U.S. Decennial Life Tables for 1989-91

Volume II, State Life Tables Number 45, Utah

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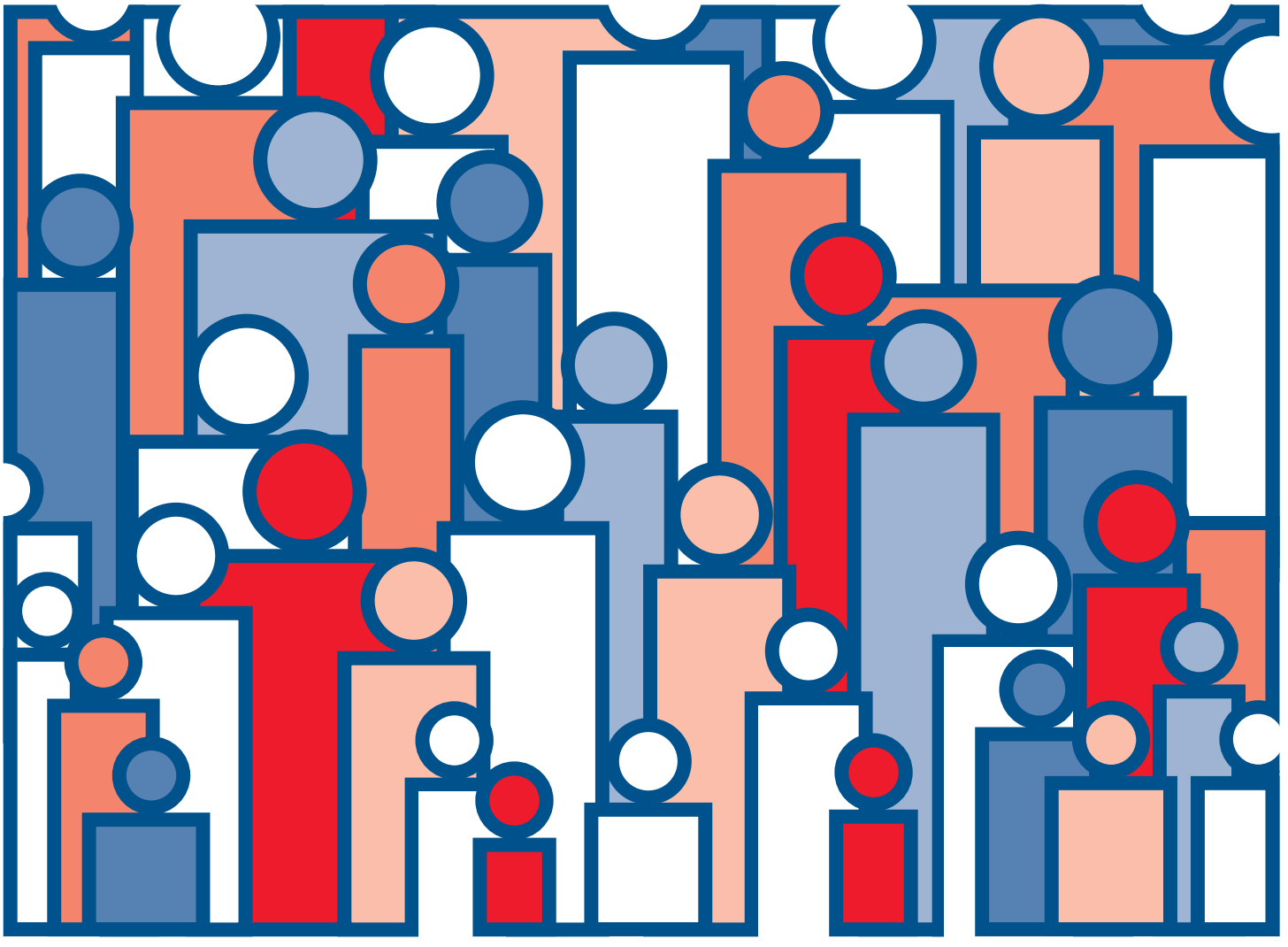

U.S. DEPARTMENT OF HEALTH AND HUMAN SERVICES
Centers for Disease Control and Prevention
National Center for Health Statistics

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Suggested citation

National Center for Health Statistics. U.S. decennial life tables for 1989–91, vol II, State life tables no. 45, Utah. Hyattsville, Maryland. 1998.

Library of Congress Cataloging Card Number 85-600190

For sale by the U.S. Government Printing Office
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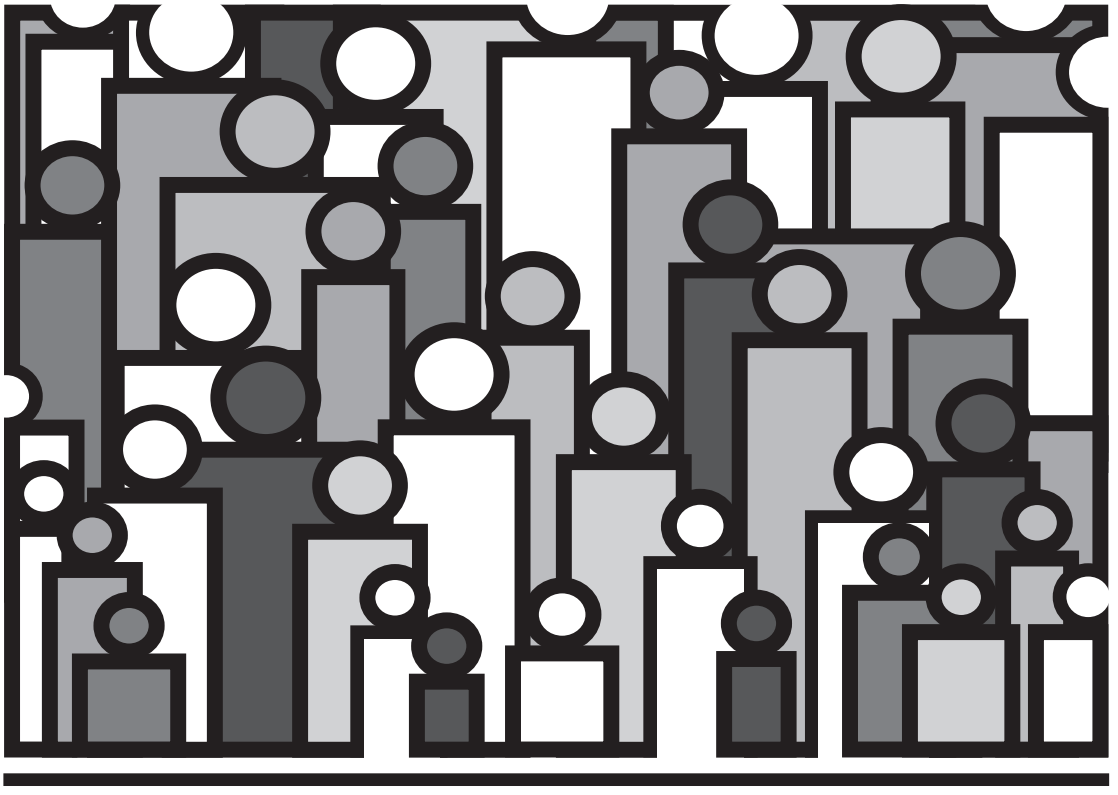

U.S. DEPARTMENT OF HEALTH AND HUMAN SERVICES
Centers for Disease Control and Prevention
National Center for Health Statistics

Hyattsville, Maryland
May 1998

DHHS Publication No. PHS-98-1151-45

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Acknowledgments

This report was prepared in the Division of Vital Statistics (DVS) under the guidance of an ad hoc committee chaired by Robert J. Armstrong and included Stephen C. Goss and Alice H. Wade of the Office of the Actuary, Social Security Administration; Gregory K. Spencer and Frederick W. Hollmann of the U.S. Bureau of the Census; and David P. Johnson, Lester R. Curtin, Nonie Atkinson, Kenneth D. Kochanek, Harry M. Rosenberg, Jeffrey D. Maurer, and Joseph D. Farrell from the National Center for Health Statistics.

Nonie Atkinson, formerly of the Office of Research and Methodology (ORM), was responsible for the overall computer systems analysis and design and played a major role in writing the programs to produce the life tables and their variances. Lester R. Curtin, also of ORM, consulted on methodological issues including the preparation of standard errors for the life tables.

Joseph D. Farrell, Charles E. Royer, and David P. Johnson of the Systems, Programming, and Statistical Resources Branch of DVS coordinated data processing and developed computer processes that eased the workload of the actuarial statistician and the Publications Branch. They also provided major programming support in summarizing data basic to the calculation of the life tables.

Gregory K. Spencer and Frederick W. Hollmann of the U.S. Bureau of the Census furnished the modified-race populations that were used in the production of these tables.

Stephen C. Goss, Felicite C. Bell, and Bertram M. Kestenbaum of the Office of the Actuary, Social Security Administration, provided mortality data from the Medicare Program that were used at age 85 years and over. Vanetta A. Harrington of the Systems, Programming, and Statistical Resources Branch, DVS, provided content review, and Robert N. Anderson of the Mortality Statistics Branch, DVS, provided peer review. This report was edited by Klaudia Cox and Patricia Keaton-Williams and typeset by Jacqueline M. Davis of the Publications Branch, Division of Data Services.

Utah Life Tables: 1989–91

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Abstract:

The life tables in this report are current life tables for Utah based on age-specific death rates for the period 1989–91. The death rates were calculated using data from the 1990 census of population and deaths occurring in the United States to residents of Utah in the 3 years 1989–91. Presented are tables for the white population, the population other than white, and the black population, separately by sex and for both sexes combined, and also for the total population and for total males and total females. Standard errors of the probability of dying and of life expectancy are also provided.

Introduction

The life tables in this report are current life tables for Utah based on age-specific death rates for the period 1989–91. With the exception of those aged 95 years and over (and to a lesser extent those aged 85–94 years), the death rates were calculated using data from the 1990 census of population and deaths occurring in the United States to residents of Utah in the 3 years 1989–91. Other publications in this decennial series present life tables for the United States and the other individual States. Generally, these reports show life tables calculated for the white population, the population other than white, and the black population separately by sex and for both sexes combined. Each of these reports also shows life tables for the total population, for total males, and for total females. Standard errors of the probability of dying and of life expectancy are also provided. However, life tables for the population other than white and for the black population in a State are not published when the total number of deaths for either males or females during the 3-year period is less than 700.

These life tables are the most recent in a series for the States that began with the 1939–41 period. Each of the tables in the series is based on a census of population and deaths in a 3-year period centered on the census year. Because State life tables are not currently produced on an annual basis, the decennial life tables are the only source of State life expectancy data available at the National Center for Health Statistics (NCHS).

Keywords: Utah • decennial life tables • 1989–91 • life expectancy

This report is 1 of 51 reports containing life tables for the individual States and the District of Columbia. A separate report describes the methods and formulas by which these life tables were prepared in *U.S. Decennial Life Tables for 1989–91, Volume I, Number 2, Methodology of the National and State Life Tables* (1).

Methodology

The general methodology, with a few modifications, used in preparing these life tables was developed by Thomas N. E. Greville for the 1939–41 decennial life tables (2). The life tables are based on a complete count of deaths to residents of Utah that occurred anywhere in the United States during the 3 years of 1989, 1990, and 1991 and on the 1990 census of population for Utah. However, sometimes the observed death rates that these data produced did not meet certain well-established criteria, such as steadily increasing mortality with increasing age. For example, when the pattern of age-specific death rates at some ages was jagged rather than smooth or when the rates by race or sex were inconsistent, the observed death rates were adjusted slightly by moving deaths from one age group to another within the race-sex group. The total number of deaths in a race-sex group was never changed. Certain other adjustments were made. In accordance with standard practice, deaths for which age was not stated were allocated proportionately among the various age groups.

The population data used differ from the official data published by the U.S. Bureau of the Census because of age reporting problems in the 1990 census. Age was based on the respondents' direct reports of age at last birthday in the 1990 census. It was apparent that many respondents had reported their age at either the time of completion of the census form or at the time of the interview by an enumerator, which could have occurred several months after the April 1 reference date. As a result, reported age was biased upward and had to be modified.

Between the ages of 5 and 94 years, death rates were calculated using the total number of deaths in 1989–91 and 3 times the population shown in the 1990 census. However, since population counts at ages under 2 years are considered to be less reliable than those at other ages, life-table values at ages under 2 years were derived from the reported numbers of births for each of the years 1987 to 1991. At ages 2–4 years, the denominator of the death rates used the populations at ages

x-1, x, and x+1 (instead of 3 times the population at age x). Death rates at ages 95 years and over, where the data from the census and from registered deaths are scanty and the accuracy of the reporting of age is not as good as at younger ages, are based on data from the Medicare program. However, when the data from the Medicare program were judged to be unreliable (usually after age 97), an algorithm was used to produce the death rates. The new algorithm, which differed from the one used for the 1979–81 decennial life tables, incremented the death rates more rapidly resulting in lower life expectancies at the extreme ages than in the previous reports. The rates based on the Medicare program and on the algorithm are differentiated by race and sex but not by State, so the same rates are used for each State. As a consequence, the probabilities of dying and the life expectancies at ages 85 years and over may fail to adequately reflect variation in mortality among the States, but such variation is in general smaller than differences associated with race and sex. Death rates at ages 85–94 years were adjusted to provide a smooth transition between the death rates based on the census and registered deaths and those derived from the Medicare program.

The population and death statistics at ages under 85 years are known to be subject to reporting errors, but these were not considered to be serious enough to require adjustment prior to the calculation of the life tables. In some instances, fluctuations due to small numbers of deaths produced anomalous life-tables values, which were eliminated by minor redistribution of deaths by age. For a complete description of the methodology used in preparing these life tables, see *U.S. Decennial Life Tables for 1989–91, Volume I, Number 2, Methodology of the National and State Life Tables* (1).

Results and discussion

The life tables in this report are current life tables and are based on age-specific death rates for the period 1989–91. They may also be characterized as ''cross-sectional.'' They assume that a hypothetical cohort is traced from birth until the death of the last survivor and that it is subject throughout its existence to the age-specific death rates observed for 1989–91. For example, table 3 is a life table for females. This table shows the progression of a cohort starting with 100,000 live births who were subjected to the average annual death rates observed among females in Utah in the 3-year period 1989–91 during its passage through successive years of age.

Column 7 of table 3 shows the average number of years of life remaining to those in the cohort who attain each birthday. This average remaining lifetime is commonly called the expectation of life, and the expectation of life at birth is frequently used as a measure of comparative longevity. According to the 1989–91 life tables for Utah, the expectation of life at birth is 74.93 years for total males and 80.38 years for total females. Among the 50 States and the District of Columbia in the expectation of life at birth for the total population, Utah ranks 3rd.

The ranking table shows the average lifetime (or expectation of life at birth) by race and sex for the population of the United States, each State, and the District of Columbia. The States are ranked using the life expectancy at birth for the total population of the State.

These life tables are based on a complete count of resident deaths in Utah during the 3 years 1989, 1990, and 1991. As such, they are not subject to sampling error. However, even complete counts may be considered as one of a large series of possible results that could have arisen under the same circumstances. This type of variation is known as random error. The standard errors shown in this report reflect random error only, not other errors such as misreporting of age on death certificates or in the census.

The probabilities of dying and the expectation of life presented in this report are ''point estimates.'' They do not give the reader an indication of how accurate they are. Therefore standard errors of these two measures are also presented. Standard errors can be used to develop confidence intervals within which the ''point estimates'' are believed to lie. Standard errors of the probability of dying and of life expectancy contain six and three decimal places, respectively, and are shown in tables 7 and 8. In both cases, the standard errors contain one place more than the corresponding variable in the life tables. In computing confidence intervals, the limits are rounded to the same number of decimal places that the variable has in the life table.

Even though 68 percent confidence intervals are rarely used because of their high degree of uncertainty, they are shown here to demonstrate the method of construction of confidence intervals. To obtain a 68 percent confidence interval for the probability of dying at any age, take the point estimate from column 2 of the appropriate life table and add and subtract one standard error from the table that gives the standard errors of the probability of dying (table 7). The 95 percent confidence interval is obtained by adding and subtracting two standard errors. For example, the probability that a 50-year-old white female will die before her 51st birthday is 0.00267 with a standard error of 0.000370. Therefore, the 68 percent confidence interval is from 0.00230 to 0.00304 and the 95 percent confidence interval is from 0.00193 to 0.00341. The life expectancy of a 50 year-old white female is 32.61 years with a standard error of 0.090 years. The 68 percent confidence interval for the life expectancy is therefore from 32.52 to 32.70 years and the 95 percent confidence interval is from 32.43 to 32.79 years.

Explanation of the columns of the life table

Column 1—Age interval (x to x+1)—The age interval shown in column 1 is the interval of 1 year between the two exact ages indicated. For instance, ''21–22'' indicates the interval between the 21st birthday and the 22d, in other words, the 22d year of life.

Column 2—Proportion dying (q_x)—This column shows the proportion of the members of the life-table cohort alive at the beginning of the indicated year of age who will die before reaching the next birthday on the basis of the mortality rates of

1989–91 in Utah. For example, for females who reach age 21, the proportion dying before reaching their 22d birthday is 0.00045—out of every 1,000 female babies surviving to age 21, 0.45 will die before reaching their 22d birthday.

Column 3—Number surviving (l_x)—This column shows the number of persons, starting with a cohort of 100,000 live births, who will survive to the birthday marking the beginning of the indicated year of age. Thus out of 100,000 female babies born alive in the cohort of table 3, 99,347 will complete the first year of life and enter the second, 98,778 will reach age 21, and 73,968 will live to age 75.

Column 4—Number dying (d_x)—This column shows the number dying in each successive age interval out of 100,000 live births. Thus out of 100,000 females born alive, 653 will die in the first year of life, 44 in the 22d year, and 2,084 in the 76th year. Each figure in column 4 is the difference between two successive figures in column 3.

Columns 5 and 6 —Stationary population (L_x and T_x)—Suppose that a group of 100,000 persons like that assumed in columns 3 and 4 is born every year, and that the proportion dying in each such group in each age interval throughout the lives of the members is exactly that shown in column 2. If there were no migration and if the births were evenly distributed over the year, the survivors of these births would constitute what is called a stationary population, because in such a population the number of persons living in any given age interval would never change. When an individual left an age interval, whether by death or growing older and entering the next higher age interval, his place would immediately be taken by someone entering from the next lower age interval. Thus a census taken at any time in such a stationary community would always show the same total population and the same numerical distribution of that population among the various age intervals. In such a stationary population supported by 100,000 annual births, column 3 shows the number of persons who, each year, will reach the exact age that marks the beginning of the age interval indicated in column 1, and column 4 shows the number of persons who will die each year in that year of age interval.

Column 5, L_x, shows the number of females in the stationary population in the indicated year of age. For example, the figure shown in table 3 for the year of age 21–22 is 98,757. This means that in a stationary population supported by 100,000 annual births, and with proportions dying in each age interval always in accordance with column 2, a census taken on any date would show 98,757 persons at age 21 (that is, between exact ages 21 and 22 years).

Column 6, T_x, shows the total number of persons in the stationary population in the indicated year of age and all subsequent years of age. For example, in the stationary population of females described in the preceding paragraph, column 6 shows that there would be at any given moment a total of 5,956,890 persons who had reached their 21st birthday. The population at all ages 0 and above (in other words, the total female population of the stationary community) would be 8,037,620.

Column 7—Average remaining lifetime ($\mathring{e}_x$)—The average remaining lifetime (also called 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. In order to relate these figures to the preceding columns of the life table, it is necessary to observe that the figures in column 5 of the life tables can also be interpreted in terms of a single life-table cohort without introducing the concept of the stationary population. From this point of view, each figure in column 5 represents the total time in years lived between two indicated birthdays by all those reaching the younger age among the survivors of a cohort of 100,000 live births. Thus the figure of 98,757 for females in Utah in the year of age 21–22 is the total number of years of life lived between their 21st and 22d birthdays by the 98,778 (column 3) who reached their 21st birthday out of the original cohort of 100,000 females born alive. The corresponding figure (5,956,890) in column 6 is the total number of years lived after attaining age 21 by the 98,778 reaching that exact age. This number of years divided by the number of persons (5,956,890 divided by 98,778) gives 60.31 years as the average remaining lifetime at age 21 for females in Utah.

References

1. U.S. decennial life tables for 1989–91, volume I, number 2, methodology of the national and State life tables. In progress.
2. Greville TNE. United States life tables and actuarial tables, 1939–41. Washington: U.S. Government Printing Office. 1947.

Average lifetime in years by race and sex: United States and each State in rank order, 1989–91

Rank	Area	Total			White			All other					
								Total			Black		
		Both sexes	Male	Female	Both sexes	Male	Female	Both sexes	Male	Female	Both sexes	Male	Female
1	Hawaii	78.21	75.37	81.26	77.92	75.12	81.09	78.40	75.49	81.48	*	*	*
2	Minnesota	77.76	74.53	80.85	77.97	74.78	81.02	73.05	69.46	76.80	*	*	*
3	Utah	77.70	74.93	80.38	77.77	75.00	80.44	*	*	*	*	*	*
4	North Dakota	77.62	74.35	80.99	77.99	74.74	81.32	*	*	*	*	*	*
5	Iowa	77.29	73.89	80.54	77.38	73.98	80.62	*	*	*	*	*	*
6	Colorado	76.96	73.79	80.01	77.06	73.88	80.13	75.71	72.63	78.61	72.41	68.96	75.89
7	Nebraska	76.92	73.57	80.17	77.21	73.87	80.44	71.14	67.64	74.52	*	*	*
8	Connecticut	76.91	73.62	79.97	77.44	74.25	80.37	72.31	67.82	76.61	70.84	66.04	75.44
8	South Dakota	76.91	73.17	80.77	77.91	74.30	81.59	*	*	*	*	*	*
10	Idaho	76.88	73.88	79.93	76.89	73.90	79.93	*	*	*	*	*	*
11	Wisconsin	76.87	73.61	80.03	77.18	73.99	80.27	72.37	68.27	76.25	70.96	66.42	75.27
12	Washington	76.82	73.84	79.74	76.92	73.97	79.81	76.09	72.72	79.59	71.34	67.91	75.58
13	Kansas	76.76	73.40	79.99	77.06	73.72	80.25	72.77	69.25	76.26	71.22	67.48	75.04
14	Massachusetts	76.72	73.32	79.80	76.90	73.54	79.95	75.08	71.29	78.60	72.45	68.17	76.50
14	New Hampshire	76.72	73.52	79.77	76.68	73.48	79.74	*	*	*	*	*	*
16	Rhode Island	76.54	73.00	79.77	76.80	73.31	79.97	*	*	*	*	*	*
16	Vermont	76.54	73.29	79.68	76.50	73.25	79.65	*	*	*	*	*	*
18	Oregon	76.44	73.21	79.67	76.51	73.28	79.73	75.24	72.02	78.45	*	*	*
19	Maine	76.35	72.98	79.61	76.35	72.98	79.61	*	*	*	*	*	*
20	Montana	76.23	73.05	79.49	76.72	73.59	79.92	*	*	*	*	*	*
21	Wyoming	76.21	73.16	79.29	76.34	73.27	79.46	*	*	*	*	*	*
22	Arizona	76.10	72.66	79.58	76.42	73.04	79.84	72.76	68.89	76.81	70.84	67.20	74.90
23	California	75.86	72.53	79.19	75.92	72.61	79.26	75.79	72.34	79.18	69.65	65.43	74.07
24	Florida	75.84	72.10	79.60	76.82	73.19	80.46	69.82	65.40	74.19	68.77	64.26	73.28
25	New Mexico	75.74	72.20	79.33	76.08	72.66	79.53	73.41	68.97	77.93	*	*	*
26	New Jersey	75.42	72.16	78.49	76.46	73.37	79.34	70.73	66.59	74.66	68.47	63.87	72.88
27	Indiana	75.39	71.99	78.62	75.82	72.44	79.03	70.76	66.99	74.35	69.80	65.87	73.56
28	Pennsylvania	75.38	71.91	78.66	76.15	72.81	79.28	69.34	64.69	73.78	68.27	63.33	73.02
	United States	75.37	71.83	78.81	76.13	72.72	79.45	71.25	66.97	75.39	69.16	64.47	73.73
29	Ohio	75.32	71.99	78.45	75.93	72.70	78.95	70.86	66.70	74.82	70.15	65.80	74.29
30	Missouri	75.25	71.54	78.82	76.02	72.43	79.48	69.65	65.00	74.07	68.81	63.87	73.52
31	Virginia	75.22	71.77	78.56	76.34	73.04	79.48	71.17	67.03	75.27	70.05	65.75	74.37
32	Texas	75.14	71.41	78.87	75.75	72.08	79.42	71.25	67.08	75.38	69.79	65.36	74.23
33	Oklahoma	75.10	71.63	78.49	75.21	71.76	78.59	74.81	71.17	78.21	70.85	67.10	74.48
34	Michigan	75.04	71.71	78.24	76.18	73.06	79.14	69.22	64.68	73.65	68.49	63.68	73.18
35	Illinois	74.90	71.34	78.31	76.16	72.83	79.33	69.25	64.58	73.79	67.46	62.41	72.39
36	Alaska	74.83	71.60	78.60	75.83	72.82	79.40	71.67	67.65	76.17	*	*	*
37	Maryland	74.79	71.31	78.13	76.30	73.20	79.23	70.76	66.27	75.15	69.69	64.99	74.31
38	Delaware	74.76	71.63	77.74	75.76	72.75	78.62	70.06	66.39	73.63	69.26	65.51	72.91
39	New York	74.68	70.86	78.32	75.61	72.01	79.03	71.53	66.70	75.97	69.33	63.86	74.35
40	North Carolina	74.48	70.58	78.27	75.89	72.21	79.44	69.83	64.96	74.55	69.38	64.38	74.24
41	Kentucky	74.37	70.72	77.97	74.65	71.01	78.24	70.79	66.78	74.63	70.16	66.06	74.13
42	Arkansas	74.33	70.54	78.13	75.20	71.54	78.89	69.63	64.87	74.13	68.93	64.03	73.58
43	Tennessee	74.32	70.38	78.18	75.27	71.38	79.10	69.43	64.99	73.59	68.97	64.41	73.24
44	West Virginia	74.26	70.53	77.93	74.37	70.66	78.02	71.20	66.77	75.46	69.75	65.00	74.36
45	Nevada	74.18	70.96	77.76	74.44	71.26	77.99	72.74	69.15	76.42	*	*	*
46	Alabama	73.64	69.59	77.61	75.01	71.12	78.85	69.59	64.79	74.05	69.23	64.37	73.76
47	Georgia	73.61	69.65	77.46	75.24	71.46	78.94	69.21	64.49	73.65	68.79	63.98	73.34
48	South Carolina	73.51	69.59	77.34	75.33	71.62	78.97	69.09	64.37	73.57	68.82	64.07	73.35
49	Louisiana	73.05	69.10	76.93	74.87	71.15	78.54	68.99	64.33	73.43	68.62	63.84	73.16
50	Mississippi	73.03	68.90	77.10	74.78	70.74	78.82	69.54	64.84	73.91	69.41	64.66	73.82
51	District Of Columbia	67.99	61.97	74.23	76.09	71.36	81.06	64.97	58.14	72.03	64.44	57.53	71.61

* Figure does not meet standards of reliability and precision.

Detailed tables

Table 1. Life table for the total population: Utah, 1989–91

Age in years	*Proportion dying*	*Of 100,000 born alive*		*Stationary population*		*Average remaining lifetime*
Period of life between two exact ages stated (1)	*Proportion of persons alive at beginning of year of age dying during year (2)*	*Number living at beginning of year of age (3)*	*Number dying during year of age (4)*	*In year of age (5)*	*In this year of age and all subsequent years (6)*	*Average number of years of life remaining at beginning of year of age (7)*
x to *x*+1	q_x	l_x	d_x	L_x	T_x	$\overset{o}{e}_x$
0–1	.00719	100,000	719	99,471	7,770,315	77.70
1–2	.00073	99,281	72	99,245	7,670,844	77.26
2–3	.00048	99,209	48	99,184	7,571,599	76.32
3–4	.00037	99,161	37	99,142	7,472,415	75.36
4–5	.00030	99,124	30	99,109	7,373,273	74.38
5–6	.00026	99,094	26	99,082	7,274,164	73.41
6–7	.00023	99,068	22	99,057	7,175,082	72.43
7–8	.00021	99,046	20	99,035	7,076,025	71.44
8–9	.00019	99,026	19	99,017	6,976,990	70.46
9–10	.00017	99,007	16	98,999	6,877,973	69.47
10–11	.00016	98,991	16	98,982	6,778,974	68.48
11–12	.00016	98,975	16	98,968	6,679,992	67.49
12–13	.00019	98,959	18	98,950	6,581,024	66.50
13–14	.00026	98,941	26	98,928	6,482,074	65.51
14–15	.00035	98,915	35	98,897	6,383,146	64.53
15–16	.00047	98,880	46	98,857	6,284,249	63.55
16–17	.00060	98,834	60	98,804	6,185,392	62.58
17–18	.00070	98,774	69	98,740	6,086,588	61.62
18–19	.00076	98,705	75	98,668	5,987,848	60.66
19–20	.00078	98,630	76	98,592	5,889,180	59.71
20–21	.00079	98,554	79	98,515	5,790,588	58.76
21–22	.00082	98,475	80	98,435	5,692,073	57.80
22–23	.00083	98,395	82	98,354	5,593,638	56.85
23–24	.00084	98,313	83	98,272	5,495,284	55.90
24–25	.00085	98,230	83	98,189	5,397,012	54.94
25–26	.00085	98,147	84	98,104	5,298,823	53.99
26–27	.00086	98,063	84	98,021	5,200,719	53.03
27–28	.00088	97,979	87	97,936	5,102,698	52.08
28–29	.00093	97,892	90	97,847	5,004,762	51.13
29–30	.00099	97,802	97	97,753	4,906,915	50.17
30–31	.00106	97,705	104	97,653	4,809,162	49.22
31–32	.00112	97,601	110	97,546	4,711,509	48.27
32–33	.00119	97,491	115	97,434	4,613,963	47.33
33–34	.00125	97,376	122	97,315	4,516,529	46.38
34–35	.00131	97,254	127	97,190	4,419,214	45.44
35–36	.00137	97,127	133	97,060	4,322,024	44.50
36–37	.00144	96,994	140	96,924	4,224,964	43.56
37–38	.00151	96,854	147	96,780	4,128,040	42.62
38–39	.00158	96,707	153	96,630	4,031,260	41.69
39–40	.00166	96,554	160	96,474	3,934,630	40.75
40–41	.00173	96,394	167	96,311	3,838,156	39.82
41–42	.00182	96,227	176	96,139	3,741,845	38.89
42–43	.00193	96,051	185	95,958	3,645,706	37.96
43–44	.00204	95,866	195	95,769	3,549,748	37.03
44–45	.00217	95,671	207	95,567	3,453,979	36.10
45–46	.00232	95,464	222	95,353	3,358,412	35.18
46–47	.00251	95,242	239	95,122	3,263,059	34.26
47–48	.00271	95,003	257	94,875	3,167,937	33.35
48–49	.00293	94,746	278	94,606	3,073,062	32.43
49–50	.00317	94,468	300	94,318	2,978,456	31.53
50–51	.00345	94,168	325	94,006	2,884,138	30.63
51–52	.00378	93,843	354	93,666	2,790,132	29.73
52–53	.00416	93,489	389	93,295	2,696,466	28.84
53–54	.00460	93,100	428	92,886	2,603,171	27.96
54–55	.00511	92,672	473	92,435	2,510,285	27.09

Table 1. Life table for the total population: Utah, 1989–91—Con.

Age in years	Proportion dying	Of 100,000 born alive		Stationary population		Average remaining lifetime
Period of life between two exact ages stated (1)	Proportion of persons alive at beginning of year of age dying during year (2)	Number living at beginning of year of age (3)	Number dying during year of age (4)	In year of age (5)	In this year of age and all subsequent years (6)	Average number of years of life remaining at beginning of year of age (7)
x to x+1	q_x	l_x	d_x	L_x	T_x	$\overset{o}{e}_x$
55–56	.00565	92,199	522	91,938	2,417,850	26.22
56–57	.00624	91,677	572	91,392	2,325,912	25.37
57–58	.00690	91,105	629	90,790	2,234,520	24.53
58–59	.00763	90,476	690	90,131	2,143,730	23.69
59–60	.00842	89,786	756	89,409	2,053,599	22.87
60–61	.00925	89,030	823	88,618	1,964,190	22.06
61–62	.01012	88,207	893	87,761	1,875,572	21.26
62–63	.01101	87,314	961	86,833	1,787,811	20.48
63–64	.01191	86,353	1,028	85,839	1,700,978	19.70
64–65	.01287	85,325	1,099	84,776	1,615,139	18.93
65–66	.01386	84,226	1,167	83,643	1,530,363	18.17
66–67	.01494	83,059	1,241	82,439	1,446,720	17.42
67–68	.01626	81,818	1,330	81,153	1,364,281	16.67
68–69	.01791	80,488	1,442	79,767	1,283,128	15.94
69–70	.01990	79,046	1,572	78,260	1,203,361	15.22
70–71	.02211	77,474	1,714	76,617	1,125,101	14.52
71–72	.02450	75,760	1,856	74,832	1,048,484	13.84
72–73	.02715	73,904	2,006	72,901	973,652	13.17
73–74	.03004	71,898	2,160	70,818	900,751	12.53
74–75	.03318	69,738	2,314	68,581	829,933	11.90
75–76	.03664	67,424	2,470	66,189	761,352	11.29
76–77	.04042	64,954	2,626	63,641	695,163	10.70
77–78	.04443	62,328	2,769	60,944	631,522	10.13
78–79	.04865	59,559	2,897	58,110	570,578	9.58
79–80	.05314	56,662	3,011	55,156	512,468	9.04
80–81	.05800	53,651	3,112	52,095	457,312	8.52
81–82	.06343	50,539	3,206	48,936	405,217	8.02
82–83	.06966	47,333	3,297	45,685	356,281	7.53
83–84	.07703	44,036	3,392	42,340	310,596	7.05
84–85	.08572	40,644	3,484	38,902	268,256	6.60
85–86	.09648	37,160	3,585	35,367	229,354	6.17
86–87	.10836	33,575	3,638	31,756	193,987	5.78
87–88	.12021	29,937	3,599	28,137	162,231	5.42
88–89	.13113	26,338	3,454	24,611	134,094	5.09
89–90	.14153	22,884	3,239	21,265	109,483	4.78
90–91	.15293	19,645	3,004	18,143	88,218	4.49
91–92	.16629	16,641	2,767	15,258	70,075	4.21
92–93	.18063	13,874	2,506	12,621	54,817	3.95
93–94	.19550	11,368	2,223	10,256	42,196	3.71
94–95	.21040	9,145	1,924	8,183	31,940	3.49
95–96	.22502	7,221	1,625	6,409	23,757	3.29
96–97	.24126	5,596	1,350	4,921	17,348	3.10
97–98	.25689	4,246	1,091	3,701	12,427	2.93
98–99	.27175	3,155	857	2,726	8,726	2.77
99–100	.28751	2,298	661	1,968	6,000	2.61
100–101	.30418	1,637	498	1,388	4,032	2.46
101–102	.32182	1,139	366	956	2,644	2.32
102–103	.34049	773	263	641	1,688	2.19
103–104	.36024	510	184	418	1,047	2.05
104–105	.38113	326	124	264	629	1.93
105–106	.40324	202	82	161	365	1.81
106–107	.42663	120	51	94	204	1.70
107–108	.45137	69	31	54	110	1.59
108–109	.47755	38	18	29	56	1.49
109–110	.50525	20	10	14	27	1.39

Table 2. Life table for males: Utah, 1989–91

Age in years	*Proportion dying*	*Of 100,000 born alive*		*Stationary population*		*Average remaining lifetime*
Period of life between two exact ages stated (1)	*Proportion of persons alive at beginning of year of age dying during year (2)*	*Number living at beginning of year of age (3)*	*Number dying during year of age (4)*	*In year of age (5)*	*In this year of age and all subsequent years (6)*	*Average number of years of life remaining at beginning of year of age (7)*
x to *x*+1	q_x	l_x	d_x	L_x	T_x	$\overset{o}{e}_x$
0–1	.00782	100,000	782	99,431	7,492,701	74.93
1–2	.00076	99,218	76	99,180	7,393,270	74.52
2–3	.00054	99,142	53	99,115	7,294,090	73.57
3–4	.00041	99,089	41	99,068	7,194,975	72.61
4–5	.00034	99,048	34	99,031	7,095,907	71.64
5–6	.00027	99,014	27	99,001	6,996,876	70.67
6–7	.00024	98,987	24	98,975	6,897,875	69.68
7–8	.00022	98,963	22	98,952	6,798,900	68.70
8–9	.00020	98,941	20	98,931	6,699,948	67.72
9–10	.00018	98,921	17	98,913	6,601,017	66.73
10–11	.00017	98,904	17	98,895	6,502,104	65.74
11–12	.00017	98,887	17	98,879	6,403,209	64.75
12–13	.00022	98,870	22	98,859	6,304,330	63.76
13–14	.00033	98,848	33	98,831	6,205,471	62.78
14–15	.00048	98,815	47	98,792	6,106,640	61.80
15–16	.00067	98,768	66	98,735	6,007,848	60.83
16–17	.00086	98,702	85	98,660	5,909,113	59.87
17–18	.00103	98,617	101	98,566	5,810,453	58.92
18–19	.00112	98,516	111	98,460	5,711,887	57.98
19–20	.00115	98,405	113	98,349	5,613,427	57.04
20–21	.00116	98,292	114	98,235	5,515,078	56.11
21–22	.00119	98,178	116	98,120	5,416,843	55.17
22–23	.00121	98,062	119	98,003	5,318,723	54.24
23–24	.00122	97,943	119	97,883	5,220,720	53.30
24–25	.00124	97,824	121	97,763	5,122,837	52.37
25–26	.00124	97,703	121	97,643	5,025,074	51.43
26–27	.00124	97,582	122	97,521	4,927,431	50.50
27–28	.00126	97,460	123	97,399	4,829,910	49.56
28–29	.00131	97,337	127	97,273	4,732,511	48.62
29–30	.00138	97,210	134	97,143	4,635,238	47.68
30–31	.00145	97,076	141	97,006	4,538,095	46.75
31–32	.00152	96,935	147	96,862	4,441,089	45.81
32–33	.00159	96,788	153	96,712	4,344,227	44.88
33–34	.00166	96,635	161	96,554	4,247,515	43.95
34–35	.00174	96,474	168	96,390	4,150,961	43.03
35–36	.00183	96,306	176	96,217	4,054,571	42.10
36–37	.00192	96,130	185	96,038	3,958,354	41.18
37–38	.00201	95,945	193	95,849	3,862,316	40.26
38–39	.00210	95,752	201	95,651	3,766,467	39.34
39–40	.00218	95,551	208	95,448	3,670,816	38.42
40–41	.00228	95,343	218	95,233	3,575,368	37.50
41–42	.00240	95,125	228	95,011	3,480,135	36.58
42–43	.00251	94,897	238	94,779	3,385,124	35.67
43–44	.00262	94,659	248	94,535	3,290,345	34.76
44–45	.00273	94,411	258	94,282	3,195,810	33.85
45–46	.00287	94,153	270	94,018	3,101,528	32.94
46–47	.00304	93,883	285	93,741	3,007,510	32.03
47–48	.00325	93,598	305	93,445	2,913,769	31.13
48–49	.00352	93,293	328	93,129	2,820,324	30.23
49–50	.00383	92,965	356	92,788	2,727,195	29.34
50–51	.00420	92,609	389	92,414	2,634,407	28.45
51–52	.00463	92,220	427	92,007	2,541,993	27.56
52–53	.00511	91,793	469	91,559	2,449,986	26.69
53–54	.00565	91,324	516	91,066	2,358,427	25.82
54–55	.00625	90,808	567	90,524	2,267,361	24.97

Table

Table 2. Life table for males: Utah, 1989–91—Con.

Age in years	Proportion dying	Of 100,000 born alive		Stationary population		Average remaining lifetime
Period of life between two exact ages stated (1)	Proportion of persons alive at beginning of year of age dying during year (2)	Number living at beginning of year of age (3)	Number dying during year of age (4)	In year of age (5)	In this year of age and all subsequent years (6)	Average number of years of life remaining at beginning of year of age (7)
x to x+1	q_x	l_x	d_x	L_x	T_x	$\overset{o}{e}_x$
55–56	.00690	90,241	623	89,930	2,176,837	24.12
56–57	.00761	89,618	682	89,277	2,086,907	23.29
57–58	.00841	88,936	748	88,562	1,997,630	22.46
58–59	.00932	88,188	822	87,778	1,909,068	21.65
59–60	.01032	87,366	901	86,915	1,821,290	20.85
60–61	.01139	86,465	985	85,972	1,734,375	20.06
61–62	.01249	85,480	1,068	84,947	1,648,403	19.28
62–63	.01361	84,412	1,149	83,837	1,563,456	18.52
63–64	.01476	83,263	1,229	82,649	1,479,619	17.77
64–65	.01597	82,034	1,309	81,380	1,396,970	17.03
65–66	.01720	80,725	1,389	80,030	1,315,590	16.30
66–67	.01857	79,336	1,473	78,599	1,235,560	15.57
67–68	.02028	77,863	1,579	77,074	1,156,961	14.86
68–69	.02249	76,284	1,716	75,425	1,079,887	14.16
69–70	.02519	74,568	1,878	73,629	1,004,462	13.47
70–71	.02822	72,690	2,052	71,664	930,833	12.81
71–72	.03147	70,638	2,222	69,527	859,169	12.16
72–73	.03503	68,416	2,397	67,218	789,642	11.54
73–74	.03888	66,019	2,566	64,736	722,424	10.94
74–75	.04302	63,453	2,730	62,087	657,688	10.37
75–76	.04764	60,723	2,893	59,277	595,601	9.81
76–77	.05274	57,830	3,050	56,304	536,324	9.27
77–78	.05815	54,780	3,186	53,187	480,020	8.76
78–79	.06377	51,594	3,290	49,950	426,833	8.27
79–80	.06973	48,304	3,368	46,620	376,883	7.80
80–81	.07642	44,936	3,434	43,219	330,263	7.35
81–82	.08401	41,502	3,487	39,758	287,044	6.92
82–83	.09215	38,015	3,503	36,264	247,286	6.50
83–84	.10058	34,512	3,471	32,777	211,022	6.11
84–85	.10932	31,041	3,393	29,344	178,245	5.74
85–86	.11995	27,648	3,317	25,990	148,901	5.39
86–87	.13189	24,331	3,209	22,727	122,911	5.05
87–88	.14406	21,122	3,043	19,600	100,184	4.74
88–89	.15599	18,079	2,820	16,670	80,584	4.46
89–90	.16798	15,259	2,563	13,977	63,914	4.19
90–91	.18088	12,696	2,296	11,548	49,937	3.93
91–92	.19555	10,400	2,034	9,383	38,389	3.69
92–93	.21163	8,366	1,771	7,481	29,006	3.47
93–94	.22849	6,595	1,507	5,842	21,525	3.26
94–95	.24485	5,088	1,245	4,465	15,683	3.08
95–96	.26004	3,843	1,000	3,343	11,218	2.92
96–97	.27536	2,843	783	2,452	7,875	2.77
97–98	.28943	2,060	596	1,762	5,423	2.63
98–99	.30390	1,464	445	1,242	3,661	2.50
99–100	.31910	1,019	325	856	2,419	2.37
100–101	.33505	694	233	578	1,563	2.25
101–102	.35181	461	162	380	985	2.13
102–103	.36940	299	110	244	605	2.02
103–104	.38787	189	74	152	361	1.91
104–105	.40726	115	47	92	209	1.81
105–106	.42762	68	29	54	117	1.71
106–107	.44900	39	17	30	63	1.61
107–108	.47145	22	11	17	33	1.52
108–109	.49503	11	5	8	16	1.43
109–110	.51978	6	3	4	8	1.35

Table 3. Life table for females: Utah, 1989–91

Age in years	*Proportion dying*	*Of 100,000 born alive*		*Stationary population*		*Average remaining lifetime*
Period of life between two exact ages stated (1)	*Proportion of persons alive at beginning of year of age dying during year (2)*	*Number living at beginning of year of age (3)*	*Number dying during year of age (4)*	*In year of age (5)*	*In this year of age and all subsequent years (6)*	*Average number of years of life remaining at beginning of year of age (7)*
x to *x*+1	q_x	l_x	d_x	L_x	T_x	$\overset{o}{e}_x$
0–1	.00653	100,000	653	99,512	8,037,620	80.38
1–2	.00069	99,347	68	99,313	7,938,108	79.90
2–3	.00042	99,279	42	99,258	7,838,795	78.96
3–4	.00033	99,237	33	99,221	7,739,537	77.99
4–5	.00027	99,204	26	99,191	7,640,316	77.02
5–6	.00024	99,178	24	99,166	7,541,125	76.04
6–7	.00021	99,154	21	99,144	7,441,959	75.05
7–8	.00019	99,133	18	99,124	7,342,815	74.07
8–9	.00017	99,115	17	99,106	7,243,691	73.08
9–10	.00016	99,098	16	99,090	7,144,585	72.10
10–11	.00014	99,082	14	99,076	7,045,495	71.11
11–12	.00014	99,068	14	99,061	6,946,419	70.12
12–13	.00015	99,054	15	99,046	6,847,358	69.13
13–14	.00018	99,039	18	99,030	6,748,312	68.14
14–15	.00022	99,021	22	99,009	6,649,282	67.15
15–16	.00028	98,999	28	98,985	6,550,273	66.17
16–17	.00033	98,971	32	98,955	6,451,288	65.18
17–18	.00037	98,939	37	98,921	6,352,333	64.20
18–19	.00040	98,902	40	98,881	6,253,412	63.23
19–20	.00042	98,862	41	98,842	6,154,531	62.25
20–21	.00043	98,821	43	98,799	6,055,689	61.28
21–22	.00045	98,778	44	98,757	5,956,890	60.31
22–23	.00046	98,734	45	98,712	5,858,133	59.33
23–24	.00046	98,689	46	98,666	5,759,421	58.36
24–25	.00047	98,643	46	98,620	5,660,755	57.39
25–26	.00046	98,597	46	98,574	5,562,135	56.41
26–27	.00047	98,551	46	98,529	5,463,561	55.44
27–28	.00049	98,505	48	98,481	5,365,032	54.46
28–29	.00053	98,457	52	98,431	5,266,551	53.49
29–30	.00060	98,405	59	98,376	5,168,120	52.52
30–31	.00067	98,346	66	98,313	5,069,744	51.55
31–32	.00073	98,280	72	98,244	4,971,431	50.58
32–33	.00079	98,208	77	98,169	4,873,187	49.62
33–34	.00083	98,131	82	98,090	4,775,018	48.66
34–35	.00087	98,049	86	98,006	4,676,928	47.70
35–36	.00092	97,963	89	97,918	4,578,922	46.74
36–37	.00096	97,874	95	97,827	4,481,004	45.78
37–38	.00101	97,779	99	97,729	4,383,177	44.83
38–39	.00107	97,680	104	97,628	4,285,448	43.87
39–40	.00112	97,576	110	97,521	4,187,820	42.92
40–41	.00118	97,466	115	97,409	4,090,299	41.97
41–42	.00125	97,351	122	97,290	3,992,890	41.02
42–43	.00134	97,229	130	97,164	3,895,600	40.07
43–44	.00146	97,099	142	97,028	3,798,436	39.12
44–45	.00161	96,957	156	96,880	3,701,408	38.18
45–46	.00178	96,801	172	96,715	3,604,528	37.24
46–47	.00198	96,629	192	96,533	3,507,813	36.30
47–48	.00218	96,437	210	96,332	3,411,280	35.37
48–49	.00236	96,227	227	96,114	3,314,948	34.45
49–50	.00253	96,000	243	95,878	3,218,834	33.53
50–51	.00272	95,757	260	95,627	3,122,956	32.61
51–52	.00295	95,497	282	95,356	3,027,329	31.70
52–53	.00324	95,215	308	95,061	2,931,973	30.79
53–54	.00359	94,907	341	94,736	2,836,912	29.89
54–55	.00401	94,566	379	94,377	2,742,176	29.00

Table 3. Life table for females: Utah, 1989–91—Con.

Age in years	Proportion dying	Of 100,000 born alive		Stationary population		Average remaining lifetime
Period of life between two exact ages stated (1)	Proportion of persons alive at beginning of year of age dying during year (2)	Number living at beginning of year of age (3)	Number dying during year of age (4)	In year of age (5)	In this year of age and all subsequent years (6)	Average number of years of life remaining at beginning of year of age (7)
x to x+1	q_x	l_x	d_x	L_x	T_x	$\overset{o}{e}_x$
55–56	.00446	94,187	420	93,977	2,647,799	28.11
56–57	.00494	93,767	464	93,535	2,553,822	27.24
57–58	.00547	93,303	510	93,048	2,460,287	26.37
58–59	.00603	92,793	559	92,514	2,367,239	25.51
59–60	.00663	92,234	611	91,928	2,274,725	24.66
60–61	.00725	91,623	665	91,290	2,182,797	23.82
61–62	.00791	90,958	720	90,599	2,091,507	22.99
62–63	.00859	90,238	775	89,850	2,000,908	22.17
63–64	.00931	89,463	833	89,046	1,911,058	21.36
64–65	.01006	88,630	892	88,185	1,822,012	20.56
65–66	.01085	87,738	952	87,262	1,733,827	19.76
66–67	.01172	86,786	1,017	86,278	1,646,565	18.97
67–68	.01272	85,769	1,091	85,223	1,560,287	18.19
68–69	.01393	84,678	1,180	84,088	1,475,064	17.42
69–70	.01535	83,498	1,282	82,857	1,390,976	16.66
70–71	.01693	82,216	1,392	81,520	1,308,119	15.91
71–72	.01867	80,824	1,509	80,070	1,226,599	15.18
72–73	.02066	79,315	1,639	78,495	1,146,529	14.46
73–74	.02291	77,676	1,779	76,787	1,068,034	13.75
74–75	.02541	75,897	1,929	74,932	991,247	13.06
75–76	.02817	73,968	2,084	72,926	916,315	12.39
76–77	.03119	71,884	2,242	70,764	843,389	11.73
77–78	.03446	69,642	2,400	68,442	772,625	11.09
78–79	.03800	67,242	2,555	65,964	704,183	10.47
79–80	.04186	64,687	2,708	63,334	638,219	9.87
80–81	.04596	61,979	2,848	60,555	574,885	9.28
81–82	.05054	59,131	2,989	57,636	514,330	8.70
82–83	.05612	56,142	3,151	54,567	456,694	8.13
83–84	.06328	52,991	3,353	51,315	402,127	7.59
84–85	.07222	49,638	3,585	47,846	350,812	7.07
85–86	.08356	46,053	3,848	44,129	302,966	6.58
86–87	.09601	42,205	4,052	40,179	258,837	6.13
87–88	.10839	38,153	4,135	36,085	218,658	5.73
88–89	.11960	34,018	4,069	31,984	182,573	5.37
89–90	.13009	29,949	3,896	28,001	150,589	5.03
90–91	.14177	26,053	3,694	24,206	122,588	4.71
91–92	.15558	22,359	3,478	20,620	98,382	4.40
92–93	.17017	18,881	3,213	17,274	77,762	4.12
93–94	.18505	15,668	2,900	14,218	60,488	3.86
94–95	.19997	12,768	2,553	11,491	46,270	3.62
95–96	.21475	10,215	2,194	9,119	34,779	3.40
96–97	.23143	8,021	1,856	7,093	25,660	3.20
97–98	.24775	6,165	1,527	5,401	18,567	3.01
98–99	.26375	4,638	1,224	4,026	13,166	2.84
99–100	.27957	3,414	954	2,937	9,140	2.68
100–101	.29635	2,460	729	2,095	6,203	2.52
101–102	.31413	1,731	544	1,459	4,108	2.37
102–103	.33298	1,187	395	990	2,649	2.23
103–104	.35296	792	280	652	1,659	2.10
104–105	.37413	512	191	417	1,007	1.97
105–106	.39658	321	128	257	590	1.84
106–107	.42038	193	81	152	333	1.72
107–108	.44560	112	50	88	181	1.61
108–109	.47233	62	29	47	93	1.50
109–110	.50068	33	17	25	46	1.40

Table 4. Life table for the white population: Utah, 1989–91

Age in years	*Proportion dying*	*Of 100,000 born alive*		*Stationary population*		*Average remaining lifetime*
Period of life between two exact ages stated (1)	*Proportion of persons alive at beginning of year of age dying during year (2)*	*Number living at beginning of year of age (3)*	*Number dying during year of age (4)*	*In year of age (5)*	*In this year of age and all subsequent years (6)*	*Average number of years of life remaining at beginning of year of age (7)*
x to *x*+1	q_x	l_x	d_x	L_x	T_x	$\overset{o}{e}_x$
0–1	.00693	100,000	693	99,489	7,777,063	77.77
1–2	.00067	99,307	67	99,273	7,677,574	77.31
2–3	.00045	99,240	45	99,218	7,578,301	76.36
3–4	.00035	99,195	35	99,177	7,479,083	75.40
4–5	.00029	99,160	29	99,146	7,379,906	74.42
5–6	.00025	99,131	25	99,119	7,280,760	73.45
6–7	.00022	99,106	22	99,095	7,181,641	72.46
7–8	.00021	99,084	20	99,074	7,082,546	71.48
8–9	.00019	99,064	19	99,055	6,983,472	70.49
9–10	.00017	99,045	17	99,036	6,884,417	69.51
10–11	.00016	99,028	16	99,020	6,785,381	68.52
11–12	.00016	99,012	16	99,005	6,686,361	67.53
12–13	.00019	98,996	19	98,986	6,587,356	66.54
13–14	.00026	98,977	25	98,964	6,488,370	65.55
14–15	.00035	98,952	35	98,935	6,389,406	64.57
15–16	.00046	98,917	45	98,894	6,290,471	63.59
16–17	.00058	98,872	57	98,843	6,191,577	62.62
17–18	.00068	98,815	67	98,781	6,092,734	61.66
18–19	.00073	98,748	73	98,712	5,993,953	60.70
19–20	.00075	98,675	74	98,638	5,895,241	59.74
20–21	.00077	98,601	76	98,563	5,796,603	58.79
21–22	.00079	98,525	77	98,487	5,698,040	57.83
22–23	.00080	98,448	79	98,408	5,599,553	56.88
23–24	.00082	98,369	80	98,329	5,501,145	55.92
24–25	.00083	98,289	82	98,248	5,402,816	54.97
25–26	.00083	98,207	82	98,166	5,304,568	54.01
26–27	.00084	98,125	82	98,084	5,206,402	53.06
27–28	.00086	98,043	85	98,001	5,108,318	52.10
28–29	.00091	97,958	89	97,913	5,010,317	51.15
29–30	.00097	97,869	95	97,822	4,912,404	50.19
30–31	.00103	97,774	101	97,723	4,814,582	49.24
31–32	.00109	97,673	106	97,621	4,716,859	48.29
32–33	.00115	97,567	113	97,510	4,619,238	47.34
33–34	.00121	97,454	117	97,396	4,521,728	46.40
34–35	.00127	97,337	124	97,274	4,424,332	45.45
35–36	.00133	97,213	130	97,149	4,327,058	44.51
36–37	.00140	97,083	136	97,015	4,229,909	43.57
37–38	.00148	96,947	143	96,875	4,132,894	42.63
38–39	.00155	96,804	150	96,729	4,036,019	41.69
39–40	.00162	96,654	156	96,576	3,939,290	40.76
40–41	.00170	96,498	164	96,416	3,842,714	39.82
41–42	.00179	96,334	173	96,248	3,746,298	38.89
42–43	.00189	96,161	181	96,070	3,650,050	37.96
43–44	.00200	95,980	193	95,884	3,553,980	37.03
44–45	.00213	95,787	204	95,685	3,458,096	36.10
45–46	.00228	95,583	218	95,474	3,362,411	35.18
46–47	.00246	95,365	235	95,248	3,266,937	34.26
47–48	.00266	95,130	253	95,004	3,171,689	33.34
48–49	.00288	94,877	273	94,741	3,076,685	32.43
49–50	.00312	94,604	296	94,456	2,981,944	31.52
50–51	.00340	94,308	321	94,147	2,887,488	30.62
51–52	.00373	93,987	350	93,812	2,793,341	29.72
52–53	.00412	93,637	386	93,444	2,699,529	28.83
53–54	.00456	93,251	426	93,038	2,606,085	27.95
54–55	.00507	92,825	470	92,590	2,513,047	27.07

Table 4. Life table for the white population: Utah, 1989–91—Con.

Age in years	Proportion dying	Of 100,000 born alive		Stationary population		Average remaining lifetime
Period of life between two exact ages stated (1)	Proportion of persons alive at beginning of year of age dying during year (2)	Number living at beginning of year of age (3)	Number dying during year of age (4)	In year of age (5)	In this year of age and all subsequent years (6)	Average number of years of life remaining at beginning of year of age (7)
x to x+1	q_x	l_x	d_x	L_x	T_x	$\overset{o}{e}_x$
55–56	.00561	92,355	519	92,096	2,420,457	26.21
56–57	.00620	91,836	569	91,551	2,328,361	25.35
57–58	.00686	91,267	627	90,954	2,236,810	24.51
58–59	.00760	90,640	689	90,296	2,145,856	23.67
59–60	.00840	89,951	755	89,573	2,055,560	22.85
60–61	.00924	89,196	824	88,784	1,965,987	22.04
61–62	.01012	88,372	895	87,925	1,877,203	21.24
62–63	.01102	87,477	964	86,995	1,789,278	20.45
63–64	.01193	86,513	1,032	85,998	1,702,283	19.68
64–65	.01288	85,481	1,101	84,930	1,616,285	18.91
65–66	.01386	84,380	1,170	83,796	1,531,355	18.15
66–67	.01495	83,210	1,243	82,588	1,447,559	17.40
67–68	.01627	81,967	1,334	81,300	1,364,971	16.65
68–69	.01795	80,633	1,447	79,909	1,283,671	15.92
69–70	.01996	79,186	1,581	78,396	1,203,762	15.20
70–71	.02220	77,605	1,723	76,744	1,125,366	14.50
71–72	.02462	75,882	1,868	74,948	1,048,622	13.82
72–73	.02727	74,014	2,018	73,005	973,674	13.16
73–74	.03017	71,996	2,172	70,910	900,669	12.51
74–75	.03329	69,824	2,325	68,661	829,759	11.88
75–76	.03672	67,499	2,478	66,260	761,098	11.28
76–77	.04048	65,021	2,632	63,705	694,838	10.69
77–78	.04447	62,389	2,775	61,001	631,133	10.12
78–79	.04866	59,614	2,901	58,164	570,132	9.56
79–80	.05315	56,713	3,014	55,206	511,968	9.03
80–81	.05801	53,699	3,115	52,142	456,762	8.51
81–82	.06343	50,584	3,209	48,979	404,620	8.00
82–83	.06968	47,375	3,301	45,724	355,641	7.51
83–84	.07707	44,074	3,397	42,376	309,917	7.03
84–85	.08579	40,677	3,489	38,933	267,541	6.58
85–86	.09660	37,188	3,593	35,391	228,608	6.15
86–87	.10857	33,595	3,647	31,772	193,217	5.75
87–88	.12053	29,948	3,610	28,143	161,445	5.39
88–89	.13157	26,338	3,465	24,606	133,302	5.06
89–90	.14206	22,873	3,249	21,248	108,696	4.75
90–91	.15365	19,624	3,015	18,117	87,448	4.46
91–92	.16734	16,609	2,780	15,219	69,331	4.17
92–93	.18211	13,829	2,518	12,570	54,112	3.91
93–94	.19741	11,311	2,233	10,194	41,542	3.67
94–95	.21269	9,078	1,931	8,113	31,348	3.45
95–96	.22760	7,147	1,626	6,334	23,235	3.25
96–97	.24414	5,521	1,348	4,846	16,901	3.06
97–98	.26009	4,173	1,086	3,630	12,055	2.89
98–99	.27538	3,087	850	2,663	8,425	2.73
99–100	.29135	2,237	652	1,911	5,762	2.58
100–101	.30824	1,585	488	1,341	3,851	2.43
101–102	.32612	1,097	358	918	2,510	2.29
102–103	.34504	739	255	612	1,592	2.15
103–104	.36505	484	177	395	980	2.03
104–105	.38622	307	118	248	585	1.90
105–106	.40862	189	77	150	337	1.78
106–107	.43232	112	49	88	187	1.67
107–108	.45740	63	29	49	99	1.56
108–109	.48393	34	16	26	50	1.46
109–110	.51200	18	9	13	24	1.36

Table 5. Life table for white males: Utah, 1989–91

Age in years	*Proportion dying*	*Of 100,000 born alive*		*Stationary population*		*Average remaining lifetime*
Period of life between two exact ages stated (1)	*Proportion of persons alive at beginning of year of age dying during year (2)*	*Number living at beginning of year of age (3)*	*Number dying during year of age (4)*	*In year of age (5)*	*In this year of age and all subsequent years (6)*	*Average number of years of life remaining at beginning of year of age (7)*
x to *x*+1	q_x	l_x	d_x	L_x	T_x	$\overset{o}{e}_x$
0–1	.00768	100,000	768	99,440	7,499,508	75.00
1–2	.00070	99,232	70	99,197	7,400,068	74.57
2–3	.00051	99,162	51	99,136	7,300,871	73.63
3–4	.00039	99,111	39	99,091	7,201,735	72.66
4–5	.00033	99,072	33	99,056	7,102,644	71.69
5–6	.00027	99,039	26	99,026	7,003,588	70.72
6–7	.00024	99,013	24	99,001	6,904,562	69.73
7–8	.00022	98,989	21	98,978	6,805,561	68.75
8–9	.00020	98,968	20	98,958	6,706,583	67.77
9–10	.00018	98,948	18	98,939	6,607,625	66.78
10–11	.00017	98,930	18	98,921	6,508,686	65.79
11–12	.00018	98,912	18	98,903	6,409,765	64.80
12–13	.00023	98,894	22	98,883	6,310,862	63.81
13–14	.00033	98,872	33	98,855	6,211,979	62.83
14–15	.00047	98,839	46	98,816	6,113,124	61.85
15–16	.00065	98,793	65	98,761	6,014,308	60.88
16–17	.00085	98,728	84	98,686	5,915,547	59.92
17–18	.00100	98,644	99	98,595	5,816,861	58.97
18–19	.00109	98,545	107	98,491	5,718,266	58.03
19–20	.00112	98,438	111	98,382	5,619,775	57.09
20–21	.00113	98,327	111	98,272	5,521,393	56.15
21–22	.00116	98,216	114	98,159	5,423,121	55.22
22–23	.00118	98,102	115	98,044	5,324,962	54.28
23–24	.00119	97,987	117	97,928	5,226,918	53.34
24–25	.00121	97,870	118	97,811	5,128,990	52.41
25–26	.00121	97,752	119	97,693	5,031,179	51.47
26–27	.00121	97,633	118	97,574	4,933,486	50.53
27–28	.00123	97,515	121	97,454	4,835,912	49.59
28–29	.00128	97,394	124	97,333	4,738,458	48.65
29–30	.00133	97,270	130	97,205	4,641,125	47.71
30–31	.00140	97,140	135	97,072	4,543,920	46.78
31–32	.00146	97,005	142	96,934	4,446,848	45.84
32–33	.00152	96,863	147	96,790	4,349,914	44.91
33–34	.00160	96,716	155	96,638	4,253,124	43.98
34–35	.00168	96,561	162	96,480	4,156,486	43.05
35–36	.00176	96,399	170	96,315	4,060,006	42.12
36–37	.00185	96,229	178	96,140	3,963,691	41.19
37–38	.00194	96,051	187	95,957	3,867,551	40.27
38–39	.00203	95,864	195	95,767	3,771,594	39.34
39–40	.00212	95,669	203	95,568	3,675,827	38.42
40–41	.00222	95,466	212	95,360	3,580,259	37.50
41–42	.00234	95,254	222	95,144	3,484,899	36.59
42–43	.00245	95,032	233	94,915	3,389,755	35.67
43–44	.00256	94,799	242	94,678	3,294,840	34.76
44–45	.00267	94,557	252	94,431	3,200,162	33.84
45–46	.00279	94,305	264	94,174	3,105,731	32.93
46–47	.00296	94,041	278	93,902	3,011,557	32.02
47–48	.00317	93,763	297	93,614	2,917,655	31.12
48–49	.00344	93,466	322	93,305	2,824,041	30.21
49–50	.00377	93,144	351	92,969	2,730,736	29.32
50–51	.00415	92,793	385	92,601	2,637,767	28.43
51–52	.00459	92,408	424	92,196	2,545,166	27.54
52–53	.00509	91,984	469	91,749	2,452,970	26.67
53–54	.00563	91,515	515	91,258	2,361,221	25.80
54–55	.00622	91,000	566	90,717	2,269,963	24.94

Table 5. Life table for white males: Utah, 1989–91—Con.

Age in years	Proportion dying	Of 100,000 born alive		Stationary population		Average remaining lifetime
Period of life between two exact ages stated (1)	Proportion of persons alive at beginning of year of age dying during year (2)	Number living at beginning of year of age (3)	Number dying during year of age (4)	In year of age (5)	In this year of age and all subsequent years (6)	Average number of years of life remaining at beginning of year of age (7)
x to x+1	q_x	l_x	d_x	L_x	T_x	$\overset{o}{e}_x$
55–56	.00685	90,434	620	90,124	2,179,246	24.10
56–57	.00755	89,814	678	89,476	2,089,122	23.26
57–58	.00835	89,136	744	88,764	1,999,646	22.43
58–59	.00927	88,392	819	87,982	1,910,882	21.62
59–60	.01028	87,573	901	87,123	1,822,900	20.82
60–61	.01137	86,672	985	86,179	1,735,777	20.03
61–62	.01249	85,687	1,071	85,152	1,649,598	19.25
62–63	.01363	84,616	1,153	84,040	1,564,446	18.49
63–64	.01479	83,463	1,234	82,846	1,480,406	17.74
64–65	.01600	82,229	1,316	81,571	1,397,560	17.00
65–66	.01725	80,913	1,395	80,215	1,315,989	16.26
66–67	.01864	79,518	1,482	78,777	1,235,774	15.54
67–68	.02038	78,036	1,590	77,241	1,156,997	14.83
68–69	.02263	76,446	1,730	75,581	1,079,756	14.12
69–70	.02536	74,716	1,895	73,768	1,004,175	13.44
70–71	.02842	72,821	2,070	71,786	930,407	12.78
71–72	.03169	70,751	2,242	69,630	858,621	12.14
72–73	.03525	68,509	2,415	67,302	788,991	11.52
73–74	.03907	66,094	2,582	64,803	721,689	10.92
74–75	.04319	63,512	2,743	62,141	656,886	10.34
75–76	.04777	60,769	2,903	59,317	594,745	9.79
76–77	.05282	57,866	3,056	56,338	535,428	9.25
77–78	.05818	54,810	3,189	53,215	479,090	8.74
78–79	.06380	51,621	3,294	49,974	425,875	8.25
79–80	.06977	48,327	3,372	46,641	375,901	7.78
80–81	.07650	44,955	3,439	43,236	329,260	7.32
81–82	.08413	41,516	3,493	39,770	286,024	6.89
82–83	.09234	38,023	3,511	36,267	246,254	6.48
83–84	.10086	34,512	3,481	32,772	209,987	6.08
84–85	.10970	31,031	3,404	29,329	177,215	5.71
85–86	.12044	27,627	3,327	25,964	147,886	5.35
86–87	.13254	24,300	3,221	22,689	121,922	5.02
87–88	.14488	21,079	3,054	19,552	99,233	4.71
88–89	.15698	18,025	2,830	16,611	79,681	4.42
89–90	.16916	15,195	2,570	13,910	63,070	4.15
90–91	.18233	12,625	2,302	11,474	49,160	3.89
91–92	.19739	10,323	2,038	9,304	37,686	3.65
92–93	.21394	8,285	1,772	7,399	28,382	3.43
93–94	.23121	6,513	1,506	5,760	20,983	3.22
94–95	.24786	5,007	1,241	4,387	15,223	3.04
95–96	.26329	3,766	992	3,270	10,836	2.88
96–97	.27914	2,774	774	2,387	7,566	2.73
97–98	.29399	2,000	588	1,706	5,179	2.59
98–99	.30869	1,412	436	1,194	3,473	2.46
99–100	.32413	976	316	818	2,279	2.33
100–101	.34033	660	225	548	1,461	2.21
101–102	.35735	435	155	357	913	2.10
102–103	.37522	280	105	227	556	1.99
103–104	.39398	175	69	141	329	1.88
104–105	.41368	106	44	84	188	1.78
105–106	.43436	62	27	48	104	1.68
106–107	.45608	35	16	27	56	1.58
107–108	.47888	19	9	15	29	1.49
108–109	.50282	10	5	7	14	1.41
109–110	.52797	5	3	4	7	1.32

Table 6. Life table for white females: Utah, 1989–91

Age in years	*Proportion dying*	*Of 100,000 born alive*		*Stationary population*		*Average remaining lifetime*
Period of life between two exact ages stated (1)	*Proportion of persons alive at beginning of year of age dying during year (2)*	*Number living at beginning of year of age (3)*	*Number dying during year of age (4)*	*In year of age (5)*	*In this year of age and all subsequent years (6)*	*Average number of years of life remaining at beginning of year of age (7)*
x to *x*+1	q_x	l_x	d_x	L_x	T_x	$\overset{o}{e}_x$
0–1	.00614	100,000	614	99,542	8,043,711	80.44
1–2	.00064	99,386	63	99,355	7,944,169	79.93
2–3	.00039	99,323	39	99,303	7,844,814	78.98
3–4	.00031	99,284	30	99,269	7,745,511	78.01
4–5	.00025	99,254	25	99,241	7,646,242	77.04
5–6	.00023	99,229	24	99,217	7,547,001	76.06
6–7	.00021	99,205	20	99,195	7,447,784	75.07
7–8	.00019	99,185	19	99,175	7,348,589	74.09
8–9	.00017	99,166	18	99,157	7,249,414	73.10
9–10	.00016	99,148	15	99,141	7,150,257	72.12
10–11	.00015	99,133	15	99,125	7,051,116	71.13
11–12	.00015	99,118	14	99,111	6,951,991	70.14
12–13	.00015	99,104	16	99,096	6,852,880	69.15
13–14	.00018	99,088	17	99,079	6,753,784	68.16
14–15	.00022	99,071	22	99,060	6,654,705	67.17
15–16	.00026	99,049	26	99,036	6,555,645	66.19
16–17	.00031	99,023	31	99,008	6,456,609	65.20
17–18	.00035	98,992	35	98,975	6,357,601	64.22
18–19	.00038	98,957	37	98,938	6,258,626	63.25
19–20	.00039	98,920	39	98,900	6,159,688	62.27
20–21	.00040	98,881	40	98,861	6,060,788	61.29
21–22	.00042	98,841	42	98,820	5,961,927	60.32
22–23	.00043	98,799	43	98,778	5,863,107	59.34
23–24	.00044	98,756	43	98,734	5,764,329	58.37
24–25	.00045	98,713	45	98,691	5,665,595	57.39
25–26	.00045	98,668	45	98,645	5,566,904	56.42
26–27	.00046	98,623	45	98,601	5,468,259	55.45
27–28	.00049	98,578	48	98,553	5,369,658	54.47
28–29	.00053	98,530	53	98,504	5,271,105	53.50
29–30	.00060	98,477	59	98,447	5,172,601	52.53
30–31	.00066	98,418	65	98,386	5,074,154	51.56
31–32	.00073	98,353	72	98,317	4,975,768	50.59
32–33	.00078	98,281	76	98,243	4,877,451	49.63
33–34	.00082	98,205	81	98,164	4,779,208	48.67
34–35	.00086	98,124	85	98,082	4,681,044	47.71
35–36	.00090	98,039	89	97,994	4,582,962	46.75
36–37	.00095	97,950	93	97,904	4,484,968	45.79
37–38	.00100	97,857	98	97,808	4,387,064	44.83
38–39	.00105	97,759	103	97,708	4,289,256	43.88
39–40	.00111	97,656	108	97,602	4,191,548	42.92
40–41	.00117	97,548	115	97,490	4,093,946	41.97
41–42	.00124	97,433	121	97,373	3,996,456	41.02
42–43	.00133	97,312	130	97,247	3,899,083	40.07
43–44	.00145	97,182	141	97,112	3,801,836	39.12
44–45	.00160	97,041	155	96,963	3,704,724	38.18
45–46	.00177	96,886	172	96,801	3,607,761	37.24
46–47	.00197	96,714	190	96,619	3,510,960	36.30
47–48	.00216	96,524	209	96,419	3,414,341	35.37
48–49	.00234	96,315	225	96,202	3,317,922	34.45
49–50	.00250	96,090	240	95,970	3,221,720	33.53
50–51	.00267	95,850	257	95,721	3,125,750	32.61
51–52	.00290	95,593	277	95,455	3,030,029	31.70
52–53	.00318	95,316	302	95,165	2,934,574	30.79
53–54	.00354	95,014	336	94,846	2,839,409	29.88
54–55	.00396	94,678	375	94,490	2,744,563	28.99

Table 6. Life table for white females: Utah, 1989–91—Con.

Age in years	Proportion dying	Of 100,000 born alive		Stationary population		Average remaining lifetime
Period of life between two exact ages stated (1)	Proportion of persons alive at beginning of year of age dying during year (2)	Number living at beginning of year of age (3)	Number dying during year of age (4)	In year of age (5)	In this year of age and all subsequent years (6)	Average number of years of life remaining at beginning of year of age (7)
x to x+1	q_x	l_x	d_x	L_x	T_x	$\overset{o}{e}_x$
55–56	.00443	94,303	418	94,093	2,650,073	28.10
56–57	.00492	93,885	462	93,655	2,555,980	27.22
57–58	.00545	93,423	509	93,168	2,462,325	26.36
58–59	.00602	92,914	559	92,635	2,369,157	25.50
59–60	.00661	92,355	611	92,050	2,276,522	24.65
60–61	.00725	91,744	665	91,411	2,184,472	23.81
61–62	.00791	91,079	720	90,720	2,093,061	22.98
62–63	.00859	90,359	776	89,970	2,002,341	22.16
63–64	.00930	89,583	833	89,166	1,912,371	21.35
64–65	.01005	88,750	892	88,304	1,823,205	20.54
65–66	.01083	87,858	951	87,382	1,734,901	19.75
66–67	.01168	86,907	1,016	86,399	1,647,519	18.96
67–68	.01269	85,891	1,089	85,347	1,561,120	18.18
68–69	.01390	84,802	1,179	84,212	1,475,773	17.40
69–70	.01534	83,623	1,283	82,982	1,391,561	16.64
70–71	.01694	82,340	1,394	81,643	1,308,579	15.89
71–72	.01869	80,946	1,513	80,189	1,226,936	15.16
72–73	.02070	79,433	1,645	78,611	1,146,747	14.44
73–74	.02297	77,788	1,786	76,895	1,068,136	13.73
74–75	.02548	76,002	1,936	75,034	991,241	13.04
75–76	.02824	74,066	2,092	73,019	916,207	12.37
76–77	.03127	71,974	2,251	70,849	843,188	11.72
77–78	.03453	69,723	2,407	68,519	772,339	11.08
78–79	.03805	67,316	2,561	66,036	703,820	10.46
79–80	.04190	64,755	2,714	63,398	637,784	9.85
80–81	.04599	62,041	2,853	60,615	574,386	9.26
81–82	.05054	59,188	2,991	57,692	513,771	8.68
82–83	.05611	56,197	3,153	54,621	456,079	8.12
83–84	.06325	53,044	3,355	51,366	401,458	7.57
84–85	.07220	49,689	3,588	47,895	350,092	7.05
85–86	.08354	46,101	3,851	44,176	302,197	6.56
86–87	.09606	42,250	4,059	40,221	258,021	6.11
87–88	.10855	38,191	4,146	36,118	217,800	5.70
88–89	.11989	34,045	4,081	32,005	181,682	5.34
89–90	.13050	29,964	3,911	28,008	149,677	5.00
90–91	.14238	26,053	3,709	24,199	121,669	4.67
91–92	.15652	22,344	3,497	20,595	97,470	4.36
92–93	.17154	18,847	3,233	17,230	76,875	4.08
93–94	.18686	15,614	2,918	14,155	59,645	3.82
94–95	.20221	12,696	2,567	11,413	45,490	3.58
95–96	.21737	10,129	2,202	9,028	34,077	3.36
96–97	.23434	7,927	1,858	6,998	25,049	3.16
97–98	.25091	6,069	1,522	5,308	18,051	2.97
98–99	.26715	4,547	1,215	3,939	12,743	2.80
99–100	.28318	3,332	944	2,860	8,804	2.64
100–101	.30017	2,388	717	2,030	5,944	2.49
101–102	.31818	1,671	531	1,406	3,914	2.34
102–103	.33727	1,140	385	947	2,508	2.20
103–104	.35750	755	270	621	1,561	2.07
104–105	.37895	485	184	393	940	1.94
105–106	.40169	301	121	241	547	1.81
106–107	.42579	180	76	142	306	1.70
107–108	.45134	104	47	80	164	1.59
108–109	.47842	57	27	43	84	1.48
109–110	.50712	30	15	22	41	1.38

Table 7. Standard errors of the probability of dying: Utah, 1989–91

Exact age in years	Total			White			All other					
							Total			Black		
	Both sexes	Male	Female	Both sexes	Male	Female	Both sexes	Male	Female	Both sexes	Male	Female
0	.000257	.000374	.000352	.000259	.000380	.000350	*	*	*	*	*	*
1	.000082	.000118	.000115	.000081	.000116	.000114	*	*	*	*	*	*
2	.000069	.000102	.000092	.000069	.000102	.000091	*	*	*	*	*	*
3	.000060	.000089	.000081	.000060	.000089	.000080	*	*	*	*	*	*
4	.000054	.000080	.000073	.000054	.000080	.000073	*	*	*	*	*	*
5	.000049	.000071	.000068	.000049	.000071	.000068	*	*	*	*	*	*
6	.000046	.000066	.000063	.000046	.000067	.000064	*	*	*	*	*	*
7	.000043	.000063	.000059	.000044	.000064	.000061	*	*	*	*	*	*
8	.000041	.000059	.000056	.000042	.000061	.000058	*	*	*	*	*	*
9	.000039	.000056	.000053	.000040	.000057	.000055	*	*	*	*	*	*
10	.000037	.000053	.000051	.000038	.000055	.000053	*	*	*	*	*	*
11	.000038	.000055	.000051	.000039	.000057	.000053	*	*	*	*	*	*
12	.000041	.000063	.000053	.000042	.000065	.000054	*	*	*	*	*	*
13	.000049	.000077	.000059	.000050	.000078	.000059	*	*	*	*	*	*
14	.000058	.000095	.000066	.000059	.000096	.000066	*	*	*	*	*	*
15	.000069	.000116	.000075	.000070	.000117	.000075	*	*	*	*	*	*
16	.000079	.000135	.000084	.000080	.000137	.000083	*	*	*	*	*	*
17	.000088	.000151	.000091	.000089	.000153	.000090	*	*	*	*	*	*
18	.000093	.000160	.000095	.000094	.000163	.000095	*	*	*	*	*	*
19	.000095	.000163	.000098	.000096	.000166	.000097	*	*	*	*	*	*
20	.000097	.000166	.000100	.000097	.000168	.000100	*	*	*	*	*	*
21	.000099	.000169	.000103	.000100	.000172	.000103	*	*	*	*	*	*
22	.000100	.000171	.000105	.000101	.000174	.000105	*	*	*	*	*	*
23	.000101	.000173	.000106	.000103	.000176	.000107	*	*	*	*	*	*
24	.000102	.000173	.000107	.000103	.000176	.000108	*	*	*	*	*	*
25	.000102	.000173	.000107	.000104	.000176	.000109	*	*	*	*	*	*
26	.000102	.000173	.000107	.000104	.000176	.000110	*	*	*	*	*	*
27	.000103	.000174	.000110	.000105	.000177	.000113	*	*	*	*	*	*
28	.000106	.000177	.000114	.000108	.000180	.000117	*	*	*	*	*	*
29	.000109	.000181	.000121	.000111	.000184	.000124	*	*	*	*	*	*
30	.000113	.000186	.000127	.000114	.000187	.000129	*	*	*	*	*	*
31	.000116	.000190	.000132	.000117	.000191	.000135	*	*	*	*	*	*
32	.000119	.000195	.000137	.000120	.000196	.000140	*	*	*	*	*	*
33	.000123	.000201	.000142	.000124	.000202	.000145	*	*	*	*	*	*
34	.000127	.000208	.000147	.000128	.000209	.000150	*	*	*	*	*	*
35	.000132	.000215	.000153	.000133	.000216	.000155	*	*	*	*	*	*
36	.000137	.000223	.000159	.000138	.000224	.000161	*	*	*	*	*	*
37	.000143	.000232	.000166	.000144	.000233	.000168	*	*	*	*	*	*
38	.000148	.000241	.000173	.000150	.000242	.000175	*	*	*	*	*	*
39	.000155	.000251	.000180	.000156	.000252	.000183	*	*	*	*	*	*
40	.000162	.000262	.000189	.000163	.000263	.000192	*	*	*	*	*	*
41	.000169	.000274	.000199	.000171	.000276	.000202	*	*	*	*	*	*
42	.000178	.000288	.000211	.000180	.000289	.000214	*	*	*	*	*	*
43	.000188	.000302	.000225	.000190	.000304	.000229	*	*	*	*	*	*
44	.000200	.000317	.000243	.000201	.000319	.000246	*	*	*	*	*	*
45	.000213	.000335	.000263	.000215	.000337	.000267	*	*	*	*	*	*
46	.000228	.000356	.000285	.000229	.000357	.000289	*	*	*	*	*	*
47	.000244	.000380	.000307	.000245	.000381	.000311	*	*	*	*	*	*
48	.000260	.000405	.000328	.000262	.000407	.000331	*	*	*	*	*	*
49	.000277	.000433	.000347	.000279	.000436	.000350	*	*	*	*	*	*
50	.000295	.000463	.000367	.000297	.000468	.000370	*	*	*	*	*	*
51	.000315	.000496	.000391	.000318	.000502	.000393	*	*	*	*	*	*
52	.000336	.000531	.000417	.000340	.000539	.000419	*	*	*	*	*	*
53	.000359	.000568	.000445	.000363	.000576	.000449	*	*	*	*	*	*
54	.000383	.000605	.000476	.000388	.000613	.000480	*	*	*	*	*	*
55	.000407	.000643	.000507	.000412	.000650	.000512	*	*	*	*	*	*
56	.000432	.000682	.000538	.000437	.000689	.000544	*	*	*	*	*	*
57	.000457	.000723	.000569	.000462	.000730	.000576	*	*	*	*	*	*
58	.000483	.000765	.000599	.000489	.000773	.000607	*	*	*	*	*	*
59	.000509	.000809	.000629	.000515	.000818	.000638	*	*	*	*	*	*

Table 7. Standard errors of the probability of dying: Utah, 1989–91—Con.

Exact age in years	Total			White			All other					
							Total			Black		
	Both sexes	Male	Female	Both sexes	Male	Female	Both sexes	Male	Female	Both sexes	Male	Female
60	.000534	.000852	.000659	.000542	.000862	.000668	*	*	*	*	*	*
61	.000560	.000895	.000689	.000568	.000906	.000699	*	*	*	*	*	*
62	.000585	.000938	.000718	.000594	.000950	.000729	*	*	*	*	*	*
63	.000612	.000983	.000749	.000620	.000996	.000760	*	*	*	*	*	*
64	.000639	.001031	.000782	.000648	.001045	.000792	*	*	*	*	*	*
65	.000667	.001079	.000815	.000676	.001096	.000825	*	*	*	*	*	*
66	.000698	.001132	.000850	.000707	.001150	.000860	*	*	*	*	*	*
67	.000735	.001199	.000893	.000745	.001219	.000902	*	*	*	*	*	*
68	.000783	.001284	.000946	.000794	.001306	.000956	*	*	*	*	*	*
69	.000841	.001388	.001009	.000852	.001411	.001020	*	*	*	*	*	*
70	.000905	.001505	.001080	.000917	.001528	.001092	*	*	*	*	*	*
71	.000974	.001630	.001156	.000987	.001653	.001169	*	*	*	*	*	*
72	.001050	.001767	.001241	.001063	.001790	.001255	*	*	*	*	*	*
73	.001131	.001916	.001332	.001144	.001938	.001347	*	*	*	*	*	*
74	.001218	.002078	.001431	.001231	.002101	.001446	*	*	*	*	*	*
75	.001314	.002259	.001539	.001327	.002283	.001554	*	*	*	*	*	*
76	.001421	.002464	.001658	.001433	.002488	.001673	*	*	*	*	*	*
77	.001537	.002690	.001788	.001549	.002715	.001802	*	*	*	*	*	*
78	.001664	.002941	.001931	.001677	.002967	.001945	*	*	*	*	*	*
79	.001805	.003222	.002089	.001819	.003250	.002104	*	*	*	*	*	*
80	.001963	.003549	.002262	.001977	.003581	.002276	*	*	*	*	*	*
81	.002144	.003932	.002457	.002159	.003968	.002471	*	*	*	*	*	*
82	.002355	.004365	.002695	.002372	.004407	.002710	*	*	*	*	*	*
83	.002609	.004846	.002998	.002627	.004895	.003015	*	*	*	*	*	*
84	.002914	.005386	.003378	.002935	.005441	.003398	*	*	*	*	*	*
85	.003292	.006041	.003856	.003317	.006103	.003880	*	*	*	*	*	*
86	.003739	.006829	.004412	.003769	.006902	.004442	*	*	*	*	*	*
87	.004246	.007751	.005033	.004283	.007836	.005071	*	*	*	*	*	*
88	.004809	.008834	.005699	.004854	.008935	.005747	*	*	*	*	*	*
89	.005451	.010141	.006435	.005504	.010264	.006493	*	*	*	*	*	*
90	.006256	.011831	.007347	.006322	.011987	.007419	*	*	*	*	*	*
91	.007309	.014092	.008530	.007396	.014301	.008625	*	*	*	*	*	*
92	.008608	.016998	.009967	.008726	.017283	.010093	*	*	*	*	*	*
93	.010134	.020465	.011646	.010288	.020839	.011813	*	*	*	*	*	*
94	.011873	.024318	.013586	.012071	.024775	.013805	*	*	*	*	*	*
95	.012629	.026825	.014458	.012785	.027147	.014666	*	*	*	*	*	*
96	.015006	.032021	.017168	.015211	.032546	.017424	*	*	*	*	*	*
97	.018021	.038735	.020595	.018294	.039529	.020920	*	*	*	*	*	*
98	.021988	.048001	.025099	.022400	.049022	.025588	*	*	*	*	*	*
99	.026700	.059506	.030297	.027293	.061251	.030960	*	*	*	*	*	*
100	.033098	.074546	.037452	.034033	.077326	.038485	*	*	*	*	*	*
101	.041825	.094686	.047268	.043277	.098886	.048875	*	*	*	*	*	*
102	.053960	.123392	.060839	.056239	.130548	.063290	*	*	*	*	*	*
103	.071306	.162976	.080420	.075062	.175395	.084372	*	*	*	*	*	*
104	.093045	.221207	.104054	.100096	.247553	.111265	*	*	*	*	*	*
105	.120775	.289067	.134931	.132655	.333482	.147100	*	*	*	*	*	*
106	.166041	.380666	.187269	.190054	.498435	.209389	*	*	*	*	*	*
107	.214165	.496804	.241012	.246464	.591513	.275951	*	*	*	*	*	*
108	.304422	.664107	.347477	.373291	.926674	.415586	*	*	*	*	*	*
109	.418468	.860149	.485143	.527344	.999999	.583302	*	*	*	*	*	*

* Figure does not meet standards of reliability and precision.

Table 8. Standard errors of the average remaining lifetime: Utah, 1989–91

Exact age in years	Total			White			All other					
							Total			Black		
	Both sexes	Male	Female	Both sexes	Male	Female	Both sexes	Male	Female	Both sexes	Male	Female
0	.074	.104	.102	.075	.105	.103	*	*	*	*	*	*
1	.072	.101	.099	.073	.102	.100	*	*	*	*	*	*
2	.072	.101	.098	.072	.102	.099	*	*	*	*	*	*
3	.072	.100	.098	.072	.101	.099	*	*	*	*	*	*
4	.071	.100	.098	.072	.101	.099	*	*	*	*	*	*
5	.071	.100	.098	.072	.101	.099	*	*	*	*	*	*
6	.071	.100	.098	.072	.101	.099	*	*	*	*	*	*
7	.071	.100	.097	.072	.101	.098	*	*	*	*	*	*
8	.071	.100	.097	.072	.101	.098	*	*	*	*	*	*
9	.071	.100	.097	.072	.101	.098	*	*	*	*	*	*
10	.071	.100	.097	.072	.101	.098	*	*	*	*	*	*
11	.071	.100	.097	.072	.101	.098	*	*	*	*	*	*
12	.071	.100	.097	.072	.101	.098	*	*	*	*	*	*
13	.071	.100	.097	.072	.101	.098	*	*	*	*	*	*
14	.071	.099	.097	.072	.101	.098	*	*	*	*	*	*
15	.071	.099	.097	.072	.100	.098	*	*	*	*	*	*
16	.071	.099	.097	.072	.100	.098	*	*	*	*	*	*
17	.071	.099	.097	.071	.100	.098	*	*	*	*	*	*
18	.071	.099	.097	.071	.100	.098	*	*	*	*	*	*
19	.070	.098	.096	.071	.099	.097	*	*	*	*	*	*
20	.070	.098	.096	.071	.099	.097	*	*	*	*	*	*
21	.070	.098	.096	.071	.099	.097	*	*	*	*	*	*
22	.070	.097	.096	.071	.098	.097	*	*	*	*	*	*
23	.070	.097	.096	.070	.098	.097	*	*	*	*	*	*
24	.069	.097	.096	.070	.098	.097	*	*	*	*	*	*
25	.069	.096	.096	.070	.097	.097	*	*	*	*	*	*
26	.069	.096	.095	.070	.097	.096	*	*	*	*	*	*
27	.069	.096	.095	.070	.097	.096	*	*	*	*	*	*
28	.069	.096	.095	.070	.096	.096	*	*	*	*	*	*
29	.069	.095	.095	.069	.096	.096	*	*	*	*	*	*
30	.069	.095	.095	.069	.096	.096	*	*	*	*	*	*
31	.068	.095	.095	.069	.096	.096	*	*	*	*	*	*
32	.068	.095	.095	.069	.095	.095	*	*	*	*	*	*
33	.068	.094	.094	.069	.095	.095	*	*	*	*	*	*
34	.068	.094	.094	.069	.095	.095	*	*	*	*	*	*
35	.068	.094	.094	.068	.095	.095	*	*	*	*	*	*
36	.068	.094	.094	.068	.094	.095	*	*	*	*	*	*
37	.068	.093	.094	.068	.094	.095	*	*	*	*	*	*
38	.067	.093	.093	.068	.094	.094	*	*	*	*	*	*
39	.067	.093	.093	.068	.094	.094	*	*	*	*	*	*
40	.067	.092	.093	.068	.093	.094	*	*	*	*	*	*
41	.067	.092	.093	.067	.093	.094	*	*	*	*	*	*
42	.067	.092	.093	.067	.093	.093	*	*	*	*	*	*
43	.066	.092	.092	.067	.092	.093	*	*	*	*	*	*
44	.066	.091	.092	.067	.092	.093	*	*	*	*	*	*
45	.066	.091	.092	.067	.092	.093	*	*	*	*	*	*
46	.066	.090	.091	.066	.091	.092	*	*	*	*	*	*
47	.065	.090	.091	.066	.091	.092	*	*	*	*	*	*
48	.065	.089	.091	.066	.090	.091	*	*	*	*	*	*
49	.065	.089	.090	.065	.090	.091	*	*	*	*	*	*
50	.064	.088	.090	.065	.089	.090	*	*	*	*	*	*
51	.064	.088	.089	.065	.089	.090	*	*	*	*	*	*
52	.064	.087	.088	.064	.088	.089	*	*	*	*	*	*
53	.063	.087	.088	.064	.087	.089	*	*	*	*	*	*
54	.063	.086	.087	.063	.087	.088	*	*	*	*	*	*
55	.062	.085	.086	.063	.086	.087	*	*	*	*	*	*
56	.061	.084	.086	.062	.085	.086	*	*	*	*	*	*
57	.061	.083	.085	.061	.084	.086	*	*	*	*	*	*
58	.060	.083	.084	.061	.083	.085	*	*	*	*	*	*
59	.060	.082	.083	.060	.082	.084	*	*	*	*	*	*

Table 8. Standard errors of the average remaining lifetime: Utah, 1989–91—Con.

Exact age in years	Total			White			All other					
							Total			Black		
	Both sexes	Male	Female	Both sexes	Male	Female	Both sexes	Male	Female	Both sexes	Male	Female
60	.059	.081	.082	.060	.081	.083	*	*	*	*	*	*
61	.058	.080	.081	.059	.081	.082	*	*	*	*	*	*
62	.058	.079	.081	.058	.080	.081	*	*	*	*	*	*
63	.057	.078	.080	.058	.079	.080	*	*	*	*	*	*
64	.057	.077	.079	.057	.078	.079	*	*	*	*	*	*
65	.056	.077	.078	.057	.077	.078	*	*	*	*	*	*
66	.056	.076	.077	.056	.077	.078	*	*	*	*	*	*
67	.055	.075	.076	.055	.076	.077	*	*	*	*	*	*
68	.055	.075	.076	.055	.075	.076	*	*	*	*	*	*
69	.054	.074	.075	.055	.075	.075	*	*	*	*	*	*
70	.054	.074	.074	.054	.074	.075	*	*	*	*	*	*
71	.053	.073	.074	.054	.074	.074	*	*	*	*	*	*
72	.053	.073	.073	.053	.073	.073	*	*	*	*	*	*
73	.053	.073	.072	.053	.073	.072	*	*	*	*	*	*
74	.052	.073	.072	.053	.073	.072	*	*	*	*	*	*
75	.052	.072	.071	.052	.073	.071	*	*	*	*	*	*
76	.052	.072	.070	.052	.073	.071	*	*	*	*	*	*
77	.052	.073	.070	.052	.073	.070	*	*	*	*	*	*
78	.052	.073	.069	.052	.073	.070	*	*	*	*	*	*
79	.052	.073	.069	.052	.074	.069	*	*	*	*	*	*
80	.052	.074	.069	.052	.074	.069	*	*	*	*	*	*
81	.052	.075	.069	.052	.075	.069	*	*	*	*	*	*
82	.052	.076	.069	.052	.076	.069	*	*	*	*	*	*
83	.053	.078	.069	.053	.078	.069	*	*	*	*	*	*
84	.054	.079	.070	.054	.079	.070	*	*	*	*	*	*
85	.055	.082	.071	.055	.082	.071	*	*	*	*	*	*
86	.056	.085	.072	.056	.085	.072	*	*	*	*	*	*
87	.058	.089	.074	.058	.088	.074	*	*	*	*	*	*
88	.060	.093	.076	.060	.093	.076	*	*	*	*	*	*
89	.063	.099	.078	.063	.099	.078	*	*	*	*	*	*
90	.066	.106	.082	.066	.106	.081	*	*	*	*	*	*
91	.069	.114	.085	.069	.114	.085	*	*	*	*	*	*
92	.073	.124	.090	.073	.123	.089	*	*	*	*	*	*
93	.078	.134	.094	.078	.134	.094	*	*	*	*	*	*
94	.083	.146	.100	.083	.145	.100	*	*	*	*	*	*
95	.088	.159	.106	.088	.158	.106	*	*	*	*	*	*
96	.097	.178	.116	.097	.179	.116	*	*	*	*	*	*
97	.108	.204	.129	.109	.205	.129	*	*	*	*	*	*
98	.123	.236	.145	.124	.239	.146	*	*	*	*	*	*
99	.140	.274	.164	.142	.281	.167	*	*	*	*	*	*
100	.162	.323	.189	.165	.335	.193	*	*	*	*	*	*
101	.190	.386	.221	.196	.405	.228	*	*	*	*	*	*
102	.225	.467	.261	.235	.502	.272	*	*	*	*	*	*
103	.270	.571	.312	.287	.630	.329	*	*	*	*	*	*
104	.323	.701	.371	.351	.804	.400	*	*	*	*	*	*
105	.390	.849	.448	.434	1.017	.492	*	*	*	*	*	*
106	.479	1.028	.552	.549	1.312	.619	*	*	*	*	*	*
107	.577	1.237	.664	.675	1.577	.765	*	*	*	*	*	*
108	.710	1.475	.823	.869	2.116	.977	*	*	*	*	*	*
109	.799	1.617	.933	1.010	2.568	1.126	*	*	*	*	*	*

* Figure does not meet standards of reliability and precision.

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DHHS Publication No. (PHS) 98-1151-45
8-0412 (4/98)