING OF AGE INTERVAL	PROPORTION OF PERSONS ALIVE AT BEGINNING OF AGE INTERVAL DYING DURING INTERVAL	OF 100,000 BORN ALIVE		AVERAGE NUMBER OF YEARS OF LIFE REMAINING AT BEGINNING OF AGE INTERVAL
		NUMBER LIVING AT BEGINNING OF AGE INTERVAL	STATIONARY POPULATION IN AGE INTERVAL			NUMBER LIVING AT BEGINNING OF AGE INTERVAL	STATIONARY POPULATION IN AGE INTERVAL	
x to $x+n$	${}_nq_x$	l_x	${}_nL_x$	$\mathring{e}_x$	${}_nq_x$	l_x	${}_nL_x$	$\mathring{e}_x$
	ELIMINATING NO CAUSE				SEPTICEMIA (038)			
0-1	.01927	100,000	98,438	72.88	.01910	100,000	98,452	73.01
1-5	.00328	98,073	391,519	73.31	.00325	98,090	391,597	73.43
5-10	.00165	97,751	488,305	69.54	.00164	97,772	488,413	69.66
10-15	.00143	97,590	487,632	64.65	.00143	97,612	487,742	64.77
15-20	.00277	97,450	486,635	59.74	.00275	97,472	486,750	59.86
20-25	.00438	97,180	484,902	54.90	.00436	97,204	485,027	55.02
25-30	.00624	96,754	482,334	50.13	.00621	96,780	482,471	50.25
30-35	.00845	96,150	478,829	45.43	.00839	96,179	478,986	45.54
35-40	.01260	95,338	473,889	40.79	.01251	95,372	474,078	40.91
40-45	.01928	94,137	466,455	36.28	.01911	94,179	466,700	36.39
45-50	.02988	92,322	455,148	31.94	.02970	92,379	455,468	32.05
50-55	.04366	89,563	438,547	27.84	.04328	89,635	438,980	27.95
55-60	.06258	85,653	415,490	24.00	.06209	85,756	416,091	24.09
60-65	.08752	80,293	384,568	20.42	.08688	80,432	385,357	20.51
65-70	.11652	73,266	345,708	17.13	.11552	73,444	346,726	17.22
70-75	.16836	64,729	297,237	14.05	.16698	64,960	298,516	14.13
75-80	.22561	53,831	239,279	11.37	.22372	54,113	240,785	11.45
80-85	.32822	41,686	174,337	8.95	.32524	42,007	175,992	9.01
85-90	.41937	28,004	109,691	7.09	.41570	28,345	111,295	7.15
90-95	.55031	16,260	57,535	5.47	.54562	16,562	58,809	5.52
95-100	.67205	7,312	22,581	4.30	.66883	7,525	23,307	4.33
100 AND OVER	1.00000	2,398	6,747	3.69	1.00000	2,492	7,042	3.72
	MALIGNANT NEOPLASMS, INCLUDING NEOPLASMS OF LYMPHATIC AND HEMATOPOIETIC TISSUES (140–208)				MALIGNANT NEOPLASMS OF RESPIRATORY AND INTRATHORACIC ORGANS (160–165)			
0-1	.01925	100,000	98,440	75.85	.01927	100,000	98,438	73.28
1-5	.00312	98,075	391,565	76.33	.00328	98,073	391,519	73.72
5-10	.00147	97,769	488,442	72.57	.00165	97,751	488,305	69.95
10-15	.00125	97,625	487,848	67.67	.00143	97,590	487,632	65.06
15-20	.00254	97,503	486,950	62.75	.00277	97,450	486,635	60.15
20-25	.00407	97,255	485,347	57.91	.00437	97,180	484,904	55.31
25-30	.00564	96,859	482,997	53.13	.00622	96,755	482,344	50.55
30-35	.00723	96,313	479,918	48.42	.00840	96,153	478,856	45.85
35-40	.01014	95,617	475,823	43.75	.01236	95,346	473,983	41.21
40-45	.01436	94,647	470,065	39.17	.01863	94,168	466,752	36.69
45-50	.02135	93,287	461,772	34.71	.02818	92,414	455,971	32.34
50-55	.03039	91,296	449,902	30.40	.04099	89,810	440,322	28.20
55-60	.04390	88,521	433,343	26.27	.05893	86,128	418,542	24.29
60-65	.06416	84,635	410,118	22.36	.08350	81,052	388,986	20.65
65-70	.09016	79,205	378,775	18.72	.11281	74,284	351,177	17.29
70-75	.13650	72,064	336,483	15.31	.16469	65,904	303,219	14.17
75-80	.19190	62,227	281,761	12.33	.22249	55,050	245,121	11.45
80-85	.29055	50,286	215,022	9.65	.32513	42,802	179,334	9.00
85-90	.38301	35,675	143,088	7.58	.41664	28,886	113,349	7.13
90-95	.51921	22,011	79,703	5.78	.54816	16,851	59,722	5.49
95-100	.64732	10,583	33,426	4.50	.67067	7,614	23,542	4.31
100 AND OVER	1.00000	3,732	10,637	3.79	1.00000	2,507	7,064	3.70

TABLE 7. ABRIDGED LIFE TABLES FOR ALL CAUSES OF DEATH COMBINED AND ELIMINATING SPECIFIED CAUSES, FOR BLACK FEMALES: UNITED STATES, 1979-81—CON.

(NUMBERS AFTER CAUSES OF DEATH ARE CATEGORY NUMBERS OF THE NINTH REVISION INTERNATIONAL CLASSIFICATION OF DISEASES, 1975)

PERIOD OF LIFE BETWEEN TWO EXACT AGES STATED IN YEARS	PROPORTION OF PERSONS ALIVE AT BEGINNING OF AGE INTERVAL DYING DURING INTERVAL	OF 100,000 BORN ALIVE		AVERAGE NUMBER OF YEARS OF LIFE REMAINING AT BEGINNING OF AGE INTERVAL	PROPORTION OF PERSONS ALIVE AT BEGINNING OF AGE INTERVAL DYING DURING INTERVAL	OF 100,000 BORN ALIVE		AVERAGE NUMBER OF YEARS OF LIFE REMAINING AT BEGINNING OF AGE INTERVAL
		NUMBER LIVING AT BEGINNING OF AGE INTERVAL	STATIONARY POPULATION IN AGE INTERVAL			NUMBER LIVING AT BEGINNING OF AGE INTERVAL	STATIONARY POPULATION IN AGE INTERVAL	
x to $x+n$	${}_nq_x$	l_x	${}_nL_x$	$\mathring{e}_x$	${}_nq_x$	l_x	${}_nL_x$	$\mathring{e}_x$
	DIABETES MELLITUS (250)				DISEASES OF HEART (390-398,402,404-429)			
0-1	.01927	100,000	98,438	73.35	.01893	100,000	98,466	79.03
1-5	.00328	98,073	391,519	73.78	.00313	98,107	391,691	79.56
5-10	.00164	97,751	488,308	70.02	.00158	97,800	488,567	75.80
10-15	.00142	97,591	487,641	65.13	.00135	97,645	487,925	70.92
15-20	.00275	97,453	486,655	60.22	.00259	97,513	486,989	66.01
20-25	.00434	97,185	484,936	55.38	.00411	97,260	485,365	61.17
25-30	.00615	96,763	482,400	50.61	.00569	96,861	482,995	56.41
30-35	.00831	96,168	478,950	45.91	.00748	96,310	479,847	51.72
35-40	.01230	95,369	474,109	41.27	.01064	95,590	475,578	47.09
40-45	.01883	94,196	466,846	36.75	.01523	94,573	469,509	42.57
45-50	.02906	92,422	455,819	32.40	.02254	93,133	460,749	38.19
50-55	.04207	89,736	439,732	28.29	.03155	91,034	448,362	34.01
55-60	.06005	85,961	417,502	24.42	.04327	88,162	431,717	30.03
60-65	.08352	80,799	387,766	20.81	.05692	84,347	410,191	26.27
65-70	.11100	74,050	350,396	17.48	.07338	79,546	383,630	22.70
70-75	.16135	65,831	303,416	14.33	.10382	73,709	350,003	19.29
75-80	.21781	55,209	246,464	11.60	.13573	66,057	308,229	16.23
80-85	.31937	43,184	181,553	9.12	.19884	57,091	257,168	13.37
85-90	.41015	29,392	115,828	7.22	.25624	45,739	198,428	11.07
90-95	.54182	17,337	61,735	5.56	.34469	34,019	138,952	9.05
95-100	.66473	7,943	24,695	4.36	.43720	22,293	83,737	7.58
100 AND OVER	1.00000	2,663	7,539	3.74	1.00000	12,546	44,583	6.80
	ISCHEMIC HEART DISEASE (410-414)				CEREBROVASCULAR DISEASES (430-438)			
0-1	.01926	100,000	98,439	75.91	.01920	100,000	98,444	74.38
1-5	.00328	98,074	391,523	76.40	.00327	98,080	391,552	74.83
5-10	.00164	97,752	488,313	72.65	.00163	97,760	488,353	71.07
10-15	.00143	97,592	487,642	67.76	.00141	97,600	487,686	66.18
15-20	.00276	97,452	486,647	62.86	.00272	97,462	486,706	61.27
20-25	.00436	97,183	484,924	58.02	.00427	97,197	485,013	56.43
25-30	.00616	96,760	482,383	53.26	.00599	96,782	482,533	51.66
30-35	.00819	96,164	478,958	48.58	.00802	96,203	479,191	46.96
35-40	.01194	95,377	474,231	43.96	.01184	95,432	474,527	42.32
40-45	.01753	94,239	467,345	39.46	.01789	94,303	467,581	37.79
45-50	.02630	92,587	457,232	35.11	.02748	92,615	457,114	33.43
50-55	.03712	90,152	442,829	30.99	.04016	90,070	441,774	29.30
55-60	.05151	86,806	423,371	27.08	.05747	86,452	420,419	25.42
60-65	.06931	82,334	397,947	23.41	.07993	81,484	391,759	21.81
65-70	.09049	76,627	366,385	19.96	.10443	74,971	355,943	18.48
70-75	.12959	69,693	326,579	16.69	.14788	67,142	311,650	15.33
75-80	.17104	60,661	277,781	13.79	.19674	57,213	258,376	12.54
80-85	.25091	50,285	219,986	11.11	.28580	45,957	197,057	9.99
85-90	.32434	37,668	156,789	8.99	.36750	32,823	132,962	7.99
90-95	.43078	25,451	98,136	7.15	.48775	20,760	76,906	6.22
95-100	.54115	14,487	50,132	5.79	.60894	10,634	34,750	4.92
100 AND OVER	1.00000	6,647	21,383	5.07	1.00000	4,159	12,425	4.22

TABLE 7. ABRIDGED LIFE TABLES FOR ALL CAUSES OF DEATH COMBINED AND ELIMINATING SPECIFIED CAUSES, FOR BLACK FEMALES: UNITED STATES, 1979-81--CON.

(NUMBERS AFTER CAUSES OF DEATH ARE CATEGORY NUMBERS OF THE NINTH REVISION INTERNATIONAL CLASSIFICATION OF DISEASES, 1975)

PERIOD OF LIFE BETWEEN TWO EXACT AGES STATED IN YEARS	PROPORTION OF PERSONS ALIVE AT BEGINNING OF AGE INTERVAL DYING DURING INTERVAL	OF 100,000 BORN ALIVE		AVERAGE NUMBER OF YEARS OF LIFE REMAINING AT BEGINNING OF AGE INTERVAL	PROPORTION OF PERSONS ALIVE AT BEGINNING OF AGE INTERVAL DYING DURING INTERVAL	OF 100,000 BORN ALIVE		AVERAGE NUMBER OF YEARS OF LIFE REMAINING AT BEGINNING OF AGE INTERVAL
		NUMBER LIVING AT BEGINNING OF AGE INTERVAL	STATIONARY POPULATION IN AGE INTERVAL			NUMBER LIVING AT BEGINNING OF AGE INTERVAL	STATIONARY POPULATION IN AGE INTERVAL	
x to $x+n$	${}_nq_x$	l_x	${}_nL_x$	$\mathring{e}_x$	${}_nq_x$	l_x	${}_nL_x$	$\mathring{e}_x$
	ATHEROSCLEROSIS (440)				PNUEMONIA AND INFLUENZA (480-487)			
0-1	.01927	100,000	98,438	73.02	.01875	100,000	98,480	73.18
1-5	.00328	98,073	391,519	73.45	.00316	98,125	391,756	73.58
5-10	.00165	97,751	488,305	69.69	.00161	97,815	488,633	69.80
10-15	.00143	97,590	487,632	64.80	.00140	97,657	487,974	64.91
15-20	.00277	97,450	486,635	59.89	.00272	97,520	486,994	60.00
20-25	.00438	97,180	484,902	55.05	.00430	97,254	485,291	55.16
25-30	.00624	96,754	482,334	50.28	.00611	96,836	482,775	50.38
30-35	.00844	96,150	478,829	45.58	.00827	96,245	479,342	45.68
35-40	.01258	95,338	473,891	40.94	.01234	95,449	474,498	41.04
40-45	.01926	94,138	466,465	36.43	.01886	94,271	467,211	36.52
45-50	.02985	92,325	455,170	32.09	.02940	92,493	456,097	32.17
50-55	.04355	89,569	438,598	28.00	.04305	89,774	439,709	28.06
55-60	.06238	85,668	415,603	24.15	.06163	85,909	416,925	24.21
60-65	.08708	80,324	384,802	20.59	.08641	80,614	386,320	20.62
65-70	.11556	73,330	346,180	17.30	.11489	73,648	347,802	17.33
70-75	.16667	64,856	298,088	14.22	.16581	65,187	299,745	14.24
75-80	.22236	54,047	240,671	11.55	.22153	54,379	242,263	11.56
80-85	.32199	42,029	176,423	9.13	.32155	42,333	177,746	9.13
85-90	.40983	28,496	112,319	7.28	.40938	28,721	113,240	7.26
90-95	.53610	16,817	60,139	5.65	.53774	16,963	60,588	5.62
95-100	.65419	7,801	24,488	4.48	.65694	7,841	24,552	4.44
100 AND OVER	1.00000	2,698	7,761	3.87	1.00000	2,690	7,685	3.81
	CHRONIC OBSTRUCTIVE PULMONARY DISEASES AND ALLIED CONDITIONS (490-496)				CHRONIC LIVER DISEASE AND CIRRHOSIS (571)			
0-1	.01925	100,000	98,440	73.01	.01926	100,000	98,439	73.18
1-5	.00326	98,075	391,532	73.44	.00328	98,074	391,525	73.61
5-10	.00163	97,755	488,331	69.68	.00164	97,753	488,315	69.85
10-15	.00141	97,596	487,669	64.79	.00143	97,592	487,644	64.96
15-20	.00273	97,459	486,689	59.87	.00276	97,453	486,652	60.05
20-25	.00434	97,193	484,976	55.03	.00434	97,184	484,931	55.21
25-30	.00617	96,771	482,436	50.26	.00599	96,762	482,433	50.44
30-35	.00836	96,174	478,968	45.56	.00791	96,183	479,115	45.73
35-40	.01243	95,370	474,084	40.92	.01157	95,422	474,535	41.07
40-45	.01909	94,184	466,730	36.40	.01798	94,318	467,637	36.52
45-50	.02956	92,386	455,534	32.06	.02821	92,622	456,990	32.14
50-55	.04311	89,655	439,114	27.95	.04183	90,009	441,121	27.99
55-60	.06176	85,790	416,320	24.09	.06074	86,244	418,733	24.10
60-65	.08642	80,491	385,729	20.51	.08600	81,005	388,272	20.49
65-70	.11526	73,535	347,200	17.20	.11517	74,038	349,592	17.18
70-75	.16699	65,059	298,969	14.10	.16742	65,511	300,977	14.07
75-80	.22405	54,195	241,104	11.41	.22495	54,543	242,534	11.39
80-85	.32659	42,052	176,037	8.98	.32781	42,274	176,838	8.95
85-90	.41778	28,318	111,036	7.11	.41907	28,416	111,327	7.10
90-95	.54900	16,487	58,396	5.48	.55018	16,508	58,419	5.47
95-100	.67105	7,436	22,985	4.31	.67197	7,426	22,935	4.30
100 AND OVER	1.00000	2,446	6,889	3.70	1.00000	2,436	6,854	3.69

TABLE 7. ABRIDGED LIFE TABLES FOR ALL CAUSES OF DEATH COMBINED AND ELIMINATING SPECIFIED CAUSES, FOR BLACK FEMALES: UNITED STATES, 1979-81--CON.

(NUMBERS AFTER CAUSES OF DEATH ARE CATEGORY NUMBERS OF THE NINTH REVISION INTERNATIONAL CLASSIFICATION OF DISEASES, 1975)

PERIOD OF LIFE BETWEEN TWO EXACT AGES STATED IN YEARS	PROPORTION OF PERSONS ALIVE AT BEGINNING OF AGE INTERVAL DYING DURING INTERVAL	OF 100,000 BORN ALIVE		AVERAGE NUMBER OF YEARS OF LIFE REMAINING AT BEGINNING OF AGE INTERVAL	PROPORTION OF PERSONS ALIVE AT BEGINNING OF AGE INTERVAL DYING DURING INTERVAL	OF 100,000 BORN ALIVE		AVERAGE NUMBER OF YEARS OF LIFE REMAINING AT BEGINNING OF AGE INTERVAL
		NUMBER LIVING AT BEGINNING OF AGE INTERVAL	STATIONARY POPULATION IN AGE INTERVAL			NUMBER LIVING AT BEGINNING OF AGE INTERVAL	STATIONARY POPULATION IN AGE INTERVAL	
x to $x+n$	${}_nq_x$	l_x	${}_nL_x$	$\mathring{e}_x$	${}_nq_x$	l_x	${}_nL_x$	$\mathring{e}_x$
	MOTOR VEHICLE ACCIDENTS (E810-E825)				ALL OTHER ACCIDENTS AND ADVERSE EFFECTS (E800-E807,E826-E949)			
0-1	.01923	100,000	98,441	73.11	.01885	100,000	98,472	73.30
1-5	.00293	98,077	391,619	73.54	.00245	98,115	391,881	73.71
5-10	.00130	97,790	488,595	69.75	.00123	97,874	489,035	69.88
10-15	.00125	97,663	488,038	64.84	.00116	97,754	488,513	64.97
15-20	.00237	97,541	487,179	59.92	.00250	97,641	487,649	60.04
20-25	.00391	97,310	485,657	55.05	.00404	97,397	486,064	55.18
25-30	.00576	96,929	483,318	50.26	.00579	97,004	483,684	50.40
30-35	.00800	96,371	480,031	45.53	.00791	96,442	480,405	45.67
35-40	.01223	95,600	475,274	40.88	.01204	95,679	475,708	41.02
40-45	.01885	94,431	468,007	36.35	.01865	94,527	468,526	36.48
45-50	.02952	92,651	456,849	32.00	.02916	92,764	457,484	32.13
50-55	.04318	89,916	440,376	27.89	.04287	90,059	441,143	28.01
55-60	.06212	86,033	417,428	24.03	.06164	86,198	418,327	24.15
60-65	.08705	80,689	386,555	20.45	.08634	80,885	387,634	20.56
65-70	.11614	73,665	347,660	17.15	.11510	73,902	348,963	17.26
70-75	.16789	65,110	299,062	14.07	.16627	65,396	300,633	14.17
75-80	.22513	54,179	240,891	11.38	.22266	54,523	242,751	11.48
80-85	.32779	41,982	175,620	8.95	.32417	42,383	177,680	9.04
85-90	.41900	28,221	110,567	7.10	.41390	28,644	112,602	7.18
90-95	.55024	16,396	58,018	5.47	.54390	16,788	59,689	5.54
95-100	.67197	7,374	22,774	4.30	.66589	7,657	23,780	4.35
100 AND OVER	1.00000	2,419	6,808	3.69	1.00000	2,558	7,236	3.73
	SUICIDE (E950-E959)				HOMICIDE AND LEGAL INTERVENTION (E960-E978)			
0-1	.01927	100,000	98,438	72.94	.01916	100,000	98,447	73.24
1-5	.00328	98,073	391,519	73.37	.00303	98,084	391,623	73.67
5-10	.00165	97,751	488,305	69.61	.00155	97,787	488,513	69.89
10-15	.00143	97,590	487,634	64.72	.00131	97,636	487,889	64.99
15-20	.00267	97,451	486,663	59.81	.00213	97,508	487,066	60.08
20-25	.00420	97,191	484,997	54.96	.00317	97,300	485,778	55.20
25-30	.00603	96,782	482,524	50.18	.00499	96,992	483,809	50.37
30-35	.00819	96,199	479,131	45.47	.00731	96,508	480,872	45.61
35-40	.01240	95,411	474,296	40.83	.01158	95,803	476,426	40.92
40-45	.01906	94,228	466,954	36.30	.01859	94,693	469,363	36.37
45-50	.02975	92,432	455,721	31.96	.02913	92,933	458,325	32.01
50-55	.04353	89,683	439,161	27.86	.04317	90,226	441,898	27.89
55-60	.06242	85,779	416,132	24.00	.06213	86,331	418,870	24.03
60-65	.08739	80,424	385,221	20.43	.08701	80,967	387,895	20.45
65-70	.11642	73,396	346,339	17.14	.11613	73,922	348,872	17.15
70-75	.16825	64,851	297,815	14.05	.16804	65,337	300,081	14.06
75-80	.22554	53,940	239,772	11.38	.22531	54,358	241,663	11.38
80-85	.32817	41,774	174,710	8.95	.32785	42,111	176,153	8.95
85-90	.41934	28,065	109,931	7.09	.41918	28,305	110,883	7.10
90-95	.55028	16,296	57,665	5.47	.55012	16,440	58,180	5.47
95-100	.67205	7,329	22,635	4.30	.67189	7,396	22,845	4.30
100 AND OVER	1.00000	2,404	6,765	3.69	1.00000	2,427	6,830	3.69

TABLE 8. NUMBER OF LIFE TABLE DEATHS FROM SPECIFIED CAUSES DURING AGE INTERVAL FOR THE TOTAL POPULATION: UNITED STATES, 1979-81

(NUMBERS AFTER CAUSES OF DEATH ARE CATEGORY NUMBERS OF THE NINTH REVISION INTERNATIONAL CLASSIFICATION OF DISEASES, 1975)

PERIOD OF LIFE BETWEEN TWO EXACT AGES STATED IN YEARS	NUMBER LIVING AT BEGINNING OF AGE INTERVAL	SEPTICEMIA (038)	MALIGNANT NEOPLASMS, INCLUDING NEOPLASMS OF LYMPHATIC AND HEMATOPOIETIC TISSUES (140-208)	MALIGNANT NEOPLASMS OF RESPIRATORY AND INTRATHORACIC ORGANS (160-165)	DIABETES MELLITUS (250)	DISEASES OF HEART (390-398, 402,404-429)	ISCHEMIC HEART DISEASE (410-414)	CEREBRO-VASCULAR DISEASES (430-438)
	NUMBER DYING OF 10,000,000 BORN ALIVE							
0-1	10,000,000	754	300	13	12	2,119	73	415
1-5	9,874,000	229	1,816	12	30	947	34	144
5-10	9,849,500	56	2,252	20	41	399	47	128
10-15	9,834,700	43	1,929	15	63	480	21	144
15-20	9,819,600	75	2,514	42	95	957	82	284
20-25	9,774,100	110	3,297	88	245	1,643	249	603
25-30	9,711,000	173	4,898	185	543	2,770	768	954
30-35	9,647,700	229	8,249	581	901	5,526	2,566	1,625
35-40	9,580,800	359	15,921	2,358	1,375	13,414	8,167	3,066
40-45	9,492,600	512	31,474	7,290	2,064	30,571	20,853	5,457
45-50	9,359,900	813	59,211	17,488	3,183	59,917	43,262	9,124
50-55	9,152,600	1,295	102,489	33,142	5,270	102,741	75,571	13,867
55-60	8,834,800	1,973	153,004	50,744	8,584	163,940	122,757	20,934
60-65	8,372,600	2,794	211,531	70,158	13,364	250,221	189,978	34,243
65-70	7,710,700	3,968	262,348	82,582	18,759	350,042	267,396	55,966
70-75	6,824,800	5,332	293,908	81,395	24,419	475,992	364,430	94,824
75-80	5,679,900	6,772	286,639	65,056	28,438	594,370	450,607	143,715
80-85	4,318,000	8,436	246,401	41,899	28,522	696,501	520,972	196,249
85-90	2,796,000	7,837	165,613	21,013	22,026	656,458	480,886	197,519
90-95	1,415,400	4,775	76,208	7,285	11,205	453,859	327,538	133,994
95-100	504,300	1,937	22,424	1,657	3,675	198,771	141,991	55,840
100 AND OVER	115,000	596	3,285	238	667	50,666	35,320	12,223

PERIOD OF LIFE BETWEEN TWO EXACT AGES STATED IN YEARS	ATHEROSCLE-ROSIS (440)	PNEUMO- AND INFLUEN- (480-48-	CHRONIC OBSTRUCTIVE PULMONARY DISEASES AND ALLIED CONDITIONS (490-496)	CHRONIC LIVER DISEASE AND CIRRHOSIS (571)	MOTOR VEHICLE ACCIDENTS (E810-E825)	ALL OTHER ACCIDENTS AND ADVERSE EFFECTS (E800-E807, E826-E949)	SUICIDE (E950-E959)	HOMICIDE AND LEGAL INTER-VENTION (E960-E978)
	NUMBER DYING OF 10,000,000 BORN ALIVE							
0-1	5	2,763	172	89	646	2,381	0	562
1-5	2	770	152	34	3,478	6,407	0	983
5-10	0	296	84	19	3,847	3,440	8	468
10-15	0	239	138	19	3,909	3,597	405	695
15-20	2	321	143	48	20,053	6,738	4,042	4,929
20-25	2	452	178	193	22,332	8,934	7,869	9,550
25-30	3	627	232	995	15,880	8,632	8,237	9,805
30-35	14	826	285	2,294	12,018	7,734	7,499	8,441
35-40	46	1,348	529	4,826	10,300	7,687	7,504	7,447
40-45	135	1,908	1,105	8,148	9,498	8,134	7,444	6,535
45-50	272	2,761	2,676	11,761	8,609	8,804	7,296	5,789
50-55	638	3,944	6,001	15,465	8,088	9,682	7,413	4,376
55-60	1,265	5,998	12,094	16,632	7,685	9,786	7,146	3,319
60-65	2,703	9,001	23,521	17,359	7,056	10,752	6,468	2,578
65-70	5,449	13,837	37,002	16,429	6,682	11,655	6,022	2,060
70-75	10,626	22,191	50,085	12,368	6,849	13,916	5,548	1,569
75-80	19,615	35,976	52,072	8,182	6,810	17,329	4,974	1,255
80-85	34,572	55,347	43,495	4,724	5,380	21,397	3,466	970
85-90	45,680	64,714	27,978	2,340	3,040	22,259	2,056	511
90-95	43,425	52,217	11,973	721	1,005	15,467	803	253
95-100	24,477	25,671	3,881	163	230	6,797	179	129
100 AND OVER	7,979	7,595	596	27	60	1,520	33	38

TABLE 9. NUMBER OF LIFE TABLE DEATHS FROM SPECIFIED CAUSES DURING AGE INTERVAL FOR WHITE MALES: UNITED STATES, 1979-81

(NUMBERS AFTER CAUSES OF DEATH ARE CATEGORY NUMBERS OF THE NINTH REVISION INTERNATIONAL CLASSIFICATION OF DISEASES, 1975)

PERIOD OF LIFE BETWEEN TWO EXACT AGES STATED IN YEARS	NUMBER LIVING AT BEGINNING OF AGE INTERVAL	SEPTICEMIA (038)	MALIGNANT NEOPLASMS, INCLUDING NEOPLASMS OF LYMPHATIC AND HEMATOPOIETIC TISSUES (140-208)	MALIGNANT NEOPLASMS OF RESPIRATORY AND INTRATHORACIC ORGANS (160-165)	DIABETES MELLITUS (250)	DISEASES OF HEART (390-398, 402,404-429)	ISCHEMIC HEART DISEASE (410-414)	CEREBRO-VASCULAR DISEASES (430-438)
	NUMBER DYING OF 10,000,000 BORN ALIVE							
0-1	10,000,000	661	327	11	20	2,060	89	363
1-5	9,876,900	185	2,102	7	14	798	34	135
5-10	9,851,900	66	2,726	12	37	379	54	136
10-15	9,835,700	33	2,185	19	46	474	27	127
15-20	9,817,600	63	2,932	57	66	968	89	273
20-25	9,752,500	89	4,129	116	218	1,688	302	558
25-30	9,661,600	146	5,386	229	528	2,862	1,055	811
30-35	9,578,300	178	7,445	682	962	6,456	3,792	1,263
35-40	9,498,000	247	13,149	2,688	1,397	17,894	13,018	2,277
40-45	9,398,400	365	26,546	8,587	1,978	43,380	33,720	4,140
45-50	9,249,400	745	53,843	21,544	2,906	88,001	70,137	6,943
50-55	9,010,500	1,200	101,101	44,119	4,793	152,185	121,005	12,048
55-60	8,630,300	1,869	162,140	70,533	7,685	239,434	191,156	18,992
60-65	8,062,500	2,817	238,215	102,204	12,007	350,199	281,491	33,448
65-70	7,239,300	3,960	307,870	125,882	16,004	469,270	376,385	55,813
70-75	6,138,400	5,219	349,500	129,110	20,443	587,280	470,270	92,865
75-80	4,771,200	6,219	330,303	104,796	22,057	649,440	511,891	130,035
80-85	3,278,800	7,310	257,556	64,269	20,045	634,273	491,482	151,435
85-90	1,853,800	5,671	153,109	28,553	13,195	488,179	369,365	124,529
90-95	789,100	2,961	59,056	7,944	5,684	270,978	201,031	66,412
95-100	227,900	946	13,616	1,317	1,498	93,126	68,378	22,150
100 AND OVER	40,400	299	1,546	186	268	18,049	12,854	3,639

PERIOD OF LIFE BETWEEN TWO EXACT AGES STATED IN YEARS	ATHEROSCLE-ROSIS (440)	PNEUMONIA AND INFLUENZA (480-487)	CHRONIC OBSTRUCTIVE PULMONARY DISEASES AND ALLIED CONDITIONS (490-496)	CHRONIC LIVER DISEASE AND CIRRHOSIS (571)	MOTOR VEHICLE ACCIDENTS (E810-E825)	ALL OTHER ACCIDENTS AND ADVERSE EFFECTS (E800-E807, E826-E949)	SUICIDE (E950-E959)	HOMICIDE AND LEGAL INTER-VENTION (E960-E978)
	NUMBER DYING OF 10,000,000 BORN ALIVE							
0-1	7	2,362	177	86	686	2,232	0	435
1-5	0	704	142	43	3,567	7,132	0	697
5-10	0	293	75	14	4,525	3,881	12	371
10-15	0	225	114	10	5,286	4,917	645	540
15-20	2	325	101	40	31,659	10,962	6,862	4,897
20-25	4	419	145	181	37,558	15,017	13,310	9,314
25-30	2	591	185	950	25,792	13,963	13,365	9,076
30-35	19	716	206	2,258	18,924	11,814	11,575	8,219
35-40	50	1,103	347	4,972	15,366	11,394	11,310	7,469
40-45	186	1,626	984	9,039	13,588	11,627	11,064	6,699
45-50	339	2,564	2,771	13,953	12,251	12,188	10,556	5,925
50-55	790	4,068	7,076	18,967	11,169	13,313	10,946	4,652
55-60	1,554	6,747	15,716	21,380	10,330	13,436	10,866	3,534
60-65	3,275	10,699	32,632	23,378	9,324	14,296	10,169	2,659
65-70	6,481	17,079	55,115	22,354	8,489	14,916	10,037	2,153
70-75	11,935	27,358	77,795	16,146	8,137	16,235	9,672	1,544
75-80	19,271	41,336	83,084	10,089	8,293	18,164	8,989	1,079
80-85	28,942	57,238	66,580	5,127	6,636	19,069	6,261	799
85-90	31,185	56,010	38,629	2,289	3,700	17,434	3,564	400
90-95	24,115	37,345	14,329	684	1,199	9,886	1,204	176
95-100	10,874	14,194	3,659	109	218	3,754	240	95
100 AND OVER	2,742	3,464	464	10	21	785	31	21

TABLE 10. NUMBER OF LIFE TABLE DEATHS FROM SPECIFIED CAUSES DURING AGE INTERVAL FOR WHITE FEMALES: UNITED STATES, 1979-81

(NUMBERS AFTER CAUSES OF DEATH ARE CATEGORY NUMBERS OF THE NINTH REVISION INTERNATIONAL CLASSIFICATION OF DISEASES, 1975)

PERIOD OF LIFE BETWEEN TWO EXACT AGES STATED IN YEARS	NUMBER LIVING AT BEGINNING OF AGE INTERVAL	SEPTICEMIA (038)	MALIGNANT NEOPLASMS, INCLUDING NEOPLASMS OF LYMPHATIC AND HEMATOPOIETIC TISSUES (140-208)	MALIGNANT NEOPLASMS OF RESPIRATORY AND INTRATHORACIC ORGANS (160-165)	DIABETES MELLITUS (250)	DISEASES OF HEART (390-398, 402,404-429)	ISCHEMIC HEART DISEASE (410-414)	CEREBRO-VASCULAR DISEASES (430-438)
	NUMBER DYING OF 10,000,000 BORN ALIVE							
0-1	10,000,000	465	273	7	5	1,569	50	295
1-5	9,903,500	196	1,625	18	38	786	23	137
5-10	9,884,100	35	1,974	27	42	380	40	119
10-15	9,872,500	46	1,661	9	64	355	18	139
15-20	9,861,800	74	1,985	29	108	598	45	247
20-25	9,837,400	99	2,472	46	208	966	120	467
25-30	9,809,300	143	4,357	117	470	1,417	246	712
30-35	9,780,200	152	8,862	437	715	2,592	790	1,284
35-40	9,744,500	285	17,562	1,754	992	5,234	2,434	2,493
40-45	9,691,300	349	33,025	4,995	1,456	11,595	6,584	4,348
45-50	9,606,500	527	58,511	11,181	2,323	22,929	14,504	7,351
50-55	9,471,000	804	96,263	19,789	3,943	43,196	28,812	10,563
55-60	9,259,400	1,376	136,425	28,771	7,001	78,604	55,386	16,516
60-65	8,945,100	2,023	181,266	37,947	11,762	143,718	104,633	27,681
65-70	8,476,400	3,010	220,962	43,017	18,008	235,637	175,483	47,398
70-75	7,813,900	4,399	248,554	40,059	25,616	382,572	288,185	89,149
75-80	6,871,200	6,443	259,133	31,928	33,107	576,920	433,860	156,939
80-85	5,577,000	8,864	246,280	22,231	36,687	805,639	599,093	248,899
85-90	3,877,400	9,331	183,684	13,913	30,951	872,294	635,926	284,193
90-95	2,099,600	6,031	93,564	6,286	16,665	668,022	481,062	210,461
95-100	790,000	2,602	29,641	1,792	5,596	314,972	225,439	92,407
100 AND OVER	185,800	727	4,375	137	796	84,531	59,924	20,257

PERIOD OF LIFE BETWEEN TWO EXACT AGES STATED IN YEARS	ATHEROSCLE-ROSIS (440)	PNEUMONIA AND INFLUENZA (480-487)	CHRONIC OBSTRUCTIVE PULMONARY DISEASES AND ALLIED CONDITIONS (490-496)	CHRONIC LIVER DISEASE AND CIRRHOSIS (571)	MOTOR VEHICLE ACCIDENTS (E810-E825)	ALL OTHER ACCIDENTS AND ADVERSE EFFECTS (E800-E807, E826-E949)	SUICIDE (E950-E959)	HOMICIDE AND LEGAL INTER-VENTION (E960-E978)
	NUMBER DYING OF 10,000,000 BORN ALIVE							
0-1	5	1,830	127	67	662	1,658	0	402
1-5	5	613	102	20	3,088	4,270	0	657
5-10	0	286	60	22	2,748	1,945	0	352
10-15	0	242	95	13	2,786	1,514	247	504
15-20	0	279	99	47	11,698	2,085	1,620	1,712
20-25	2	346	123	110	9,943	2,561	3,025	2,583
25-30	4	400	141	371	6,819	2,453	3,690	2,292
30-35	4	520	195	812	5,262	2,344	3,920	1,886
35-40	27	785	436	2,130	5,078	2,602	4,573	1,837
40-45	57	1,053	920	4,171	5,087	3,116	4,913	1,905
45-50	151	1,632	2,230	6,572	4,704	3,742	5,145	1,685
50-55	347	2,375	4,788	9,606	4,581	4,344	5,168	1,191
55-60	790	3,704	8,936	10,823	4,744	4,843	4,564	997
60-65	1,828	5,960	16,584	11,487	4,661	5,840	3,869	926
65-70	4,095	9,418	24,039	11,499	4,847	7,296	3,183	920
70-75	9,192	17,082	30,518	9,724	5,738	10,949	2,550	963
75-80	20,837	32,469	30,225	7,246	5,811	16,144	2,030	962
80-85	42,538	57,979	26,833	4,849	4,561	24,210	1,263	876
85-90	64,175	78,244	19,640	2,548	2,507	28,058	738	542
90-95	66,782	71,112	9,958	795	783	21,510	363	288
95-100	40,280	38,768	3,858	218	182	9,903	64	128
100 AND OVER	14,347	12,564	686	41	69	2,003	27	28

TABLE 11. NUMBER OF LIFE TABLE DEATHS FROM SPECIFIED CAUSES DURING AGE INTERVAL FOR MALES OTHER THAN WHITE: UNITED STATES, 1979–81

(NUMBERS AFTER CAUSES OF DEATH ARE CATEGORY NUMBERS OF THE NINTH REVISION INTERNATIONAL CLASSIFICATION OF DISEASES, 1975)

PERIOD OF LIFE BETWEEN TWO EXACT AGES STATED IN YEARS	NUMBER LIVING AT BEGINNING OF AGE INTERVAL	SEPTICEMIA (038)	MALIGNANT NEOPLASMS, INCLUDING NEOPLASMS OF LYMPHATIC AND HEMATOPOIETIC TISSUES (140–208)	MALIGNANT NEOPLASMS OF RESPIRATORY AND INTRATHORACIC ORGANS (160–165)	DIABETES MELLITUS (250)	DISEASES OF HEART (390–398, 402,404–429)	ISCHEMIC HEART DISEASE (410–414)	CEREBRO-VASCULAR DISEASES (430–438)
	NUMBER DYING OF 10,000,000 BORN ALIVE							
0–1	10,000,000	1,469	374	37	9	3,498	103	907
1–5	9,793,900	493	1,628	21	75	1,746	64	182
5–10	9,755,900	86	1,884	32	43	396	32	128
10–15	9,733,700	76	2,114	33	76	792	22	195
15–20	9,711,300	101	3,341	50	151	2,296	211	413
20–25	9,643,100	203	3,692	162	465	4,250	688	1,163
25–30	9,520,000	373	4,753	280	839	8,064	2,179	1,899
30–35	9,366,600	802	7,450	1,037	1,562	15,847	6,610	4,175
35–40	9,189,100	1,175	17,610	4,554	2,686	35,110	16,907	8,574
40–45	8,964,500	1,612	42,349	15,844	4,853	68,049	37,313	14,620
45–50	8,657,800	2,498	87,468	36,952	6,976	122,129	71,774	24,359
50–55	8,215,300	3,759	152,052	64,712	10,283	188,722	114,062	36,089
55–60	7,601,900	5,405	219,473	94,494	15,546	268,901	164,525	49,794
60–65	6,809,300	6,653	278,620	115,776	18,314	337,615	207,839	68,258
65–70	5,851,700	7,876	310,914	117,106	22,225	381,199	241,500	89,151
70–75	4,779,600	9,546	309,395	97,182	23,180	428,683	274,584	114,393
75–80	3,619,100	9,384	262,736	68,646	23,452	426,500	272,827	124,154
80–85	2,496,900	9,097	219,096	45,784	16,933	415,784	263,887	122,642
85–90	1,445,400	9,266	128,046	20,395	11,795	313,885	196,428	88,206
90–95	679,300	4,740	58,302	7,518	5,268	186,232	117,614	54,399
95–100	240,000	2,391	18,913	1,743	1,743	78,137	49,794	22,529
100 AND OVER	61,300	315	3,407	472	315	21,974	13,846	5,872

PERIOD OF LIFE BETWEEN TWO EXACT AGES STATED IN YEARS	ATHEROSCLE-ROSIS (440)	PNEUMONIA AND INFLUENZA (480–487)	CHRONIC OBSTRUCTIVE PULMONARY DISEASES AND ALLIED CONDITIONS (490–496)	CHRONIC LIVER DISEASE AND CIRRHOSIS (571)	MOTOR VEHICLE ACCIDENTS (E810–E825)	ALL OTHER ACCIDENTS AND ADVERSE EFFECTS (E800–E807, E826–E949)	SUICIDE (E950–E959)	HOMICIDE AND LEGAL INTER-VENTION (E960–E978)
	NUMBER DYING OF 10,000,000 BORN ALIVE							
0–1	0	6,119	318	131	618	4,365	0	1,245
1–5	0	1,339	375	43	4,641	11,082	0	2,444
5–10	0	343	150	11	6,053	7,549	32	1,040
10–15	0	228	369	33	4,037	7,929	228	2,063
15–20	0	443	463	70	14,134	12,301	4,058	22,441
20–25	0	921	485	496	22,782	15,830	10,081	48,039
25–30	12	1,609	641	3,462	21,280	17,973	10,688	57,745
30–35	28	2,863	871	9,308	19,079	19,678	9,654	51,345
35–40	89	5,838	1,512	17,088	17,983	19,978	7,565	43,439
40–45	265	7,570	2,548	24,525	16,981	21,245	6,284	36,278
45–50	647	10,637	5,103	29,369	15,637	23,399	5,775	32,912
50–55	1,464	13,566	8,950	33,117	15,253	26,050	4,478	26,558
55–60	2,463	16,666	15,151	27,406	14,165	23,121	4,727	19,597
60–65	4,553	20,282	22,952	22,475	11,442	23,683	3,702	13,663
65–70	6,632	24,770	29,581	16,114	10,685	21,481	3,085	9,145
70–75	11,281	27,404	33,960	10,232	8,959	19,109	2,500	5,668
75–80	14,118	33,759	31,795	5,104	7,073	19,983	1,996	4,194
80–85	19,024	37,849	25,187	2,528	4,379	18,891	1,660	2,454
85–90	18,156	37,335	16,538	1,458	2,540	13,700	940	1,129
90–95	14,990	22,270	6,865	415	1,066	9,725	770	415
95–100	8,206	10,335	3,485	129	452	4,010	323	259
100 AND OVER	2,256	3,200	472	52	105	1,260	52	157

TABLE 12. NUMBER OF LIFE TABLE DEATHS FROM SPECIFIED CAUSES DURING AGE INTERVAL FOR FEMALES OTHER THAN WHITE: UNITED STATES, 1979-81

(NUMBERS AFTER CAUSES OF DEATH ARE CATEGORY NUMBERS OF THE NINTH REVISION INTERNATIONAL CLASSIFICATION OF DISEASES, 1975)

PERIOD OF LIFE BETWEEN TWO EXACT AGES STATED IN YEARS	NUMBER LIVING AT BEGINNING OF AGE INTERVAL	SEPTICEMIA (038)	MALIGNANT NEOPLASMS, INCLUDING NEOPLASMS OF LYMPHATIC AND HEMATOPOIETIC TISSUES (140-208)	MALIGNANT NEOPLASMS OF RESPIRATORY AND INTRATHORACIC ORGANS (160-165)	DIABETES MELLITUS (250)	DISEASES OF HEART (390-398, 402,404-429)	ISCHEMIC HEART DISEASE (410-414)	CEREBRO-VASCULAR DISEASES (430-438)
	NUMBER DYING OF 10,000,000 BORN ALIVE							
0-1	10,000,000	1,572	212	19	10	3,155	68	608
1-5	9,826,100	307	1,524	0	22	1,502	55	175
5-10	9,795,800	78	1,697	11	55	588	67	133
10-15	9,780,600	43	1,715	11	141	814	11	206
15-20	9,766,900	135	2,196	21	135	1,583	125	437
20-25	9,740,400	190	2,817	85	380	2,477	228	1,024
25-30	9,699,600	304	5,334	220	756	4,716	714	2,184
30-35	9,644,100	468	10,668	443	1,072	7,961	2,107	3,498
35-40	9,571,900	747	21,774	2,050	2,369	15,900	5,390	6,341
40-45	9,464,600	1,351	42,786	5,572	3,667	33,153	14,316	11,589
45-50	9,300,900	1,526	72,672	14,135	6,930	59,482	29,107	20,301
50-55	9,052,300	3,082	111,783	21,733	13,129	97,363	52,757	28,874
55-60	8,695,100	4,045	152,108	29,439	20,913	153,333	88,295	41,833
60-65	8,200,000	4,934	184,613	32,143	32,063	234,900	141,116	59,381
65-70	7,538,200	7,403	197,203	28,763	41,932	313,054	191,661	89,821
70-75	6,714,700	9,416	218,958	26,649	48,541	428,974	262,737	139,050
75-80	5,649,900	11,231	205,336	20,245	47,719	516,005	321,713	172,367
80-85	4,437,800	15,024	191,316	18,004	46,031	608,109	379,514	213,227
85-90	3,054,300	14,171	139,890	10,804	36,261	565,765	350,483	197,046
90-95	1,802,900	12,166	83,076	6,165	22,723	461,559	290,702	163,387
95-100	813,700	4,785	36,484	2,233	10,321	263,469	165,883	85,835
100 AND OVER	266,900	2,090	6,843	665	3,137	96,412	60,468	29,748

PERIOD OF LIFE BETWEEN TWO EXACT AGES STATED IN YEARS	ATHEROSCLE-ROSIS (440)	PNEUMONIA AND INFLUENZA (480-487)	CHRONIC OBSTRUCTIVE PULMONARY DISEASES AND ALLIED CONDITIONS (490-496)	CHRONIC LIVER DISEASE AND CIRRHOSIS (571)	MOTOR VEHICLE ACCIDENTS (E810-E825)	ALL OTHER ACCIDENTS AND ADVERSE EFFECTS (E800-E807, E826-E949)	SUICIDE (E950-E959)	HOMICIDE AND LEGAL INTER-VENTION (E960-E978)
	NUMBER DYING OF 10,000,000 BORN ALIVE							
0-1	0	4,754	183	145	434	3,861	0	1,034
1-5	0	1,162	186	44	3,542	7,494	0	2,198
5-10	0	311	166	33	3,361	3,852	0	867
10-15	0	304	239	76	2,084	2,618	109	1,066
15-20	10	406	312	83	4,904	2,584	1,125	5,583
20-25	0	740	351	408	5,351	3,209	2,031	10,745
25-30	0	1,144	609	2,351	5,282	4,078	2,311	10,536
30-35	25	1,441	752	4,828	4,781	4,550	2,711	9,287
35-40	95	2,161	1,303	9,057	4,213	4,757	2,162	8,492
40-45	185	3,499	1,629	11,569	4,759	5,300	2,260	5,846
45-50	282	3,996	2,711	14,716	3,916	6,170	1,728	6,220
50-55	856	5,150	4,435	15,945	4,754	6,788	1,572	4,127
55-60	1,612	7,731	6,546	15,501	4,280	7,548	1,611	3,695
60-65	3,412	8,835	8,978	12,452	4,207	9,385	1,223	3,958
65-70	7,035	12,537	9,818	10,738	3,289	10,821	994	2,798
70-75	11,683	18,132	10,150	6,886	3,656	14,577	928	2,283
75-80	19,404	26,296	10,269	4,538	3,220	18,139	837	1,807
80-85	31,565	36,010	9,204	2,534	2,891	20,693	534	1,917
85-90	37,521	42,056	7,437	1,452	1,569	21,980	291	699
90-95	37,532	36,585	4,138	324	406	17,540	243	569
95-100	25,988	24,249	1,808	106	213	8,517	106	213
100 AND OVER	11,135	8,363	570	0	190	3,234	0	0

TABLE 13. NUMBER OF LIFE TABLE DEATHS FROM SPECIFIED CAUSES DURING AGE INTERVAL FOR BLACK MALES: UNITED STATES, 1979-81

(NUMBERS AFTER CAUSES OF DEATH ARE CATEGORY NUMBERS OF THE NINTH REVISION INTERNATIONAL CLASSIFICATION OF DISEASES, 1975)

PERIOD OF LIFE BETWEEN TWO EXACT AGES STATED IN YEARS	NUMBER LIVING AT BEGINNING OF AGE INTERVAL	SEPTICEMIA (038)	MALIGNANT NEOPLASMS, INCLUDING NEOPLASMS OF LYMPHATIC AND HEMATOPOIETIC TISSUES (140-208)	MALIGNANT NEOPLASMS OF RESPIRATORY AND INTRATHORACIC ORGANS (160-165)	DIABETES MELLITUS (250)	DISEASES OF HEART (390-398, 402,404-429)	ISCHEMIC HEART DISEASE (410-414)	CEREBRO-VASCULAR DISEASES (430-438)
	NUMBER DYING OF 10,000,000 BORN ALIVE							
0-1	10,000,000	1,570	350	23	0	3,749	68	1,016
1-5	9,770,300	497	1,706	25	89	1,872	51	191
5-10	9,730,000	103	2,007	26	51	463	39	154
10-15	9,706,100	90	2,237	38	90	883	26	230
15-20	9,682,600	107	3,471	47	178	2,513	237	427
20-25	9,613,200	229	3,982	168	517	4,598	734	1,275
25-30	9,482,700	398	5,025	298	923	9,188	2,500	2,229
30-35	9,312,500	989	8,165	1,179	1,907	18,558	7,476	4,907
35-40	9,108,000	1,449	19,910	5,479	3,230	40,486	19,232	10,335
40-45	8,849,000	1,864	48,009	18,697	5,260	78,571	42,375	17,264
45-50	8,499,700	2,634	97,717	42,072	7,576	136,905	78,660	27,536
50-55	8,006,500	4,195	165,201	71,437	10,654	204,959	121,537	39,659
55-60	7,341,300	5,906	234,732	102,564	16,097	286,317	172,297	53,223
60-65	6,498,000	6,989	289,138	121,457	18,507	350,431	213,059	71,685
65-70	5,506,100	8,230	316,376	120,780	22,226	386,152	241,349	90,442
70-75	4,421,300	9,511	309,710	97,413	22,125	423,485	266,764	114,697
75-80	3,271,700	9,254	253,436	66,346	22,188	406,213	255,927	119,490
80-85	2,201,700	8,665	201,895	41,183	15,179	382,863	239,950	113,528
85-90	1,238,300	8,559	113,751	17,280	10,036	273,898	168,665	77,180
90-95	570,800	4,371	49,629	6,204	4,309	157,755	97,424	46,419
95-100	200,900	2,095	16,250	1,539	1,478	67,251	42,499	18,653
100 AND OVER	51,300	290	2,949	435	290	18,383	11,660	5,174

PERIOD OF LIFE BETWEEN TWO EXACT AGES STATED IN YEARS	ATHEROSCLE-ROSIS (440)	PNEUMONIA AND INFLUENZA (480-487)	CHRONIC OBSTRUCTIVE PULMONARY DISEASES AND ALLIED CONDITIONS (490-496)	CHRONIC LIVER DISEASE AND CIRRHOSIS (571)	MOTOR VEHICLE ACCIDENTS (E810-E825)	ALL OTHER ACCIDENTS AND ADVERSE EFFECTS (E800-E807, E826-E949)	SUICIDE (E950-E959)	HOMICIDE AND LEGAL INTER-VENTION (E960-E978)
	NUMBER DYING OF 10,000,000 BORN ALIVE							
0-1	0	6,822	361	124	553	4,886	0	1,424
1-5	0	1,465	420	38	4,536	11,762	0	2,804
5-10	0	360	180	13	6,424	8,185	39	1,133
10-15	0	218	422	38	3,941	8,443	192	2,291
15-20	0	474	486	83	12,295	12,631	3,142	25,427
20-25	0	963	529	542	21,442	16,045	9,464	55,169
25-30	14	1,776	738	3,736	21,096	18,989	10,883	68,023
30-35	35	3,366	1,023	10,410	20,247	21,610	10,220	62,425
35-40	111	6,931	1,759	19,370	18,723	22,518	7,512	52,506
40-45	327	8,964	2,944	27,223	17,326	23,450	6,498	42,874
45-50	718	12,367	5,846	31,545	16,357	25,992	5,586	37,540
50-55	1,667	14,777	9,793	35,216	15,612	27,773	4,522	29,514
55-60	2,668	18,131	16,315	28,533	14,353	24,166	4,422	21,473
60-65	4,883	21,036	24,030	22,362	11,038	23,899	3,559	14,419
65-70	6,931	24,731	29,744	15,882	9,898	21,444	2,892	9,427
70-75	11,124	26,575	33,371	9,754	8,631	18,628	2,137	5,591
75-80	13,875	30,465	30,143	4,506	6,028	18,854	1,731	4,149
80-85	17,592	32,778	22,534	1,870	3,816	17,194	1,298	2,405
85-90	16,211	31,071	13,184	1,081	1,981	11,588	676	991
90-95	12,589	16,843	4,997	345	862	8,404	460	288
95-100	7,023	7,454	2,339	62	431	3,084	123	246
100 AND OVER	2,032	2,468	290	48	48	872	0	145

TABLE 14. NUMBER OF LIFE TABLE DEATHS FROM SPECIFIED CAUSES DURING AGE INTERVAL FOR BLACK FEMALES: UNITED STATES, 1979-81

(NUMBERS AFTER CAUSES OF DEATH ARE CATEGORY NUMBERS OF THE NINTH REVISION INTERNATIONAL CLASSIFICATION OF DISEASES, 1975)

PERIOD OF LIFE BETWEEN TWO EXACT AGES STATED IN YEARS	NUMBER LIVING AT BEGINNING OF AGE INTERVAL	SEPTICEMIA (038)	MALIGNANT NEOPLASMS, INCLUDING NEOPLASMS OF LYMPHATIC AND HEMATOPOIETIC TISSUES (140-208)	MALIGNANT NEOPLASMS OF RESPIRATORY AND INTRATHORACIC ORGANS (160-165)	DIABETES MELLITUS (250)	DISEASES OF HEART (390-398, 402,404-429)	ISCHEMIC HEART DISEASE (410-414)	CEREBRO-VASCULAR DISEASES (430-438)
	NUMBER DYING OF 10,000,000 BORN ALIVE							
0-1	10,000,000	1,728	209	12	12	3,459	70	673
1-5	9,807,300	364	1,612	0	13	1,548	39	156
5-10	9,775,100	66	1,752	13	53	619	53	145
10-15	9,759,000	50	1,804	12	162	809	12	211
15-20	9,745,000	159	2,234	24	159	1,722	147	476
20-25	9,718,000	211	3,020	100	422	2,710	255	1,143
25-30	9,675,400	332	5,827	230	882	5,356	831	2,492
30-35	9,615,000	573	11,764	464	1,285	9,353	2,493	4,133
35-40	9,533,800	825	23,513	2,298	2,849	18,806	6,347	7,307
40-45	9,413,700	1,572	46,612	6,221	4,270	38,427	16,651	13,163
45-50	9,232,200	1,683	79,681	15,986	7,721	68,623	33,503	22,504
50-55	8,956,300	3,447	120,644	24,361	14,495	110,204	59,701	31,936
55-60	8,565,300	4,337	163,676	32,200	22,376	169,122	97,331	45,098
60-65	8,029,300	5,315	193,904	33,731	33,514	253,058	151,556	63,528
65-70	7,326,600	7,804	202,573	28,914	42,944	328,514	200,130	93,686
70-75	6,472,900	9,800	222,228	26,024	49,664	441,851	269,365	143,805
75-80	5,383,100	11,596	202,432	19,100	47,606	521,632	323,469	173,874
80-85	4,168,600	15,192	187,597	15,755	44,993	605,751	374,611	210,572
85-90	2,800,400	13,621	131,223	10,142	34,042	534,890	327,426	184,829
90-95	1,626,000	11,613	74,866	5,329	20,932	421,590	263,904	145,829
95-100	731,200	4,297	32,032	1,842	9,726	238,031	148,030	77,571
100 AND OVER	239,800	1,992	6,067	634	2,808	88,408	55,251	26,711

PERIOD OF LIFE BETWEEN TWO EXACT AGES STATED IN YEARS	ATHEROSCLE-ROSIS (440)	PNEUMONIA AND INFLUENZA (480-487)	CHRONIC OBSTRUCTIVE PULMONARY DISEASES AND ALLIED CONDITIONS (490-496)	CHRONIC LIVER DISEASE AND CIRRHOSIS (571)	MOTOR VEHICLE ACCIDENTS (E810-E825)	ALL OTHER ACCIDENTS AND ADVERSE EFFECTS (E800-E807, E826-E949)	SUICIDE (E950-E959)	HOMICIDE AND LEGAL INTER-VENTION (E960-E978)
	NUMBER DYING OF 10,000,000 BORN ALIVE							
0-1	0	5,290	209	139	441	4,239	0	1,151
1-5	0	1,222	182	52	3,459	8,147	0	2,476
5-10	0	356	198	40	3,386	4,127	0	977
10-15	0	348	274	87	1,792	2,715	87	1,172
15-20	0	464	354	85	3,883	2,676	977	6,217
20-25	0	788	389	422	4,609	3,345	1,744	11,808
25-30	0	1,316	703	2,466	4,666	4,362	2,084	12,144
30-35	31	1,672	836	5,153	4,274	5,144	2,479	11,002
35-40	118	2,495	1,572	9,878	3,557	5,309	1,907	9,708
40-45	202	3,953	1,820	12,352	4,090	5,959	2,136	6,553
45-50	337	4,520	3,078	15,649	3,439	6,763	1,299	7,086
50-55	980	5,521	4,963	16,722	4,334	7,229	1,142	4,414
55-60	1,796	8,385	7,223	16,233	4,049	8,297	1,358	3,960
60-65	3,690	9,316	9,239	12,735	3,949	9,906	1,053	4,248
65-70	7,454	12,741	9,797	10,543	2,999	11,047	802	3,031
70-75	12,052	18,156	9,774	6,725	3,379	14,855	785	2,298
75-80	19,917	25,004	9,553	4,093	2,969	18,065	444	1,881
80-85	31,750	33,953	8,302	2,063	2,158	20,657	235	1,881
85-90	35,201	36,859	5,899	1,120	1,357	20,250	118	709
90-95	34,818	30,868	3,262	318	159	15,849	80	479
95-100	23,367	19,853	1,331	102	102	8,196	0	205
100 AND OVER	10,247	7,243	543	0	181	2,629	0	0

TABLE 15. PROBABILITY OF EVENTUALLY DYING FROM SPECIFIED CAUSES, BY EXACT AGE FOR THE TOTAL POPULATION: UNITED STATES, 1979-81

(NUMBERS AFTER CAUSES OF DEATH ARE CATEGORY NUMBERS OF THE NINTH REVISION INTERNATIONAL CLASSIFICATION OF DISEASES, 1975)

EXACT AGE IN YEARS	SEPTICEMIA (038)	MALIGNANT NEOPLASMS, INCLUDING NEOPLASMS OF LYMPHATIC AND HEMATOPOIETIC TISSUES (140-208)	MALIGNANT NEOPLASMS OF RESPIRATORY AND INTRATHORACIC ORGANS (160-165)	DIABETES MELLITUS (250)	DISEASES OF HEART (390-398, 402,404-429)	ISCHEMIC HEART DISEASE (410-414)	CEREBRO-VASCULAR DISEASES (430-438)	ATHEROSCLE-ROSIS (440)
0	.00492	.19563	.04833	.01736	.41216	.30601	.09836	.01984
1	.00490	.19810	.04895	.01758	.41721	.30991	.09957	.02009
5	.00489	.19841	.04907	.01762	.41815	.31067	.09980	.02014
10	.00489	.19848	.04914	.01764	.41874	.31114	.09994	.02017
15	.00490	.19858	.04921	.01766	.41933	.31161	.10008	.02020
20	.00491	.19925	.04944	.01774	.42119	.31305	.10052	.02030
25	.00493	.20021	.04975	.01783	.42376	.31506	.10111	.02043
30	.00495	.20101	.05006	.01789	.42625	.31705	.10167	.02056
35	.00496	.20156	.05035	.01792	.42865	.31900	.10221	.02070
40	.00497	.20175	.05056	.01794	.43122	.32110	.10284	.02089
45	.00498	.20125	.05050	.01797	.43407	.32342	.10371	.02117
50	.00501	.19934	.04974	.01803	.43735	.32602	.10507	.02162
55	.00504	.19491	.04777	.01809	.44145	.32920	.10728	.02233
60	.00508	.18739	.04435	.01806	.44624	.33271	.11070	.02341
65	.00516	.17605	.03906	.01788	.45210	.33663	.11576	.02507
70	.00524	.16046	.03203	.01745	.45949	.34115	.12258	.02752
75	.00536	.14105	.02415	.01666	.46831	.34575	.13060	.03120
80	.00549	.11916	.01671	.01534	.47837	.35044	.13851	.03650
85	.00546	.09590	.01081	.01348	.48966	.35488	.14372	.04400
90	.00524	.07243	.00652	.01107	.50349	.36128	.14435	.05465
95	.00524	.05218	.00384	.00885	.51314	.36451	.13943	.06728
100	.00614	.03383	.00245	.00686	.52179	.36375	.12588	.08217

EXACT AGE IN YEARS	PNEUMONIA AND INFLUENZA (480-487)	CHRONIC OBSTRUCTIVE PULMONARY DISEASES AND ALLIED CONDITIONS (490-496)	CHRONIC LIVER DISEASE AND CIRRHOSIS (571)	MOTOR VEHICLE ACCIDENTS (E810-E825)	ALL OTHER ACCIDENTS AND ADVERSE EFFECTS (E800-E807, E826-E949)	SUICIDE (E950-E959)	HOMICIDE AND LEGAL INTERVENTION (E960-E978)
0	.03102	.02745	.01228	.01635	.02133	.00944	.00723
1	.03114	.02778	.01243	.01649	.02136	.00956	.00726
5	.03114	.02784	.01246	.01618	.02077	.00959	.00718
10	.03115	.02787	.01248	.01581	.02045	.00960	.00714
15	.03118	.02790	.01249	.01544	.02011	.00957	.00708
20	.03129	.02801	.01255	.01346	.01952	.00920	.00661
25	.03144	.02818	.01261	.01125	.01872	.00845	.00567
30	.03159	.02834	.01259	.00967	.01795	.00766	.00469
35	.03172	.02851	.01244	.00849	.01727	.00693	.00384
40	.03187	.02872	.01204	.00748	.01662	.00620	.00310
45	.03212	.02901	.01134	.00657	.01599	.00549	.00244
50	.03255	.02937	.01032	.00578	.01539	.00482	.00186
55	.03327	.02975	.00894	.00507	.01485	.00415	.00144
60	.03439	.02994	.00744	.00443	.01450	.00353	.00112
65	.03618	.02946	.00583	.00390	.01435	.00299	.00088
70	.03885	.02787	.00418	.00343	.01450	.00250	.00069
75	.04277	.02467	.00285	.00291	.01497	.00203	.00056
80	.04793	.02039	.00185	.00225	.01568	.00152	.00044
85	.05422	.01593	.00116	.00155	.01657	.00110	.00034
90	.06138	.01170	.00065	.00092	.01700	.00072	.00030
95	.06874	.00910	.00039	.00060	.01705	.00043	.00035
100	.07822	.00614	.00028	.00062	.01565	.00034	.00039

TABLE 16. PROBABILITY OF EVENTUALLY DYING FROM SPECIFIED CAUSES, BY EXACT AGE FOR WHITE MALES: UNITED STATES, 1979-81

(NUMBERS AFTER CAUSES OF DEATH ARE CATEGORY NUMBERS OF THE NINTH REVISION INTERNATIONAL CLASSIFICATION OF DISEASES, 1975)

EXACT AGE IN YEARS	SEPTICEMIA (038)	MALIGNANT NEOPLASMS, INCLUDING NEOPLASMS OF LYMPHATIC AND HEMATOPOIETIC TISSUES (140-208)	MALIGNANT NEOPLASMS OF RESPIRATORY AND INTRATHORACIC ORGANS (160-165)	DIABETES MELLITUS (250)	DISEASES OF HEART (390-398, 402,404-429)	ISCHEMIC HEART DISEASE (410-414)	CEREBRO-VASCULAR DISEASES (430-438)	ATHEROSCLE-ROSIS (440)
0	.00413	.20950	.07129	.01319	.41198	.32194	.07289	.01421
1	.00411	.21208	.07218	.01335	.41691	.32594	.07376	.01439
5	.00411	.21240	.07236	.01338	.41788	.32676	.07393	.01443
10	.00411	.21247	.07248	.01340	.41853	.32730	.07404	.01445
15	.00411	.21264	.07261	.01342	.41926	.32790	.07416	.01448
20	.00413	.21376	.07309	.01350	.42196	.33008	.07463	.01457
25	.00416	.21535	.07376	.01361	.42575	.33315	.07528	.01471
30	.00418	.21666	.07438	.01367	.42916	.33594	.07585	.01484
35	.00420	.21770	.07494	.01369	.43210	.33838	.07635	.01496
40	.00422	.21861	.07545	.01368	.43478	.34058	.07692	.01512
45	.00424	.21926	.07573	.01369	.43709	.34242	.07771	.01534
50	.00427	.21910	.07535	.01373	.43892	.34371	.07900	.01571
55	.00432	.21704	.07356	.01378	.44062	.34484	.08109	.01631
60	.00440	.21221	.06999	.01380	.44195	.34541	.08444	.01726
65	.00451	.20344	.06383	.01371	.44383	.34581	.08942	.01877
70	.00467	.18977	.05477	.01356	.44698	.34651	.09637	.02109
75	.00491	.17090	.04340	.01316	.45198	.34724	.10452	.02463
80	.00525	.14795	.03120	.01242	.45963	.34917	.11244	.02996
85	.00535	.12274	.02051	.01116	.47080	.35244	.11718	.03738
90	.00538	.09432	.01200	.00949	.48737	.35990	.11747	.04828
95	.00564	.06744	.00670	.00791	.49850	.36404	.11531	.06137
100	.00839	.04342	.00522	.00752	.50700	.36106	.10223	.07703

EXACT AGE IN YEARS	PNEUMONIA AND INFLUENZA (480-487)	CHRONIC OBSTRUCTIVE PULMONARY DISEASES AND ALLIED CONDITIONS (490-496)	CHRONIC LIVER DISEASE AND CIRRHOSIS (571)	MOTOR VEHICLE ACCIDENTS (E810-E825)	ALL OTHER ACCIDENTS AND ADVERSE EFFECTS (E800-E807, E826-E949)	SUICIDE (E950-E959)	HOMICIDE AND LEGAL INTERVENTION (E960-E978)
0	.02869	.04004	.01521	.02367	.02465	.01507	.00708
1	.02881	.04052	.01539	.02390	.02473	.01526	.00712
5	.02881	.04061	.01542	.02360	.02407	.01529	.00707
10	.02883	.04067	.01545	.02318	.02372	.01532	.00704
15	.02886	.04073	.01547	.02268	.02326	.01528	.00700
20	.02902	.04099	.01557	.01958	.02229	.01468	.00654
25	.02925	.04136	.01570	.01588	.02095	.01344	.00564
30	.02944	.04170	.01574	.01333	.01967	.01216	.00474
35	.02962	.04203	.01563	.01145	.01859	.01105	.00392
40	.02981	.04244	.01527	.00993	.01758	.00996	.00316
45	.03012	.04302	.01454	.00862	.01660	.00892	.00249
50	.03063	.04385	.01338	.00749	.01569	.00799	.00190
55	.03151	.04497	.01177	.00653	.01484	.00707	.00144
60	.03289	.04618	.00995	.00571	.01422	.00622	.00111
65	.03515	.04693	.00785	.00507	.01386	.00553	.00087
70	.03868	.04636	.00561	.00460	.01392	.00488	.00067
75	.04403	.04334	.00384	.00421	.01450	.00425	.00054
80	.05146	.03773	.00251	.00359	.01556	.00345	.00046
85	.06014	.03082	.00167	.00277	.01724	.00272	.00037
90	.07030	.02346	.00102	.00183	.01841	.00187	.00037
95	.07953	.01836	.00053	.00106	.02038	.00121	.00052
100	.09730	.01302	.00027	.00059	.02205	.00087	.00059

TABLE 17. PROBABILITY OF EVENTUALLY DYING FROM SPECIFIED CAUSES, BY EXACT AGE FOR WHITE FEMALES: UNITED STATES, 1979-81

(NUMBERS AFTER CAUSES OF DEATH ARE CATEGORY NUMBERS OF THE NINTH REVISION INTERNATIONAL CLASSIFICATION OF DISEASES, 1975)

EXACT AGE IN YEARS	SEPTICEMIA (038)	MALIGNANT NEOPLASMS, INCLUDING NEOPLASMS OF LYMPHATIC AND HEMATOPOIETIC TISSUES (140-208)	MALIGNANT NEOPLASMS OF RESPIRATORY AND INTRATHORACIC ORGANS (160-165)	DIABETES MELLITUS (250)	DISEASES OF HEART (390-398, 402,404-429)	ISCHEMIC HEART DISEASE (410-414)	CEREBRO-VASCULAR DISEASES (430-438)	ATHEROSCLE-ROSIS (440)
0	.00481	.18332	.02645	.01967	.42698	.31235	.12257	.02681
1	.00481	.18508	.02671	.01986	.43099	.31539	.12374	.02707
5	.00480	.18528	.02676	.01990	.43173	.31601	.12397	.02712
10	.00480	.18530	.02679	.01992	.43222	.31637	.12410	.02715
15	.00480	.18533	.02682	.01993	.43265	.31672	.12422	.02718
20	.00481	.18559	.02688	.01997	.43367	.31750	.12450	.02725
25	.00481	.18587	.02695	.02000	.43481	.31839	.12481	.02733
30	.00481	.18598	.02702	.02002	.43596	.31932	.12511	.02741
35	.00481	.18575	.02707	.02002	.43729	.32040	.12544	.02751
40	.00481	.18496	.02704	.02002	.43915	.32191	.12587	.02766
45	.00482	.18315	.02676	.02005	.44182	.32407	.12653	.02789
50	.00483	.17959	.02596	.02009	.44572	.32717	.12756	.02828
55	.00485	.17330	.02442	.02012	.45124	.33154	.12934	.02889
60	.00487	.16414	.02206	.02005	.45831	.33700	.13203	.02981
65	.00490	.15183	.01880	.01977	.46670	.34329	.13607	.03125
70	.00493	.13643	.01489	.01914	.47611	.34993	.14154	.03337
75	.00497	.11897	.01111	.01804	.48575	.35600	.14798	.03661
80	.00496	.10011	.00796	.01629	.49503	.36082	.15418	.04137
85	.00485	.08048	.00571	.01397	.50424	.36447	.15758	.04853
90	.00452	.06114	.00392	.01105	.51574	.37020	.15565	.05906
95	.00438	.04406	.00247	.00827	.52509	.37496	.14726	.07244
100	.00462	.02781	.00087	.00506	.53739	.38095	.12878	.09121

EXACT AGE IN YEARS	PNEUMONIA AND INFLUENZA (480-487)	CHRONIC OBSTRUCTIVE PULMONARY DISEASES AND ALLIED CONDITIONS (490-496)	CHRONIC LIVER DISEASE AND CIRRHOSIS (571)	MOTOR VEHICLE ACCIDENTS (E810-E825)	ALL OTHER ACCIDENTS AND ADVERSE EFFECTS (E800-E807, E826-E949)	SUICIDE (E950-E959)	HOMICIDE AND LEGAL INTERVENTION (E960-E978)
0	.03399	.01807	.00832	.00964	.01638	.00510	.00236
1	.03414	.01824	.00839	.00966	.01637	.00515	.00235
5	.03415	.01826	.00841	.00937	.01597	.00516	.00228
10	.03416	.01828	.00841	.00910	.01579	.00516	.00225
15	.03417	.01829	.00842	.00883	.01565	.00514	.00220
20	.03423	.01832	.00844	.00766	.01548	.00499	.00203
25	.03429	.01836	.00845	.00667	.01526	.00470	.00178
30	.03435	.01840	.00844	.00599	.01506	.00433	.00155
35	.03442	.01845	.00839	.00548	.01487	.00395	.00136
40	.03453	.01851	.00821	.00498	.01469	.00350	.00118
45	.03472	.01857	.00785	.00450	.01449	.00302	.00099
50	.03505	.01860	.00727	.00406	.01430	.00252	.00083
55	.03559	.01851	.00640	.00366	.01416	.00201	.00072
60	.03643	.01816	.00541	.00326	.01412	.00158	.00063
65	.03774	.01721	.00436	.00289	.01421	.00121	.00056
70	.03974	.01559	.00325	.00252	.01448	.00090	.00048
75	.04270	.01329	.00229	.00203	.01487	.00065	.00041
80	.04679	.01096	.00152	.00145	.01543	.00044	.00033
85	.05235	.00884	.00093	.00092	.01595	.00031	.00026
90	.05940	.00697	.00051	.00050	.01609	.00022	.00021
95	.06786	.00591	.00034	.00033	.01553	.00012	.00020
100	.07988	.00436	.00026	.00044	.01273	.00017	.00018

TABLE 18. PROBABILITY OF EVENTUALLY DYING FROM SPECIFIED CAUSES, BY EXACT AGE FOR MALES OTHER THAN WHITE: UNITED STATES, 1979-81

(NUMBERS AFTER CAUSES OF DEATH ARE CATEGORY NUMBERS OF THE NINTH REVISION INTERNATIONAL CLASSIFICATION OF DISEASES, 1975)

EXACT AGE IN YEARS	SEPTICEMIA (038)	MALIGNANT NEOPLASMS, INCLUDING NEOPLASMS OF LYMPHATIC AND HEMATOPOIETIC TISSUES (140-208)	MALIGNANT NEOPLASMS OF RESPIRATORY AND INTRATHORACIC ORGANS (160-165)	DIABETES MELLITUS (250)	DISEASES OF HEART (390-398, 402,404-429)	ISCHEMIC HEART DISEASE (410-414)	CEREBRO-VASCULAR DISEASES (430-438)	ATHEROSCLE-ROSIS (440)
0	.00774	.21345	.06930	.01669	.33158	.20566	.08337	.01048
1	.00775	.21791	.07075	.01704	.33820	.20997	.08503	.01070
5	.00773	.21859	.07102	.01710	.33934	.21079	.08534	.01074
10	.00774	.21889	.07118	.01713	.34007	.21126	.08553	.01077
15	.00775	.21918	.07134	.01716	.34077	.21175	.08570	.01079
20	.00780	.22039	.07184	.01727	.34294	.21322	.08627	.01087
25	.00788	.22285	.07275	.01744	.34693	.21591	.08726	.01101
30	.00796	.22599	.07392	.01764	.35175	.21921	.08849	.01119
35	.00803	.22954	.07523	.01781	.35682	.22273	.08974	.01140
40	.00810	.23333	.07661	.01796	.36185	.22642	.09103	.01168
45	.00820	.23671	.07749	.01803	.36681	.23013	.09257	.01206
50	.00834	.23881	.07717	.01815	.37170	.23379	.09459	.01263
55	.00852	.23808	.07488	.01827	.37686	.23765	.09747	.01346
60	.00872	.23356	.06972	.01811	.38124	.24115	.10151	.01466
65	.00901	.22416	.06135	.01794	.38593	.24510	.10645	.01628
70	.00938	.20939	.05060	.01732	.39275	.24955	.11168	.01855
75	.00975	.19105	.03998	.01647	.40023	.25370	.11588	.02138
80	.01037	.17169	.03045	.01447	.40930	.25845	.11824	.02533
85	.01162	.14501	.02093	.01329	.41940	.26390	.11941	.03059
90	.01109	.12005	.01452	.01091	.43032	.27236	.12424	.03837
95	.01163	.09686	.00976	.00893	.44201	.28085	.12499	.04615
100	.00653	.07069	.00979	.00653	.45589	.28726	.12183	.04680

EXACT AGE IN YEARS	PNEUMONIA AND INFLUENZA (480-487)	CHRONIC OBSTRUCTIVE PULMONARY DISEASES AND ALLIED CONDITIONS (490-496)	CHRONIC LIVER DISEASE AND CIRRHOSIS (571)	MOTOR VEHICLE ACCIDENTS (E810-E825)	ALL OTHER ACCIDENTS AND ADVERSE EFFECTS (E800-E807, E826-E949)	SUICIDE (E950-E959)	HOMICIDE AND LEGAL INTERVENTION (E960-E978)
0	.02862	.02079	.02036	.02194	.03427	.00786	.03823
1	.02860	.02119	.02077	.02234	.03454	.00803	.03890
5	.02857	.02124	.02085	.02195	.03354	.00806	.03881
10	.02860	.02127	.02090	.02138	.03284	.00807	.03879
15	.02865	.02128	.02094	.02101	.03210	.00807	.03866
20	.02880	.02139	.02108	.01969	.03105	.00770	.03661
25	.02908	.02161	.02130	.01755	.02979	.00675	.03204
30	.02938	.02190	.02128	.01557	.02836	.00571	.02640
35	.02964	.02222	.02068	.01379	.02677	.00477	.02132
40	.02973	.02261	.01929	.01213	.02521	.00405	.01701
45	.02991	.02312	.01714	.01060	.02365	.00347	.01342
50	.03022	.02374	.01449	.00927	.02208	.00295	.01014
55	.03088	.02448	.01130	.00801	.02043	.00260	.00746
60	.03203	.02511	.00859	.00686	.01941	.00221	.00565
65	.03380	.02529	.00616	.00603	.01854	.00194	.00401
70	.03620	.02478	.00417	.00515	.01821	.00173	.00300
75	.04024	.02334	.00268	.00432	.01876	.00159	.00239
80	.04480	.02110	.00184	.00343	.01920	.00151	.00179
85	.05120	.01902	.00143	.00290	.02009	.00145	.00139
90	.05399	.01612	.00090	.00243	.02258	.00171	.00129
95	.06002	.01702	.00082	.00244	.02338	.00162	.00191
100	.06639	.00979	.00109	.00217	.02613	.00109	.00326

TABLE 19. PROBABILITY OF EVENTUALLY DYING FROM SPECIFIED CAUSES, BY EXACT AGE FOR FEMALES OTHER THAN WHITE: UNITED STATES, 1979-81

(NUMBERS AFTER CAUSES OF DEATH ARE CATEGORY NUMBERS OF THE NINTH REVISION INTERNATIONAL CLASSIFICATION OF DISEASES, 1975)

EXACT AGE IN YEARS	SEPTICEMIA (038)	MALIGNANT NEOPLASMS, INCLUDING NEOPLASMS OF LYMPHATIC AND HEMATOPOIETIC TISSUES (140-208)	MALIGNANT NEOPLASMS OF RESPIRATORY AND INTRATHORACIC ORGANS (160-165)	DIABETES MELLITUS (250)	DISEASES OF HEART (390-398, 402,404-429)	ISCHEMIC HEART DISEASE (410-414)	CEREBRO-VASCULAR DISEASES (430-438)	ATHEROSCLE-ROSIS (440)
0	.00958	.16934	.02196	.03394	.39045	.23790	.12776	.01923
1	.00959	.17232	.02235	.03454	.39704	.24210	.12996	.01957
5	.00959	.17270	.02242	.03465	.39812	.24285	.13035	.01963
10	.00960	.17279	.02245	.03469	.39868	.24322	.13054	.01966
15	.00960	.17286	.02248	.03473	.39915	.24356	.13070	.01969
20	.00962	.17310	.02254	.03481	.40008	.24421	.13101	.01974
25	.00964	.17354	.02263	.03492	.40150	.24521	.13145	.01982
30	.00966	.17399	.02274	.03504	.40333	.24655	.13198	.01994
35	.00969	.17418	.02286	.03519	.40554	.24819	.13261	.02009
40	.00972	.17386	.02290	.03534	.40845	.25043	.13345	.02030
45	.00974	.17232	.02271	.03557	.41208	.25330	.13455	.02064
50	.00984	.16902	.02177	.03578	.41682	.25704	.13600	.02118
55	.00989	.16311	.02017	.03574	.42275	.26153	.13827	.02195
60	.01000	.15441	.01779	.03535	.42958	.26656	.14152	.02308
65	.01022	.14347	.01509	.03420	.43613	.27124	.14606	.02465
70	.01037	.13170	.01266	.03215	.44299	.27596	.15060	.02663
75	.01066	.11777	.01033	.02961	.45056	.28147	.15437	.02958
80	.01104	.10366	.00859	.02695	.45734	.28585	.15769	.03328
85	.01112	.08798	.00658	.02408	.46540	.29108	.15931	.03802
90	.01097	.07146	.00516	.02069	.47463	.29871	.16060	.04360
95	.00936	.05624	.00385	.01791	.48440	.30460	.15504	.05049
100	.01061	.03475	.00338	.01593	.48965	.30710	.15108	.05655

EXACT AGE IN YEARS	PNEUMONIA AND INFLUENZA (480-487)	CHRONIC OBSTRUCTIVE PULMONARY DISEASES AND ALLIED CONDITIONS (490-496)	CHRONIC LIVER DISEASE AND CIRRHOSIS (571)	MOTOR VEHICLE ACCIDENTS (E810-E825)	ALL OTHER ACCIDENTS AND ADVERSE EFFECTS (E800-E807, E826-E949)	SUICIDE (E950-E959)	HOMICIDE AND LEGAL INTERVENTION (E960-E978)
0	.02488	.00820	.01138	.00714	.01888	.00228	.00839
1	.02484	.00833	.01157	.00722	.01883	.00232	.00844
5	.02480	.00833	.01160	.00688	.01812	.00233	.00824
10	.02481	.00833	.01161	.00655	.01775	.00233	.00816
15	.02481	.00832	.01162	.00634	.01751	.00232	.00807
20	.02483	.00831	.01164	.00586	.01729	.00221	.00751
25	.02486	.00831	.01165	.00533	.01703	.00201	.00644
30	.02489	.00829	.01147	.00481	.01671	.00178	.00538
35	.02492	.00827	.01106	.00435	.01636	.00151	.00445
40	.02498	.00823	.01022	.00395	.01604	.00130	.00361
45	.02504	.00820	.00916	.00351	.01576	.00108	.00304
50	.02529	.00813	.00779	.00318	.01551	.00092	.00244
55	.02573	.00795	.00627	.00276	.01536	.00078	.00206
60	.02635	.00763	.00476	.00240	.01537	.00063	.00174
65	.02749	.00711	.00353	.00206	.01547	.00052	.00136
70	.02899	.00652	.00236	.00182	.01576	.00044	.00112
75	.03125	.00595	.00158	.00151	.01615	.00036	.00092
80	.03385	.00526	.00100	.00120	.01648	.00026	.00077
85	.03740	.00463	.00062	.00080	.01716	.00021	.00048
90	.04003	.00373	.00024	.00049	.01688	.00019	.00043
95	.04373	.00317	.00013	.00058	.01585	.00013	.00026
100	.04247	.00289	.00000	.00096	.01643	.00000	.00000

TABLE 20. PROBABILITY OF EVENTUALLY DYING FROM SPECIFIED CAUSES, BY EXACT AGE FOR BLACK MALES: UNITED STATES, 1979-81

(NUMBERS AFTER CAUSES OF DEATH ARE CATEGORY NUMBERS OF THE NINTH REVISION INTERNATIONAL CLASSIFICATION OF DISEASES, 1975)

EXACT AGE IN YEARS	SEPTICEMIA (038)	MALIGNANT NEOPLASMS, INCLUDING NEOPLASMS OF LYMPHATIC AND HEMATOPOIETIC TISSUES (140-208)	MALIGNANT NEOPLASMS OF RESPIRATORY AND INTRATHORACIC ORGANS (160-165)	DIABETES MELLITUS (250)	DISEASES OF HEART (390-398, 402,404-429)	ISCHEMIC HEART DISEASE (410-414)	CEREBRO-VASCULAR DISEASES (430-438)	ATHEROSCLE-ROSIS (440)
0	.00781	.21465	.07148	.01630	.32605	.19857	.08171	.00984
1	.00783	.21966	.07316	.01668	.33333	.20323	.08353	.01007
5	.00781	.22039	.07346	.01674	.33452	.20407	.08386	.01011
10	.00782	.22073	.07364	.01678	.33530	.20457	.08405	.01013
15	.00783	.22103	.07381	.01681	.33602	.20506	.08423	.01016
20	.00788	.22227	.07434	.01691	.33818	.20652	.08479	.01023
25	.00796	.22490	.07535	.01709	.34235	.20928	.08582	.01037
30	.00806	.22847	.07669	.01730	.34762	.21284	.08715	.01056
35	.00813	.23271	.07828	.01748	.35339	.21680	.08857	.01079
40	.00821	.23727	.07996	.01763	.35916	.22097	.08999	.01110
45	.00833	.24137	.08104	.01774	.36468	.22506	.09166	.01151
50	.00851	.24404	.08078	.01788	.37004	.22910	.09387	.01213
55	.00871	.24364	.07837	.01805	.37565	.23331	.09697	.01301
60	.00893	.23914	.07275	.01792	.38034	.23707	.10137	.01428
65	.00927	.22971	.06380	.01778	.38521	.24108	.10661	.01597
70	.00969	.21451	.05214	.01712	.39239	.24565	.11231	.01832
75	.01018	.19522	.04068	.01637	.40083	.25042	.11672	.02136
80	.01093	.17499	.03032	.01425	.41112	.25588	.11917	.02544
85	.01243	.14809	.02065	.01308	.42179	.26119	.12020	.03102
90	.01197	.12199	.01454	.01078	.43519	.27114	.12554	.03889
95	.01226	.09957	.01042	.00919	.45123	.28543	.12563	.04783
100	.00719	.07318	.01080	.00719	.45616	.28934	.12840	.05043

EXACT AGE IN YEARS	PNEUMONIA AND INFLUENZA (480-487)	CHRONIC OBSTRUCTIVE PULMONARY DISEASES AND ALLIED CONDITIONS (490-496)	CHRONIC LIVER DISEASE AND CIRRHOSIS (571)	MOTOR VEHICLE ACCIDENTS (E810-E825)	ALL OTHER ACCIDENTS AND ADVERSE EFFECTS (E800-E807, E826-E949)	SUICIDE (E950-E959)	HOMICIDE AND LEGAL INTERVENTION (E960-E978)
0	.02707	.02015	.02128	.02157	.03507	.00754	.04403
1	.02701	.02059	.02177	.02202	.03539	.00771	.04492
5	.02697	.02063	.02185	.02164	.03433	.00774	.04482
10	.02700	.02066	.02191	.02163	.03357	.00776	.04481
15	.02704	.02067	.02196	.02068	.03278	.00776	.04468
20	.02719	.02077	.02210	.01955	.03170	.00749	.04236
25	.02746	.02100	.02235	.01755	.03045	.00659	.03713
30	.02777	.02130	.02236	.01561	.02896	.00554	.03050
35	.02803	.02167	.02172	.01374	.02724	.00455	.02433
40	.02806	.02211	.02017	.01202	.02549	.00383	.01911
45	.02816	.02267	.01779	.01048	.02378	.00322	.01485
50	.02835	.02333	.01495	.00908	.02200	.00273	.01108
55	.02891	.02411	.01150	.00778	.02021	.00236	.00806
60	.02987	.02473	.00861	.00658	.01911	.00198	.00580
65	.03143	.02482	.00610	.00576	.01822	.00169	.00423
70	.03355	.02419	.00400	.00493	.01784	.00145	.00313
75	.03721	.02249	.00242	.00403	.01841	.00131	.00253
80	.04146	.01972	.00155	.00325	.01879	.00116	.00187
85	.04725	.01687	.00125	.00269	.01953	.00102	.00138
90	.04807	.01350	.00082	.00237	.02207	.00102	.00126
95	.05274	.01348	.00062	.00245	.02088	.00061	.00215
100	.06125	.00719	.00121	.00121	.02164	.00000	.00361

TABLE 21. PROBABILITY OF EVENTUALLY DYING FROM SPECIFIED CAUSES, BY EXACT AGE FOR BLACK FEMALES: UNITED STATES, 1979-81

(NUMBERS AFTER CAUSES OF DEATH ARE CATEGORY NUMBERS OF THE NINTH REVISION INTERNATIONAL CLASSIFICATION OF DISEASES, 1975)

EXACT AGE IN YEARS	SEPTICEMIA (038)	MALIGNANT NEOPLASMS, INCLUDING NEOPLASMS OF LYMPHATIC AND HEMATOPOIETIC TISSUES (140-208)	MALIGNANT NEOPLASMS OF RESPIRATORY AND INTRATHORACIC ORGANS (160-165)	DIABETES MELLITUS (250)	DISEASES OF HEART (390-398, 402,404-429)	ISCHEMIC HEART DISEASE (410-414)	CEREBRO-VASCULAR DISEASES (430-438)	ATHEROSCLE-ROSIS (440)
0	.00973	.17174	.02236	.03419	.38959	.23508	.12593	.01856
1	.00974	.17510	.02280	.03486	.39689	.23969	.12834	.01893
5	.00974	.17551	.02288	.03498	.39804	.24048	.12875	.01899
10	.00975	.17562	.02291	.03503	.39864	.24087	.12894	.01902
15	.00976	.17569	.02294	.03506	.39913	.24122	.12911	.01905
20	.00977	.17594	.02300	.03514	.40006	.24187	.12942	.01910
25	.00979	.17641	.02310	.03525	.40154	.24291	.12987	.01918
30	.00982	.17691	.02322	.03538	.40350	.24435	.13043	.01930
35	.00984	.17718	.02337	.03555	.40596	.24617	.13110	.01946
40	.00988	.17694	.02342	.03570	.40914	.24863	.13200	.01970
45	.00990	.17537	.02321	.03594	.41302	.25172	.13317	.02007
50	.01002	.17188	.02214	.03619	.41808	.25573	.13476	.02065
55	.01007	.16564	.02030	.03615	.42430	.26044	.13718	.02147
60	.01020	.15631	.01765	.03577	.43156	.26570	.14072	.02268
65	.01046	.14484	.01474	.03463	.43842	.27050	.14555	.02436
70	.01063	.13265	.01221	.03256	.44549	.27526	.15027	.02642
75	.01096	.11822	.00985	.02993	.45359	.28094	.15398	.02953
80	.01138	.10410	.00814	.02723	.46061	.28520	.15713	.03335
85	.01151	.08797	.00649	.02446	.46935	.29076	.15870	.03831
90	.01145	.07080	.00494	.02120	.47938	.29940	.15966	.04433
95	.00957	.05506	.00370	.01851	.48943	.30488	.15561	.05095
100	.01126	.03430	.00359	.01588	.49976	.31233	.15099	.05793

EXACT AGE IN YEARS	PNEUMONIA AND INFLUENZA (480-487)	CHRONIC OBSTRUCTIVE PULMONARY DISEASES AND ALLIED CONDITIONS (490-496)	CHRONIC LIVER DISEASE AND CIRRHOSIS (571)	MOTOR VEHICLE ACCIDENTS (E810-E825)	ALL OTHER ACCIDENTS AND ADVERSE EFFECTS (E800-E807, E826-E949)	SUICIDE (E950-E959)	HOMICIDE AND LEGAL INTERVENTION (E960-E978)
0	.02329	.00797	.01170	.00633	.01907	.00187	.00934
1	.02321	.00810	.01191	.00641	.01901	.00191	.00941
5	.02316	.00811	.01195	.00608	.01824	.00192	.00918
10	.02316	.00811	.01196	.00574	.01785	.00192	.00910
15	.02316	.00809	.01197	.00556	.01760	.00191	.00899
20	.02318	.00808	.01200	.00518	.01737	.00182	.00838
25	.02320	.00807	.01200	.00473	.01710	.00165	.00719
30	.02320	.00805	.01182	.00427	.01675	.00144	.00598
35	.02323	.00803	.01138	.00386	.01636	.00119	.00487
40	.02326	.00796	.01048	.00353	.01600	.00100	.00390
45	.02329	.00792	.00935	.00316	.01567	.00079	.00327
50	.02350	.00782	.00789	.00287	.01540	.00067	.00258
55	.02393	.00760	.00630	.00249	.01526	.00057	.00218
60	.02448	.00721	.00470	.00216	.01524	.00044	.00183
65	.02556	.00664	.00341	.00182	.01535	.00034	.00143
70	.02696	.00600	.00223	.00160	.01567	.00026	.00115
75	.02905	.00540	.00143	.00130	.01608	.00016	.00096
80	.03151	.00469	.00086	.00096	.01644	.00010	.00079
85	.03478	.00401	.00055	.00067	.01709	.00007	.00050
90	.03723	.00328	.00026	.00031	.01698	.00005	.00042
95	.04058	.00283	.00014	.00047	.01608	.00000	.00028
100	.04094	.00307	.00000	.00102	.01486	.00000	.00000

TABLE 22. GAIN IN EXPECTATION OF LIFE DUE TO ELIMINATION OF SPECIFIED CAUSES OF DEATH, BY EXACT AGE FOR THE TOTAL POPULATION: UNITED STATES, 1979-81

(NUMBERS AFTER CAUSES OF DEATH ARE CATEGORY NUMBERS OF THE NINTH REVISION INTERNATIONAL CLASSIFICATION OF DISEASES, 1975)

EXACT AGE IN YEARS	SEPTICEMIA (038)	MALIGNANT NEOPLASMS, INCLUDING NEOPLASMS OF LYMPHATIC AND HEMATOPOIETIC TISSUES (140-208)	MALIGNANT NEOPLASMS OF RESPIRATORY AND INTRATHORACIC ORGANS (160-165)	DIABETES MELLITUS (250)	DISEASES OF HEART (390-398, 402,404-429)	ISCHEMIC HEART DISEASE (410-414)	CEREBRO-VASCULAR DISEASES (430-438)	ATHEROSCLE-ROSIS (440)
	GAIN IN YEARS FOR ENTIRE COHORT							
0	0.06	3.00	0.75	0.20	5.79	3.80	0.91	0.12
1	0.05	3.04	0.76	0.21	5.85	3.85	0.91	0.12
5	0.05	3.03	0.76	0.21	5.86	3.86	0.92	0.12
10	0.05	3.02	0.76	0.21	5.86	3.87	0.92	0.12
15	0.06	3.02	0.77	0.21	5.88	3.88	0.92	0.13
20	0.05	3.02	0.77	0.21	5.89	3.89	0.92	0.13
25	0.05	3.01	0.77	0.21	5.92	3.91	0.92	0.12
30	0.05	3.01	0.78	0.21	5.95	3.94	0.93	0.13
35	0.05	2.99	0.77	0.20	5.95	3.95	0.92	0.12
40	0.05	2.94	0.77	0.20	5.95	3.95	0.92	0.13
45	0.05	2.86	0.76	0.20	5.90	3.92	0.91	0.13
50	0.05	2.72	0.72	0.19	5.80	3.85	0.90	0.13
55	0.05	2.49	0.64	0.18	5.64	3.74	0.89	0.13
60	0.04	2.18	0.55	0.17	5.42	3.57	0.89	0.14
65	0.04	1.82	0.42	0.16	5.13	3.35	0.88	0.15
70	0.03	1.42	0.29	0.13	4.78	3.07	0.86	0.15
75	0.03	1.04	0.18	0.11	4.38	2.76	0.83	0.16
80	0.03	0.70	0.10	0.08	3.93	2.41	0.76	0.17
85	0.02	0.44	0.04	0.05	3.45	2.03	0.65	0.17
90	0.01	0.24	0.02	0.03	2.99	1.68	0.51	0.17
95	0.01	0.13	0.01	0.02	2.57	1.38	0.38	0.17
100	0.01	0.06	0.00	0.01	2.29	1.15	0.27	0.17
	GAIN IN YEARS FOR THOSE WHO WOULD HAVE DIED FROM THE SPECIFIED CAUSE							
0	12.01	15.36	15.49	11.88	14.06	12.44	9.23	6.09
1	11.12	15.35	15.49	11.88	14.03	12.43	9.20	6.09
5	10.87	15.30	15.50	11.88	14.01	12.43	9.20	6.10
10	10.74	15.23	15.50	11.88	14.01	12.43	9.19	6.10
15	10.75	15.18	15.50	11.85	14.00	12.43	9.19	6.10
20	10.64	15.13	15.50	11.82	13.99	12.43	9.17	6.10
25	10.55	15.06	15.49	11.78	13.97	12.43	9.14	6.10
30	10.37	14.97	15.48	11.67	13.94	12.42	9.11	6.10
35	10.23	14.83	15.44	11.50	13.90	12.39	9.05	6.10
40	10.05	14.60	15.32	11.27	13.79	12.31	8.95	6.10
45	9.77	14.23	15.02	10.99	13.60	12.13	8.81	6.09
50	9.38	13.63	14.42	10.62	13.26	11.81	8.60	6.05
55	8.88	12.75	13.47	10.12	12.78	11.35	8.33	5.99
60	8.28	11.64	12.25	9.45	12.15	10.73	8.01	5.88
65	7.58	10.32	10.77	8.59	11.34	9.94	7.59	5.71
70	6.78	8.86	9.13	7.59	10.40	9.02	7.05	5.45
75	5.90	7.35	7.42	6.49	9.34	7.96	6.34	5.06
80	5.01	5.90	5.82	5.34	8.21	6.86	5.49	4.53
85	4.04	4.57	4.44	4.23	7.05	5.73	4.53	3.87
90	3.09	3.40	3.28	3.19	5.93	4.66	3.56	3.15
95	2.34	2.52	2.44	2.46	5.01	3.78	2.75	2.51
100	1.63	1.91	1.32	1.90	4.39	3.18	2.18	2.05

TABLE 22. GAIN IN EXPECTATION OF LIFE DUE TO ELIMINATION OF SPECIFIED CAUSES OF DEATH, BY EXACT AGE FOR THE TOTAL POPULATION: UNITED STATES, 1979-81--CON.

(NUMBERS AFTER CAUSES OF DEATH ARE CATEGORY NUMBERS OF THE NINTH REVISION INTERNATIONAL CLASSIFICATION OF DISEASES, 1975)

EXACT AGE IN YEARS	PNEUMONIA AND INFLUENZA (480-487)	CHRONIC OBSTRUCTIVE PULMONARY DISEASES AND ALLIED CONDITIONS (490-496)	CHRONIC LIVER DISEASE AND CIRRHOSIS (571)	MOTOR VEHICLE ACCIDENTS (E810-E825)	ALL OTHER ACCIDENTS AND ADVERSE EFFECTS (E800-E807, E826-E949)	SUICIDE (E950-E959)	HOMICIDE AND LEGAL INTERVENTION (E960-E978)
	GAIN IN YEARS FOR ENTIRE COHORT						
0	0.28	0.32	0.26	0.62	0.50	0.28	0.28
1	0.26	0.32	0.26	0.63	0.49	0.29	0.28
5	0.26	0.32	0.26	0.60	0.45	0.29	0.27
10	0.26	0.32	0.26	0.58	0.43	0.29	0.27
15	0.26	0.33	0.27	0.56	0.41	0.29	0.27
20	0.26	0.33	0.27	0.44	0.37	0.27	0.24
25	0.25	0.32	0.26	0.31	0.32	0.22	0.19
30	0.26	0.33	0.26	0.24	0.28	0.19	0.14
35	0.25	0.32	0.25	0.18	0.24	0.15	0.10
40	0.25	0.32	0.23	0.14	0.21	0.12	0.07
45	0.25	0.33	0.21	0.11	0.19	0.10	0.05
50	0.24	0.33	0.17	0.09	0.16	0.08	0.03
55	0.24	0.32	0.14	0.07	0.14	0.06	0.02
60	0.24	0.31	0.10	0.05	0.12	0.04	0.02
65	0.24	0.28	0.07	0.04	0.11	0.03	0.01
70	0.23	0.23	0.04	0.03	0.09	0.02	0.00
75	0.24	0.17	0.02	0.02	0.09	0.02	0.01
80	0.23	0.11	0.01	0.01	0.08	0.01	0.00
85	0.22	0.07	0.00	0.00	0.06	0.00	0.00
90	0.19	0.03	0.00	0.00	0.05	0.00	0.00
95	0.17	0.02	0.00	0.00	0.04	0.00	0.00
100	0.16	0.01	0.00	0.00	0.02	0.00	0.00
	GAIN IN YEARS FOR THOSE WHO WOULD HAVE DIED FROM THE SPECIFIED CAUSE						
0	9.06	11.67	21.04	38.31	23.78	30.42	39.17
1	8.48	11.62	20.99	38.18	23.20	30.43	38.85
5	8.31	11.58	21.00	37.41	21.65	30.43	38.36
10	8.25	11.55	21.00	36.66	20.86	30.43	38.13
15	8.22	11.54	21.01	35.99	20.09	30.30	37.88
20	8.17	11.52	21.02	32.62	18.75	29.08	36.37
25	8.11	11.49	20.96	28.34	17.04	26.77	33.41
30	8.02	11.46	20.73	24.85	15.47	24.36	30.10
35	7.92	11.43	20.28	22.03	14.12	22.12	26.90
40	7.78	11.37	19.47	19.55	12.89	19.98	23.85
45	7.61	11.28	18.30	17.22	11.71	17.91	20.88
50	7.40	11.08	16.83	15.14	10.56	15.92	17.78
55	7.15	10.74	15.06	13.20	9.42	13.90	15.00
60	6.84	10.20	13.22	11.43	8.42	11.97	12.49
65	6.47	9.34	11.33	9.87	7.47	10.21	10.29
70	6.02	8.24	9.33	8.45	6.60	8.64	8.20
75	5.48	6.91	7.49	7.05	5.75	7.12	6.44
80	4.82	5.55	5.88	5.68	4.88	5.58	4.93
85	4.03	4.30	4.54	4.32	3.99	4.36	3.38
90	3.22	3.17	3.53	2.93	3.10	3.26	2.39
95	2.52	2.34	3.25	0.37	2.35	1.69	1.31
100	2.05	1.71	2.00	0.00	1.75	0.00	0.00

TABLE 23. GAIN IN EXPECTATION OF LIFE DUE TO ELIMINATION OF SPECIFIED CAUSES OF DEATH, BY EXACT AGE FOR WHITE MALES: UNITED STATES, 1979-81

(NUMBERS AFTER CAUSES OF DEATH ARE CATEGORY NUMBERS OF THE NINTH REVISION INTERNATIONAL CLASSIFICATION OF DISEASES, 1975)

EXACT AGE IN YEARS	SEPTICEMIA (038)	MALIGNANT NEOPLASMS, INCLUDING NEOPLASMS OF LYMPHATIC AND HEMATOPOIETIC TISSUES (140-208)	MALIGNANT NEOPLASMS OF RESPIRATORY AND INTRATHORACIC ORGANS (160-165)	DIABETES MELLITUS (250)	DISEASES OF HEART (390-398, 402,404-429)	ISCHEMIC HEART DISEASE (410-414)	CEREBRO-VASCULAR DISEASES (430-438)	ATHEROSCLE-ROSIS (440)
	GAIN IN YEARS FOR ENTIRE COHORT							
0	0.04	2.86	0.95	0.15	5.83	4.15	0.63	0.08
1	0.04	2.89	0.96	0.15	5.89	4.20	0.64	0.09
5	0.04	2.89	0.97	0.15	5.90	4.22	0.64	0.09
10	0.04	2.87	0.97	0.15	5.91	4.22	0.64	0.09
15	0.04	2.86	0.97	0.15	5.91	4.23	0.64	0.09
20	0.04	2.87	0.98	0.15	5.95	4.26	0.65	0.09
25	0.04	2.87	0.98	0.15	5.99	4.29	0.65	0.09
30	0.04	2.87	1.00	0.16	6.04	4.33	0.66	0.10
35	0.04	2.86	1.00	0.15	6.05	4.34	0.65	0.09
40	0.04	2.84	1.00	0.15	6.04	4.34	0.65	0.09
45	0.04	2.78	0.98	0.14	5.95	4.27	0.64	0.09
50	0.04	2.68	0.94	0.13	5.79	4.14	0.64	0.09
55	0.04	2.50	0.86	0.13	5.54	3.95	0.64	0.10
60	0.04	2.24	0.75	0.12	5.20	3.68	0.64	0.10
65	0.03	1.90	0.60	0.11	4.78	3.35	0.63	0.10
70	0.03	1.53	0.44	0.09	4.33	2.98	0.63	0.11
75	0.03	1.13	0.28	0.08	3.83	2.57	0.60	0.12
80	0.03	0.78	0.16	0.06	3.35	2.18	0.55	0.13
85	0.02	0.49	0.08	0.04	2.87	1.79	0.45	0.12
90	0.01	0.28	0.03	0.02	2.46	1.45	0.35	0.13
95	0.01	0.14	0.01	0.01	2.08	1.17	0.26	0.13
100	0.00	0.06	0.00	0.00	1.82	0.95	0.17	0.12
	GAIN IN YEARS FOR THOSE WHO WOULD HAVE DIED FROM THE SPECIFIED CAUSE							
0	11.38	13.67	13.35	11.31	14.16	12.90	8.74	6.12
1	10.33	13.66	13.35	11.31	14.13	12.90	8.70	6.12
5	10.04	13.60	13.36	11.31	14.12	12.90	8.69	6.12
10	9.89	13.53	13.36	11.31	14.11	12.90	8.68	6.12
15	9.90	13.48	13.36	11.32	14.11	12.90	8.68	6.12
20	9.77	13.42	13.35	11.28	14.10	12.89	8.66	6.12
25	9.66	13.34	13.34	11.23	14.08	12.89	8.63	6.13
30	9.57	13.25	13.34	11.09	14.05	12.88	8.59	6.13
35	9.40	13.14	13.31	10.86	14.00	12.84	8.53	6.13
40	9.26	12.97	13.21	10.57	13.88	12.73	8.44	6.10
45	9.08	12.69	12.97	10.25	13.62	12.48	8.31	6.07
50	8.72	12.22	12.49	9.85	13.19	12.05	8.12	6.02
55	8.23	11.50	11.70	9.31	12.57	11.44	7.85	5.93
60	7.63	10.54	10.65	8.62	11.76	10.64	7.52	5.79
65	6.93	9.36	9.38	7.74	10.78	9.67	7.06	5.55
70	6.14	8.03	7.95	6.78	9.68	8.58	6.47	5.19
75	5.28	6.63	6.48	5.72	8.48	7.40	5.71	4.70
80	4.40	5.28	5.07	4.65	7.28	6.22	4.83	4.10
85	3.45	4.04	3.85	3.62	6.11	5.08	3.88	3.39
90	2.58	2.95	2.81	2.64	5.04	4.05	2.97	2.68
95	1.71	2.13	2.09	1.84	4.18	3.22	2.23	2.08
100	0.83	1.60	1.67	1.18	3.60	2.65	1.73	1.67

TABLE 23. GAIN IN EXPECTATION OF LIFE DUE TO ELIMINATION OF SPECIFIED CAUSES OF DEATH, BY EXACT AGE FOR WHITE MALES: UNITED STATES, 1979-81--CON.

(NUMBERS AFTER CAUSES OF DEATH ARE CATEGORY NUMBERS OF THE NINTH REVISION INTERNATIONAL CLASSIFICATION OF DISEASES, 1975)

EXACT AGE IN YEARS	PNEUMONIA AND INFLUENZA (480-487)	CHRONIC OBSTRUCTIVE PULMONARY DISEASES AND ALLIED CONDITIONS (490-496)	CHRONIC LIVER DISEASE AND CIRRHOSIS (571)	MOTOR VEHICLE ACCIDENTS (E810-E825)	ALL OTHER ACCIDENTS AND ADVERSE EFFECTS (E800-E807, E826-E949)	SUICIDE (E950-E959)	HOMICIDE AND LEGAL INTERVENTION (E960-E978)
	GAIN IN YEARS FOR ENTIRE COHORT						
0	0.24	0.39	0.28	0.87	0.63	0.42	0.25
1	0.23	0.40	0.28	0.88	0.62	0.42	0.25
5	0.23	0.40	0.28	0.86	0.58	0.43	0.25
10	0.22	0.40	0.28	0.83	0.55	0.43	0.25
15	0.22	0.40	0.28	0.80	0.52	0.42	0.24
20	0.22	0.40	0.29	0.63	0.46	0.39	0.22
25	0.22	0.40	0.29	0.44	0.39	0.32	0.17
30	0.23	0.41	0.29	0.32	0.33	0.27	0.14
35	0.22	0.41	0.28	0.24	0.28	0.21	0.10
40	0.22	0.41	0.26	0.18	0.24	0.17	0.07
45	0.22	0.41	0.23	0.13	0.20	0.13	0.04
50	0.22	0.42	0.20	0.10	0.17	0.11	0.03
55	0.22	0.42	0.16	0.08	0.14	0.09	0.02
60	0.22	0.41	0.12	0.06	0.12	0.07	0.02
65	0.22	0.38	0.08	0.04	0.10	0.05	0.01
70	0.22	0.34	0.05	0.03	0.09	0.04	0.01
75	0.22	0.26	0.03	0.03	0.08	0.03	0.00
80	0.23	0.19	0.02	0.02	0.07	0.02	0.01
85	0.21	0.11	0.00	0.01	0.06	0.01	0.00
90	0.19	0.06	0.00	0.00	0.05	0.00	0.00
95	0.17	0.04	0.00	0.00	0.04	0.00	0.00
100	0.16	0.02	0.00	0.00	0.03	0.00	0.00
	GAIN IN YEARS FOR THOSE WHO WOULD HAVE DIED FROM THE SPECIFIED CAUSE						
0	8.57	9.88	18.36	37.09	25.64	27.85	35.90
1	8.06	9.85	18.32	36.99	25.22	27.85	35.71
5	7.91	9.84	18.33	36.47	23.89	27.85	35.37
10	7.85	9.82	18.33	35.90	23.19	27.85	35.18
15	7.81	9.81	18.33	35.33	22.42	27.73	35.03
20	7.76	9.80	18.34	32.02	20.78	26.45	33.49
25	7.69	9.79	18.29	27.45	18.58	23.98	30.63
30	7.61	9.77	18.13	23.70	16.54	21.45	27.61
35	7.52	9.75	17.79	20.63	14.88	19.27	24.64
40	7.41	9.73	17.15	18.03	13.39	17.21	21.72
45	7.27	9.67	16.17	15.67	12.00	15.24	18.89
50	7.08	9.55	14.86	13.55	10.68	13.47	15.98
55	6.84	9.29	13.29	11.63	9.37	11.74	13.40
60	6.52	8.86	11.65	9.92	8.20	10.10	11.17
65	6.12	8.16	9.91	8.41	7.10	8.64	9.25
70	5.63	7.22	8.09	7.12	6.12	7.29	7.34
75	5.04	6.08	6.43	5.97	5.21	6.02	5.93
80	4.36	4.88	4.99	4.82	4.32	4.75	4.92
85	3.56	3.76	3.77	3.72	3.47	3.59	3.76
90	2.78	2.76	2.78	2.77	2.63	2.28	2.88
95	2.12	2.03	0.71	1.90	2.00	0.31	0.00
100	1.67	1.67	0.00	1.19	1.70	0.00	0.00

TABLE 24. GAIN IN EXPECTATION OF LIFE DUE TO ELIMINATION OF SPECIFIED CAUSES OF DEATH, BY EXACT AGE FOR WHITE FEMALES: UNITED STATES, 1979-81

(NUMBERS AFTER CAUSES OF DEATH ARE CATEGORY NUMBERS OF THE NINTH REVISION INTERNATIONAL CLASSIFICATION OF DISEASES, 1975)

EXACT AGE IN YEARS	SEPTICEMIA (038)	MALIGNANT NEOPLASMS, INCLUDING NEOPLASMS OF LYMPHATIC AND HEMATOPOIETIC TISSUES (140-208)	MALIGNANT NEOPLASMS OF RESPIRATORY AND INTRATHORACIC ORGANS (160-165)	DIABETES MELLITUS (250)	DISEASES OF HEART (390-398, 402,404-429)	ISCHEMIC HEART DISEASE (410-414)	CEREBRO-VASCULAR DISEASES (430-438)	ATHEROSCLE-ROSIS (440)
	GAIN IN YEARS FOR ENTIRE COHORT							
0	0.05	2.98	0.46	0.23	5.31	3.35	1.07	0.15
1	0.05	3.01	0.46	0.23	5.34	3.39	1.08	0.15
5	0.05	3.00	0.46	0.23	5.35	3.39	1.08	0.16
10	0.05	3.00	0.47	0.23	5.36	3.40	1.09	0.16
15	0.04	2.98	0.46	0.23	5.35	3.40	1.08	0.15
20	0.05	2.98	0.46	0.23	5.36	3.41	1.08	0.16
25	0.05	2.97	0.47	0.23	5.38	3.42	1.09	0.16
30	0.04	2.95	0.46	0.22	5.38	3.42	1.08	0.15
35	0.05	2.92	0.47	0.22	5.39	3.44	1.08	0.16
40	0.05	2.86	0.46	0.22	5.39	3.44	1.08	0.16
45	0.05	2.74	0.45	0.22	5.39	3.45	1.07	0.16
50	0.05	2.56	0.41	0.21	5.37	3.44	1.06	0.16
55	0.04	2.29	0.36	0.20	5.33	3.42	1.04	0.16
60	0.04	1.97	0.29	0.19	5.26	3.37	1.04	0.17
65	0.03	1.60	0.21	0.17	5.11	3.25	1.02	0.17
70	0.04	1.24	0.15	0.15	4.91	3.10	1.01	0.18
75	0.03	0.89	0.08	0.12	4.58	2.84	0.95	0.18
80	0.03	0.61	0.05	0.09	4.17	2.52	0.88	0.19
85	0.02	0.37	0.02	0.06	3.65	2.14	0.74	0.19
90	0.02	0.21	0.02	0.04	3.14	1.77	0.57	0.19
95	0.01	0.11	0.01	0.02	2.68	1.44	0.41	0.19
100	0.01	0.06	0.01	0.01	2.38	1.22	0.28	0.19
	GAIN IN YEARS FOR THOSE WHO WOULD HAVE DIED FROM THE SPECIFIED CAUSE							
0	11.04	16.27	17.23	11.51	12.43	10.74	8.74	5.71
1	10.32	16.26	17.23	11.51	12.40	10.73	8.72	5.71
5	10.04	16.21	17.23	11.51	12.39	10.74	8.71	5.71
10	10.05	16.14	17.24	11.51	12.38	10.74	8.71	5.71
15	10.06	16.09	17.24	11.48	12.38	10.74	8.70	5.71
20	9.94	16.04	17.24	11.46	12.37	10.74	8.69	5.71
25	9.84	15.98	17.24	11.41	12.36	10.73	8.67	5.72
30	9.76	15.89	17.23	11.31	12.34	10.73	8.65	5.72
35	9.68	15.72	17.19	11.18	12.32	10.72	8.61	5.72
40	9.47	15.43	17.02	11.01	12.27	10.69	8.53	5.72
45	9.29	14.96	16.61	10.81	12.19	10.63	8.42	5.70
50	9.01	14.25	15.84	10.53	12.05	10.51	8.27	5.69
55	8.69	13.24	14.69	10.14	11.82	10.31	8.08	5.67
60	8.17	12.01	13.23	9.58	11.48	9.99	7.84	5.61
65	7.55	10.58	11.48	8.82	10.97	9.49	7.51	5.51
70	6.85	9.05	9.53	7.87	10.29	8.84	7.08	5.33
75	6.06	7.50	7.62	6.76	9.43	7.99	6.47	5.04
80	5.17	6.03	5.92	5.58	8.41	6.99	5.67	4.59
85	4.17	4.65	4.55	4.39	7.25	5.87	4.69	3.94
90	3.15	3.44	3.42	3.29	6.09	4.77	3.66	3.20
95	2.36	2.51	2.68	2.45	5.10	3.84	2.78	2.51
100	1.75	1.89	0.00	2.02	4.42	3.19	2.13	2.02

TABLE 24. GAIN IN EXPECTATION OF LIFE DUE TO ELIMINATION OF SPECIFIED CAUSES OF DEATH, BY EXACT AGE FOR WHITE FEMALES: UNITED STATES, 1979-81--CON.

(NUMBERS AFTER CAUSES OF DEATH ARE CATEGORY NUMBERS OF THE NINTH REVISION INTERNATIONAL CLASSIFICATION OF DISEASES, 1975)

EXACT AGE IN YEARS	PNEUMONIA AND INFLUENZA (480-487)	CHRONIC OBSTRUCTIVE PULMONARY DISEASES AND ALLIED CONDITIONS (490-496)	CHRONIC LIVER DISEASE AND CIRRHOSIS (571)	MOTOR VEHICLE ACCIDENTS (E810-E825)	ALL OTHER ACCIDENTS AND ADVERSE EFFECTS (E800-E807, E826-E949)	SUICIDE (E950-E959)	HOMICIDE AND LEGAL INTERVENTION (E960-E978)
	GAIN IN YEARS FOR ENTIRE COHORT						
0	0.27	0.23	0.18	0.37	0.28	0.17	0.09
1	0.26	0.23	0.18	0.37	0.27	0.17	0.09
5	0.25	0.23	0.18	0.35	0.24	0.17	0.09
10	0.26	0.24	0.18	0.33	0.23	0.17	0.09
15	0.25	0.23	0.17	0.31	0.21	0.16	0.08
20	0.25	0.23	0.18	0.24	0.20	0.16	0.07
25	0.25	0.24	0.18	0.18	0.19	0.14	0.06
30	0.24	0.23	0.17	0.14	0.17	0.12	0.04
35	0.24	0.23	0.17	0.12	0.16	0.10	0.03
40	0.24	0.24	0.17	0.10	0.15	0.09	0.03
45	0.24	0.23	0.15	0.08	0.14	0.07	0.02
50	0.24	0.23	0.13	0.07	0.13	0.05	0.02
55	0.23	0.22	0.10	0.05	0.12	0.03	0.01
60	0.23	0.20	0.08	0.04	0.11	0.02	0.01
65	0.23	0.17	0.05	0.03	0.10	0.01	0.00
70	0.24	0.14	0.04	0.03	0.10	0.01	0.01
75	0.23	0.09	0.01	0.01	0.08	0.00	0.00
80	0.23	0.06	0.01	0.01	0.08	0.00	0.00
85	0.21	0.04	0.00	0.00	0.06	0.00	0.00
90	0.19	0.02	0.00	0.00	0.05	0.00	0.00
95	0.17	0.02	0.00	0.00	0.04	0.00	0.00
100	0.16	0.01	0.00	0.00	0.03	0.00	0.00
	GAIN IN YEARS FOR THOSE WHO WOULD HAVE DIED FROM THE SPECIFIED CAUSE						
0	7.91	12.90	21.08	38.88	17.00	32.79	39.97
1	7.53	12.87	21.00	38.57	16.39	32.80	39.30
5	7.41	12.83	21.01	37.28	14.74	32.79	38.06
10	7.35	12.80	21.02	36.25	14.04	32.80	37.37
15	7.32	12.77	21.02	35.26	13.53	32.70	36.71
20	7.27	12.74	21.03	31.09	12.85	31.76	34.58
25	7.22	12.72	20.99	27.12	12.11	30.11	31.16
30	7.17	12.70	20.83	24.23	11.44	28.15	27.88
35	7.10	12.66	20.58	21.98	10.86	26.18	24.96
40	7.02	12.59	20.00	19.79	10.28	23.97	22.05
45	6.92	12.46	19.02	17.65	9.67	21.59	18.90
50	6.79	12.20	17.69	15.73	9.02	19.13	15.78
55	6.63	11.74	15.90	13.98	8.36	16.55	13.61
60	6.43	11.03	13.98	12.26	7.75	14.09	11.82
65	6.17	9.95	11.98	10.72	7.13	11.68	10.27
70	5.85	8.62	9.87	9.30	6.52	9.54	8.62
75	5.41	7.10	7.88	7.73	5.81	7.50	7.25
80	4.82	5.66	6.11	6.11	5.02	5.58	5.79
85	4.07	4.38	4.63	4.62	4.12	4.12	4.28
90	3.24	3.26	3.16	3.14	3.19	3.08	3.35
95	2.51	2.48	1.65	2.30	2.40	0.00	1.16
100	1.99	2.00	0.00	0.00	1.82	0.00	0.00

TABLE 25. GAIN IN EXPECTATION OF LIFE DUE TO ELIMINATION OF SPECIFIED CAUSES OF DEATH, BY EXACT AGE FOR MALES OTHER THAN WHITE: UNITED STATES, 1979-81

(NUMBERS AFTER CAUSES OF DEATH ARE CATEGORY NUMBERS OF THE NINTH REVISION INTERNATIONAL CLASSIFICATION OF DISEASES, 1975)

EXACT AGE IN YEARS	SEPTICEMIA (038)	MALIGNANT NEOPLASMS, INCLUDING NEOPLASMS OF LYMPHATIC AND HEMATOPOIETIC TISSUES (140-208)	MALIGNANT NEOPLASMS OF RESPIRATORY AND INTRATHORACIC ORGANS (160-165)	DIABETES MELLITUS (250)	DISEASES OF HEART (390-398, 402, 404-429)	ISCHEMIC HEART DISEASE (410-414)	CEREBRO-VASCULAR DISEASES (430-438)	ATHEROSCLE-ROSIS (440)
	GAIN IN YEARS FOR ENTIRE COHORT							
0	0.10	3.20	1.02	0.22	5.20	2.77	0.97	0.08
1	0.09	3.26	1.04	0.22	5.28	2.82	0.99	0.08
5	0.09	3.26	1.05	0.22	5.29	2.83	0.99	0.08
10	0.09	3.25	1.04	0.22	5.30	2.83	0.99	0.08
15	0.09	3.25	1.05	0.23	5.31	2.85	0.99	0.08
20	0.09	3.26	1.06	0.23	5.34	2.87	1.00	0.08
25	0.09	3.28	1.07	0.23	5.38	2.89	1.00	0.08
30	0.09	3.31	1.08	0.23	5.43	2.93	1.01	0.08
35	0.09	3.35	1.11	0.23	5.46	2.97	1.02	0.09
40	0.09	3.36	1.11	0.22	5.45	2.97	1.01	0.09
45	0.09	3.32	1.10	0.22	5.38	2.94	1.00	0.09
50	0.09	3.20	1.05	0.21	5.22	2.86	0.98	0.10
55	0.08	2.98	0.94	0.20	4.99	2.73	0.95	0.10
60	0.07	2.65	0.79	0.17	4.67	2.55	0.92	0.10
65	0.06	2.25	0.60	0.15	4.30	2.34	0.88	0.10
70	0.06	1.81	0.42	0.13	3.95	2.12	0.83	0.11
75	0.05	1.38	0.27	0.10	3.56	1.88	0.75	0.11
80	0.05	1.02	0.17	0.07	3.20	1.65	0.65	0.12
85	0.05	0.70	0.09	0.06	2.85	1.44	0.55	0.12
90	0.04	0.46	0.06	0.04	2.56	1.26	0.48	0.14
95	0.03	0.30	0.03	0.02	2.36	1.13	0.40	0.13
100	0.02	0.20	0.03	0.01	2.31	1.08	0.36	0.12
	GAIN IN YEARS FOR THOSE WHO WOULD HAVE DIED FROM THE SPECIFIED CAUSE							
0	13.27	14.97	14.73	13.24	15.69	13.44	11.66	7.47
1	12.20	14.96	14.73	13.24	15.63	13.43	11.60	7.47
5	11.85	14.92	14.73	13.21	15.60	13.43	11.59	7.47
10	11.78	14.88	14.73	13.22	15.59	13.43	11.58	7.48
15	11.72	14.84	14.73	13.19	15.58	13.43	11.57	7.48
20	11.66	14.78	14.72	13.17	15.56	13.43	11.55	7.48
25	11.55	14.72	14.71	13.07	15.51	13.42	11.51	7.48
30	11.42	14.65	14.70	12.93	15.43	13.38	11.44	7.48
35	11.16	14.56	14.67	12.70	15.30	13.30	11.31	7.48
40	10.80	14.38	14.54	12.36	15.06	13.11	11.07	7.46
45	10.41	14.02	14.18	11.85	14.65	12.77	10.74	7.39
50	9.90	13.40	13.51	11.24	14.04	12.22	10.27	7.29
55	9.25	12.49	12.53	10.49	13.24	11.48	9.70	7.10
60	8.44	11.35	11.29	9.53	12.25	10.57	9.04	6.82
65	7.58	10.04	9.85	8.55	11.16	9.56	8.28	6.43
70	6.72	8.64	8.32	7.46	10.05	8.52	7.43	5.97
75	5.77	7.24	6.86	6.36	8.90	7.43	6.48	5.35
80	4.92	5.99	5.58	5.21	7.82	6.40	5.52	4.71
85	4.20	4.80	4.42	4.28	6.80	5.44	4.59	4.02
90	3.43	3.81	3.49	3.38	5.93	4.61	3.81	3.41
95	3.03	3.15	2.83	2.76	5.35	4.05	3.25	2.93
100	3.02	2.78	2.57	1.64	5.06	3.75	2.94	2.59

TABLE 25. GAIN IN EXPECTATION OF LIFE DUE TO ELIMINATION OF SPECIFIED CAUSES OF DEATH, BY EXACT AGE FOR MALES OTHER THAN WHITE: UNITED STATES, 1979–81—CON.

(NUMBERS AFTER CAUSES OF DEATH ARE CATEGORY NUMBERS OF THE NINTH REVISION INTERNATIONAL CLASSIFICATION OF DISEASES, 1975)

EXACT AGE IN YEARS	PNEUMONIA AND INFLUENZA (480–487)	CHRONIC OBSTRUCTIVE PULMONARY DISEASES AND ALLIED CONDITIONS (490–496)	CHRONIC LIVER DISEASE AND CIRRHOSIS (571)	MOTOR VEHICLE ACCIDENTS (E810–E825)	ALL OTHER ACCIDENTS AND ADVERSE EFFECTS (E800–E807, E826–E949)	SUICIDE (E950–E959)	HOMICIDE AND LEGAL INTERVENTION (E960–E978)
	GAIN IN YEARS FOR ENTIRE COHORT						
0	0.38	0.25	0.45	0.68	0.88	0.24	1.28
1	0.34	0.25	0.45	0.69	0.87	0.24	1.30
5	0.34	0.25	0.45	0.66	0.80	0.24	1.29
10	0.33	0.25	0.45	0.63	0.75	0.24	1.28
15	0.34	0.25	0.46	0.61	0.71	0.24	1.28
20	0.34	0.25	0.46	0.54	0.65	0.23	1.17
25	0.33	0.25	0.46	0.43	0.58	0.18	0.94
30	0.33	0.25	0.45	0.34	0.51	0.13	0.70
35	0.33	0.26	0.43	0.28	0.45	0.10	0.51
40	0.32	0.25	0.37	0.22	0.38	0.07	0.36
45	0.30	0.26	0.31	0.17	0.32	0.06	0.25
50	0.29	0.26	0.24	0.14	0.27	0.05	0.17
55	0.27	0.25	0.16	0.10	0.22	0.03	0.11
60	0.26	0.24	0.10	0.07	0.18	0.02	0.06
65	0.24	0.21	0.06	0.05	0.14	0.01	0.04
70	0.23	0.19	0.04	0.04	0.12	0.01	0.02
75	0.23	0.14	0.01	0.02	0.11	0.01	0.01
80	0.22	0.11	0.01	0.01	0.09	0.00	0.01
85	0.22	0.08	0.01	0.01	0.08	0.01	0.01
90	0.19	0.06	0.01	0.01	0.08	0.01	0.01
95	0.18	0.05	0.00	0.01	0.07	0.00	0.01
100	0.19	0.03	0.01	0.01	0.08	0.00	0.02
	GAIN IN YEARS FOR THOSE WHO WOULD HAVE DIED FROM THE SPECIFIED CAUSE						
0	13.22	12.06	21.82	31.13	25.72	30.19	33.51
1	12.05	11.98	21.80	31.04	25.19	30.20	33.40
5	11.79	11.88	21.80	30.31	23.82	30.20	33.20
10	11.74	11.86	21.80	29.44	22.95	30.21	33.13
15	11.71	11.77	21.81	28.93	22.13	30.16	33.00
20	11.64	11.68	21.79	27.33	20.96	29.10	31.84
25	11.53	11.59	21.73	24.78	19.55	26.47	29.52
30	11.35	11.49	21.39	22.32	18.05	23.49	26.59
35	11.08	11.39	20.60	20.08	16.51	20.54	23.73
40	10.60	11.23	19.37	17.95	15.04	17.98	21.07
45	10.07	11.01	17.80	15.96	13.61	15.79	18.66
50	9.43	10.65	16.06	14.15	12.15	13.73	16.23
55	8.74	10.14	14.04	12.40	10.60	12.07	13.88
60	8.02	9.43	12.17	10.70	9.29	10.19	11.71
65	7.27	8.52	10.32	9.26	8.00	8.62	9.74
70	6.49	7.49	8.52	7.84	6.86	7.21	8.02
75	5.76	6.36	6.79	6.52	5.91	6.03	6.66
80	5.00	5.26	5.46	5.24	4.97	4.91	5.32
85	4.26	4.29	4.40	4.15	4.11	3.87	4.35
90	3.51	3.43	4.04	3.30	3.41	3.32	3.63
95	3.01	3.02	0.00	3.11	2.93	2.10	0.00
100	2.78	3.06	0.00	3.33	2.80	0.00	0.00

TABLE 26. GAIN IN EXPECTATION OF LIFE DUE TO ELIMINATION OF SPECIFIED CAUSES OF DEATH, BY EXACT AGE FOR FEMALES OTHER THAN WHITE: UNITED STATES, 1979-81

(NUMBERS AFTER CAUSES OF DEATH ARE CATEGORY NUMBERS OF THE NINTH REVISION INTERNATIONAL CLASSIFICATION OF DISEASES, 1975)

EXACT AGE IN YEARS	SEPTICEMIA (038)	MALIGNANT NEOPLASMS, INCLUDING NEOPLASMS OF LYMPHATIC AND HEMATOPOIETIC TISSUES (140-208)	MALIGNANT NEOPLASMS OF RESPIRATORY AND INTRATHORACIC ORGANS (160-165)	DIABETES MELLITUS (250)	DISEASES OF HEART (390-398, 402,404-429)	ISCHEMIC HEART DISEASE (410-414)	CEREBRO-VASCULAR DISEASES (430-438)	ATHEROSCLE-ROSIS (440)
	GAIN IN YEARS FOR ENTIRE COHORT							
0	0.12	2.91	0.39	0.46	6.03	3.02	1.49	0.14
1	0.11	2.96	0.39	0.46	6.11	3.07	1.51	0.14
5	0.11	2.96	0.40	0.47	6.12	3.08	1.52	0.15
10	0.11	2.95	0.39	0.47	6.12	3.08	1.52	0.14
15	0.11	2.94	0.39	0.46	6.12	3.08	1.52	0.14
20	0.11	2.94	0.40	0.47	6.14	3.10	1.52	0.15
25	0.11	2.93	0.40	0.47	6.14	3.10	1.52	0.14
30	0.11	2.92	0.40	0.46	6.15	3.12	1.52	0.14
35	0.10	2.89	0.40	0.46	6.15	3.13	1.51	0.15
40	0.11	2.83	0.40	0.46	6.15	3.14	1.50	0.15
45	0.10	2.70	0.38	0.45	6.11	3.14	1.48	0.15
50	0.10	2.52	0.35	0.45	6.04	3.12	1.46	0.16
55	0.09	2.25	0.29	0.42	5.92	3.07	1.42	0.16
60	0.09	1.92	0.23	0.39	5.75	2.98	1.38	0.16
65	0.09	1.58	0.17	0.34	5.49	2.83	1.35	0.17
70	0.08	1.27	0.12	0.29	5.17	2.65	1.28	0.18
75	0.07	0.96	0.08	0.22	4.78	2.42	1.17	0.18
80	0.07	0.71	0.06	0.17	4.36	2.17	1.05	0.19
85	0.06	0.49	0.03	0.12	3.90	1.90	0.90	0.18
90	0.04	0.31	0.02	0.08	3.50	1.67	0.75	0.18
95	0.03	0.20	0.01	0.06	3.20	1.48	0.62	0.18
100	0.03	0.10	0.01	0.04	2.98	1.35	0.53	0.18
	GAIN IN YEARS FOR THOSE WHO WOULD HAVE DIED FROM THE SPECIFIED CAUSE							
0	12.94	17.20	17.73	13.55	15.45	12.68	11.68	7.43
1	11.88	17.19	17.73	13.55	15.40	12.68	11.65	7.43
5	11.68	17.14	17.73	13.56	15.37	12.68	11.64	7.43
10	11.62	17.09	17.73	13.54	15.36	12.67	11.64	7.43
15	11.62	17.04	17.73	13.53	15.35	12.67	11.63	7.43
20	11.58	16.98	17.73	13.51	15.33	12.67	11.62	7.43
25	11.48	16.91	17.72	13.46	15.30	12.67	11.58	7.43
30	11.35	16.80	17.69	13.38	15.25	12.66	11.51	7.43
35	11.21	16.61	17.64	13.27	15.18	12.63	11.42	7.43
40	10.99	16.27	17.44	13.09	15.06	12.56	11.27	7.42
45	10.62	15.71	16.97	12.84	14.83	12.40	11.04	7.39
50	10.27	14.88	15.98	12.45	14.49	12.14	10.69	7.35
55	9.68	13.78	14.64	11.84	14.02	11.74	10.28	7.27
60	9.03	12.45	12.96	11.03	13.38	11.17	9.78	7.13
65	8.39	11.01	11.14	9.98	12.57	10.42	9.20	6.91
70	7.58	9.60	9.48	8.77	11.66	9.57	8.49	6.55
75	6.73	8.14	7.87	7.50	10.60	8.60	7.59	6.10
80	5.91	6.80	6.55	6.31	9.52	7.58	6.65	5.53
85	4.97	5.52	5.22	5.17	8.38	6.53	5.63	4.81
90	4.11	4.41	4.18	4.15	7.38	5.60	4.72	4.10
95	3.32	3.62	3.49	3.42	6.60	4.87	3.98	3.52
100	2.95	3.08	3.47	2.88	6.10	4.40	3.52	3.14

TABLE 26. GAIN IN EXPECTATION OF LIFE DUE TO ELIMINATION OF SPECIFIED CAUSES OF DEATH, BY EXACT AGE FOR FEMALES OTHER THAN WHITE: UNITED STATES, 1979-81--CON.

(NUMBERS AFTER CAUSES OF DEATH ARE CATEGORY NUMBERS OF THE NINTH REVISION INTERNATIONAL CLASSIFICATION OF DISEASES, 1975)

EXACT AGE IN YEARS	PNEUMONIA AND INFLUENZA (480-487)	CHRONIC OBSTRUCTIVE PULMONARY DISEASES AND ALLIED CONDITIONS (490-496)	CHRONIC LIVER DISEASE AND CIRRHOSIS (571)	MOTOR VEHICLE ACCIDENTS (E810-E825)	ALL OTHER ACCIDENTS AND ADVERSE EFFECTS (E800-E807, E826-E949)	SUICIDE (E950-E959)	HOMICIDE AND LEGAL INTERVENTION (E960-E978)
	GAIN IN YEARS FOR ENTIRE COHORT						
0	0.30	0.13	0.29	0.26	0.41	0.08	0.33
1	0.27	0.13	0.29	0.26	0.38	0.07	0.32
5	0.27	0.13	0.30	0.24	0.33	0.08	0.31
10	0.26	0.13	0.30	0.21	0.30	0.08	0.30
15	0.26	0.12	0.29	0.20	0.28	0.07	0.30
20	0.26	0.13	0.30	0.18	0.27	0.08	0.27
25	0.26	0.12	0.30	0.14	0.25	0.06	0.21
30	0.25	0.12	0.28	0.11	0.23	0.05	0.15
35	0.25	0.12	0.26	0.09	0.21	0.03	0.11
40	0.24	0.12	0.23	0.08	0.20	0.03	0.08
45	0.23	0.11	0.19	0.06	0.18	0.02	0.06
50	0.23	0.11	0.15	0.05	0.17	0.02	0.05
55	0.22	0.10	0.11	0.04	0.15	0.01	0.03
60	0.21	0.09	0.07	0.03	0.14	0.01	0.02
65	0.21	0.08	0.05	0.03	0.13	0.01	0.02
70	0.21	0.06	0.03	0.02	0.12	0.01	0.02
75	0.20	0.04	0.01	0.01	0.11	0.00	0.01
80	0.20	0.04	0.01	0.01	0.10	0.01	0.01
85	0.18	0.02	0.00	0.00	0.09	0.00	0.00
90	0.16	0.01	0.00	0.00	0.07	0.00	0.00
95	0.15	0.01	0.00	0.00	0.05	0.00	0.00
100	0.13	0.01	0.00	0.00	0.05	0.00	0.00
	GAIN IN YEARS FOR THOSE WHO WOULD HAVE DIED FROM THE SPECIFIED CAUSE						
0	12.24	16.12	25.81	36.77	21.48	34.03	39.40
1	11.03	15.97	25.78	36.57	20.38	34.03	38.98
5	10.74	15.83	25.79	34.69	18.14	34.04	38.05
10	10.67	15.70	25.79	32.86	17.03	34.05	37.68
15	10.60	15.59	25.76	31.82	16.33	33.93	37.31
20	10.52	15.43	25.72	29.52	15.69	32.72	35.67
25	10.39	15.29	25.63	27.03	14.97	30.64	32.58
30	10.21	15.04	25.15	24.52	14.12	28.17	29.30
35	10.00	14.78	24.28	22.27	13.26	25.11	26.13
40	9.73	14.36	22.86	20.32	12.44	22.51	22.88
45	9.35	13.94	21.22	18.16	11.61	19.61	20.38
50	8.98	13.34	19.25	16.45	10.78	17.28	17.55
55	8.58	12.50	17.08	14.44	9.97	15.16	15.44
60	8.06	11.42	14.81	12.63	9.20	12.91	13.51
65	7.59	10.11	12.73	10.87	8.40	11.08	11.40
70	7.04	8.79	10.57	9.56	7.61	9.22	9.63
75	6.41	7.51	8.68	8.19	6.75	7.66	8.12
80	5.70	6.30	6.95	6.85	5.86	5.89	6.96
85	4.92	5.22	5.61	5.44	4.98	3.88	5.62
90	4.12	4.18	4.26	4.31	4.11	2.10	4.89
95	3.51	3.61	0.00	3.53	3.40	0.00	0.00
100	3.08	3.37	0.00	2.90	2.98	0.00	0.00

TABLE 27. GAIN IN EXPECTATION OF LIFE DUE TO ELIMINATION OF SPECIFIED CAUSES OF DEATH, BY EXACT AGE FOR BLACK MALES: UNITED STATES, 1979-81

(NUMBERS AFTER CAUSES OF DEATH ARE CATEGORY NUMBERS OF THE NINTH REVISION INTERNATIONAL CLASSIFICATION OF DISEASES, 1975)

EXACT AGE IN YEARS	SEPTICEMIA (038)	MALIGNANT NEOPLASMS, INCLUDING NEOPLASMS OF LYMPHATIC AND HEMATOPOIETIC TISSUES (140-208)	MALIGNANT NEOPLASMS OF RESPIRATORY AND INTRATHORACIC ORGANS (160-165)	DIABETES MELLITUS (250)	DISEASES OF HEART (390-398, 402,404-429)	ISCHEMIC HEART DISEASE (410-414)	CEREBRO-VASCULAR DISEASES (430-438)	ATHEROSCLE-ROSIS (440)
	GAIN IN YEARS FOR ENTIRE COHORT							
0	0.10	3.22	1.04	0.22	5.18	2.69	0.97	0.07
1	0.10	3.29	1.07	0.22	5.28	2.75	0.99	0.08
5	0.10	3.30	1.08	0.23	5.29	2.76	0.99	0.08
10	0.09	3.29	1.07	0.22	5.30	2.77	0.99	0.07
15	0.09	3.28	1.07	0.22	5.30	2.77	0.99	0.07
20	0.10	3.29	1.09	0.23	5.33	2.80	1.00	0.08
25	0.09	3.31	1.10	0.22	5.38	2.83	1.00	0.08
30	0.09	3.35	1.12	0.22	5.43	2.87	1.01	0.08
35	0.09	3.39	1.14	0.22	5.47	2.90	1.02	0.08
40	0.09	3.41	1.15	0.21	5.46	2.91	1.00	0.08
45	0.09	3.38	1.14	0.21	5.39	2.88	0.99	0.09
50	0.08	3.25	1.07	0.20	5.22	2.79	0.96	0.09
55	0.08	3.02	0.96	0.18	4.98	2.67	0.94	0.09
60	0.08	2.69	0.81	0.17	4.66	2.49	0.91	0.10
65	0.07	2.29	0.62	0.15	4.30	2.29	0.88	0.11
70	0.06	1.83	0.42	0.12	3.93	2.07	0.83	0.10
75	0.06	1.40	0.27	0.10	3.56	1.84	0.75	0.11
80	0.05	1.04	0.16	0.07	3.22	1.63	0.65	0.12
85	0.05	0.71	0.09	0.06	2.88	1.42	0.55	0.13
90	0.04	0.47	0.05	0.04	2.60	1.25	0.48	0.13
95	0.03	0.31	0.03	0.02	2.43	1.16	0.41	0.14
100	0.03	0.21	0.03	0.02	2.31	1.09	0.39	0.14
	GAIN IN YEARS FOR THOSE WHO WOULD HAVE DIED FROM THE SPECIFIED CAUSE							
0	13.36	14.99	14.62	13.36	15.90	13.54	11.87	7.60
1	12.26	14.98	14.62	13.36	15.84	13.54	11.80	7.60
5	11.92	14.94	14.62	13.33	15.81	13.53	11.79	7.60
10	11.86	14.90	14.62	13.29	15.80	13.53	11.78	7.60
15	11.80	14.86	14.62	13.27	15.79	13.53	11.77	7.60
20	11.74	14.80	14.62	13.22	15.76	13.53	11.75	7.60
25	11.64	14.74	14.61	13.13	15.71	13.52	11.70	7.60
30	11.51	14.67	14.60	12.97	15.63	13.48	11.61	7.60
35	11.20	14.58	14.56	12.71	15.48	13.39	11.46	7.61
40	10.80	14.38	14.42	12.31	15.21	13.18	11.19	7.58
45	10.38	14.00	14.04	11.78	14.76	12.80	10.81	7.52
50	9.85	13.35	13.34	11.13	14.11	12.21	10.30	7.40
55	9.16	12.42	12.35	10.38	13.27	11.44	9.69	7.17
60	8.32	11.26	11.10	9.41	12.25	10.51	9.01	6.88
65	7.48	9.95	9.68	8.42	11.14	9.49	8.23	6.45
70	6.59	8.57	8.19	7.33	10.03	8.44	7.39	5.97
75	5.68	7.19	6.76	6.27	8.89	7.36	6.44	5.34
80	4.85	5.95	5.50	5.15	7.83	6.36	5.49	4.70
85	4.15	4.80	4.39	4.25	6.83	5.42	4.58	4.04
90	3.38	3.82	3.49	3.40	5.97	4.61	3.82	3.41
95	2.88	3.16	3.02	2.80	5.39	4.07	3.26	2.96
100	3.29	2.80	2.77	2.76	5.06	3.76	2.98	2.66

TABLE 27. GAIN IN EXPECTATION OF LIFE DUE TO ELIMINATION OF SPECIFIED CAUSES OF DEATH, BY EXACT AGE FOR BLACK MALES: UNITED STATES, 1979-81--CON.

(NUMBERS AFTER CAUSES OF DEATH ARE CATEGORY NUMBERS OF THE NINTH REVISION INTERNATIONAL CLASSIFICATION OF DISEASES, 1975)

EXACT AGE IN YEARS	PNEUMONIA AND INFLUENZA (480-487)	CHRONIC OBSTRUCTIVE PULMONARY DISEASES AND ALLIED CONDITIONS (490-496)	CHRONIC LIVER DISEASE AND CIRRHOSIS (571)	MOTOR VEHICLE ACCIDENTS (E810-E825)	ALL OTHER ACCIDENTS AND ADVERSE EFFECTS (E800-E807, E826-E949)	SUICIDE (E950-E959)	HOMICIDE AND LEGAL INTERVENTION (E960-E978)
	GAIN IN YEARS FOR ENTIRE COHORT						
0	0.38	0.25	0.46	0.65	0.90	0.22	1.44
1	0.34	0.25	0.47	0.67	0.89	0.23	1.47
5	0.34	0.25	0.47	0.64	0.82	0.23	1.46
10	0.33	0.25	0.47	0.60	0.77	0.23	1.45
15	0.33	0.24	0.47	0.58	0.72	0.22	1.44
20	0.34	0.25	0.48	0.53	0.67	0.22	1.33
25	0.33	0.24	0.48	0.42	0.60	0.17	1.07
30	0.33	0.25	0.47	0.34	0.53	0.13	0.80
35	0.33	0.25	0.44	0.27	0.45	0.09	0.57
40	0.31	0.25	0.38	0.21	0.38	0.07	0.39
45	0.30	0.25	0.31	0.17	0.33	0.05	0.27
50	0.27	0.25	0.23	0.12	0.26	0.03	0.17
55	0.25	0.24	0.16	0.09	0.21	0.03	0.11
60	0.24	0.23	0.10	0.07	0.18	0.02	0.07
65	0.23	0.21	0.07	0.06	0.15	0.02	0.04
70	0.21	0.18	0.03	0.03	0.12	0.01	0.02
75	0.21	0.14	0.02	0.02	0.11	0.01	0.01
80	0.20	0.10	0.01	0.01	0.09	0.00	0.01
85	0.20	0.07	0.01	0.01	0.08	0.00	0.01
90	0.17	0.05	0.01	0.01	0.08	0.01	0.01
95	0.15	0.04	0.00	0.00	0.06	0.00	0.00
100	0.17	0.02	0.01	0.01	0.07	0.00	0.00
	GAIN IN YEARS FOR THOSE WHO WOULD HAVE DIED FROM THE SPECIFIED CAUSE						
0	13.96	12.29	21.48	30.26	25.76	29.60	32.81
1	12.65	12.18	21.46	30.19	25.20	29.60	32.70
5	12.37	12.08	21.47	29.47	23.85	29.60	32.49
10	12.32	12.03	21.47	28.54	22.94	29.61	32.43
15	12.28	11.95	21.47	28.04	22.12	29.55	32.31
20	12.22	11.85	21.46	26.66	21.00	28.73	31.21
25	12.11	11.77	21.41	24.36	19.68	26.35	29.00
30	11.91	11.66	21.06	22.04	18.21	23.45	26.18
35	11.59	11.54	20.28	19.79	16.66	20.45	23.32
40	11.03	11.36	19.02	17.68	15.14	17.99	20.66
45	10.41	11.11	17.45	15.76	13.67	15.78	18.24
50	9.67	10.71	15.74	13.96	12.15	13.75	15.85
55	8.91	10.16	13.76	12.21	10.58	12.08	13.56
60	8.11	9.42	11.91	10.51	9.25	10.35	11.41
65	7.31	8.49	10.17	9.12	7.97	8.84	9.49
70	6.49	7.47	8.51	7.80	6.84	7.32	7.76
75	5.74	6.35	6.86	6.47	5.89	6.11	6.40
80	4.98	5.26	5.50	5.27	4.97	5.11	5.07
85	4.26	4.30	4.57	4.28	4.13	4.29	3.82
90	3.47	3.45	3.84	3.39	3.50	3.84	2.53
95	2.97	3.04	2.44	2.88	3.04	3.66	1.95
100	2.70	3.00	0.00	0.00	3.03	0.00	0.18

TABLE 28. GAIN IN EXPECTATION OF LIFE DUE TO ELIMINATION OF SPECIFIED CAUSES OF DEATH, BY EXACT AGE FOR BLACK FEMALES: UNITED STATES, 1979–81

(NUMBERS AFTER CAUSES OF DEATH ARE CATEGORY NUMBERS OF THE NINTH REVISION INTERNATIONAL CLASSIFICATION OF DISEASES, 1975)

EXACT AGE IN YEARS	SEPTICEMIA (038)	MALIGNANT NEOPLASMS, INCLUDING NEOPLASMS OF LYMPHATIC AND HEMATOPOIETIC TISSUES (140–208)	MALIGNANT NEOPLASMS OF RESPIRATORY AND INTRATHORACIC ORGANS (160–165)	DIABETES MELLITUS (250)	DISEASES OF HEART (390–398, 402,404–429)	ISCHEMIC HEART DISEASE (410–414)	CEREBRO-VASCULAR DISEASES (430–438)	ATHEROSCLE-ROSIS (440)
	GAIN IN YEARS FOR ENTIRE COHORT							
0	0.13	2.97	0.40	0.47	6.15	3.03	1.50	0.14
1	0.12	3.02	0.41	0.47	6.25	3.09	1.52	0.14
5	0.12	3.03	0.41	0.48	6.26	3.11	1.53	0.15
10	0.12	3.02	0.41	0.48	6.27	3.11	1.53	0.15
15	0.12	3.01	0.41	0.48	6.27	3.12	1.53	0.15
20	0.12	3.01	0.41	0.48	6.27	3.12	1.53	0.15
25	0.12	3.00	0.42	0.48	6.28	3.13	1.53	0.15
30	0.11	2.99	0.42	0.48	6.29	3.15	1.53	0.15
35	0.12	2.96	0.42	0.48	6.30	3.17	1.53	0.15
40	0.11	2.89	0.41	0.47	6.29	3.18	1.51	0.15
45	0.11	2.77	0.40	0.46	6.25	3.17	1.49	0.15
50	0.11	2.56	0.36	0.45	6.17	3.15	1.46	0.16
55	0.09	2.27	0.29	0.42	6.03	3.08	1.42	0.15
60	0.09	1.94	0.23	0.39	5.85	2.99	1.39	0.17
65	0.09	1.59	0.16	0.35	5.57	2.83	1.35	0.17
70	0.08	1.26	0.12	0.28	5.24	2.64	1.28	0.17
75	0.08	0.96	0.08	0.23	4.86	2.42	1.17	0.18
80	0.06	0.70	0.05	0.17	4.42	2.16	1.04	0.18
85	0.06	0.49	0.04	0.13	3.98	1.90	0.90	0.19
90	0.05	0.31	0.02	0.09	3.58	1.68	0.75	0.18
95	0.03	0.20	0.01	0.06	3.28	1.49	0.62	0.18
100	0.03	0.10	0.01	0.05	3.11	1.38	0.53	0.18
	GAIN IN YEARS FOR THOSE WHO WOULD HAVE DIED FROM THE SPECIFIED CAUSE							
0	13.26	17.30	17.89	13.67	15.80	12.91	11.91	7.52
1	12.18	17.29	17.89	13.67	15.74	12.90	11.87	7.52
5	11.92	17.23	17.90	13.67	15.72	12.90	11.86	7.52
10	11.86	17.18	17.90	13.66	15.71	12.90	11.86	7.52
15	11.86	17.13	17.90	13.63	15.70	12.90	11.85	7.52
20	11.76	17.08	17.90	13.60	15.68	12.90	11.83	7.53
25	11.67	17.01	17.88	13.55	15.65	12.89	11.79	7.53
30	11.55	16.89	17.86	13.46	15.59	12.88	11.72	7.53
35	11.38	16.69	17.80	13.34	15.51	12.84	11.61	7.53
40	11.13	16.34	17.58	13.12	15.37	12.77	11.44	7.51
45	10.73	15.76	17.09	12.85	15.12	12.59	11.18	7.48
50	10.37	14.89	16.04	12.44	14.74	12.29	10.81	7.45
55	9.73	13.76	14.64	11.79	14.22	11.85	10.37	7.35
60	9.07	12.40	12.89	10.96	13.54	11.24	9.84	7.21
65	8.39	10.94	11.04	9.90	12.69	10.46	9.24	6.97
70	7.57	9.53	9.38	8.70	11.76	9.58	8.51	6.59
75	6.72	8.07	7.76	7.44	10.70	8.60	7.59	6.12
80	5.90	6.77	6.45	6.27	9.61	7.59	6.65	5.53
85	4.95	5.51	5.23	5.16	8.48	6.54	5.63	4.81
90	4.11	4.40	4.15	4.16	7.47	5.61	4.71	4.11
95	3.35	3.60	3.31	3.46	6.71	4.89	3.99	3.53
100	2.98	3.06	3.14	3.08	6.22	4.44	3.52	3.15

TABLE 28. GAIN IN EXPECTATION OF LIFE DUE TO ELIMINATION OF SPECIFIED CAUSES OF DEATH, BY EXACT AGE FOR BLACK FEMALES: UNITED STATES, 1979-81—CON.

(NUMBERS AFTER CAUSES OF DEATH ARE CATEGORY NUMBERS OF THE NINTH REVISION INTERNATIONAL CLASSIFICATION OF DISEASES, 1975)

EXACT AGE IN YEARS	PNEUMONIA AND INFLUENZA (480-487)	CHRONIC OBSTRUCTIVE PULMONARY DISEASES AND ALLIED CONDITIONS (490-496)	CHRONIC LIVER DISEASE AND CIRRHOSIS (571)	MOTOR VEHICLE ACCIDENTS (E810-E825)	ALL OTHER ACCIDENTS AND ADVERSE EFFECTS (E800-E807, E826-E949)	SUICIDE (E950-E959)	HOMICIDE AND LEGAL INTERVENTION (E960-E978)
	GAIN IN YEARS FOR ENTIRE COHORT						
0	0.30	0.13	0.30	0.23	0.42	0.06	0.36
1	0.27	0.13	0.30	0.23	0.40	0.06	0.36
5	0.26	0.14	0.31	0.21	0.34	0.07	0.35
10	0.26	0.14	0.31	0.19	0.32	0.07	0.34
15	0.26	0.13	0.31	0.18	0.30	0.07	0.34
20	0.26	0.13	0.31	0.15	0.28	0.06	0.30
25	0.25	0.13	0.31	0.13	0.27	0.05	0.24
30	0.25	0.13	0.30	0.10	0.24	0.04	0.18
35	0.25	0.13	0.28	0.09	0.23	0.04	0.13
40	0.24	0.12	0.24	0.07	0.20	0.02	0.09
45	0.23	0.12	0.20	0.06	0.19	0.02	0.07
50	0.22	0.11	0.15	0.05	0.17	0.02	0.05
55	0.21	0.09	0.10	0.03	0.15	0.00	0.03
60	0.20	0.09	0.07	0.03	0.14	0.01	0.03
65	0.20	0.07	0.05	0.02	0.13	0.01	0.02
70	0.19	0.05	0.02	0.02	0.12	0.00	0.01
75	0.19	0.04	0.02	0.01	0.11	0.01	0.01
80	0.18	0.03	0.00	0.00	0.09	0.00	0.00
85	0.17	0.02	0.01	0.01	0.09	0.00	0.01
90	0.15	0.01	0.00	0.00	0.07	0.00	0.00
95	0.14	0.01	0.00	0.00	0.05	0.00	0.00
100	0.12	0.01	0.00	0.00	0.04	0.00	0.00
	GAIN IN YEARS FOR THOSE WHO WOULD HAVE DIED FROM THE SPECIFIED CAUSE						
0	13.00	16.82	25.68	36.30	22.16	34.79	39.07
1	11.61	16.68	25.65	36.08	20.99	34.80	38.68
5	11.28	16.54	25.60	33.93	18.66	34.80	37.73
10	11.21	16.41	25.61	31.87	17.50	34.81	37.38
15	11.14	16.23	25.57	30.85	16.79	34.64	37.02
20	11.06	16.01	25.54	28.77	16.15	33.32	35.46
25	10.90	15.82	25.45	26.44	15.40	31.34	32.51
30	10.67	15.52	24.95	23.95	14.52	28.75	29.26
35	10.42	15.23	24.08	21.71	13.57	25.75	25.98
40	10.11	14.75	22.63	19.94	12.68	23.24	22.69
45	9.66	14.28	20.99	17.96	11.79	20.30	20.18
50	9.22	13.62	19.01	16.41	10.90	18.03	17.25
55	8.77	12.67	16.87	14.52	10.08	16.19	15.16
60	8.20	11.50	14.61	12.69	9.25	14.11	13.32
65	7.67	10.14	12.56	10.96	8.40	11.93	11.16
70	7.09	8.78	10.43	9.63	7.62	10.56	9.47
75	6.43	7.49	8.61	8.17	6.74	8.17	8.02
80	5.70	6.26	6.94	6.72	5.85	7.12	6.80
85	4.91	5.11	5.80	5.23	4.95	6.50	5.43
90	4.11	4.09	4.67	3.48	4.09	0.00	4.98
95	3.50	3.25	2.63	3.41	3.40	0.00	0.00
100	3.08	2.73	0.00	3.07	2.95	0.00	0.00

TABLE 29. STANDARD ERRORS OF THE PROBABILITY OF DYING AND OF THE AVERAGE REMAINING LIFETIME FOR ALL CAUSES OF DEATH COMBINED AND ELIMINATING SPECIFIED CAUSES, BY AGE FOR THE TOTAL POPULATION: UNITED STATES, 1979-81

(NUMBERS AFTER CAUSES OF DEATH ARE CATEGORY NUMBERS OF THE NINTH REVISION INTERNATIONAL CLASSIFICATION OF DISEASES, 1975. STANDARD ERRORS CORRESPOND TO DATA SHOWN IN TABLE 1)

PERIOD OF LIFE BETWEEN TWO EXACT AGES AND EXACT AGE STATED IN YEARS	ELIMINATING NO CAUSE	SEPTICEMIA (038)	MALIGNANT NEOPLASMS, INCLUDING NEOPLASMS OF LYMPHATIC AND HEMATOPOIETIC TISSUES (140-208)	MALIGNANT NEOPLASMS OF RESPIRATORY AND INTRATHORACIC ORGANS (160-165)	DIABETES MELLITUS (250)	DISEASES OF HEART (390-398, 402,404-429)	ISCHEMIC HEART DISEASE (410-414)	CEREBRO-VASCULAR DISEASES (430-438)
AGE INTERVAL	STANDARD ERRORS OF THE PROBABILITY OF DYING							
0	.000034	.000034	.000034	.000034	.000034	.000034	.000034	.000034
1	.000016	.000016	.000015	.000016	.000016	.000016	.000016	.000016
5	.000012	.000012	.000011	.000012	.000012	.000012	.000012	.000012
10	.000012	.000012	.000011	.000012	.000012	.000012	.000012	.000012
15	.000019	.000019	.000018	.000019	.000019	.000019	.000019	.000019
20	.000022	.000022	.000022	.000022	.000022	.000022	.000022	.000022
25	.000024	.000023	.000023	.000023	.000023	.000023	.000023	.000023
30	.000026	.000026	.000024	.000025	.000025	.000025	.000025	.000025
35	.000033	.000033	.000030	.000033	.000033	.000031	.000032	.000033
40	.000044	.000044	.000039	.000043	.000044	.000039	.000041	.000043
45	.000057	.000057	.000048	.000054	.000056	.000048	.000051	.000056
50	.000068	.000068	.000057	.000065	.000068	.000057	.000060	.000067
55	.000083	.000083	.000069	.000079	.000083	.000068	.000072	.000082
60	.000108	.000108	.000091	.000103	.000107	.000088	.000093	.000105
65	.000135	.000135	.000118	.000130	.000134	.000110	.000117	.000132
70	.000178	.000177	.000161	.000174	.000177	.000147	.000156	.000173
75	.000237	.000237	.000223	.000234	.000236	.000200	.000212	.000231
80	.000328	.000328	.000322	.000327	.000327	.000294	.000308	.000323
85	.000451	.000452	.000458	.000452	.000452	.000448	.000459	.000459
90	.000674	.000676	.000701	.000677	.000678	.000782	.000770	.000720
95	.001165	.001170	.001226	.001170	.001175	.001660	.001544	.001317
100	.000000	.000000	.000000	.000000	.000000	.000000	.000000	.000000
EXACT AGE	STANDARD ERRORS OF THE AVERAGE REMAINING LIFETIME WHEN SPECIFIED CAUSE ELIMINATED							
0	0.006	0.006	0.006	0.006	0.006	0.009	0.007	0.006
1	0.006	0.006	0.006	0.006	0.006	0.009	0.007	0.006
5	0.006	0.006	0.006	0.006	0.006	0.009	0.007	0.006
10	0.006	0.006	0.006	0.006	0.006	0.009	0.007	0.006
15	0.006	0.006	0.006	0.006	0.006	0.009	0.007	0.006
20	0.005	0.005	0.006	0.005	0.005	0.009	0.007	0.006
25	0.005	0.005	0.006	0.005	0.005	0.009	0.007	0.006
30	0.005	0.005	0.005	0.005	0.005	0.009	0.006	0.006
35	0.005	0.005	0.005	0.005	0.005	0.009	0.006	0.005
40	0.005	0.005	0.005	0.005	0.005	0.009	0.006	0.005
45	0.005	0.005	0.005	0.005	0.005	0.009	0.006	0.005
50	0.005	0.005	0.005	0.005	0.005	0.009	0.006	0.005
55	0.004	0.004	0.005	0.005	0.005	0.009	0.006	0.005
60	0.004	0.004	0.005	0.004	0.004	0.009	0.006	0.005
65	0.004	0.004	0.004	0.004	0.004	0.009	0.006	0.004
70	0.004	0.004	0.004	0.004	0.004	0.009	0.006	0.004
75	0.004	0.004	0.004	0.004	0.004	0.010	0.006	0.004
80	0.004	0.004	0.004	0.004	0.004	0.011	0.006	0.004
85	0.004	0.004	0.004	0.004	0.004	0.013	0.007	0.005
90	0.004	0.004	0.005	0.004	0.004	0.018	0.009	0.005
95	0.006	0.006	0.007	0.006	0.006	0.028	0.015	0.008
100	0.012	0.012	0.013	0.012	0.012	0.053	0.030	0.016

TABLE 29. STANDARD ERRORS OF THE PROBABILITY OF DYING AND OF THE AVERAGE REMAINING LIFETIME FOR ALL CAUSES OF DEATH COMBINED AND ELIMINATING SPECIFIED CAUSES, BY AGE FOR THE TOTAL POPULATION: UNITED STATES, 1979-81--CON.

(NUMBERS AFTER CAUSES OF DEATH ARE CATEGORY NUMBERS OF THE NINTH REVISION INTERNATIONAL CLASSIFICATION OF DISEASES, 1975. STANDARD ERRORS CORRESPOND TO DATA SHOWN IN TABLE 1)

PERIOD OF LIFE BETWEEN TWO EXACT AGES AND EXACT AGE STATED IN YEARS	ATHEROSCLEROSIS (440)	PNEUMONIA AND INFLUENZA (480-487)	CHRONIC OBSTRUCTIVE PULMONARY DISEASES AND ALLIED CONDITIONS (490-496)	CHRONIC LIVER DISEASE AND CIRRHOSIS (571)	MOTOR VEHICLE ACCIDENTS (E810-E825)	ALL OTHER ACCIDENTS AND ADVERSE EFFECTS (E800-E807, E826-E949)	SUICIDE (E950-E959)	HOMICIDE AND LEGAL INTERVENTION (E960-E978)
AGE INTERVAL	STANDARD ERRORS OF THE PROBABILITY OF DYING							
0	.000034	.000034	.000034	.000034	.000034	.000034	.000034	.000034
1	.000016	.000016	.000016	.000016	.000015	.000014	.000016	.000016
5	.000012	.000012	.000012	.000012	.000011	.000011	.000012	.000012
10	.000012	.000012	.000012	.000012	.000010	.000010	.000012	.000012
15	.000019	.000019	.000019	.000019	.000014	.000017	.000018	.000018
20	.000022	.000022	.000022	.000022	.000018	.000021	.000021	.000021
25	.000024	.000023	.000023	.000023	.000020	.000022	.000022	.000022
30	.000026	.000025	.000026	.000025	.000023	.000024	.000024	.000024
35	.000033	.000033	.000033	.000032	.000031	.000032	.000032	.000032
40	.000044	.000044	.000044	.000043	.000043	.000043	.000043	.000043
45	.000057	.000056	.000056	.000055	.000056	.000056	.000056	.000056
50	.000068	.000068	.000068	.000067	.000068	.000067	.000068	.000068
55	.000083	.000083	.000082	.000082	.000083	.000083	.000083	.000083
60	.000108	.000107	.000106	.000107	.000107	.000107	.000107	.000108
65	.000135	.000134	.000133	.000134	.000135	.000135	.000135	.000135
70	.000177	.000177	.000175	.000177	.000177	.000177	.000177	.000178
75	.000236	.000236	.000235	.000237	.000237	.000236	.000237	.000237
80	.000327	.000327	.000327	.000328	.000328	.000327	.000328	.000328
85	.000453	.000454	.000453	.000451	.000451	.000452	.000451	.000451
90	.000690	.000693	.000679	.000675	.000675	.00068C	.000675	.000674
95	.001232	.001235	.001176	.001166	.001166	.001184	.001166	.001166
100	.000000	.000000	.000000	.000000	.000000	.000000	.000090	.000000
EXACT AGE	STANDARD ERRORS OF THE AVERAGE REMAINING LIFETIME WHEN SPECIFIED CAUSE ELIMINATED							
0	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.006
1	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.006
5	0.006	0.006	0.006	0.006	0.005	0.006	0.006	0.006
10	0.006	0.006	0.006	0.006	0.005	0.006	0.006	0.006
15	0.006	0.006	0.006	0.006	0.005	0.006	0.005	0.005
20	0.006	0.006	0.006	0.005	0.005	0.005	0.005	0.005
25	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005
30	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005
35	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005
40	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005
45	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005
50	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005
55	0.005	0.005	0.005	0.004	0.004	0.005	0.004	0.004
60	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004
65	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004
70	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004
75	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004
80	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004
85	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004
90	0.005	0.005	0.004	0.004	0.004	0.004	0.004	0.004
95	0.007	0.007	0.006	0.006	0.006	0.006	0.006	0.006
100	0.014	0.014	0.012	0.012	0.012	0.013	0.012	0.012

TABLE 30. STANDARD ERRORS OF THE PROBABILITY OF DYING AND OF THE AVERAGE REMAINING LIFETIME FOR ALL CAUSES OF DEATH COMBINED AND ELIMINATING SPECIFIED CAUSES, BY AGE FOR WHITE MALES: UNITED STATES, 1979-81

(NUMBERS AFTER CAUSES OF DEATH ARE CATEGORY NUMBERS OF THE NINTH REVISION INTERNATIONAL CLASSIFICATION OF DISEASES, 1975. STANDARD ERRORS CORRESPOND TO DATA SHOWN IN TABLE 2)

PERIOD OF LIFE BETWEEN TWO EXACT AGES AND EXACT AGE STATED IN YEARS	ELIMINATING NO CAUSE	SEPTICEMIA (038)	MALIGNANT NEOPLASMS, INCLUDING NEOPLASMS OF LYMPHATIC AND HEMATOPOIETIC TISSUES (140-208)	MALIGNANT NEOPLASMS OF RESPIRATORY AND INTRATHORACIC ORGANS (160-165)	DIABETES MELLITUS (250)	DISEASES OF HEART (390-398, 402,404-429)	ISCHEMIC HEART DISEASE (410-414)	CEREBRO-VASCULAR DISEASES (430-438)
AGE INTERVAL	STANDARD ERRORS OF THE PROBABILITY OF DYING							
0	.000053	.000052	.000052	.000053	.000053	.000052	.000053	.000052
1	.000025	.000025	.000024	.000025	.000025	.000024	.000025	.000025
5	.000020	.000020	.000018	.000020	.000020	.000020	.000020	.000020
10	.000020	.000020	.000018	.000020	.000020	.000019	.000020	.000020
15	.000034	.000034	.000033	.000034	.000034	.000034	.000034	.000034
20	.000041	.000041	.000040	.000041	.000041	.000041	.000041	.000041
25	.000041	.000041	.000040	.000041	.000041	.000041	.000041	.000041
30	.000043	.000043	.000041	.000043	.000043	.000041	.000042	.000043
35	.000054	.000054	.000050	.000053	.000053	.000049	.000050	.000053
40	.000072	.000072	.000066	.000070	.000072	.000061	.000064	.000071
45	.000093	.000093	.000083	.000089	.000093	.000075	.000079	.000092
50	.000115	.000114	.000099	.000108	.000114	.000090	.000096	.000113
55	.000142	.000142	.000122	.000134	.000141	.000111	.000118	.000140
60	.000186	.000186	.000162	.000176	.000185	.000147	.000156	.000183
65	.000238	.000238	.000212	.000229	.000237	.000194	.000204	.000234
70	.000317	.000316	.000291	.000308	.000315	.000266	.000279	.000311
75	.000427	.000427	.000409	.000422	.000426	.000377	.000393	.000421
80	.000586	.000586	.000586	.000587	.000586	.000559	.000574	.000587
85	.000801	.000802	.000834	.000807	.000804	.000860	.000861	.000828
90	.001213	.001217	.001299	.001225	.001221	.001542	.001483	.001310
95	.002158	.002170	.002338	.002175	.002177	.003416	.003102	.002454
100	.000000	.000000	.000000	.000000	.000000	.000000	.000000	.000000
EXACT AGE	STANDARD ERRORS OF THE AVERAGE REMAINING LIFETIME WHEN SPECIFIED CAUSE ELIMINATED							
0	0.009	0.009	0.010	0.009	0.009	0.012	0.011	0.009
1	0.008	0.008	0.009	0.009	0.008	0.012	0.010	0.009
5	0.008	0.008	0.009	0.008	0.008	0.012	0.010	0.009
10	0.008	0.008	0.009	0.008	0.008	0.012	0.010	0.008
15	0.008	0.008	0.009	0.008	0.008	0.012	0.010	0.008
20	0.008	0.008	0.008	0.008	0.008	0.012	0.010	0.008
25	0.008	0.008	0.008	0.008	0.008	0.011	0.009	0.008
30	0.008	0.008	0.008	0.008	0.008	0.011	0.009	0.008
35	0.007	0.007	0.008	0.008	0.007	0.011	0.009	0.008
40	0.007	0.007	0.008	0.007	0.007	0.011	0.009	0.008
45	0.007	0.007	0.008	0.007	0.007	0.011	0.009	0.007
50	0.007	0.007	0.007	0.007	0.007	0.011	0.008	0.007
55	0.006	0.006	0.007	0.007	0.006	0.011	0.008	0.007
60	0.006	0.006	0.007	0.006	0.006	0.011	0.008	0.006
65	0.006	0.006	0.006	0.006	0.006	0.011	0.008	0.006
70	0.006	0.006	0.006	0.006	0.006	0.012	0.008	0.006
75	0.005	0.005	0.006	0.006	0.006	0.013	0.008	0.006
80	0.005	0.005	0.006	0.006	0.006	0.014	0.009	0.006
85	0.006	0.006	0.007	0.006	0.006	0.018	0.011	0.007
90	0.007	0.007	0.008	0.007	0.007	0.026	0.015	0.008
95	0.010	0.010	0.011	0.010	0.010	0.045	0.025	0.013
100	0.022	0.022	0.024	0.023	0.022	0.096	0.056	0.028

TABLE 30. STANDARD ERRORS OF THE PROBABILITY OF DYING AND OF THE AVERAGE REMAINING LIFETIME FOR ALL CAUSES OF DEATH COMBINED AND ELIMINATING SPECIFIED CAUSES, BY AGE FOR WHITE MALES: UNITED STATES, 1979-81—CON.

(NUMBERS AFTER CAUSES OF DEATH ARE CATEGORY NUMBERS OF THE NINTH REVISION INTERNATIONAL CLASSIFICATION OF DISEASES, 1975. STANDARD ERRORS CORRESPOND TO DATA SHOWN IN TABLE 2)

PERIOD OF LIFE BETWEEN TWO EXACT AGES AND EXACT AGE STATED IN YEARS	ATHEROSCLEROSIS (440)	PNEUMONIA AND INFLUENZA (480-487)	CHRONIC OBSTRUCTIVE PULMONARY DISEASES AND ALLIED CONDITIONS (490-496)	CHRONIC LIVER DISEASE AND CIRRHOSIS (571)	MOTOR VEHICLE ACCIDENTS (E810-E825)	ALL OTHER ACCIDENTS AND ADVERSE EFFECTS (E800-E807, E826-E949)	SUICIDE (E950-E959)	HOMICIDE AND LEGAL INTERVENTION (E960-E978)
AGE INTERVAL	STANDARD ERRORS OF THE PROBABILITY OF DYING							
0	.000053	.000052	.000053	.000053	.000052	.000052	.000053	.000052
1	.000025	.000024	.000025	.000025	.000023	.000021	.000025	.000024
5	.000020	.000020	.000020	.000020	.000017	.000017	.000020	.000020
10	.000020	.000020	.000020	.000020	.000017	.000017	.000019	.000019
15	.000034	.000034	.000034	.000034	.000025	.000031	.000032	.000033
20	.000041	.000041	.000041	.000041	.000032	.000038	.000038	.000039
25	.000041	.000041	.000041	.000041	.000034	.000038	.000038	.000039
30	.000043	.000043	.000043	.000042	.000038	.000040	.000040	.000041
35	.000054	.000054	.000054	.000052	.000050	.000051	.000051	.000052
40	.000072	.000072	.000072	.000070	.000069	.000069	.000070	.000071
45	.000093	.000093	.000093	.000091	.000091	.000091	.000091	.000092
50	.000114	.000114	.000114	.000112	.000113	.000113	.000113	.000114
55	.000142	.000141	.000140	.000140	.000141	.000141	.000141	.000142
60	.000186	.000185	.000183	.000184	.000185	.000185	.000185	.000186
65	.000238	.000237	.000234	.000237	.000238	.000237	.000238	.000238
70	.000316	.000315	.000312	.000316	.000316	.000316	.000316	.000316
75	.000426	.000425	.000423	.000426	.000427	.000426	.000426	.000427
80	.000586	.000587	.000587	.000586	.000586	.000586	.000586	.000586
85	.000808	.000814	.000810	.000801	.000801	.000805	.000801	.000801
90	.001248	.001268	.001234	.001214	.001215	.001227	.001215	.001213
95	.002301	.002345	.002205	.002159	.002161	.002207	.002161	.002159
100	.000000	.000000	.000000	.000000	.000000	.000000	.000000	.000000
EXACT AGE	STANDARD ERRORS OF THE AVERAGE REMAINING LIFETIME WHEN SPECIFIED CAUSE ELIMINATED							
0	0.009	0.009	0.009	0.009	0.009	0.009	0.008	0.009
1	0.008	0.009	0.009	0.008	0.008	0.008	0.008	0.008
5	0.008	0.008	0.008	0.008	0.008	0.008	0.008	0.008
10	0.008	0.008	0.008	0.008	0.008	0.008	0.008	0.008
15	0.008	0.008	0.008	0.008	0.008	0.008	0.008	0.008
20	0.008	0.008	0.008	0.008	0.008	0.008	0.008	0.008
25	0.008	0.008	0.008	0.008	0.008	0.008	0.008	0.008
30	0.008	0.008	0.008	0.008	0.008	0.008	0.008	0.008
35	0.008	0.008	0.008	0.007	0.007	0.007	0.007	0.007
40	0.007	0.007	0.007	0.007	0.007	0.007	0.007	0.007
45	0.007	0.007	0.007	0.007	0.007	0.007	0.007	0.007
50	0.007	0.007	0.007	0.007	0.007	0.007	0.007	0.007
55	0.006	0.006	0.007	0.006	0.006	0.006	0.006	0.006
60	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.006
65	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.006
70	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.006
75	0.006	0.006	0.006	0.005	0.005	0.006	0.005	0.005
80	0.006	0.006	0.006	0.005	0.005	0.006	0.005	0.005
85	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.006
90	0.007	0.008	0.007	0.007	0.007	0.007	0.007	0.007
95	0.012	0.012	0.011	0.010	0.010	0.011	0.010	0.010
100	0.026	0.027	0.023	0.022	0.022	0.023	0.022	0.022

TABLE 31. STANDARD ERRORS OF THE PROBABILITY OF DYING AND OF THE AVERAGE REMAINING LIFETIME FOR ALL CAUSES OF DEATH COMBINED AND ELIMINATING SPECIFIED CAUSES, BY AGE FOR WHITE FEMALES: UNITED STATES, 1979-81

(NUMBERS AFTER CAUSES OF DEATH ARE CATEGORY NUMBERS OF THE NINTH REVISION INTERNATIONAL CLASSIFICATION OF DISEASES, 1975. STANDARD ERRORS CORRESPOND TO DATA SHOWN IN TABLE 3)

PERIOD OF LIFE BETWEEN TWO EXACT AGES AND EXACT AGE STATED IN YEARS	ELIMINATING NO CAUSE	SEPTICEMIA (038)	MALIGNANT NEOPLASMS, INCLUDING NEOPLASMS OF LYMPHATIC AND HEMATOPOIETIC TISSUES (140-208)	MALIGNANT NEOPLASMS OF RESPIRATORY AND INTRATHORACIC ORGANS (160-165)	DIABETES MELLITUS (250)	DISEASES OF HEART (390-398, 402,404-429)	ISCHEMIC HEART DISEASE (410-414)	CEREBRO-VASCULAR DISEASES (430-438)
AGE INTERVAL	STANDARD ERRORS OF THE PROBABILITY OF DYING							
0	.000048	.000048	.000048	.000048	.000048	.000047	.000048	.000048
1	.000022	.000022	.000021	.000022	.000022	.000022	.000022	.000022
5	.000017	.000017	.000016	.000017	.000017	.000017	.000017	.000017
10	.000016	.000016	.000014	.000016	.000015	.000015	.000016	.000015
15	.000021	.000021	.000020	.000021	.000021	.000021	.000021	.000021
20	.000023	.000023	.000022	.000023	.000023	.000023	.000023	.000023
25	.000024	.000024	.000023	.000024	.000024	.000024	.000024	.000024
30	.000028	.000028	.000025	.000028	.000028	.000027	.000028	.000028
35	.000039	.000039	.000032	.000038	.000038	.000037	.000038	.000038
40	.000053	.000053	.000042	.000052	.000053	.000050	.000051	.000052
45	.000068	.000068	.000052	.000065	.000068	.000062	.000065	.000066
50	.000082	.000082	.000061	.000078	.000081	.000073	.000076	.000080
55	.000099	.000099	.000076	.000095	.000098	.000087	.000091	.000097
60	.000129	.000129	.000103	.000124	.000128	.000109	.000115	.000126
65	.000163	.000162	.000137	.000158	.000161	.000134	.000143	.000158
70	.000216	.000216	.000192	.000213	.000214	.000176	.000188	.000208
75	.000295	.000295	.000275	.000293	.000293	.000241	.000258	.000284
80	.000413	.000413	.000402	.000412	.000412	.000355	.000377	.000402
85	.000571	.000571	.000575	.000571	.000572	.000546	.000566	.000576
90	.000843	.000845	.000869	.000845	.000848	.000953	.000947	.000899
95	.001439	.001445	.001501	.001443	.001451	.002029	.001897	.001633
100	.000000	.000000	.000000	.000000	.000000	.000000	.000000	.000000
EXACT AGE	STANDARD ERRORS OF THE AVERAGE REMAINING LIFETIME WHEN SPECIFIED CAUSE ELIMINATED							
0	0.009	0.009	0.009	0.009	0.009	0.014	0.011	0.009
1	0.008	0.008	0.008	0.008	0.008	0.014	0.010	0.009
5	0.008	0.008	0.008	0.008	0.008	0.014	0.010	0.008
10	0.008	0.008	0.008	0.008	0.008	0.014	0.010	0.008
15	0.008	0.008	0.008	0.008	0.008	0.014	0.010	0.008
20	0.008	0.008	0.008	0.008	0.008	0.014	0.010	0.008
25	0.008	0.008	0.007	0.008	0.008	0.014	0.009	0.008
30	0.008	0.008	0.007	0.008	0.008	0.014	0.009	0.008
35	0.007	0.007	0.007	0.007	0.007	0.014	0.009	0.008
40	0.007	0.007	0.007	0.007	0.007	0.013	0.009	0.008
45	0.007	0.007	0.007	0.007	0.007	0.013	0.009	0.008
50	0.007	0.007	0.007	0.007	0.007	0.013	0.009	0.007
55	0.006	0.007	0.007	0.006	0.007	0.013	0.009	0.007
60	0.006	0.006	0.006	0.006	0.006	0.013	0.008	0.007
65	0.006	0.006	0.006	0.006	0.006	0.014	0.008	0.006
70	0.006	0.006	0.006	0.006	0.006	0.014	0.008	0.006
75	0.005	0.005	0.006	0.005	0.005	0.015	0.008	0.006
80	0.005	0.005	0.005	0.005	0.005	0.016	0.009	0.006
85	0.005	0.005	0.005	0.005	0.005	0.018	0.010	0.006
90	0.006	0.006	0.006	0.006	0.006	0.024	0.012	0.007
95	0.008	0.008	0.008	0.008	0.008	0.037	0.019	0.010
100	0.015	0.015	0.016	0.015	0.015	0.067	0.038	0.019

TABLE 31. STANDARD ERRORS OF THE PROBABILITY OF DYING AND OF THE AVERAGE REMAINING LIFETIME FOR ALL CAUSES OF DEATH COMBINED AND ELIMINATING SPECIFIED CAUSES, BY AGE FOR WHITE FEMALES: UNITED STATES, 1979-81—CON.

(NUMBERS AFTER CAUSES OF DEATH ARE CATEGORY NUMBERS OF THE NINTH REVISION INTERNATIONAL CLASSIFICATION OF DISEASES, 1975. STANDARD ERRORS CORRESPOND TO DATA SHOWN IN TABLE 3)

PERIOD OF LIFE BETWEEN TWO EXACT AGES AND EXACT AGE STATED IN YEARS	ATHEROSCLEROSIS (440)	PNEUMONIA AND INFLUENZA (480-487)	CHRONIC OBSTRUCTIVE PULMONARY DISEASES AND ALLIED CONDITIONS (490-496)	CHRONIC LIVER DISEASE AND CIRRHOSIS (571)	MOTOR VEHICLE ACCIDENTS (E810-E825)	ALL OTHER ACCIDENTS AND ADVERSE EFFECTS (E800-E807, E826-E949)	SUICIDE (E950-E959)	HOMICIDE AND LEGAL INTERVENTION (E960-E978)
AGE INTERVAL	STANDARD ERRORS OF THE PROBABILITY OF DYING							
0	.000048	.000047	.000048	.000048	.000048	.000047	.000048	.000048
1	.000022	.000022	.000022	.000022	.000021	.000020	.000022	.000022
5	.000017	.000017	.000017	.000017	.000015	.000016	.000017	.000017
10	.000016	.000015	.000015	.000016	.000013	.000014	.000015	.000015
15	.000021	.000021	.000021	.000021	.000015	.000020	.000021	.000020
20	.000023	.000023	.000023	.000023	.000019	.000022	.000022	.000022
25	.000024	.000024	.000024	.000024	.000021	.000023	.000023	.000023
30	.000028	.000028	.000028	.000028	.000026	.000027	.000027	.000028
35	.000039	.000038	.000039	.000038	.000037	.000038	.000037	.000038
40	.000053	.000053	.000053	.000052	.000052	.000052	.000052	.000053
45	.000068	.000068	.000068	.000067	.000067	.000067	.000067	.000068
50	.000082	.000082	.000081	.000080	.000081	.000081	.000081	.000082
55	.000099	.000099	.000098	.000098	.000099	.000099	.000099	.000099
60	.000129	.000128	.000127	.000128	.000128	.000128	.000129	.000129
65	.000162	.000162	.000160	.000162	.000162	.000162	.000162	.000163
70	.000216	.000215	.000214	.000216	.000216	.000215	.000216	.000216
75	.000294	.000293	.000293	.000294	.000295	.000294	.000295	.000295
80	.000412	.000411	.000412	.000413	.000413	.000412	.000413	.000413
85	.000572	.000573	.000571	.000571	.000571	.000572	.000571	.000571
90	.000862	.000863	.000846	.000844	.000844	.000849	.000843	.000843
95	.001523	.001520	.001447	.001440	.001440	.001460	.001439	.001440
100	.000000	.000000	.000000	.000000	.000000	.000000	.000000	.000000
EXACT AGE	STANDARD ERRORS OF THE AVERAGE REMAINING LIFETIME WHEN SPECIFIED CAUSE ELIMINATED							
0	0.009	0.009	0.009	0.009	0.009	0.009	0.008	0.009
1	0.008	0.008	0.008	0.008	0.008	0.008	0.008	0.008
5	0.008	0.008	0.008	0.008	0.008	0.008	0.008	0.008
10	0.008	0.008	0.008	0.008	0.008	0.008	0.008	0.008
15	0.008	0.008	0.008	0.008	0.008	0.008	0.008	0.008
20	0.008	0.008	0.008	0.008	0.008	0.008	0.008	0.008
25	0.008	0.008	0.008	0.008	0.008	0.008	0.008	0.008
30	0.008	0.008	0.008	0.008	0.007	0.008	0.007	0.008
35	0.008	0.008	0.007	0.007	0.007	0.007	0.007	0.007
40	0.007	0.007	0.007	0.007	0.007	0.007	0.007	0.007
45	0.007	0.007	0.007	0.007	0.007	0.007	0.007	0.007
50	0.007	0.007	0.007	0.007	0.007	0.007	0.007	0.007
55	0.007	0.007	0.007	0.006	0.006	0.007	0.006	0.006
60	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.006
65	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.006
70	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.006
75	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005
80	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005
85	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005
90	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.006
95	0.009	0.009	0.008	0.008	0.008	0.008	0.008	0.008
100	0.018	0.017	0.015	0.015	0.015	0.015	0.015	0.015

TABLE 32. STANDARD ERRORS OF THE PROBABILITY OF DYING AND OF THE AVERAGE REMAINING LIFETIME FOR ALL CAUSES OF DEATH COMBINED AND ELIMINATING SPECIFIED CAUSES, BY AGE FOR MALES OTHER THAN WHITE: UNITED STATES, 1979-81

(NUMBERS AFTER CAUSES OF DEATH ARE CATEGORY NUMBERS OF THE NINTH REVISION INTERNATIONAL CLASSIFICATION OF DISEASES, 1975. STANDARD ERRORS CORRESPOND TO DATA SHOWN IN TABLE 4)

PERIOD OF LIFE BETWEEN TWO EXACT AGES AND EXACT AGE STATED IN YEARS	ELIMINATING NO CAUSE	SEPTICEMIA (038)	MALIGNANT NEOPLASMS, INCLUDING NEOPLASMS OF LYMPHATIC AND HEMATOPOIETIC TISSUES (140-208)	MALIGNANT NEOPLASMS OF RESPIRATORY AND INTRATHORACIC ORGANS (160-165)	DIABETES MELLITUS (250)	DISEASES OF HEART (390-398, 402, 404-429)	ISCHEMIC HEART DISEASE (410-414)	CEREBRO-VASCULAR DISEASES (430-438)
AGE INTERVAL	STANDARD ERRORS OF THE PROBABILITY OF DYING							
0	.000137	.000137	.000137	.000137	.000137	.000136	.000137	.000137
1	.000065	.000065	.000064	.000065	.000065	.000064	.000065	.000065
5	.000050	.000050	.000048	.000050	.000050	.000049	.000050	.000050
10	.000051	.000050	.000048	.000051	.000050	.000050	.000051	.000050
15	.000085	.000085	.000083	.000085	.000085	.000084	.000085	.000085
20	.000115	.000115	.000113	.000115	.000115	.000113	.000115	.000114
25	.000139	.000139	.000137	.000139	.000139	.000136	.000138	.000138
30	.000166	.000165	.000162	.000165	.000165	.000158	.000163	.000164
35	.000215	.000214	.000207	.000213	.000214	.000198	.000207	.000211
40	.000274	.000274	.000256	.000268	.000272	.000244	.000258	.000268
45	.000353	.000353	.000320	.000340	.000351	.000305	.000326	.000345
50	.000429	.000427	.000379	.000409	.000426	.000365	.000392	.000418
55	.000517	.000516	.000453	.000492	.000513	.000436	.000471	.000504
60	.000647	.000645	.000569	.000618	.000643	.000549	.000591	.000630
65	.000767	.000766	.000685	.000740	.000762	.000661	.000707	.000747
70	.000991	.000989	.000913	.000970	.000986	.000871	.000924	.000966
75	.001298	.001297	.001238	.001286	.001294	.001174	.001234	.001275
80	.001919	.001920	.001909	.001921	.001920	.001843	.001899	.001920
85	.002846	.002854	.002936	.002864	.002856	.002952	.002961	.002913
90	.004463	.004487	.004745	.004501	.004490	.005169	.004988	.004727
95	.007154	.007230	.007757	.007209	.007209	.009440	.008710	.007872
100	.000000	.000000	.000000	.000000	.000000	.000000	.000000	.000000
EXACT AGE	STANDARD ERRORS OF THE AVERAGE REMAINING LIFETIME WHEN SPECIFIED CAUSE ELIMINATED							
0	0.026	0.026	0.028	0.027	0.026	0.035	0.029	0.027
1	0.025	0.025	0.027	0.025	0.025	0.034	0.028	0.026
5	0.024	0.024	0.027	0.025	0.025	0.034	0.028	0.026
10	0.024	0.024	0.027	0.025	0.024	0.034	0.028	0.025
15	0.024	0.024	0.027	0.025	0.024	0.034	0.028	0.025
20	0.024	0.024	0.027	0.025	0.024	0.034	0.028	0.025
25	0.024	0.024	0.026	0.024	0.024	0.034	0.027	0.025
30	0.023	0.023	0.026	0.024	0.023	0.034	0.027	0.025
35	0.023	0.023	0.026	0.024	0.023	0.033	0.027	0.024
40	0.022	0.022	0.025	0.023	0.023	0.033	0.026	0.024
45	0.022	0.022	0.025	0.022	0.022	0.033	0.026	0.023
50	0.021	0.021	0.024	0.021	0.021	0.033	0.025	0.022
55	0.020	0.020	0.023	0.021	0.020	0.033	0.025	0.021
60	0.019	0.019	0.022	0.020	0.019	0.034	0.024	0.021
65	0.019	0.019	0.022	0.019	0.019	0.035	0.024	0.020
70	0.019	0.019	0.022	0.019	0.019	0.038	0.025	0.021
75	0.019	0.019	0.023	0.020	0.019	0.042	0.027	0.022
80	0.021	0.021	0.025	0.021	0.021	0.049	0.031	0.024
85	0.024	0.024	0.029	0.025	0.024	0.063	0.038	0.028
90	0.030	0.031	0.035	0.031	0.031	0.088	0.051	0.037
95	0.042	0.043	0.050	0.043	0.043	0.140	0.079	0.054
100	0.076	0.077	0.089	0.078	0.077	0.260	0.152	0.099

TABLE 32. STANDARD ERRORS OF THE PROBABILITY OF DYING AND OF THE AVERAGE REMAINING LIFETIME FOR ALL CAUSES OF DEATH COMBINED AND ELIMINATING SPECIFIED CAUSES, BY AGE FOR MALES OTHER THAN WHITE: UNITED STATES, 1979-81—CON.

(NUMBERS AFTER CAUSES OF DEATH ARE CATEGORY NUMBERS OF THE NINTH REVISION INTERNATIONAL CLASSIFICATION OF DISEASES, 1975. STANDARD ERRORS CORRESPOND TO DATA SHOWN IN TABLE 4)

PERIOD OF LIFE BETWEEN TWO EXACT AGES AND EXACT AGE STATED IN YEARS	ATHEROSCLEROSIS (440)	PNEUMONIA AND INFLUENZA (480-487)	CHRONIC OBSTRUCTIVE PULMONARY DISEASES AND ALLIED CONDITIONS (490-496)	CHRONIC LIVER DISEASE AND CIRRHOSIS (571)	MOTOR VEHICLE ACCIDENTS (E810-E825)	ALL OTHER ACCIDENTS AND ADVERSE EFFECTS (E800-E807, E826-E949)	SUICIDE (E950-E959)	HOMICIDE AND LEGAL INTERVENTION (E960-E978)
AGE INTERVAL	STANDARD ERRORS OF THE PROBABILITY OF DYING							
0	.000137	.000135	.000137	.000137	.000137	.000136	.000137	.000137
1	.000065	.000064	.000065	.000065	.000061	.000055	.000065	.000063
5	.000050	.000050	.000050	.000050	.000043	.000041	.000050	.000049
10	.000051	.000050	.000050	.000051	.000046	.000041	.000050	.000048
15	.000085	.000085	.000085	.000085	.000076	.000077	.000082	.000070
20	.000115	.000115	.000115	.000115	.000104	.000108	.000110	.000090
25	.000139	.000139	.000139	.000138	.000130	.000131	.000135	.000111
30	.000166	.000164	.000165	.000161	.000157	.000157	.000161	.000140
35	.000215	.000212	.000214	.000207	.000207	.000206	.000211	.000194
40	.000274	.000271	.000273	.000264	.000267	.000265	.000272	.000259
45	.000353	.000350	.000352	.000343	.000348	.000345	.000351	.000341
50	.000428	.000425	.000426	.000419	.000424	.000421	.000427	.000421
55	.000517	.000513	.000513	.000510	.000514	.000511	.000516	.000512
60	.000646	.000642	.000641	.000642	.000644	.000641	.000646	.000644
65	.000766	.000762	.000761	.000764	.000765	.000763	.000767	.000765
70	.000988	.000985	.000984	.000989	.000989	.000987	.000990	.000990
75	.001296	.001293	.001293	.001297	.001297	.001295	.001298	.001297
80	.001920	.001921	.001921	.001919	.001920	.001920	.001919	.001919
85	.002862	.002877	.002860	.002848	.002849	.002858	.002847	.002847
90	.004538	.004574	.004498	.004465	.004468	.004512	.004467	.004465
95	.007415	.007483	.007265	.007158	.007168	.007281	.007164	.007162
100	.000000	.000000	.000000	.000000	.000000	.000000	.000000	.000000
EXACT AGE	STANDARD ERRORS OF THE AVERAGE REMAINING LIFETIME WHEN SPECIFIED CAUSE ELIMINATED							
0	0.023	0.026	0.026	0.026	0.026	0.026	0.024	0.025
1	0.023	0.025	0.025	0.025	0.024	0.025	0.024	0.024
5	0.023	0.025	0.025	0.024	0.024	0.024	0.024	0.024
10	0.023	0.025	0.025	0.024	0.024	0.024	0.024	0.024
15	0.023	0.024	0.024	0.024	0.024	0.024	0.024	0.024
20	0.024	0.024	0.024	0.024	0.024	0.024	0.024	0.024
25	0.024	0.024	0.024	0.024	0.024	0.024	0.024	0.023
30	0.023	0.024	0.024	0.023	0.023	0.023	0.023	0.023
35	0.023	0.023	0.023	0.023	0.023	0.023	0.023	0.023
40	0.022	0.023	0.023	0.022	0.022	0.022	0.022	0.022
45	0.022	0.022	0.022	0.022	0.022	0.022	0.022	0.022
50	0.021	0.021	0.021	0.021	0.021	0.021	0.021	0.021
55	0.020	0.020	0.020	0.020	0.020	0.020	0.020	0.020
60	0.019	0.020	0.019	0.019	0.019	0.019	0.019	0.019
65	0.019	0.019	0.019	0.019	0.019	0.019	0.019	0.019
70	0.019	0.019	0.019	0.019	0.019	0.019	0.019	0.019
75	0.020	0.020	0.020	0.019	0.019	0.020	0.019	0.019
80	0.022	0.022	0.021	0.021	0.021	0.021	0.021	0.021
85	0.025	0.026	0.025	0.024	0.024	0.025	0.024	0.024
90	0.032	0.033	0.031	0.030	0.030	0.031	0.030	0.030
95	0.046	0.048	0.044	0.043	0.043	0.044	0.042	0.043
100	0.084	0.088	0.078	0.076	0.076	0.081	0.076	0.077

TABLE 33. STANDARD ERRORS OF THE PROBABILITY OF DYING AND OF THE AVERAGE REMAINING LIFETIME FOR ALL CAUSES OF DEATH COMBINED AND ELIMINATING SPECIFIED CAUSES, BY AGE FOR FEMALES OTHER THAN WHITE: UNITED STATES, 1979-81

(NUMBERS AFTER CAUSES OF DEATH ARE CATEGORY NUMBERS OF THE NINTH REVISION INTERNATIONAL CLASSIFICATION OF DISEASES, 1975. STANDARD ERRORS CORRESPOND TO DATA SHOWN IN TABLE 5)

PERIOD OF LIFE BETWEEN TWO EXACT AGES AND EXACT AGE STATED IN YEARS	ELIMINATING NO CAUSE	SEPTICEMIA (038)	MALIGNANT NEOPLASMS, INCLUDING NEOPLASMS OF LYMPHATIC AND HEMATOPOIETIC TISSUES (140-208)	MALIGNANT NEOPLASMS OF RESPIRATORY AND INTRATHORACIC ORGANS (160-165)	DIABETES MELLITUS (250)	DISEASES OF HEART (390-398, 402,404-429)	ISCHEMIC HEART DISEASE (410-414)	CEREBRO-VASCULAR DISEASES (430-438)
AGE INTERVAL	STANDARD ERRORS OF THE PROBABILITY OF DYING							
0	.000128	.000128	.000128	.000128	.000128	.000127	.000128	.000128
1	.000059	.000058	.000057	.000059	.000059	.000057	.000059	.000058
5	.000042	.000042	.000039	.000042	.000042	.000041	.000042	.000042
10	.000039	.000039	.000037	.000039	.000039	.000038	.000039	.000039
15	.000054	.000054	.000051	.000054	.000054	.000052	.000054	.000053
20	.000064	.000064	.000062	.000064	.000063	.000062	.000064	.000063
25	.000078	.000078	.000075	.000078	.000078	.000075	.000078	.000077
30	.000097	.000097	.000090	.000097	.000097	.000092	.000096	.000095
35	.000136	.000135	.000121	.000134	.000134	.000125	.000132	.000132
40	.000182	.000182	.000157	.000179	.000180	.000163	.000174	.000176
45	.000237	.000236	.000201	.000231	.000234	.000208	.000223	.000228
50	.000289	.000287	.000242	.000280	.000284	.000249	.000268	.000278
55	.000362	.000360	.000307	.000352	.000355	.000306	.000331	.000348
60	.000461	.000460	.000401	.000452	.000452	.000382	.000416	.000443
65	.000553	.000551	.000495	.000545	.000542	.000455	.000497	.000528
70	.000748	.000745	.000690	.000741	.000736	.000619	.000677	.000713
75	.000980	.000978	.000930	.000976	.000970	.000822	.000895	.000939
80	.001466	.001464	.001432	.001464	.001460	.001290	.001382	.001427
85	.002145	.002145	.002142	.002145	.002146	.002005	.002103	.002136
90	.003339	.003350	.003409	.003344	.003359	.003492	.003518	.003464
95	.005369	.005395	.005569	.005381	.005426	.006455	.006190	.005827
100	.000000	.000000	.000000	.000000	.000000	.000000	.000000	.000000
EXACT AGE	STANDARD ERRORS OF THE AVERAGE REMAINING LIFETIME WHEN SPECIFIED CAUSE ELIMINATED							
0	0.026	0.026	0.028	0.026	0.027	0.047	0.032	0.028
1	0.025	0.025	0.026	0.025	0.025	0.047	0.031	0.027
5	0.025	0.025	0.026	0.025	0.025	0.047	0.031	0.027
10	0.024	0.025	0.026	0.025	0.025	0.047	0.030	0.027
15	0.024	0.024	0.026	0.024	0.025	0.047	0.030	0.026
20	0.024	0.024	0.026	0.024	0.025	0.047	0.030	0.026
25	0.024	0.024	0.025	0.024	0.024	0.047	0.030	0.026
30	0.024	0.024	0.025	0.024	0.024	0.047	0.030	0.026
35	0.024	0.024	0.025	0.024	0.024	0.047	0.030	0.026
40	0.023	0.023	0.025	0.023	0.024	0.047	0.030	0.026
45	0.023	0.023	0.024	0.023	0.023	0.047	0.029	0.025
50	0.022	0.022	0.024	0.022	0.023	0.047	0.029	0.025
55	0.021	0.022	0.023	0.022	0.022	0.048	0.029	0.024
60	0.021	0.021	0.023	0.021	0.021	0.049	0.029	0.024
65	0.020	0.021	0.022	0.021	0.021	0.051	0.029	0.024
70	0.020	0.020	0.022	0.020	0.021	0.053	0.030	0.024
75	0.021	0.021	0.023	0.021	0.021	0.058	0.032	0.025
80	0.022	0.022	0.024	0.022	0.022	0.065	0.035	0.026
85	0.024	0.024	0.026	0.024	0.024	0.077	0.040	0.030
90	0.028	0.028	0.030	0.028	0.029	0.098	0.051	0.036
95	0.037	0.038	0.040	0.038	0.038	0.140	0.074	0.050
100	0.061	0.063	0.066	0.062	0.063	0.227	0.128	0.085

TABLE 33. STANDARD ERRORS OF THE PROBABILITY OF DYING AND OF THE AVERAGE REMAINING LIFETIME FOR ALL CAUSES OF DEATH COMBINED AND ELIMINATING SPECIFIED CAUSES, BY AGE FOR FEMALES OTHER THAN WHITE: UNITED STATES, 1979-81--CON.

(NUMBERS AFTER CAUSES OF DEATH ARE CATEGORY NUMBERS OF THE NINTH REVISION INTERNATIONAL CLASSIFICATION OF DISEASES, 1975. STANDARD ERRORS CORRESPOND TO DATA SHOWN IN TABLE 5)

PERIOD OF LIFE BETWEEN TWO EXACT AGES AND EXACT AGE STATED IN YEARS	ATHEROSCLEROSIS (440)	PNEUMONIA AND INFLUENZA (480-487)	CHRONIC OBSTRUCTIVE PULMONARY DISEASES AND ALLIED CONDITIONS (490-496)	CHRONIC LIVER DISEASE AND CIRRHOSIS (571)	MOTOR VEHICLE ACCIDENTS (E810-E825)	ALL OTHER ACCIDENTS AND ADVERSE EFFECTS (E800-E807, E826-E949)	SUICIDE (E950-E959)	HOMICIDE AND LEGAL INTERVENTION (E960-E978)
AGE INTERVAL	STANDARD ERRORS OF THE PROBABILITY OF DYING							
0	.000128	.000127	.000128	.000128	.000128	.000127	.000128	.000128
1	.000059	.000057	.000058	.000059	.000055	.000051	.000059	.000056
5	.000042	.000041	.000042	.000042	.000037	.000036	.000042	.000041
10	.000039	.000039	.000039	.000039	.000036	.000035	.000039	.000038
15	.000054	.000053	.000053	.000054	.000049	.000051	.000053	.000048
20	.000064	.000063	.000063	.000063	.000059	.000061	.000062	.000055
25	.000078	.000078	.000078	.000077	.000075	.000076	.000077	.000071
30	.000097	.000096	.000097	.000094	.000094	.000094	.000096	.000091
35	.000136	.000134	.000135	.000130	.000133	.000133	.000134	.000130
40	.000182	.000180	.000181	.000176	.000180	.000179	.000181	.000179
45	.000237	.000235	.000236	.000230	.000235	.000234	.000236	.000234
50	.000288	.000287	.000287	.000283	.000287	.000286	.000288	.000287
55	.000361	.000359	.000360	.000357	.000360	.000359	.000361	.000361
60	.000460	.000459	.000459	.000458	.000460	.000458	.000461	.000460
65	.000551	.000549	.000550	.000550	.000552	.000550	.000552	.000552
70	.000745	.000743	.000745	.000746	.000747	.000744	.000747	.000747
75	.000976	.000974	.000978	.000979	.000979	.000976	.000980	.000980
80	.001462	.001461	.001465	.001466	.001466	.001463	.001466	.001466
85	.002146	.002146	.002145	.002145	.002145	.002146	.002145	.002145
90	.003372	.003371	.003342	.003339	.003339	.003354	.003339	.003339
95	.005512	.005502	.005379	.005369	.005370	.005416	.005369	.005370
100	.000000	.000000	.000000	.000000	.000000	.000000	.000000	.000000
EXACT AGE	STANDARD ERRORS OF THE AVERAGE REMAINING LIFETIME WHEN SPECIFIED CAUSE ELIMINATED							
0	0.024	0.026	0.026	0.026	0.026	0.026	0.024	0.026
1	0.024	0.025	0.025	0.025	0.025	0.025	0.024	0.025
5	0.024	0.025	0.025	0.024	0.024	0.025	0.024	0.024
10	0.024	0.025	0.024	0.024	0.024	0.024	0.024	0.024
15	0.024	0.025	0.024	0.024	0.024	0.024	0.024	0.024
20	0.024	0.025	0.024	0.024	0.024	0.024	0.024	0.024
25	0.024	0.024	0.024	0.024	0.024	0.024	0.024	0.024
30	0.024	0.024	0.024	0.024	0.024	0.024	0.024	0.024
35	0.024	0.024	0.024	0.024	0.024	0.024	0.024	0.024
40	0.024	0.024	0.023	0.023	0.023	0.023	0.023	0.023
45	0.023	0.023	0.023	0.023	0.023	0.023	0.023	0.023
50	0.023	0.023	0.022	0.022	0.022	0.022	0.022	0.022
55	0.022	0.022	0.022	0.021	0.022	0.022	0.021	0.021
60	0.021	0.021	0.021	0.021	0.021	0.021	0.021	0.021
65	0.021	0.021	0.020	0.020	0.020	0.021	0.020	0.020
70	0.021	0.021	0.020	0.020	0.020	0.021	0.020	0.020
75	0.021	0.021	0.021	0.020	0.021	0.021	0.020	0.020
80	0.023	0.023	0.022	0.021	0.022	0.022	0.021	0.021
85	0.025	0.025	0.024	0.023	0.024	0.024	0.023	0.023
90	0.030	0.030	0.028	0.026	0.028	0.029	0.026	0.026
95	0.041	0.040	0.037	0.032	0.037	0.038	0.032	0.032
100	0.069	0.067	0.062	0.000	0.061	0.063	0.000	0.000

TABLE 34. STANDARD ERRORS OF THE PROBABILITY OF DYING AND OF THE AVERAGE REMAINING LIFETIME FOR ALL CAUSES OF DEATH COMBINED AND ELIMINATING SPECIFIED CAUSES, BY AGE FOR BLACK MALES: UNITED STATES, 1979-81

(NUMBERS AFTER CAUSES OF DEATH ARE CATEGORY NUMBERS OF THE NINTH REVISION INTERNATIONAL CLASSIFICATION OF DISEASES, 1975. STANDARD ERRORS CORRESPOND TO DATA SHOWN IN TABLE 6)

PERIOD OF LIFE BETWEEN TWO EXACT AGES AND EXACT AGE STATED IN YEARS	ELIMINATING NO CAUSE	SEPTICEMIA (038)	MALIGNANT NEOPLASMS, INCLUDING NEOPLASMS OF LYMPHATIC AND HEMATOPOIETIC TISSUES (140-208)	MALIGNANT NEOPLASMS OF RESPIRATORY AND INTRATHORACIC ORGANS (160-165)	DIABETES MELLITUS (250)	DISEASES OF HEART (390-398, 402,404-429)	ISCHEMIC HEART DISEASE (410-414)	CEREBRO-VASCULAR DISEASES (430-438)
AGE INTERVAL	STANDARD ERRORS OF THE PROBABILITY OF DYING							
0	.000159	.000159	.000159	.000159	.000159	.000158	.000159	.000159
1	.000073	.000073	.000072	.000073	.000073	.000071	.000073	.000073
5	.000057	.000057	.000054	.000057	.000057	.000056	.000057	.000057
10	.000056	.000056	.000054	.000056	.000056	.000055	.000056	.000056
15	.000093	.000093	.000091	.000093	.000093	.000092	.000093	.000093
20	.000129	.000129	.000128	.000129	.000129	.000127	.000129	.000129
25	.000162	.000162	.000160	.000162	.000162	.000158	.000161	.000161
30	.000200	.000200	.000196	.000199	.000199	.000191	.000196	.000198
35	.000260	.000259	.000250	.000257	.000258	.000240	.000251	.000255
40	.000328	.000328	.000307	.000320	.000326	.000292	.000309	.000321
45	.000414	.000413	.000375	.000398	.000411	.000357	.000383	.000403
50	.000490	.000489	.000434	.000467	.000487	.000419	.000450	.000478
55	.000585	.000583	.000514	.000556	.000581	.000495	.000535	.000570
60	.000719	.000717	.000635	.000687	.000714	.000613	.000660	.000701
65	.000846	.000844	.000759	.000817	.000841	.000734	.000783	.000825
70	.001092	.001090	.001011	.001071	.001087	.000968	.001025	.001067
75	.001417	.001415	.001357	.001406	.001413	.001294	.001356	.001395
80	.002065	.002066	.002065	.002070	.002067	.002004	.002058	.002072
85	.003006	.003015	.003111	.003025	.003017	.003140	.003141	.003083
90	.004792	.004821	.005100	.004832	.004820	.005560	.005353	.005081
95	.007635	.007720	.008296	.007697	.007695	.010125	.009327	.008393
100	.000000	.000000	.000000	.000000	.000000	.000000	.000000	.000000
EXACT AGE	STANDARD ERRORS OF THE AVERAGE REMAINING LIFETIME WHEN SPECIFIED CAUSE ELIMINATED							
0	0.028	0.028	0.031	0.029	0.026	0.037	0.031	0.029
1	0.027	0.027	0.030	0.027	0.027	0.036	0.030	0.028
5	0.026	0.026	0.029	0.027	0.026	0.036	0.030	0.027
10	0.026	0.026	0.029	0.027	0.026	0.036	0.030	0.027
15	0.026	0.026	0.029	0.027	0.026	0.035	0.030	0.027
20	0.026	0.026	0.029	0.027	0.026	0.035	0.029	0.027
25	0.026	0.026	0.029	0.026	0.026	0.035	0.029	0.027
30	0.025	0.025	0.028	0.026	0.025	0.035	0.029	0.026
35	0.025	0.025	0.028	0.025	0.025	0.035	0.028	0.026
40	0.024	0.024	0.027	0.025	0.024	0.035	0.028	0.025
45	0.023	0.023	0.026	0.024	0.023	0.034	0.027	0.024
50	0.022	0.022	0.025	0.022	0.022	0.034	0.026	0.023
55	0.021	0.021	0.024	0.021	0.021	0.034	0.025	0.022
60	0.020	0.020	0.024	0.021	0.020	0.035	0.025	0.022
65	0.019	0.019	0.023	0.020	0.019	0.036	0.025	0.021
70	0.019	0.019	0.023	0.020	0.020	0.039	0.026	0.022
75	0.020	0.020	0.024	0.021	0.020	0.044	0.028	0.023
80	0.022	0.022	0.026	0.022	0.022	0.052	0.032	0.025
85	0.025	0.026	0.030	0.026	0.026	0.066	0.039	0.030
90	0.032	0.033	0.038	0.033	0.033	0.094	0.054	0.039
95	0.045	0.046	0.053	0.046	0.046	0.148	0.084	0.057
100	0.080	0.081	0.093	0.082	0.081	0.269	0.160	0.106

TABLE 34. STANDARD ERRORS OF THE PROBABILITY OF DYING AND OF THE AVERAGE REMAINING LIFETIME FOR ALL CAUSES OF DEATH COMBINED AND ELIMINATING SPECIFIED CAUSES, BY AGE FOR BLACK MALES: UNITED STATES, 1979-81--CON.

(NUMBERS AFTER CAUSES OF DEATH ARE CATEGORY NUMBERS OF THE NINTH REVISION INTERNATIONAL CLASSIFICATION OF DISEASES, 1975. STANDARD ERRORS CORRESPOND TO DATA SHOWN IN TABLE 6)

PERIOD OF LIFE BETWEEN TWO EXACT AGES AND EXACT AGE STATED IN YEARS	ATHEROSCLE-ROSIS (440)	PNEUMONIA AND INFLUENZA (480-487)	CHRONIC OBSTRUCTIVE PULMONARY DISEASES AND ALLIED CONDITIONS (490-496)	CHRONIC LIVER DISEASE AND CIRRHOSIS (571)	MOTOR VEHICLE ACCIDENTS (E810-E825)	ALL OTHER ACCIDENTS AND ADVERSE EFFECTS (E800-E807, E826-E949)	SUICIDE (E950-E959)	HOMICIDE AND LEGAL INTER-VENTION (E960-E978)
AGE INTERVAL	STANDARD ERRORS OF THE PROBABILITY OF DYING							
0	.000159	.000157	.000159	.000159	.000159	.000158	.000159	.000159
1	.000073	.000072	.000073	.000073	.000069	.000062	.000073	.000071
5	.000057	.000057	.000057	.000057	.000049	.000046	.000057	.000056
10	.000056	.000056	.000056	.000056	.000051	.000045	.000056	.000054
15	.000093	.000093	.000093	.000093	.000085	.000085	.000091	.000074
20	.000129	.000129	.000129	.000129	.000119	.000121	.000125	.000099
25	.000162	.000162	.000162	.000161	.000152	.000153	.000157	.000127
30	.000200	.000198	.000200	.000195	.000190	.000196	.000195	.000168
35	.000260	.000257	.000259	.000251	.000251	.000249	.000256	.000234
40	.000328	.000325	.000327	.000316	.000321	.000318	.000326	.000309
45	.000413	.000409	.000411	.000402	.000407	.000404	.000411	.000399
50	.000490	.000486	.000487	.000479	.000485	.000482	.000489	.000481
55	.000584	.000580	.000581	.000577	.000581	.000578	.000584	.000579
60	.000718	.000714	.000713	.000713	.000716	.000713	.000718	.000715
65	.000845	.000841	.000840	.000843	.000844	.000841	.000846	.000844
70	.001090	.001087	.001085	.001090	.001090	.001088	.001091	.001091
75	.001415	.001412	.001412	.001416	.001416	.001414	.001416	.001416
80	.002067	.002069	.002068	.002065	.002066	.002067	.002065	.002065
85	.003024	.003039	.003020	.003007	.003008	.003019	.003006	.003007
90	.004873	.004900	.004825	.004794	.004798	.004846	.004795	.004794
95	.007920	.007938	.007730	.007637	.007652	.007760	.007640	.007645
100	.000000	.000000	.000000	.000000	.000000	.000000	.000000	.000000
EXACT AGE	STANDARD ERRORS OF THE AVERAGE REMAINING LIFETIME WHEN SPECIFIED CAUSE ELIMINATED							
0	0.024	0.028	0.028	0.028	0.028	0.028	0.026	0.028
1	0.025	0.027	0.027	0.027	0.026	0.026	0.026	0.026
5	0.025	0.027	0.027	0.026	0.026	0.026	0.026	0.026
10	0.025	0.026	0.026	0.026	0.026	0.026	0.026	0.026
15	0.025	0.026	0.026	0.026	0.026	0.026	0.026	0.025
20	0.025	0.026	0.026	0.026	0.026	0.026	0.026	0.025
25	0.026	0.026	0.026	0.025	0.025	0.026	0.025	0.025
30	0.025	0.025	0.025	0.025	0.025	0.025	0.025	0.025
35	0.025	0.025	0.025	0.025	0.025	0.025	0.025	0.024
40	0.024	0.024	0.024	0.024	0.024	0.024	0.024	0.024
45	0.023	0.023	0.023	0.023	0.023	0.023	0.023	0.023
50	0.022	0.022	0.022	0.022	0.022	0.022	0.022	0.022
55	0.021	0.021	0.021	0.021	0.021	0.021	0.021	0.021
60	0.020	0.020	0.020	0.020	0.020	0.020	0.020	0.020
65	0.020	0.020	0.020	0.019	0.019	0.020	0.019	0.019
70	0.020	0.020	0.020	0.019	0.019	0.020	0.019	0.019
75	0.020	0.021	0.020	0.020	0.020	0.020	0.020	0.020
80	0.023	0.023	0.022	0.022	0.022	0.022	0.022	0.022
85	0.026	0.027	0.026	0.025	0.025	0.026	0.025	0.025
90	0.034	0.035	0.033	0.032	0.032	0.033	0.031	0.032
95	0.049	0.050	0.046	0.045	0.045	0.047	0.041	0.045
100	0.088	0.090	0.081	0.080	0.080	0.084	0.000	0.080

TABLE 35. STANDARD ERRORS OF THE PROBABILITY OF DYING AND OF THE AVERAGE REMAINING LIFETIME FOR ALL CAUSES OF DEATH COMBINED AND ELIMINATING SPECIFIED CAUSES, BY AGE FOR BLACK FEMALES: UNITED STATES, 1979-81

(NUMBERS AFTER CAUSES OF DEATH ARE CATEGORY NUMBERS OF THE NINTH REVISION INTERNATIONAL CLASSIFICATION OF DISEASES, 1975. STANDARD ERRORS CORRESPOND TO DATA SHOWN IN TABLE 7)

PERIOD OF LIFE BETWEEN TWO EXACT AGES AND EXACT AGE STATED IN YEARS	ELIMINATING NO CAUSE	SEPTICEMIA (038)	MALIGNANT NEOPLASMS, INCLUDING NEOPLASMS OF LYMPHATIC AND HEMATOPOIETIC TISSUES (140-208)	MALIGNANT NEOPLASMS OF RESPIRATORY AND INTRATHORACIC ORGANS (160-165)	DIABETES MELLITUS (250)	DISEASES OF HEART (390-398, 402,404-429)	ISCHEMIC HEART DISEASE (410-414)	CEREBRO-VASCULAR DISEASES (430-438)
AGE INTERVAL	STANDARD ERRORS OF THE PROBABILITY OF DYING							
0	.000148	.000147	.000148	.000148	.000148	.000147	.000148	.000148
1	.000066	.000066	.000064	.000066	.000066	.000064	.000066	.000066
5	.000047	.000047	.000044	.000047	.000047	.000046	.000047	.000047
10	.000043	.000043	.000040	.000043	.000042	.000041	.000043	.000042
15	.000059	.000059	.000056	.000059	.000059	.000057	.000059	.000058
20	.000071	.000070	.000068	.000071	.000070	.000068	.000070	.000070
25	.000091	.000090	.000086	.000090	.000090	.000086	.000090	.000089
30	.000116	.000116	.000108	.000116	.000115	.000109	.000114	.000113
35	.000160	.000160	.000144	.000159	.000158	.000147	.000156	.000155
40	.000212	.000212	.000184	.000209	.000210	.000189	.000203	.000205
45	.000275	.000274	.000234	.000267	.000271	.000240	.000259	.000264
50	.000330	.000328	.000278	.000320	.000324	.000283	.000305	.000317
55	.000407	.000406	.000346	.000397	.000400	.000344	.000373	.000392
60	.000512	.000510	.000447	.000501	.000502	.000423	.000462	.000492
65	.000603	.000601	.000542	.000595	.000591	.000496	.000543	.000576
70	.000808	.000806	.000748	.000802	.000796	.000671	.000733	.000771
75	.001052	.001050	.001002	.001048	.001042	.000886	.000964	.001010
80	.001575	.001573	.001544	.001573	.001569	.001398	.001494	.001539
85	.002265	.002266	.002265	.002265	.002267	.002129	.002231	.002260
90	.003480	.003493	.003554	.003486	.003502	.003643	.003671	.003612
95	.005555	.005582	.005757	.005567	.005617	.006682	.006401	.006032
100	.000000	.000000	.000000	.000000	.000000	.000000	.000000	.000000
EXACT AGE	STANDARD ERRORS OF THE AVERAGE REMAINING LIFETIME WHEN SPECIFIED CAUSE ELIMINATED							
0	0.028	0.028	0.030	0.028	0.029	0.049	0.034	0.030
1	0.026	0.027	0.028	0.026	0.027	0.048	0.032	0.029
5	0.026	0.026	0.027	0.026	0.027	0.048	0.032	0.028
10	0.026	0.026	0.027	0.026	0.026	0.048	0.032	0.028
15	0.026	0.026	0.027	0.026	0.026	0.048	0.032	0.028
20	0.026	0.026	0.027	0.026	0.026	0.048	0.032	0.028
25	0.026	0.026	0.027	0.026	0.026	0.048	0.032	0.028
30	0.025	0.025	0.027	0.025	0.026	0.048	0.031	0.028
35	0.025	0.025	0.026	0.025	0.025	0.048	0.031	0.027
40	0.025	0.025	0.026	0.025	0.025	0.048	0.031	0.027
45	0.024	0.024	0.025	0.024	0.024	0.048	0.030	0.026
50	0.023	0.023	0.025	0.023	0.024	0.049	0.030	0.026
55	0.022	0.023	0.024	0.022	0.023	0.049	0.030	0.025
60	0.022	0.022	0.024	0.022	0.022	0.050	0.030	0.025
65	0.021	0.021	0.023	0.021	0.021	0.052	0.030	0.024
70	0.021	0.021	0.023	0.021	0.021	0.055	0.031	0.024
75	0.021	0.021	0.023	0.021	0.022	0.060	0.032	0.025
80	0.022	0.023	0.025	0.023	0.023	0.067	0.036	0.027
85	0.025	0.025	0.027	0.025	0.025	0.081	0.042	0.031
90	0.029	0.029	0.032	0.029	0.030	0.103	0.053	0.037
95	0.038	0.039	0.042	0.039	0.040	0.148	0.076	0.051
100	0.063	0.064	0.068	0.063	0.065	0.240	0.132	0.087

TABLE 35. STANDARD ERRORS OF THE PROBABILITY OF DYING AND OF THE AVERAGE REMAINING LIFETIME FOR ALL CAUSES OF DEATH COMBINED AND ELIMINATING SPECIFIED CAUSES, BY AGE FOR BLACK FEMALES: UNITED STATES, 1979-81--CON.

(NUMBERS AFTER CAUSES OF DEATH ARE CATEGORY NUMBERS OF THE NINTH REVISION INTERNATIONAL CLASSIFICATION OF DISEASES, 1975. STANDARD ERRORS CORRESPOND TO DATA SHOWN IN TABLE 7)

PERIOD OF LIFE BETWEEN TWO EXACT AGES AND EXACT AGE STATED IN YEARS	ATHEROSCLEROSIS (440)	PNEUMONIA AND INFLUENZA (480-487)	CHRONIC OBSTRUCTIVE PULMONARY DISEASES AND ALLIED CONDITIONS (490-496)	CHRONIC LIVER DISEASE AND CIRRHOSIS (571)	MOTOR VEHICLE ACCIDENTS (E810-E825)	ALL OTHER ACCIDENTS AND ADVERSE EFFECTS (E800-E807, E826-E949)	SUICIDE (E950-E959)	HOMICIDE AND LEGAL INTERVENTION (E960-E978)
AGE INTERVAL	STANDARD ERRORS OF THE PROBABILITY OF DYING							
0	.000148	.000146	.000148	.000148	.000148	.000147	.000148	.000148
1	.000066	.000065	.000066	.000066	.000062	.000057	.000066	.000063
5	.000047	.000047	.000047	.000047	.000042	.000041	.000047	.000046
10	.000043	.000042	.000042	.000043	.000040	.000038	.000043	.000041
15	.000059	.000058	.000058	.000059	.000054	.000056	.000058	.000052
20	.000071	.000070	.000070	.000070	.000067	.000068	.000069	.000060
25	.000091	.000090	.000090	.000089	.000087	.000087	.000089	.000081
30	.000116	.000115	.000116	.000112	.000113	.000112	.000114	.000108
35	.000160	.000158	.000159	.000154	.000158	.000157	.000159	.000154
40	.000212	.000210	.000211	.000205	.000210	.000209	.000211	.000209
45	.000275	.000273	.000273	.000267	.000273	.000272	.000274	.000271
50	.000329	.000327	.000328	.000323	.000328	.000327	.000329	.000328
55	.000407	.000405	.000405	.000402	.000406	.000405	.000407	.000406
60	.000511	.000509	.000509	.000508	.000511	.000509	.000511	.000510
65	.000601	.000599	.000600	.000600	.000602	.000600	.000603	.000602
70	.000805	.000804	.000806	.000806	.000807	.000804	.000808	.000807
75	.001048	.001047	.001050	.001052	.001052	.001048	.001052	.001052
80	.001571	.001571	.001574	.001575	.001575	.001573	.001575	.001575
85	.002267	.002267	.002265	.002265	.002265	.002266	.002265	.002265
90	.003516	.003512	.003484	.003481	.003481	.003497	.003480	.003481
95	.005703	.005681	.005564	.005556	.005556	.005607	.005555	.005556
100	.000000	.000000	.000000	.000000	.000000	.000000	.000000	.000000
EXACT AGE	STANDARD ERRORS OF THE AVERAGE REMAINING LIFETIME WHEN SPECIFIED CAUSE ELIMINATED							
0	0.025	0.028	0.028	0.028	0.028	0.028	0.025	0.028
1	0.025	0.027	0.027	0.026	0.026	0.026	0.026	0.026
5	0.025	0.026	0.026	0.026	0.026	0.026	0.026	0.026
10	0.025	0.026	0.026	0.026	0.026	0.026	0.026	0.026
15	0.025	0.026	0.026	0.026	0.026	0.026	0.026	0.026
20	0.025	0.026	0.026	0.026	0.026	0.026	0.026	0.026
25	0.026	0.026	0.026	0.025	0.026	0.026	0.025	0.025
30	0.026	0.026	0.025	0.025	0.025	0.025	0.025	0.025
35	0.025	0.025	0.025	0.025	0.025	0.025	0.025	0.025
40	0.025	0.025	0.025	0.024	0.025	0.025	0.024	0.025
45	0.024	0.024	0.024	0.024	0.024	0.024	0.024	0.024
50	0.024	0.023	0.023	0.023	0.023	0.023	0.023	0.023
55	0.023	0.023	0.022	0.022	0.022	0.023	0.022	0.022
60	0.022	0.022	0.022	0.022	0.022	0.022	0.021	0.022
65	0.022	0.021	0.021	0.021	0.021	0.021	0.021	0.021
70	0.021	0.021	0.021	0.021	0.021	0.021	0.020	0.021
75	0.022	0.022	0.021	0.021	0.021	0.021	0.020	0.021
80	0.023	0.023	0.022	0.022	0.022	0.023	0.021	0.022
85	0.026	0.026	0.025	0.024	0.025	0.025	0.022	0.024
90	0.031	0.031	0.029	0.027	0.029	0.030	0.023	0.027
95	0.042	0.041	0.039	0.033	0.039	0.039	0.000	0.033
100	0.071	0.069	0.063	0.000	0.063	0.065	0.000	0.000

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Need assistance in following all your study subjects, or perhaps just your lost contacts? Become a National Death Index user to enchance your followup efforts.

Purpose

The National Death Index (NDI) is a computerized central file of death record information. It is compiled from magnetic tapes submitted to the National Center for Health Statistics (NCHS) by the State vital statistics offices. These tapes contain a standard set of identifying information for each decendent, beginning with deaths occurring in 1979. Investigators conducting prospective studies can use the NDI to determine whether persons in their studies may have died, and if so, be provided with the names of the States in which those deaths occurred, the dates of death, and the corresponding death certificate numbers. The NDI user can then arrange with the appropriate State offices to obtain copies of death certificates or specific statistical information such as cause of death.

How the NDI Operates

- *The NDI may only be used for statistical purposes in medical and health research.*
- *The investigator first must submit an NDI application form to NCHS.*
- *Applications are reviewed quarterly by a group of advisors to the NDI program.*
- *Upon notification of approval, the investigator submits the names of study subjects and related information on magnetic tape, floppy disk, or NDI coding sheets (as specified in the NDI Users's Manual).*
- *Payment for NDI services is also made at this time.*
- *The NDI file search is performed and the result mailed within three weeks.*
- *The investigator assesses the quality of the resulting NDI matches and purchases copies of relevant death certificates from the appropriate State vital statistics offices.*

National Center for Health Statistics

National Death Index NDI

Please send me a Free information packet on the National Death Index program.

(Please print)

Name: _____

Address: _____

_____

_____

_____

Telephone: ( ) _____

Please return completed order form to:

Mr. Robert Bilgrad
NDI, Division of Vital Statistics
National Center for Health Statistics
3700 East-West Highway, Room 1-44
Hyattsville, Maryland 20782.

U.S. Decennial Life Tables, 1979-81

These 55 reports are published once each 10-year period by the National Center for Health Statistics.

VOLUME I

Number 1 *United States Life Tables.* This first report contains life tables by single years of age from birth to age 110 for the United States. Tables are included for the total population, the white population, the population other than white, and the black population. Within these large populations are tables showing the race-sex categories of male, female, and both sexes combined. Standard error tables for the probability of dying and of the average remaining lifetime are included for the first time in this series.

Number 2 *United States Life Tables Eliminating Certain Causes of Death.* This report provides life tables analyzed by major groups of causes of death.

Number 3 *Methodology of the National and State Life Tables.* This report describes in detail the methods of construction of the national and State life tables.

Number 4 *Some Trends and Comparisons of United States Life Table Data: 1900-1981.* This report deals with trends and interpretations related to life expectancy and survivorship.

VOLUME II

Numbers 1 through 51 *Alabama through Wyoming, State Life Tables.* Each of these 51 reports contains life tables for a particular State and a table which ranks each State in the order of life expectancy. All States have tables for the total population and the white population by sex. In addition 35 States have tables for the other than white population and 31 have tables for the black population. Standard error tables for the probability of dying and of the average remaining lifetime are included for the first time in this series.