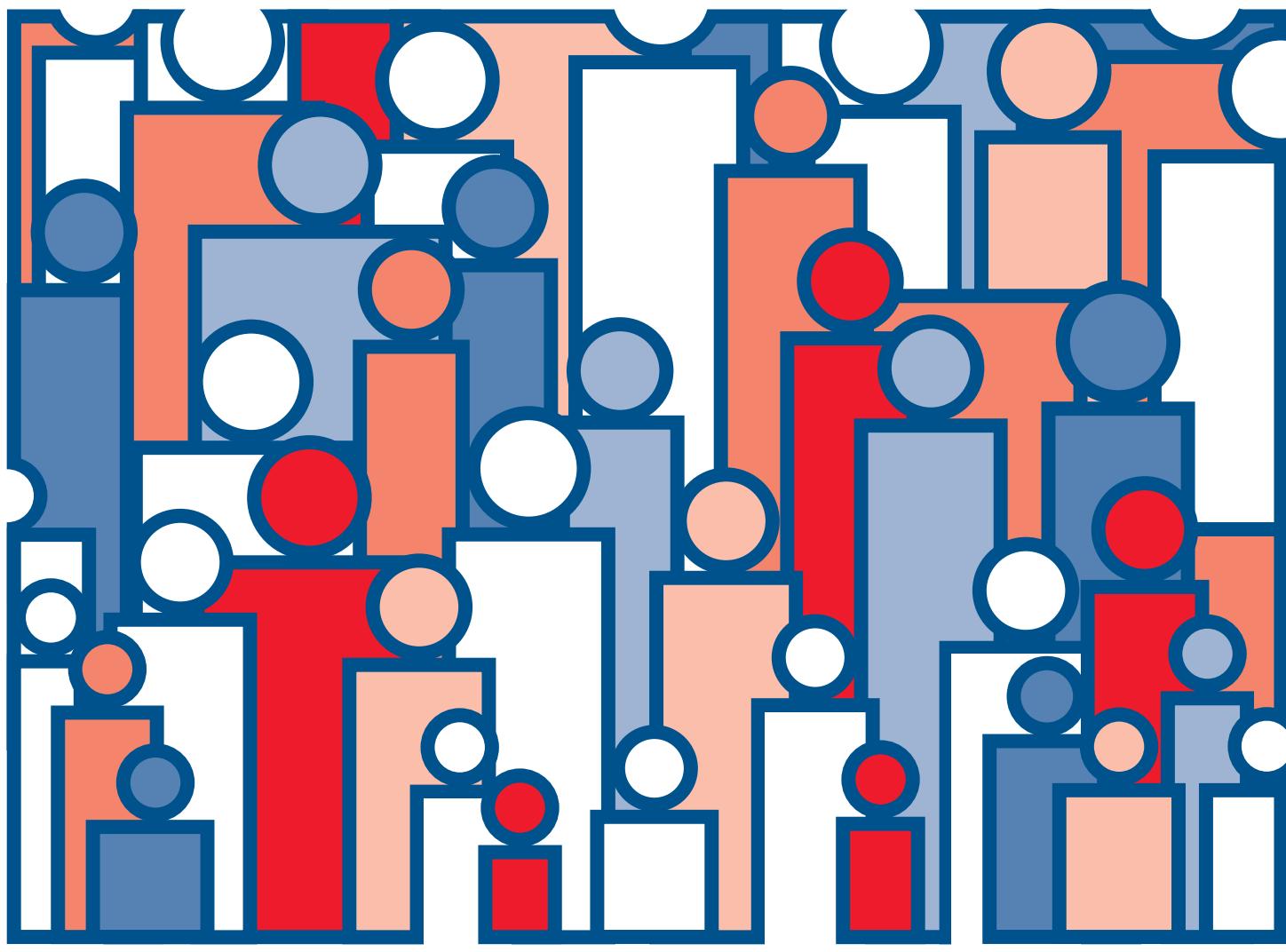


U.S. Decennial Life Tables for 1989-91

Volume II, State Life Tables Number 48, Washington

From the CENTERS FOR DISEASE CONTROL AND PREVENTION/National Center for Health Statistics



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

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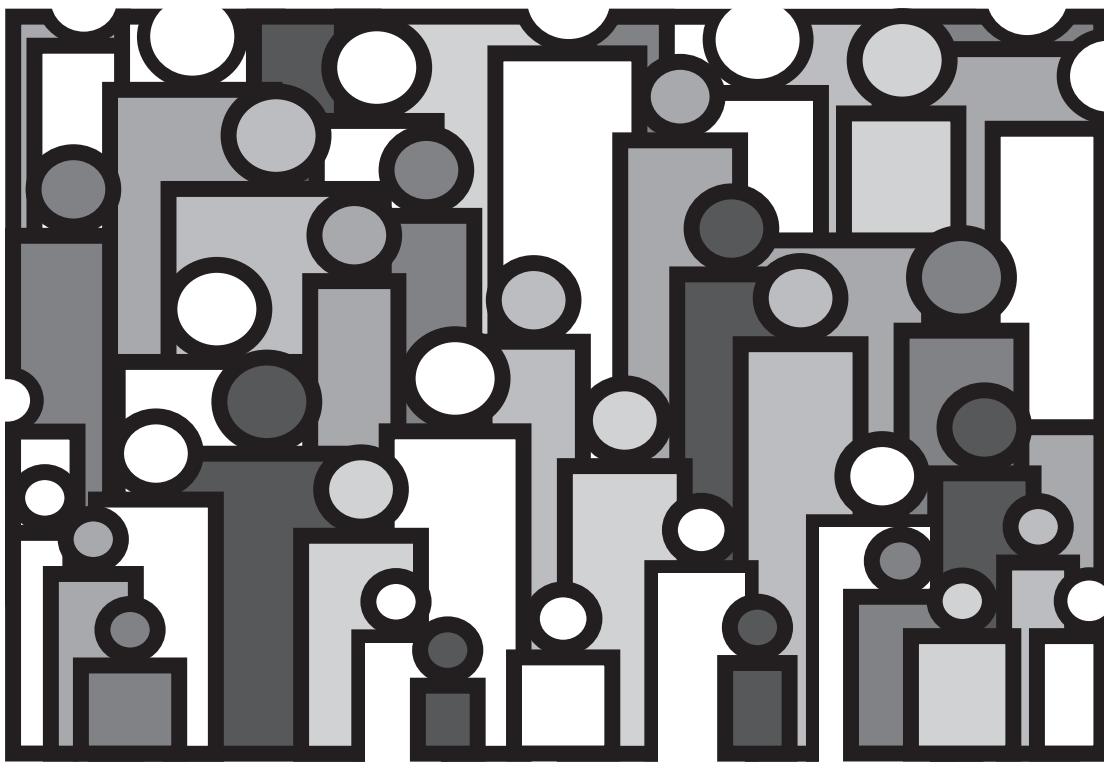
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U.S. DEPARTMENT OF HEALTH AND HUMAN SERVICES
Centers for Disease Control and Prevention
National Center for Health Statistics

Hyattsville, Maryland
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Washington Life Tables: 1989–91

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Division of Vital Statistics

Abstract

The life tables in this report are current life tables for Washington 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 Washington 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 Washington 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 Washington 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: Washington • 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 1980–91, 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 Washington that occurred anywhere in the United States during the 3 years of 1989, 1990, and 1991 and on the 1990 census of population for Washington. 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-table 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 Washington 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 Washington, the expectation of life at birth is 73.84 years for total males and 79.74 years for total females. Among the 50 States and the District of Columbia in the expectation of life at birth for the total population, Washington ranks 12th.

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 Washington 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 13](#) and [14](#). 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 13](#)). 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 0.00291 with a standard error of 0.000212. Therefore, the 68 percent confidence interval is from 0.00270 to 0.00312 and the 95 percent confidence interval is from 0.00249 to 0.00333. The life expectancy of a 50-year-old white female is 32.00 years with a standard error of 0.048 years. The 68 percent confidence interval for the life expectancy is therefore from 31.95 to 32.05 years and the 95 percent confidence interval is from 31.90 to 32.10 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 Washington. For example, for females who reach age 21, the proportion dying before reaching their 22d birthday is 0.00054—out of every 1,000 female babies surviving to age 21, 0.54 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](#), 99,255 will complete the first year of life and enter the second, 98,687 will reach age 21, and 71,659 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, 745 will die in the first year of life, 53 in the 22d year, and 2,172 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 98,660. 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 98,660 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 5,894,360 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 7,973,819.

Column 7—Average remaining lifetime (\bar{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 98,660 for females in Washington in the year of age 21–22 is the total number of years of life lived between their 21st and 22d birthdays by the 98,687 (column 3) who reached their 21st birthday out of the original cohort of 100,000 females born alive. The corresponding figure (5,894,360) in column 6 is the total number of years lived after attaining age 21 by the 98,687 reaching that exact age. This number of years divided by the number of persons (5,894,360 divided by 98,687) gives 59.73 years as the average remaining lifetime at age 21 for females in Washington.

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						
		Both sexes	Male	Female	Both sexes	Male	Female	Both sexes	Male	Female	Total		Black	
											Both sexes	Male	Female	Both sexes
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: Washington, 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	\bar{e}_x
0–1	.00823	100,000	823	99,390	7,681,665	76.82
1–2	.00062	99,177	61	99,147	7,582,275	76.45
2–3	.00039	99,116	38	99,097	7,483,128	75.50
3–4	.00030	99,078	30	99,062	7,384,031	74.53
4–5	.00025	99,048	24	99,036	7,284,969	73.55
5–6	.00022	99,024	22	99,013	7,185,933	72.57
6–7	.00021	99,002	21	98,992	7,086,920	71.58
7–8	.00019	98,981	19	98,971	6,987,928	70.60
8–9	.00017	98,962	17	98,954	6,888,957	69.61
9–10	.00015	98,945	15	98,937	6,790,003	68.62
10–11	.00013	98,930	13	98,924	6,691,066	67.63
11–12	.00013	98,917	13	98,911	6,592,142	66.64
12–13	.00017	98,904	17	98,895	6,493,231	65.65
13–14	.00027	98,887	26	98,874	6,394,336	64.66
14–15	.00041	98,861	41	98,841	6,295,462	63.68
15–16	.00057	98,820	56	98,792	6,196,621	62.71
16–17	.00071	98,764	70	98,729	6,097,829	61.74
17–18	.00083	98,694	83	98,652	5,999,100	60.79
18–19	.00090	98,611	89	98,567	5,900,448	59.84
19–20	.00094	98,522	92	98,476	5,801,881	58.89
20–21	.00096	98,430	95	98,382	5,703,405	57.94
21–22	.00099	98,335	98	98,286	5,605,023	57.00
22–23	.00101	98,237	99	98,188	5,506,737	56.06
23–24	.00100	98,138	98	98,090	5,408,549	55.11
24–25	.00099	98,040	97	97,991	5,310,459	54.17
25–26	.00097	97,943	95	97,895	5,212,468	53.22
26–27	.00096	97,848	94	97,801	5,114,573	52.27
27–28	.00097	97,754	95	97,706	5,016,772	51.32
28–29	.00099	97,659	97	97,611	4,919,066	50.37
29–30	.00104	97,562	101	97,512	4,821,455	49.42
30–31	.00109	97,461	106	97,408	4,723,943	48.47
31–32	.00114	97,355	111	97,300	4,626,535	47.52
32–33	.00119	97,244	115	97,186	4,529,235	46.58
33–34	.00124	97,129	121	97,069	4,432,049	45.63
34–35	.00130	97,008	126	96,945	4,334,980	44.69
35–36	.00137	96,882	133	96,815	4,238,035	43.74
36–37	.00144	96,749	139	96,680	4,141,220	42.80
37–38	.00152	96,610	147	96,536	4,044,540	41.86
38–39	.00160	96,463	155	96,386	3,948,004	40.93
39–40	.00169	96,308	163	96,227	3,851,618	39.99
40–41	.00179	96,145	172	96,060	3,755,391	39.06
41–42	.00190	95,973	182	95,882	3,659,331	38.13
42–43	.00202	95,791	194	95,694	3,563,449	37.20
43–44	.00216	95,597	206	95,494	3,467,755	36.27
44–45	.00233	95,391	222	95,280	3,372,261	35.35
45–46	.00253	95,169	241	95,048	3,276,981	34.43
46–47	.00277	94,928	263	94,797	3,181,933	33.52
47–48	.00303	94,665	287	94,521	3,087,136	32.61
48–49	.00328	94,378	309	94,223	2,992,615	31.71
49–50	.00354	94,069	333	93,902	2,898,392	30.81
50–51	.00384	93,736	360	93,556	2,804,490	29.92
51–52	.00421	93,376	392	93,180	2,710,934	29.03
52–53	.00465	92,984	433	92,768	2,617,754	28.15
53–54	.00517	92,551	478	92,312	2,524,986	27.28
54–55	.00576	92,073	530	91,808	2,432,674	26.42

Table 1. Life table for the total population: Washington, 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	\bar{e}_x
55–56 . . . . .	.00640	91,543	586	91,250	2,340,866	25.57
56–57 . . . . .	.00711	90,957	647	90,634	2,249,616	24.73
57–58 . . . . .	.00789	90,310	713	89,953	2,158,982	23.91
58–59 . . . . .	.00876	89,597	784	89,205	2,069,029	23.09
59–60 . . . . .	.00969	88,813	861	88,383	1,979,824	22.29
60–61 . . . . .	.01064	87,952	935	87,484	1,891,441	21.51
61–62 . . . . .	.01162	87,017	1,012	86,511	1,803,957	20.73
62–63 . . . . .	.01267	86,005	1,090	85,461	1,717,446	19.97
63–64 . . . . .	.01379	84,915	1,170	84,330	1,631,985	19.22
64–65 . . . . .	.01497	83,745	1,254	83,118	1,547,655	18.48
65–66 . . . . .	.01614	82,491	1,332	81,825	1,464,537	17.75
66–67 . . . . .	.01736	81,159	1,409	80,455	1,382,712	17.04
67–68 . . . . .	.01878	79,750	1,497	79,001	1,302,257	16.33
68–69 . . . . .	.02052	78,253	1,606	77,451	1,223,256	15.63
69–70 . . . . .	.02262	76,647	1,733	75,780	1,145,805	14.95
70–71 . . . . .	.02502	74,914	1,875	73,976	1,070,025	14.28
71–72 . . . . .	.02762	73,039	2,017	72,031	996,049	13.64
72–73 . . . . .	.03033	71,022	2,154	69,944	924,018	13.01
73–74 . . . . .	.03300	68,868	2,273	67,732	854,074	12.40
74–75 . . . . .	.03566	66,595	2,375	65,407	786,342	11.81
75–76 . . . . .	.03842	64,220	2,467	62,987	720,935	11.23
76–77 . . . . .	.04151	61,753	2,563	60,471	657,948	10.65
77–78 . . . . .	.04505	59,190	2,667	57,857	597,477	10.09
78–79 . . . . .	.04925	56,523	2,783	55,131	539,620	9.55
79–80 . . . . .	.05418	53,740	2,912	52,284	484,489	9.02
80–81 . . . . .	.05989	50,828	3,044	49,306	432,205	8.50
81–82 . . . . .	.06621	47,784	3,164	46,201	382,899	8.01
82–83 . . . . .	.07298	44,620	3,256	42,992	336,698	7.55
83–84 . . . . .	.07991	41,364	3,306	39,711	293,706	7.10
84–85 . . . . .	.08710	38,058	3,315	36,401	253,995	6.67
85–86 . . . . .	.09544	34,743	3,315	33,085	217,594	6.26
86–87 . . . . .	.10504	31,428	3,302	29,777	184,509	5.87
87–88 . . . . .	.11536	28,126	3,244	26,504	154,732	5.50
88–89 . . . . .	.12622	24,882	3,141	23,312	128,228	5.15
89–90 . . . . .	.13775	21,741	2,995	20,243	104,916	4.83
90–91 . . . . .	.15053	18,746	2,822	17,335	84,673	4.52
91–92 . . . . .	.16464	15,924	2,622	14,614	67,338	4.23
92–93 . . . . .	.17931	13,302	2,385	12,110	52,724	3.96
93–94 . . . . .	.19420	10,917	2,120	9,857	40,614	3.72
94–95 . . . . .	.20939	8,797	1,842	7,876	30,757	3.50
95–96 . . . . .	.22502	6,955	1,565	6,172	22,881	3.29
96–97 . . . . .	.24126	5,390	1,300	4,740	16,709	3.10
97–98 . . . . .	.25689	4,090	1,051	3,564	11,969	2.93
98–99 . . . . .	.27175	3,039	826	2,626	8,405	2.77
99–100 . . . . .	.28751	2,213	636	1,895	5,779	2.61
100–101 . . . . .	.30418	1,577	480	1,337	3,884	2.46
101–102 . . . . .	.32182	1,097	353	921	2,547	2.32
102–103 . . . . .	.34049	744	253	618	1,626	2.19
103–104 . . . . .	.36024	491	177	402	1,008	2.05
104–105 . . . . .	.38113	314	120	254	606	1.93
105–106 . . . . .	.40324	194	78	155	352	1.81
106–107 . . . . .	.42663	116	50	91	197	1.70
107–108 . . . . .	.45137	66	30	52	106	1.59
108–109 . . . . .	.47755	36	17	28	54	1.49
109–110 . . . . .	.50525	19	10	14	26	1.39

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

Age in years	Proportion dying	Of 100,000 born alive		Stationary population		Average remaining lifetime
		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)	
Period of life between two exact ages stated (1)	Proportion of persons alive at beginning of year of age dying during year (2)					
x to x+1	q_x	l_x	d_x	L_x	T_x	\bar{e}_x
0–1	.00897	100,000	897	99,327	7,384,295	73.84
1–2	.00064	99,103	63	99,072	7,284,968	73.51
2–3	.00043	99,040	43	99,018	7,185,896	72.56
3–4	.00033	98,997	32	98,982	7,086,878	71.59
4–5	.00027	98,965	27	98,951	6,987,896	70.61
5–6	.00025	98,938	24	98,926	6,888,945	69.63
6–7	.00023	98,914	23	98,903	6,790,019	68.65
7–8	.00022	98,891	22	98,880	6,691,116	67.66
8–9	.00020	98,869	19	98,859	6,592,236	66.68
9–10	.00017	98,850	17	98,842	6,493,377	65.69
10–11	.00014	98,833	14	98,826	6,394,535	64.70
11–12	.00014	98,819	14	98,812	6,295,709	63.71
12–13	.00021	98,805	20	98,795	6,196,897	62.72
13–14	.00035	98,785	35	98,767	6,098,102	61.73
14–15	.00056	98,750	56	98,722	5,999,335	60.75
15–16	.00080	98,694	78	98,655	5,900,613	59.79
16–17	.00102	98,616	101	98,566	5,801,958	58.83
17–18	.00120	98,515	118	98,456	5,703,392	57.89
18–19	.00130	98,397	127	98,334	5,604,936	56.96
19–20	.00134	98,270	132	98,203	5,506,602	56.04
20–21	.00137	98,138	135	98,070	5,408,399	55.11
21–22	.00141	98,003	139	97,934	5,310,329	54.19
22–23	.00143	97,864	140	97,794	5,212,395	53.26
23–24	.00143	97,724	140	97,654	5,114,601	52.34
24–25	.00143	97,584	139	97,515	5,016,947	51.41
25–26	.00141	97,445	137	97,376	4,919,432	50.48
26–27	.00140	97,308	136	97,240	4,822,056	49.55
27–28	.00141	97,172	137	97,103	4,724,816	48.62
28–29	.00145	97,035	141	96,965	4,627,713	47.69
29–30	.00152	96,894	147	96,821	4,530,748	46.76
30–31	.00159	96,747	154	96,670	4,433,927	45.83
31–32	.00166	96,593	160	96,513	4,337,257	44.90
32–33	.00173	96,433	167	96,350	4,240,744	43.98
33–34	.00181	96,266	174	96,179	4,144,394	43.05
34–35	.00189	96,092	182	96,001	4,048,215	42.13
35–36	.00198	95,910	190	95,815	3,952,214	41.21
36–37	.00208	95,720	199	95,620	3,856,399	40.29
37–38	.00217	95,521	207	95,418	3,760,779	39.37
38–39	.00226	95,314	216	95,206	3,665,361	38.46
39–40	.00235	95,098	224	94,986	3,570,155	37.54
40–41	.00245	94,874	232	94,757	3,475,169	36.63
41–42	.00256	94,642	243	94,521	3,380,412	35.72
42–43	.00268	94,399	253	94,272	3,285,891	34.81
43–44	.00281	94,146	265	94,014	3,191,619	33.90
44–45	.00296	93,881	278	93,742	3,097,605	32.99
45–46	.00315	93,603	295	93,455	3,003,863	32.09
46–47	.00337	93,308	314	93,151	2,910,408	31.19
47–48	.00364	92,994	339	92,825	2,817,257	30.30
48–49	.00394	92,655	365	92,472	2,724,432	29.40
49–50	.00429	92,290	395	92,093	2,631,960	28.52
50–51	.00470	91,895	432	91,679	2,539,867	27.64
51–52	.00520	91,463	475	91,225	2,448,188	26.77
52–53	.00576	90,988	524	90,726	2,356,963	25.90
53–54	.00639	90,464	578	90,175	2,266,237	25.05
54–55	.00707	89,886	636	89,568	2,176,062	24.21

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

Age in years	Proportion dying	Of 100,000 born alive		Stationary population		Average remaining lifetime
		Number living at beginning of year of age	Number dying during year of age	In year of age	In this year of age and all subsequent years	
Period of life between two exact ages stated (1)	(2)	(3)	(4)	(5)	(6)	(7)
x to x+1	q_x	l_x	d_x	L_x	T_x	\bar{e}_x
55–56 . . . . .	.00782	89,250	698	88,901	2,086,494	23.38
56–57 . . . . .	.00866	88,552	767	88,168	1,997,593	22.56
57–58 . . . . .	.00962	87,785	844	87,363	1,909,425	21.75
58–59 . . . . .	.01070	86,941	931	86,475	1,822,062	20.96
59–60 . . . . .	.01190	86,010	1,024	85,498	1,735,587	20.18
60–61 . . . . .	.01315	84,986	1,117	84,428	1,650,089	19.42
61–62 . . . . .	.01444	83,869	1,211	83,264	1,565,661	18.67
62–63 . . . . .	.01583	82,658	1,308	82,004	1,482,397	17.93
63–64 . . . . .	.01734	81,350	1,411	80,644	1,400,393	17.21
64–65 . . . . .	.01895	79,939	1,515	79,182	1,319,749	16.51
65–66 . . . . .	.02056	78,424	1,612	77,618	1,240,567	15.82
66–67 . . . . .	.02220	76,812	1,705	75,960	1,162,949	15.14
67–68 . . . . .	.02410	75,107	1,810	74,202	1,086,989	14.47
68–69 . . . . .	.02641	73,297	1,936	72,329	1,012,787	13.82
69–70 . . . . .	.02916	71,361	2,081	70,320	940,458	13.18
70–71 . . . . .	.03232	69,280	2,239	68,161	870,138	12.56
71–72 . . . . .	.03568	67,041	2,392	65,845	801,977	11.96
72–73 . . . . .	.03912	64,649	2,529	63,385	736,132	11.39
73–74 . . . . .	.04243	62,120	2,635	60,802	672,747	10.83
74–75 . . . . .	.04565	59,485	2,716	58,127	611,945	10.29
75–76 . . . . .	.04900	56,769	2,781	55,379	553,818	9.76
76–77 . . . . .	.05281	53,988	2,852	52,562	498,439	9.23
77–78 . . . . .	.05725	51,136	2,927	49,673	445,877	8.72
78–79 . . . . .	.06265	48,209	3,020	46,699	396,204	8.22
79–80 . . . . .	.06914	45,189	3,125	43,627	349,505	7.73
80–81 . . . . .	.07701	42,064	3,239	40,444	305,878	7.27
81–82 . . . . .	.08596	38,825	3,337	37,156	265,434	6.84
82–83 . . . . .	.09526	35,488	3,381	33,798	228,278	6.43
83–84 . . . . .	.10390	32,107	3,336	30,439	194,480	6.06
84–85 . . . . .	.11179	28,771	3,216	27,163	164,041	5.70
85–86 . . . . .	.12080	25,555	3,087	24,011	136,878	5.36
86–87 . . . . .	.13164	22,468	2,958	20,989	112,867	5.02
87–88 . . . . .	.14346	19,510	2,799	18,111	91,878	4.71
88–89 . . . . .	.15623	16,711	2,611	15,406	73,767	4.41
89–90 . . . . .	.16989	14,100	2,395	12,902	58,361	4.14
90–91 . . . . .	.18452	11,705	2,160	10,625	45,459	3.88
91–92 . . . . .	.20016	9,545	1,910	8,590	34,834	3.65
92–93 . . . . .	.21618	7,635	1,651	6,809	26,244	3.44
93–94 . . . . .	.23180	5,984	1,387	5,291	19,435	3.25
94–95 . . . . .	.24641	4,597	1,133	4,030	14,144	3.08
95–96 . . . . .	.26004	3,464	901	3,014	10,114	2.92
96–97 . . . . .	.27536	2,563	705	2,211	7,100	2.77
97–98 . . . . .	.28943	1,858	538	1,588	4,889	2.63
98–99 . . . . .	.30390	1,320	401	1,120	3,301	2.50
99–100 . . . . .	.31910	919	293	772	2,181	2.37
100–101 . . . . .	.33505	626	210	521	1,409	2.25
101–102 . . . . .	.35181	416	146	343	888	2.13
102–103 . . . . .	.36940	270	100	220	545	2.02
103–104 . . . . .	.38787	170	66	137	325	1.91
104–105 . . . . .	.40726	104	42	82	188	1.81
105–106 . . . . .	.42762	62	27	49	106	1.71
106–107 . . . . .	.44900	35	16	27	57	1.61
107–108 . . . . .	.47145	19	9	15	30	1.52
108–109 . . . . .	.49503	10	5	8	15	1.43
109–110 . . . . .	.51978	5	3	4	7	1.35

Table 3. Life table for females: Washington, 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	\bar{e}_x
0–1	.00745	100,000	745	99,456	7,973,819	79.74
1–2	.00060	99,255	60	99,225	7,874,363	79.33
2–3	.00034	99,195	33	99,179	7,775,138	78.38
3–4	.00027	99,162	27	99,148	7,675,959	77.41
4–5	.00022	99,135	21	99,125	7,576,811	76.43
5–6	.00020	99,114	20	99,103	7,477,686	75.45
6–7	.00018	99,094	18	99,085	7,378,583	74.46
7–8	.00016	99,076	16	99,068	7,279,498	73.47
8–9	.00015	99,060	15	99,052	7,180,430	72.49
9–10	.00013	99,045	13	99,039	7,081,378	71.50
10–11	.00012	99,032	12	99,025	6,982,339	70.51
11–12	.00012	99,020	12	99,015	6,883,314	69.51
12–13	.00014	99,008	13	99,001	6,784,299	68.52
13–14	.00018	98,995	18	98,986	6,685,298	67.53
14–15	.00025	98,977	25	98,965	6,586,312	66.54
15–16	.00032	98,952	31	98,936	6,487,347	65.56
16–17	.00039	98,921	39	98,901	6,388,411	64.58
17–18	.00045	98,882	45	98,860	6,289,510	63.61
18–19	.00049	98,837	48	98,813	6,190,650	62.63
19–20	.00051	98,789	50	98,764	6,091,837	61.67
20–21	.00052	98,739	52	98,713	5,993,073	60.70
21–22	.00054	98,687	53	98,660	5,894,360	59.73
22–23	.00055	98,634	54	98,607	5,795,700	58.76
23–24	.00054	98,580	53	98,554	5,697,093	57.79
24–25	.00053	98,527	53	98,500	5,598,539	56.82
25–26	.00052	98,474	51	98,449	5,500,039	55.85
26–27	.00051	98,423	50	98,399	5,401,590	54.88
27–28	.00051	98,373	50	98,348	5,303,191	53.91
28–29	.00052	98,323	51	98,297	5,204,843	52.94
29–30	.00055	98,272	54	98,245	5,106,546	51.96
30–31	.00058	98,218	57	98,189	5,008,301	50.99
31–32	.00061	98,161	60	98,131	4,910,112	50.02
32–33	.00064	98,101	62	98,070	4,811,981	49.05
33–34	.00067	98,039	67	98,006	4,713,911	48.08
34–35	.00071	97,972	69	97,937	4,615,905	47.11
35–36	.00075	97,903	74	97,866	4,517,968	46.15
36–37	.00080	97,829	79	97,790	4,420,102	45.18
37–38	.00087	97,750	84	97,708	4,322,312	44.22
38–39	.00094	97,666	92	97,620	4,224,604	43.26
39–40	.00103	97,574	101	97,523	4,126,984	42.30
40–41	.00113	97,473	110	97,418	4,029,461	41.34
41–42	.00123	97,363	120	97,303	3,932,043	40.39
42–43	.00136	97,243	132	97,177	3,834,740	39.43
43–44	.00151	97,111	146	97,038	3,737,563	38.49
44–45	.00168	96,965	163	96,883	3,640,525	37.54
45–46	.00191	96,802	185	96,710	3,543,642	36.61
46–47	.00216	96,617	209	96,512	3,446,932	35.68
47–48	.00240	96,408	231	96,293	3,350,420	34.75
48–49	.00260	96,177	251	96,051	3,254,127	33.83
49–50	.00277	95,926	265	95,794	3,158,076	32.92
50–51	.00295	95,661	283	95,519	3,062,282	32.01
51–52	.00320	95,378	304	95,226	2,966,763	31.11
52–53	.00351	95,074	335	94,906	2,871,537	30.20
53–54	.00393	94,739	372	94,554	2,776,631	29.31
54–55	.00443	94,367	418	94,157	2,682,077	28.42

Table 3. Life table for females: Washington, 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	\bar{e}_x
55–56 . . . . .	.00499	93,949	469	93,715	2,587,920	27.55
56–57 . . . . .	.00557	93,480	521	93,220	2,494,205	26.68
57–58 . . . . .	.00620	92,959	576	92,671	2,400,985	25.83
58–59 . . . . .	.00687	92,383	635	92,065	2,308,314	24.99
59–60 . . . . .	.00757	91,748	695	91,401	2,216,249	24.16
60–61 . . . . .	.00829	91,053	754	90,676	2,124,848	23.34
61–62 . . . . .	.00902	90,299	815	89,891	2,034,172	22.53
62–63 . . . . .	.00979	89,484	876	89,046	1,944,281	21.73
63–64 . . . . .	.01059	88,608	938	88,139	1,855,235	20.94
64–65 . . . . .	.01142	87,670	1,001	87,170	1,767,096	20.16
65–66 . . . . .	.01227	86,669	1,064	86,137	1,679,926	19.38
66–67 . . . . .	.01316	85,605	1,126	85,042	1,593,789	18.62
67–68 . . . . .	.01420	84,479	1,200	83,879	1,508,747	17.86
68–69 . . . . .	.01550	83,279	1,290	82,634	1,424,868	17.11
69–70 . . . . .	.01707	81,989	1,400	81,289	1,342,234	16.37
70–71 . . . . .	.01889	80,589	1,522	79,828	1,260,945	15.65
71–72 . . . . .	.02089	79,067	1,652	78,241	1,181,117	14.94
72–73 . . . . .	.02309	77,415	1,788	76,521	1,102,876	14.25
73–74 . . . . .	.02539	75,627	1,920	74,667	1,026,355	13.57
74–75 . . . . .	.02778	73,707	2,048	72,684	951,688	12.91
75–76 . . . . .	.03031	71,659	2,172	70,573	879,004	12.27
76–77 . . . . .	.03311	69,487	2,301	68,337	808,431	11.63
77–78 . . . . .	.03627	67,186	2,436	65,967	740,094	11.02
78–79 . . . . .	.03992	64,750	2,585	63,458	674,127	10.41
79–80 . . . . .	.04414	62,165	2,744	60,793	610,669	9.82
80–81 . . . . .	.04888	59,421	2,904	57,968	549,876	9.25
81–82 . . . . .	.05410	56,517	3,058	54,988	491,908	8.70
82–83 . . . . .	.05995	53,459	3,205	51,857	436,920	8.17
83–84 . . . . .	.06651	50,254	3,342	48,583	385,063	7.66
84–85 . . . . .	.07388	46,912	3,466	45,179	336,480	7.17
85–86 . . . . .	.08258	43,446	3,588	41,652	291,301	6.70
86–87 . . . . .	.09238	39,858	3,682	38,017	249,649	6.26
87–88 . . . . .	.10280	36,176	3,719	34,317	211,632	5.85
88–89 . . . . .	.11359	32,457	3,686	30,614	177,315	5.46
89–90 . . . . .	.12498	28,771	3,596	26,972	146,701	5.10
90–91 . . . . .	.13786	25,175	3,471	23,440	119,729	4.76
91–92 . . . . .	.15228	21,704	3,305	20,051	96,289	4.44
92–93 . . . . .	.16732	18,399	3,079	16,860	76,238	4.14
93–94 . . . . .	.18263	15,320	2,797	13,922	59,378	3.88
94–95 . . . . .	.19840	12,523	2,485	11,280	45,456	3.63
95–96 . . . . .	.21475	10,038	2,156	8,960	34,176	3.40
96–97 . . . . .	.23143	7,882	1,824	6,970	25,216	3.20
97–98 . . . . .	.24775	6,058	1,501	5,308	18,246	3.01
98–99 . . . . .	.26375	4,557	1,202	3,956	12,938	2.84
99–100 . . . . .	.27957	3,355	938	2,886	8,982	2.68
100–101 . . . . .	.29635	2,417	716	2,060	6,096	2.52
101–102 . . . . .	.31413	1,701	534	1,433	4,036	2.37
102–103 . . . . .	.33298	1,167	389	973	2,603	2.23
103–104 . . . . .	.35296	778	275	640	1,630	2.10
104–105 . . . . .	.37413	503	188	410	990	1.97
105–106 . . . . .	.39658	315	125	252	580	1.84
106–107 . . . . .	.42038	190	80	151	328	1.72
107–108 . . . . .	.44560	110	49	85	177	1.61
108–109 . . . . .	.47233	61	29	47	92	1.50
109–110 . . . . .	.50068	32	16	24	45	1.40

Table 4. Life table for the white population: Washington, 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	\bar{e}_x
0–1	.00778	100,000	778	99,423	7,691,785	76.92
1–2	.00058	99,222	58	99,193	7,592,362	76.52
2–3	.00038	99,164	37	99,146	7,493,169	75.56
3–4	.00029	99,127	28	99,113	7,394,023	74.59
4–5	.00024	99,099	24	99,087	7,294,910	73.61
5–6	.00022	99,075	22	99,064	7,195,823	72.63
6–7	.00021	99,053	20	99,043	7,096,759	71.65
7–8	.00019	99,033	19	99,024	6,997,716	70.66
8–9	.00017	99,014	17	99,005	6,898,692	69.67
9–10	.00015	98,997	15	98,990	6,799,687	68.69
10–11	.00013	98,982	12	98,976	6,700,697	67.70
11–12	.00013	98,970	13	98,964	6,601,721	66.70
12–13	.00017	98,957	16	98,949	6,502,757	65.71
13–14	.00026	98,941	26	98,928	6,403,808	64.72
14–15	.00040	98,915	39	98,895	6,304,880	63.74
15–16	.00055	98,876	55	98,848	6,205,985	62.77
16–17	.00070	98,821	69	98,787	6,107,137	61.80
17–18	.00082	98,752	81	98,711	6,008,350	60.84
18–19	.00089	98,671	88	98,627	5,909,639	59.89
19–20	.00092	98,583	91	98,537	5,811,012	58.95
20–21	.00094	98,492	93	98,446	5,712,475	58.00
21–22	.00097	98,399	95	98,352	5,614,029	57.05
22–23	.00098	98,304	97	98,255	5,515,677	56.11
23–24	.00098	98,207	96	98,159	5,417,422	55.16
24–25	.00096	98,111	94	98,064	5,319,263	54.22
25–26	.00095	98,017	93	97,971	5,221,199	53.27
26–27	.00093	97,924	91	97,878	5,123,228	52.32
27–28	.00094	97,833	92	97,786	5,025,350	51.37
28–29	.00096	97,741	94	97,694	4,927,564	50.41
29–30	.00100	97,647	98	97,598	4,829,870	49.46
30–31	.00105	97,549	103	97,498	4,732,272	48.51
31–32	.00109	97,446	106	97,393	4,634,774	47.56
32–33	.00114	97,340	112	97,284	4,537,381	46.61
33–34	.00120	97,228	116	97,170	4,440,097	45.67
34–35	.00125	97,112	122	97,051	4,342,927	44.72
35–36	.00132	96,990	128	96,927	4,245,876	43.78
36–37	.00139	96,862	134	96,795	4,148,949	42.83
37–38	.00147	96,728	142	96,657	4,052,154	41.89
38–39	.00155	96,586	150	96,511	3,955,497	40.95
39–40	.00164	96,436	158	96,357	3,858,986	40.02
40–41	.00173	96,278	167	96,195	3,762,629	39.08
41–42	.00184	96,111	177	96,023	3,666,434	38.15
42–43	.00196	95,934	188	95,840	3,570,411	37.22
43–44	.00211	95,746	202	95,645	3,474,571	36.29
44–45	.00228	95,544	218	95,435	3,378,926	35.37
45–46	.00250	95,326	237	95,208	3,283,491	34.44
46–47	.00274	95,089	261	94,958	3,188,283	33.53
47–48	.00300	94,828	285	94,685	3,093,325	32.62
48–49	.00325	94,543	307	94,390	2,998,640	31.72
49–50	.00350	94,236	330	94,071	2,904,250	30.82
50–51	.00378	93,906	354	93,729	2,810,179	29.93
51–52	.00414	93,552	388	93,358	2,716,450	29.04
52–53	.00457	93,164	426	92,951	2,623,092	28.16
53–54	.00509	92,738	471	92,503	2,530,141	27.28
54–55	.00568	92,267	525	92,004	2,437,638	26.42

Table 4. Life table for the white population: Washington, 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	\bar{e}_x
55–56 . . . . .	.00633	91,742	581	91,452	2,345,634	25.57
56–57 . . . . .	.00704	91,161	641	90,841	2,254,182	24.73
57–58 . . . . .	.00783	90,520	709	90,165	2,163,341	23.90
58–59 . . . . .	.00869	89,811	780	89,421	2,073,176	23.08
59–60 . . . . .	.00962	89,031	857	88,602	1,983,755	22.28
60–61 . . . . .	.01057	88,174	931	87,709	1,895,153	21.49
61–62 . . . . .	.01155	87,243	1,008	86,739	1,807,444	20.72
62–63 . . . . .	.01260	86,235	1,086	85,691	1,720,705	19.95
63–64 . . . . .	.01372	85,149	1,169	84,565	1,635,014	19.20
64–65 . . . . .	.01491	83,980	1,252	83,354	1,550,449	18.46
65–66 . . . . .	.01609	82,728	1,331	82,062	1,467,095	17.73
66–67 . . . . .	.01732	81,397	1,410	80,692	1,385,033	17.02
67–68 . . . . .	.01875	79,987	1,499	79,238	1,304,341	16.31
68–69 . . . . .	.02052	78,488	1,610	77,683	1,225,103	15.61
69–70 . . . . .	.02264	76,878	1,741	76,007	1,147,420	14.93
70–71 . . . . .	.02508	75,137	1,885	74,194	1,071,413	14.26
71–72 . . . . .	.02770	73,252	2,029	72,238	997,219	13.61
72–73 . . . . .	.03043	71,223	2,167	70,139	924,981	12.99
73–74 . . . . .	.03310	69,056	2,286	67,913	854,842	12.38
74–75 . . . . .	.03574	66,770	2,386	65,577	786,929	11.79
75–76 . . . . .	.03849	64,384	2,479	63,144	721,352	11.20
76–77 . . . . .	.04158	61,905	2,574	60,619	658,208	10.63
77–78 . . . . .	.04511	59,331	2,676	57,992	597,589	10.07
78–79 . . . . .	.04933	56,655	2,795	55,258	539,597	9.52
79–80 . . . . .	.05428	53,860	2,924	52,398	484,339	8.99
80–81 . . . . .	.06002	50,936	3,057	49,408	431,941	8.48
81–82 . . . . .	.06637	47,879	3,178	46,290	382,533	7.99
82–83 . . . . .	.07316	44,701	3,270	43,066	336,243	7.52
83–84 . . . . .	.08012	41,431	3,320	39,771	293,177	7.08
84–85 . . . . .	.08733	38,111	3,328	36,447	253,406	6.65
85–86 . . . . .	.09567	34,783	3,328	33,119	216,959	6.24
86–87 . . . . .	.10531	31,455	3,312	29,800	183,840	5.84
87–88 . . . . .	.11571	28,143	3,257	26,514	154,040	5.47
88–89 . . . . .	.12664	24,886	3,151	23,311	127,526	5.12
89–90 . . . . .	.13826	21,735	3,005	20,232	104,215	4.79
90–91 . . . . .	.15120	18,730	2,832	17,314	83,983	4.48
91–92 . . . . .	.16559	15,898	2,633	14,581	66,669	4.19
92–93 . . . . .	.18064	13,265	2,396	12,067	52,088	3.93
93–94 . . . . .	.19593	10,869	2,130	9,805	40,021	3.68
94–95 . . . . .	.21154	8,739	1,848	7,815	30,216	3.46
95–96 . . . . .	.22760	6,891	1,569	6,106	22,401	3.25
96–97 . . . . .	.24414	5,322	1,299	4,673	16,295	3.06
97–98 . . . . .	.26009	4,023	1,046	3,500	11,622	2.89
98–99 . . . . .	.27538	2,977	820	2,567	8,122	2.73
99–100 . . . . .	.29135	2,157	628	1,842	5,555	2.58
100–101 . . . . .	.30824	1,529	472	1,293	3,713	2.43
101–102 . . . . .	.32612	1,057	344	885	2,420	2.29
102–103 . . . . .	.34504	713	246	590	1,535	2.15
103–104 . . . . .	.36505	467	171	381	945	2.03
104–105 . . . . .	.38622	296	114	239	564	1.90
105–106 . . . . .	.40862	182	74	145	325	1.78
106–107 . . . . .	.43232	108	47	84	180	1.67
107–108 . . . . .	.45740	61	28	48	96	1.56
108–109 . . . . .	.48393	33	16	25	48	1.46
109–110 . . . . .	.51200	17	9	12	23	1.36

Table 5. Life table for white males: Washington, 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	\bar{e}_x
0–1	.00849	100,000	849	99,363	7,396,961	73.97
1–2	.00060	99,151	59	99,122	7,297,598	73.60
2–3	.00042	99,092	42	99,071	7,198,476	72.64
3–4	.00032	99,050	31	99,034	7,099,405	71.67
4–5	.00027	99,019	27	99,006	7,000,371	70.70
5–6	.00024	98,992	24	98,980	6,901,365	69.72
6–7	.00023	98,968	23	98,956	6,802,385	68.73
7–8	.00022	98,945	22	98,934	6,703,429	67.75
8–9	.00020	98,923	19	98,913	6,604,495	66.76
9–10	.00017	98,904	17	98,896	6,505,582	65.78
10–11	.00014	98,887	13	98,880	6,406,686	64.79
11–12	.00014	98,874	14	98,867	6,307,806	63.80
12–13	.00020	98,860	19	98,851	6,208,939	62.81
13–14	.00034	98,841	34	98,824	6,110,088	61.82
14–15	.00054	98,807	53	98,780	6,011,264	60.84
15–16	.00077	98,754	76	98,716	5,912,484	59.87
16–17	.00099	98,678	98	98,629	5,813,768	58.92
17–18	.00117	98,580	115	98,523	5,715,139	57.97
18–19	.00127	98,465	125	98,403	5,616,616	57.04
19–20	.00131	98,340	128	98,276	5,518,213	56.11
20–21	.00134	98,212	132	98,145	5,419,937	55.19
21–22	.00138	98,080	135	98,013	5,321,792	54.26
22–23	.00140	97,945	137	97,877	5,223,779	53.33
23–24	.00140	97,808	137	97,740	5,125,902	52.41
24–25	.00139	97,671	136	97,603	5,028,162	51.48
25–26	.00138	97,535	134	97,468	4,930,559	50.55
26–27	.00137	97,401	133	97,335	4,833,091	49.62
27–28	.00138	97,268	135	97,200	4,735,756	48.69
28–29	.00142	97,133	137	97,065	4,638,556	47.75
29–30	.00148	96,996	144	96,924	4,541,491	46.82
30–31	.00154	96,852	149	96,777	4,444,567	45.89
31–32	.00160	96,703	155	96,626	4,347,790	44.96
32–33	.00167	96,548	161	96,467	4,251,164	44.03
33–34	.00175	96,387	169	96,303	4,154,697	43.10
34–35	.00183	96,218	176	96,130	4,058,394	42.18
35–36	.00193	96,042	185	95,949	3,962,264	41.26
36–37	.00203	95,857	195	95,760	3,866,315	40.33
37–38	.00212	95,662	203	95,561	3,770,555	39.42
38–39	.00221	95,459	211	95,353	3,674,994	38.50
39–40	.00230	95,248	219	95,139	3,579,641	37.58
40–41	.00239	95,029	227	94,916	3,484,502	36.67
41–42	.00249	94,802	236	94,684	3,389,586	35.75
42–43	.00261	94,566	246	94,443	3,294,902	34.84
43–44	.00274	94,320	259	94,191	3,200,459	33.93
44–45	.00290	94,061	272	93,925	3,106,268	33.02
45–46	.00310	93,789	291	93,643	3,012,343	32.12
46–47	.00333	93,498	311	93,343	2,918,700	31.22
47–48	.00360	93,187	336	93,019	2,825,357	30.32
48–49	.00389	92,851	361	92,671	2,732,338	29.43
49–50	.00423	92,490	391	92,294	2,639,667	28.54
50–51	.00462	92,099	426	91,886	2,547,373	27.66
51–52	.00510	91,673	468	91,439	2,455,487	26.79
52–53	.00566	91,205	516	90,948	2,364,048	25.92
53–54	.00628	90,689	569	90,404	2,273,100	25.06
54–55	.00697	90,120	628	89,806	2,182,696	24.22

Table 5. Life table for white males: Washington, 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	\bar{e}_x
55–56 . . . . .	.00772	89,492	691	89,147	2,092,890	23.39
56–57 . . . . .	.00856	88,801	760	88,421	2,003,743	22.56
57–58 . . . . .	.00951	88,041	837	87,622	1,915,322	21.75
58–59 . . . . .	.01059	87,204	923	86,742	1,827,700	20.96
59–60 . . . . .	.01177	86,281	1,016	85,773	1,740,958	20.18
60–61 . . . . .	.01299	85,265	1,107	84,712	1,655,185	19.41
61–62 . . . . .	.01426	84,158	1,201	83,557	1,570,473	18.66
62–63 . . . . .	.01566	82,957	1,298	82,308	1,486,916	17.92
63–64 . . . . .	.01719	81,659	1,404	80,957	1,404,608	17.20
64–65 . . . . .	.01884	80,255	1,512	79,499	1,323,651	16.49
65–66 . . . . .	.02049	78,743	1,613	77,937	1,244,152	15.80
66–67 . . . . .	.02217	77,130	1,710	76,275	1,166,215	15.12
67–68 . . . . .	.02411	75,420	1,818	74,511	1,089,940	14.45
68–69 . . . . .	.02645	73,602	1,947	72,628	1,015,429	13.80
69–70 . . . . .	.02922	71,655	2,093	70,609	942,801	13.16
70–71 . . . . .	.03238	69,562	2,252	68,436	872,192	12.54
71–72 . . . . .	.03574	67,310	2,406	66,107	803,756	11.94
72–73 . . . . .	.03918	64,904	2,543	63,632	737,649	11.37
73–74 . . . . .	.04248	62,361	2,649	61,037	674,017	10.81
74–75 . . . . .	.04570	59,712	2,729	58,348	612,980	10.27
75–76 . . . . .	.04904	56,983	2,794	55,586	554,632	9.73
76–77 . . . . .	.05284	54,189	2,864	52,756	499,046	9.21
77–78 . . . . .	.05729	51,325	2,940	49,855	446,290	8.70
78–79 . . . . .	.06272	48,385	3,035	46,867	396,435	8.19
79–80 . . . . .	.06927	45,350	3,141	43,780	349,568	7.71
80–81 . . . . .	.07723	42,209	3,260	40,579	305,788	7.24
81–82 . . . . .	.08628	38,949	3,361	37,268	265,209	6.81
82–83 . . . . .	.09569	35,588	3,405	33,886	227,941	6.40
83–84 . . . . .	.10440	32,183	3,360	30,503	194,055	6.03
84–85 . . . . .	.11232	28,823	3,237	27,205	163,552	5.67
85–86 . . . . .	.12131	25,586	3,104	24,034	136,347	5.33
86–87 . . . . .	.13219	22,482	2,972	20,996	112,313	5.00
87–88 . . . . .	.14410	19,510	2,811	18,104	91,317	4.68
88–89 . . . . .	.15700	16,699	2,622	15,388	73,213	4.38
89–90 . . . . .	.17081	14,077	2,405	12,875	57,825	4.11
90–91 . . . . .	.18564	11,672	2,166	10,589	44,950	3.85
91–92 . . . . .	.20153	9,506	1,916	8,547	34,361	3.61
92–93 . . . . .	.21787	7,590	1,654	6,763	25,814	3.40
93–94 . . . . .	.23390	5,936	1,388	5,242	19,051	3.21
94–95 . . . . .	.24901	4,548	1,133	3,982	13,809	3.04
95–96 . . . . .	.26329	3,415	899	2,966	9,827	2.88
96–97 . . . . .	.27914	2,516	702	2,165	6,861	2.73
97–98 . . . . .	.29399	1,814	533	1,547	4,696	2.59
98–99 . . . . .	.30869	1,281	396	1,083	3,149	2.46
99–100 . . . . .	.32413	885	287	741	2,066	2.33
100–101 . . . . .	.34033	598	203	497	1,325	2.21
101–102 . . . . .	.35735	395	141	324	828	2.10
102–103 . . . . .	.37522	254	96	206	504	1.99
103–104 . . . . .	.39398	158	62	127	298	1.88
104–105 . . . . .	.41368	96	40	76	171	1.78
105–106 . . . . .	.43436	56	24	45	95	1.68
106–107 . . . . .	.45608	32	15	24	50	1.58
107–108 . . . . .	.47888	17	8	13	26	1.49
108–109 . . . . .	.50282	9	5	7	13	1.41
109–110 . . . . .	.52797	4	2	3	6	1.32

Table 6. Life table for white females: Washington, 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	\bar{e}_x
0–1	.00704	100,000	704	99,484	7,980,898	79.81
1–2	.00056	99,296	56	99,269	7,881,414	79.37
2–3	.00033	99,240	32	99,224	7,782,145	78.42
3–4	.00025	99,208	25	99,195	7,682,921	77.44
4–5	.00021	99,183	21	99,173	7,583,726	76.46
5–6	.00019	99,162	19	99,152	7,484,553	75.48
6–7	.00018	99,143	17	99,135	7,385,401	74.49
7–8	.00016	99,126	16	99,117	7,286,266	73.51
8–9	.00015	99,110	15	99,102	7,187,149	72.52
9–10	.00013	99,095	13	99,089	7,088,047	71.53
10–11	.00012	99,082	11	99,076	6,988,958	70.54
11–12	.00011	99,071	12	99,065	6,889,882	69.55
12–13	.00013	99,059	13	99,053	6,790,817	68.55
13–14	.00018	99,046	18	99,037	6,691,764	67.56
14–15	.00025	99,028	24	99,016	6,592,727	66.57
15–16	.00032	99,004	32	98,988	6,493,711	65.59
16–17	.00040	98,972	39	98,953	6,394,723	64.61
17–18	.00046	98,933	45	98,910	6,295,770	63.64
18–19	.00049	98,888	49	98,863	6,196,860	62.67
19–20	.00051	98,839	50	98,814	6,097,997	61.70
20–21	.00052	98,789	52	98,763	5,999,183	60.73
21–22	.00054	98,737	53	98,711	5,900,420	59.76
22–23	.00054	98,684	53	98,657	5,801,709	58.79
23–24	.00053	98,631	53	98,605	5,703,052	57.82
24–25	.00051	98,578	50	98,553	5,604,447	56.85
25–26	.00050	98,528	49	98,503	5,505,894	55.88
26–27	.00048	98,479	48	98,456	5,407,391	54.91
27–28	.00048	98,431	47	98,407	5,308,935	53.94
28–29	.00049	98,384	48	98,360	5,210,528	52.96
29–30	.00052	98,336	51	98,310	5,112,168	51.99
30–31	.00055	98,285	55	98,258	5,013,858	51.01
31–32	.00058	98,230	57	98,202	4,915,600	50.04
32–33	.00061	98,173	60	98,143	4,817,398	49.07
33–34	.00064	98,113	63	98,082	4,719,255	48.10
34–35	.00067	98,050	65	98,017	4,621,173	47.13
35–36	.00071	97,985	70	97,950	4,523,156	46.16
36–37	.00075	97,915	73	97,879	4,425,206	45.19
37–38	.00081	97,842	79	97,803	4,327,327	44.23
38–39	.00088	97,763	86	97,720	4,229,524	43.26
39–40	.00098	97,677	95	97,629	4,131,804	42.30
40–41	.00108	97,582	105	97,530	4,034,175	41.34
41–42	.00119	97,477	116	97,419	3,936,645	40.39
42–43	.00131	97,361	128	97,297	3,839,226	39.43
43–44	.00147	97,233	142	97,162	3,741,929	38.48
44–45	.00165	97,091	160	97,011	3,644,767	37.54
45–46	.00188	96,931	182	96,840	3,547,756	36.60
46–47	.00214	96,749	207	96,645	3,450,916	35.67
47–48	.00239	96,542	231	96,426	3,354,271	34.74
48–49	.00258	96,311	248	96,187	3,257,845	33.83
49–50	.00274	96,063	263	95,931	3,161,658	32.91
50–51	.00291	95,800	279	95,661	3,065,727	32.00
51–52	.00315	95,521	301	95,370	2,970,066	31.09
52–53	.00346	95,220	329	95,056	2,874,696	30.19
53–54	.00387	94,891	368	94,707	2,779,640	29.29
54–55	.00438	94,523	413	94,317	2,684,933	28.40

Table 6. Life table for white females: Washington, 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	\bar{e}_x
55–56 . . . . .	.00493	94,110	464	93,878	2,590,616	27.53
56–57 . . . . .	.00552	93,646	516	93,388	2,496,738	26.66
57–58 . . . . .	.00615	93,130	573	92,843	2,403,350	25.81
58–59 . . . . .	.00683	92,557	632	92,240	2,310,507	24.96
59–60 . . . . .	.00753	91,925	693	91,579	2,218,267	24.13
60–61 . . . . .	.00826	91,232	753	90,855	2,126,688	23.31
61–62 . . . . .	.00900	90,479	814	90,072	2,035,833	22.50
62–63 . . . . .	.00977	89,665	876	89,227	1,945,761	21.70
63–64 . . . . .	.01056	88,789	938	88,320	1,856,534	20.91
64–65 . . . . .	.01138	87,851	1,000	87,351	1,768,214	20.13
65–66 . . . . .	.01220	86,851	1,060	86,321	1,680,863	19.35
66–67 . . . . .	.01308	85,791	1,121	85,231	1,594,542	18.59
67–68 . . . . .	.01412	84,670	1,196	84,072	1,509,311	17.83
68–69 . . . . .	.01544	83,474	1,289	82,829	1,425,239	17.07
69–70 . . . . .	.01707	82,185	1,403	81,483	1,342,410	16.33
70–71 . . . . .	.01894	80,782	1,530	80,017	1,260,927	15.61
71–72 . . . . .	.02099	79,252	1,664	78,420	1,180,910	14.90
72–73 . . . . .	.02322	77,588	1,802	76,687	1,102,490	14.21
73–74 . . . . .	.02554	75,786	1,935	74,819	1,025,803	13.54
74–75 . . . . .	.02793	73,851	2,062	72,819	950,984	12.88
75–76 . . . . .	.03045	71,789	2,186	70,696	878,165	12.23
76–77 . . . . .	.03325	69,603	2,314	68,446	807,469	11.60
77–78 . . . . .	.03640	67,289	2,450	66,064	739,023	10.98
78–79 . . . . .	.04007	64,839	2,598	63,540	672,959	10.38
79–80 . . . . .	.04432	62,241	2,758	60,862	609,419	9.79
80–81 . . . . .	.04907	59,483	2,919	58,023	548,557	9.22
81–82 . . . . .	.05430	56,564	3,072	55,027	490,534	8.67
82–83 . . . . .	.06018	53,492	3,219	51,883	435,507	8.14
83–84 . . . . .	.06676	50,273	3,356	48,595	383,624	7.63
84–85 . . . . .	.07417	46,917	3,480	45,176	335,029	7.14
85–86 . . . . .	.08289	43,437	3,600	41,637	289,853	6.67
86–87 . . . . .	.09273	39,837	3,695	37,990	248,216	6.23
87–88 . . . . .	.10323	36,142	3,731	34,277	210,226	5.82
88–89 . . . . .	.11410	32,411	3,698	30,562	175,949	5.43
89–90 . . . . .	.12558	28,713	3,606	26,910	145,387	5.06
90–91 . . . . .	.13862	25,107	3,480	23,367	118,477	4.72
91–92 . . . . .	.15332	21,627	3,316	19,969	95,110	4.40
92–93 . . . . .	.16873	18,311	3,090	16,766	75,141	4.10
93–94 . . . . .	.18442	15,221	2,807	13,818	58,375	3.84
94–95 . . . . .	.20059	12,414	2,490	11,169	44,557	3.59
95–96 . . . . .	.21737	9,924	2,157	8,845	33,388	3.36
96–97 . . . . .	.23434	7,767	1,820	6,857	24,543	3.16
97–98 . . . . .	.25091	5,947	1,492	5,201	17,686	2.97
98–99 . . . . .	.26715	4,455	1,190	3,859	12,485	2.80
99–100 . . . . .	.28318	3,265	925	2,803	8,626	2.64
100–101 . . . . .	.30017	2,340	702	1,989	5,823	2.49
101–102 . . . . .	.31818	1,638	521	1,377	3,834	2.34
102–103 . . . . .	.33727	1,117	377	928	2,457	2.20
103–104 . . . . .	.35750	740	265	608	1,529	2.07
104–105 . . . . .	.37895	475	180	385	921	1.94
105–106 . . . . .	.40169	295	118	236	536	1.81
106–107 . . . . .	.42579	177	76	139	300	1.70
107–108 . . . . .	.45134	101	45	79	161	1.59
108–109 . . . . .	.47842	56	27	42	82	1.48
109–110 . . . . .	.50712	29	15	22	40	1.38

Table 7. Life table for the population other than white: Washington, 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	\bar{e}_x
0-1	.01175	100,000	1,175	99,133	7,609,335	76.09
1-2	.00094	98,825	93	98,779	7,510,202	75.99
2-3	.00046	98,732	45	98,710	7,411,423	75.07
3-4	.00036	98,687	35	98,670	7,312,713	74.10
4-5	.00029	98,652	29	98,637	7,214,043	73.13
5-6	.00025	98,623	25	98,610	7,115,406	72.15
6-7	.00023	98,598	22	98,587	7,016,796	71.17
7-8	.00021	98,576	20	98,566	6,918,209	70.18
8-9	.00019	98,556	19	98,546	6,819,643	69.20
9-10	.00017	98,537	16	98,529	6,721,097	68.21
10-11	.00015	98,521	15	98,513	6,622,568	67.22
11-12	.00016	98,506	17	98,498	6,524,055	66.23
12-13	.00022	98,489	21	98,478	6,425,557	65.24
13-14	.00034	98,468	34	98,451	6,327,079	64.26
14-15	.00049	98,434	48	98,410	6,228,628	63.28
15-16	.00066	98,386	65	98,354	6,130,218	62.31
16-17	.00081	98,321	79	98,281	6,031,864	61.35
17-18	.00093	98,242	92	98,196	5,933,583	60.40
18-19	.00101	98,150	99	98,101	5,835,387	59.45
19-20	.00106	98,051	104	97,999	5,737,286	58.51
20-21	.00111	97,947	108	97,893	5,639,287	57.57
21-22	.00115	97,839	113	97,782	5,541,394	56.64
22-23	.00118	97,726	116	97,668	5,443,612	55.70
23-24	.00119	97,610	116	97,552	5,345,944	54.77
24-25	.00119	97,494	116	97,436	5,248,392	53.83
25-26	.00119	97,378	116	97,320	5,150,956	52.90
26-27	.00118	97,262	115	97,204	5,053,636	51.96
27-28	.00121	97,147	117	97,089	4,956,432	51.02
28-29	.00126	97,030	123	96,968	4,859,343	50.08
29-30	.00134	96,907	129	96,843	4,762,375	49.14
30-31	.00142	96,778	138	96,708	4,665,532	48.21
31-32	.00151	96,640	146	96,568	4,568,824	47.28
32-33	.00159	96,494	153	96,417	4,472,256	46.35
33-34	.00167	96,341	161	96,261	4,375,839	45.42
34-35	.00175	96,180	168	96,096	4,279,578	44.50
35-36	.00184	96,012	178	95,923	4,183,482	43.57
36-37	.00194	95,834	186	95,741	4,087,559	42.65
37-38	.00205	95,648	195	95,551	3,991,818	41.73
38-39	.00215	95,453	206	95,350	3,896,267	40.82
39-40	.00227	95,247	216	95,139	3,800,917	39.91
40-41	.00240	95,031	228	94,917	3,705,778	39.00
41-42	.00254	94,803	240	94,683	3,610,861	38.09
42-43	.00267	94,563	253	94,437	3,516,178	37.18
43-44	.00278	94,310	262	94,179	3,421,741	36.28
44-45	.00287	94,048	270	93,913	3,327,562	35.38
45-46	.00298	93,778	280	93,638	3,233,649	34.48
46-47	.00313	93,498	292	93,352	3,140,011	33.58
47-48	.00334	93,206	312	93,051	3,046,659	32.69
48-49	.00366	92,894	340	92,724	2,953,608	31.80
49-50	.00406	92,554	376	92,366	2,860,884	30.91
50-51	.00452	92,178	416	91,970	2,768,518	30.03
51-52	.00502	91,762	461	91,531	2,676,548	29.17
52-53	.00555	91,301	507	91,048	2,585,017	28.31
53-54	.00610	90,794	554	90,517	2,493,969	27.47
54-55	.00669	90,240	604	89,938	2,403,452	26.63

Table 7. Life table for the population other than white: Washington, 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	\bar{e}_x
55-56 . . . . .	.00731	89,636	655	89,309	2,313,514	25.81
56-57 . . . . .	.00798	88,981	710	88,626	2,224,205	25.00
57-58 . . . . .	.00875	88,271	772	87,886	2,135,579	24.19
58-59 . . . . .	.00964	87,499	844	87,077	2,047,693	23.40
59-60 . . . . .	.01063	86,655	921	86,195	1,960,616	22.63
60-61 . . . . .	.01166	85,734	1,000	85,234	1,874,421	21.86
61-62 . . . . .	.01268	84,734	1,074	84,197	1,789,187	21.12
62-63 . . . . .	.01373	83,660	1,149	83,085	1,704,990	20.38
63-64 . . . . .	.01479	82,511	1,220	81,901	1,621,905	19.66
64-65 . . . . .	.01587	81,291	1,290	80,646	1,540,004	18.94
65-66 . . . . .	.01698	80,001	1,358	79,322	1,459,358	18.24
66-67 . . . . .	.01812	78,643	1,425	77,931	1,380,036	17.55
67-68 . . . . .	.01931	77,218	1,491	76,473	1,302,105	16.86
68-69 . . . . .	.02062	75,727	1,561	74,946	1,225,632	16.18
69-70 . . . . .	.02212	74,166	1,640	73,346	1,150,686	15.52
70-71 . . . . .	.02386	72,526	1,731	71,660	1,077,340	14.85
71-72 . . . . .	.02587	70,795	1,831	69,880	1,005,680	14.21
72-73 . . . . .	.02822	68,964	1,947	67,990	935,800	13.57
73-74 . . . . .	.03082	67,017	2,065	65,985	867,810	12.95
74-75 . . . . .	.03359	64,952	2,182	63,860	801,825	12.34
75-76 . . . . .	.03658	62,770	2,296	61,623	737,965	11.76
76-77 . . . . .	.03987	60,474	2,411	59,268	676,342	11.18
77-78 . . . . .	.04339	58,063	2,519	56,804	617,074	10.63
78-79 . . . . .	.04718	55,544	2,621	54,233	560,270	10.09
79-80 . . . . .	.05139	52,923	2,720	51,563	506,037	9.56
80-81 . . . . .	.05622	50,203	2,822	48,793	454,474	9.05
81-82 . . . . .	.06166	47,381	2,921	45,920	405,681	8.56
82-83 . . . . .	.06754	44,460	3,003	42,958	359,761	8.09
83-84 . . . . .	.07358	41,457	3,051	39,932	316,803	7.64
84-85 . . . . .	.07970	38,406	3,060	36,876	276,871	7.21
85-86 . . . . .	.08749	35,346	3,093	33,799	239,995	6.79
86-87 . . . . .	.09609	32,253	3,099	30,704	206,196	6.39
87-88 . . . . .	.10514	29,154	3,065	27,621	175,492	6.02
88-89 . . . . .	.11474	26,089	2,994	24,592	147,871	5.67
89-90 . . . . .	.12496	23,095	2,886	21,653	123,279	5.34
90-91 . . . . .	.13576	20,209	2,743	18,837	101,626	5.03
91-92 . . . . .	.14714	17,466	2,570	16,181	82,789	4.74
92-93 . . . . .	.15915	14,896	2,371	13,711	66,608	4.47
93-94 . . . . .	.17158	12,525	2,149	11,450	52,897	4.22
94-95 . . . . .	.18395	10,376	1,909	9,422	41,447	3.99
95-96 . . . . .	.19586	8,467	1,658	7,638	32,025	3.78
96-97 . . . . .	.20830	6,809	1,418	6,100	24,387	3.58
97-98 . . . . .	.22089	5,391	1,191	4,795	18,287	3.39
98-99 . . . . .	.23370	4,200	982	3,709	13,492	3.21
99-100 . . . . .	.24726	3,218	795	2,821	9,783	3.04
100-101 . . . . .	.26160	2,423	634	2,106	6,962	2.87
101-102 . . . . .	.27677	1,789	495	1,541	4,856	2.71
102-103 . . . . .	.29282	1,294	379	1,104	3,315	2.56
103-104 . . . . .	.30981	915	284	774	2,211	2.42
104-105 . . . . .	.32778	631	207	528	1,437	2.28
105-106 . . . . .	.34679	424	147	350	909	2.14
106-107 . . . . .	.36690	277	101	227	559	2.01
107-108 . . . . .	.38818	176	69	141	332	1.89
108-109 . . . . .	.41070	107	44	86	191	1.78
109-110 . . . . .	.43452	63	27	49	105	1.66

Table 8. Life table for males other than white: Washington, 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	\bar{e}_x
0-1	.01274	100,000	1,274	99,042	7,272,062	72.72
1-2	.00098	98,726	97	98,678	7,173,020	72.66
2-3	.00048	98,629	48	98,605	7,074,342	71.73
3-4	.00037	98,581	36	98,563	6,975,737	70.76
4-5	.00030	98,545	29	98,531	6,877,174	69.79
5-6	.00025	98,516	25	98,503	6,778,643	68.81
6-7	.00023	98,491	23	98,480	6,680,140	67.82
7-8	.00022	98,468	22	98,457	6,581,660	66.84
8-9	.00021	98,446	20	98,436	6,483,203	65.86
9-10	.00018	98,426	18	98,417	6,384,767	64.87
10-11	.00017	98,408	16	98,400	6,286,350	63.88
11-12	.00019	98,392	19	98,382	6,187,950	62.89
12-13	.00029	98,373	28	98,359	6,089,568	61.90
13-14	.00047	98,345	47	98,322	5,991,209	60.92
14-15	.00072	98,298	70	98,263	5,892,887	59.95
15-16	.00098	98,228	97	98,179	5,794,624	58.99
16-17	.00122	98,131	120	98,071	5,696,445	58.05
17-18	.00141	98,011	138	97,942	5,598,374	57.12
18-19	.00152	97,873	149	97,799	5,500,432	56.20
19-20	.00157	97,724	153	97,648	5,402,633	55.28
20-21	.00161	97,571	158	97,492	5,304,985	54.37
21-22	.00166	97,413	161	97,332	5,207,493	53.46
22-23	.00169	97,252	164	97,170	5,110,161	52.55
23-24	.00169	97,088	164	97,006	5,012,991	51.63
24-25	.00167	96,924	162	96,843	4,915,985	50.72
25-26	.00164	96,762	158	96,682	4,819,142	49.80
26-27	.00161	96,604	156	96,526	4,722,460	48.88
27-28	.00164	96,448	159	96,368	4,625,934	47.96
28-29	.00173	96,289	166	96,207	4,529,566	47.04
29-30	.00188	96,123	181	96,032	4,433,359	46.12
30-31	.00203	95,942	195	95,845	4,337,327	45.21
31-32	.00218	95,747	209	95,643	4,241,482	44.30
32-33	.00230	95,538	219	95,428	4,145,839	43.39
33-34	.00239	95,319	228	95,205	4,050,411	42.49
34-35	.00245	95,091	233	94,975	3,955,206	41.59
35-36	.00250	94,858	237	94,740	3,860,231	40.69
36-37	.00257	94,621	243	94,499	3,765,491	39.80
37-38	.00267	94,378	252	94,252	3,670,992	38.90
38-39	.00280	94,126	263	93,995	3,576,740	38.00
39-40	.00297	93,863	279	93,723	3,482,745	37.10
40-41	.00318	93,584	298	93,435	3,389,022	36.21
41-42	.00339	93,286	316	93,128	3,295,587	35.33
42-43	.00357	92,970	332	92,804	3,202,459	34.45
43-44	.00368	92,638	341	92,467	3,109,655	33.57
44-45	.00375	92,297	346	92,124	3,017,188	32.69
45-46	.00380	91,951	349	91,776	2,925,064	31.81
46-47	.00390	91,602	358	91,423	2,833,288	30.93
47-48	.00412	91,244	376	91,056	2,741,865	30.05
48-49	.00451	90,868	410	90,663	2,650,809	29.17
49-50	.00505	90,458	457	90,230	2,560,146	28.30
50-51	.00569	90,001	512	89,745	2,469,916	27.44
51-52	.00636	89,489	570	89,204	2,380,171	26.60
52-53	.00706	88,919	627	88,605	2,290,967	25.76
53-54	.00775	88,292	685	87,949	2,202,362	24.94
54-55	.00847	87,607	742	87,236	2,114,413	24.14

Table 8. Life table for males other than white: Washington, 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	\bar{e}_x
55–56 . . . . .	.00923	86,865	802	86,464	2,027,177	23.34
56–57 . . . . .	.01009	86,063	869	85,628	1,940,713	22.55
57–58 . . . . .	.01114	85,194	949	84,720	1,855,085	21.77
58–59 . . . . .	.01245	84,245	1,049	83,720	1,770,365	21.01
59–60 . . . . .	.01395	83,196	1,161	82,616	1,686,645	20.27
60–61 . . . . .	.01559	82,035	1,278	81,396	1,604,029	19.55
61–62 . . . . .	.01723	80,757	1,392	80,061	1,522,633	18.85
62–63 . . . . .	.01872	79,365	1,486	78,622	1,442,572	18.18
63–64 . . . . .	.01994	77,879	1,553	77,102	1,363,950	17.51
64–65 . . . . .	.02093	76,326	1,597	75,528	1,286,848	16.86
65–66 . . . . .	.02179	74,729	1,629	73,914	1,211,320	16.21
66–67 . . . . .	.02272	73,100	1,661	72,270	1,137,406	15.56
67–68 . . . . .	.02396	71,439	1,711	70,584	1,065,136	14.91
68–69 . . . . .	.02575	69,728	1,796	68,830	994,552	14.26
69–70 . . . . .	.02816	67,932	1,913	66,976	925,722	13.63
70–71 . . . . .	.03108	66,019	2,052	64,993	858,746	13.01
71–72 . . . . .	.03431	63,967	2,194	62,870	793,753	12.41
72–73 . . . . .	.03780	61,773	2,335	60,605	730,883	11.83
73–74 . . . . .	.04124	59,438	2,451	58,213	670,278	11.28
74–75 . . . . .	.04455	56,987	2,539	55,717	612,065	10.74
75–76 . . . . .	.04803	54,448	2,615	53,141	556,348	10.22
76–77 . . . . .	.05201	51,833	2,696	50,484	503,207	9.71
77–78 . . . . .	.05628	49,137	2,765	47,755	452,723	9.21
78–79 . . . . .	.06096	46,372	2,827	44,958	404,968	8.73
79–80 . . . . .	.06616	43,545	2,881	42,105	360,010	8.27
80–81 . . . . .	.07201	40,664	2,928	39,200	317,905	7.82
81–82 . . . . .	.07842	37,736	2,959	36,256	278,705	7.39
82–83 . . . . .	.08525	34,777	2,965	33,294	242,449	6.97
83–84 . . . . .	.09224	31,812	2,934	30,345	209,155	6.57
84–85 . . . . .	.09941	28,878	2,871	27,442	178,810	6.19
85–86 . . . . .	.10908	26,007	2,837	24,589	151,368	5.82
86–87 . . . . .	.11977	23,170	2,775	21,783	126,779	5.47
87–88 . . . . .	.13078	20,395	2,667	19,061	104,996	5.15
88–89 . . . . .	.14196	17,728	2,517	16,469	85,935	4.85
89–90 . . . . .	.15355	15,211	2,336	14,044	69,466	4.57
90–91 . . . . .	.16597	12,875	2,136	11,807	55,422	4.30
91–92 . . . . .	.17982	10,739	1,931	9,773	43,615	4.06
92–93 . . . . .	.19486	8,808	1,717	7,949	33,842	3.84
93–94 . . . . .	.20967	7,091	1,487	6,348	25,893	3.65
94–95 . . . . .	.22137	5,604	1,240	4,984	19,545	3.49
95–96 . . . . .	.22903	4,364	1,000	3,865	14,561	3.34
96–97 . . . . .	.24048	3,364	809	2,959	10,696	3.18
97–98 . . . . .	.25250	2,555	645	2,233	7,737	3.03
98–99 . . . . .	.26513	1,910	506	1,657	5,504	2.88
99–100 . . . . .	.27838	1,404	391	1,208	3,847	2.74
100–101 . . . . .	.29230	1,013	296	865	2,639	2.61
101–102 . . . . .	.30692	717	220	607	1,774	2.47
102–103 . . . . .	.32226	497	160	417	1,167	2.35
103–104 . . . . .	.33837	337	114	280	750	2.23
104–105 . . . . .	.35529	223	79	183	470	2.11
105–106 . . . . .	.37306	144	54	117	287	2.00
106–107 . . . . .	.39171	90	35	72	170	1.89
107–108 . . . . .	.41130	55	23	44	98	1.79
108–109 . . . . .	.43186	32	14	25	54	1.69
109–110 . . . . .	.45345	18	8	14	29	1.59

Table 9. Life table for females other than white: Washington, 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	\bar{e}_x
0–1	.01071	100,000	1,071	99,230	7,958,926	79.59
1–2	.00089	98,929	88	98,885	7,859,696	79.45
2–3	.00043	98,841	42	98,820	7,760,811	78.52
3–4	.00036	98,799	36	98,781	7,661,991	77.55
4–5	.00029	98,763	28	98,749	7,563,210	76.58
5–6	.00025	98,735	25	98,723	7,464,461	75.60
6–7	.00022	98,710	21	98,699	7,365,738	74.62
7–8	.00019	98,689	19	98,680	7,267,039	73.64
8–9	.00017	98,670	17	98,662	7,168,359	72.65
9–10	.00015	98,653	14	98,646	7,069,697	71.66
10–11	.00014	98,639	14	98,631	6,971,051	70.67
11–12	.00014	98,625	14	98,618	6,872,420	69.68
12–13	.00016	98,611	15	98,604	6,773,802	68.69
13–14	.00020	98,596	20	98,586	6,675,198	67.70
14–15	.00025	98,576	24	98,564	6,576,612	66.72
15–16	.00031	98,552	31	98,536	6,478,048	65.73
16–17	.00037	98,521	37	98,503	6,379,512	64.75
17–18	.00042	98,484	41	98,463	6,281,009	63.78
18–19	.00046	98,443	46	98,420	6,182,546	62.80
19–20	.00049	98,397	48	98,373	6,084,126	61.83
20–21	.00052	98,349	52	98,322	5,985,753	60.86
21–22	.00056	98,297	55	98,270	5,887,431	59.89
22–23	.00059	98,242	58	98,214	5,789,161	58.93
23–24	.00063	98,184	61	98,153	5,690,947	57.96
24–25	.00066	98,123	65	98,090	5,592,794	57.00
25–26	.00070	98,058	69	98,024	5,494,704	56.04
26–27	.00073	97,989	71	97,954	5,396,680	55.07
27–28	.00076	97,918	75	97,880	5,298,726	54.11
28–29	.00079	97,843	77	97,804	5,200,846	53.16
29–30	.00080	97,766	79	97,727	5,103,042	52.20
30–31	.00082	97,687	80	97,647	5,005,315	51.24
31–32	.00084	97,607	81	97,567	4,907,668	50.28
32–33	.00089	97,526	87	97,482	4,810,101	49.32
33–34	.00097	97,439	94	97,392	4,712,619	48.36
34–35	.00108	97,345	106	97,292	4,615,227	47.41
35–36	.00121	97,239	117	97,181	4,517,935	46.46
36–37	.00134	97,122	130	97,056	4,420,754	45.52
37–38	.00145	96,992	141	96,922	4,323,698	44.58
38–39	.00154	96,851	148	96,777	4,226,776	43.64
39–40	.00160	96,703	155	96,625	4,129,999	42.71
40–41	.00167	96,548	161	96,467	4,033,374	41.78
41–42	.00175	96,387	169	96,303	3,936,907	40.84
42–43	.00184	96,218	177	96,130	3,840,604	39.92
43–44	.00194	96,041	186	95,948	3,744,474	38.99
44–45	.00207	95,855	198	95,756	3,648,526	38.06
45–46	.00221	95,657	212	95,551	3,552,770	37.14
46–47	.00240	95,445	229	95,331	3,457,219	36.22
47–48	.00261	95,216	248	95,092	3,361,888	35.31
48–49	.00286	94,968	272	94,832	3,266,796	34.40
49–50	.00313	94,696	296	94,548	3,171,964	33.50
50–51	.00343	94,400	324	94,238	3,077,416	32.60
51–52	.00376	94,076	354	93,899	2,983,178	31.71
52–53	.00415	93,722	389	93,527	2,889,279	30.83
53–54	.00460	93,333	430	93,118	2,795,752	29.95
54–55	.00511	92,903	475	92,666	2,702,634	29.09

Table 9. Life table for females other than white: Washington, 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	\bar{e}_x
55–56 . . . . .	.00565	92,428	522	92,168	2,609,968	28.24
56–57 . . . . .	.00620	91,906	570	91,621	2,517,800	27.40
57–58 . . . . .	.00679	91,336	620	91,026	2,426,179	26.56
58–59 . . . . .	.00741	90,716	672	90,380	2,335,153	25.74
59–60 . . . . .	.00805	90,044	725	89,681	2,244,773	24.93
60–61 . . . . .	.00867	89,319	774	88,932	2,155,092	24.13
61–62 . . . . .	.00930	88,545	823	88,133	2,066,160	23.33
62–63 . . . . .	.01004	87,722	881	87,281	1,978,027	22.55
63–64 . . . . .	.01096	86,841	952	86,365	1,890,746	21.77
64–65 . . . . .	.01204	85,889	1,034	85,372	1,804,381	21.01
65–66 . . . . .	.01325	84,855	1,125	84,292	1,719,009	20.26
66–67 . . . . .	.01447	83,730	1,211	83,125	1,634,717	19.52
67–68 . . . . .	.01555	82,519	1,283	81,878	1,551,592	18.80
68–69 . . . . .	.01641	81,236	1,333	80,569	1,469,714	18.09
69–70 . . . . .	.01714	79,903	1,370	79,219	1,389,145	17.39
70–71 . . . . .	.01787	78,533	1,403	77,832	1,309,926	16.68
71–72 . . . . .	.01881	77,130	1,451	76,404	1,232,094	15.97
72–73 . . . . .	.02014	75,679	1,524	74,917	1,155,690	15.27
73–74 . . . . .	.02200	74,155	1,631	73,340	1,080,773	14.57
74–75 . . . . .	.02429	72,524	1,762	71,643	1,007,433	13.89
75–76 . . . . .	.02689	70,762	1,903	69,811	935,790	13.22
76–77 . . . . .	.02966	68,859	2,042	67,838	865,979	12.58
77–78 . . . . .	.03255	66,817	2,175	65,729	798,141	11.95
78–79 . . . . .	.03555	64,642	2,298	63,494	732,412	11.33
79–80 . . . . .	.03880	62,344	2,419	61,134	668,918	10.73
80–81 . . . . .	.04258	59,925	2,552	58,650	607,784	10.14
81–82 . . . . .	.04701	57,373	2,696	56,025	549,134	9.57
82–83 . . . . .	.05197	54,677	2,842	53,256	493,109	9.02
83–84 . . . . .	.05727	51,835	2,969	50,350	439,853	8.49
84–85 . . . . .	.06280	48,866	3,069	47,332	389,503	7.97
85–86 . . . . .	.07023	45,797	3,216	44,189	342,171	7.47
86–87 . . . . .	.07846	42,581	3,341	40,911	297,982	7.00
87–88 . . . . .	.08749	39,240	3,433	37,523	257,071	6.55
88–89 . . . . .	.09751	35,807	3,491	34,062	219,548	6.13
89–90 . . . . .	.10849	32,316	3,506	30,562	185,486	5.74
90–91 . . . . .	.12017	28,810	3,462	27,079	154,924	5.38
91–92 . . . . .	.13220	25,348	3,351	23,672	127,845	5.04
92–93 . . . . .	.14453	21,997	3,180	20,407	104,173	4.74
93–94 . . . . .	.15715	18,817	2,957	17,339	83,766	4.45
94–95 . . . . .	.17011	15,860	2,698	14,511	66,427	4.19
95–96 . . . . .	.18338	13,162	2,413	11,956	51,916	3.94
96–97 . . . . .	.19682	10,749	2,116	9,691	39,960	3.72
97–98 . . . . .	.21089	8,633	1,821	7,722	30,269	3.51
98–99 . . . . .	.22557	6,812	1,536	6,044	22,547	3.31
99–100 . . . . .	.23911	5,276	1,262	4,645	16,503	3.13
100–101 . . . . .	.25346	4,014	1,017	3,506	11,858	2.95
101–102 . . . . .	.26866	2,997	805	2,594	8,352	2.79
102–103 . . . . .	.28478	2,192	624	1,880	5,758	2.63
103–104 . . . . .	.30187	1,568	474	1,331	3,878	2.47
104–105 . . . . .	.31998	1,094	350	919	2,547	2.33
105–106 . . . . .	.33918	744	252	618	1,628	2.19
106–107 . . . . .	.35953	492	177	403	1,010	2.05
107–108 . . . . .	.38110	315	120	255	607	1.93
108–109 . . . . .	.40397	195	79	156	352	1.80
109–110 . . . . .	.42821	116	50	91	196	1.69

Table 10. Life table for the black population: Washington, 1989-91

Age in years	Proportion dying	Of 100,000 born alive		Stationary population		Average remaining lifetime
		Number living at beginning of year of age	Number dying during year of age	In year of age	In this year of age and all subsequent years	
Period of life between two exact ages stated (1)	Proportion of persons alive at beginning of year of age dying during year (2)	(3)	(4)	(5)	(6)	(7)
x to x+1	q_x	l_x	d_x	L_x	T_x	\bar{e}_x
0-1	.01891	100,000	1,891	98,539	7,134,103	71.34
1-2	.00121	98,109	118	98,049	7,035,564	71.71
2-3	.00056	97,991	56	97,963	6,937,515	70.80
3-4	.00044	97,935	42	97,914	6,839,552	69.84
4-5	.00039	97,893	38	97,874	6,741,638	68.87
5-6	.00035	97,855	34	97,838	6,643,764	67.89
6-7	.00032	97,821	32	97,805	6,545,926	66.92
7-8	.00030	97,789	29	97,774	6,448,121	65.94
8-9	.00027	97,760	26	97,747	6,350,347	64.96
9-10	.00024	97,734	24	97,722	6,252,600	63.98
10-11	.00022	97,710	22	97,699	6,154,878	62.99
11-12	.00023	97,688	22	97,677	6,057,179	62.01
12-13	.00029	97,666	29	97,652	5,959,502	61.02
13-14	.00042	97,637	40	97,617	5,861,850	60.04
14-15	.00060	97,597	59	97,567	5,764,233	59.06
15-16	.00081	97,538	79	97,499	5,666,666	58.10
16-17	.00101	97,459	98	97,410	5,569,167	57.14
17-18	.00120	97,361	117	97,302	5,471,757	56.20
18-19	.00134	97,244	131	97,179	5,374,455	55.27
19-20	.00144	97,113	140	97,043	5,277,276	54.34
20-21	.00154	96,973	149	96,898	5,180,233	53.42
21-22	.00162	96,824	157	96,746	5,083,335	52.50
22-23	.00166	96,667	160	96,586	4,986,589	51.59
23-24	.00164	96,507	159	96,427	4,890,003	50.67
24-25	.00160	96,348	154	96,271	4,793,576	49.75
25-26	.00153	96,194	148	96,120	4,697,305	48.83
26-27	.00149	96,046	143	95,975	4,601,185	47.91
27-28	.00151	95,903	145	95,831	4,505,210	46.98
28-29	.00163	95,758	156	95,680	4,409,379	46.05
29-30	.00182	95,602	175	95,514	4,313,699	45.12
30-31	.00203	95,427	193	95,331	4,218,185	44.20
31-32	.00222	95,234	212	95,128	4,122,854	43.29
32-33	.00239	95,022	227	94,908	4,027,726	42.39
33-34	.00254	94,795	241	94,675	3,932,818	41.49
34-35	.00267	94,554	252	94,428	3,838,143	40.59
35-36	.00281	94,302	266	94,170	3,743,715	39.70
36-37	.00298	94,036	280	93,896	3,649,545	38.81
37-38	.00314	93,756	294	93,609	3,555,649	37.92
38-39	.00330	93,462	309	93,308	3,462,040	37.04
39-40	.00345	93,153	321	92,992	3,368,732	36.16
40-41	.00362	92,832	337	92,664	3,275,740	35.29
41-42	.00381	92,495	352	92,319	3,183,076	34.41
42-43	.00398	92,143	367	91,960	3,090,757	33.54
43-44	.00413	91,776	379	91,587	2,998,797	32.68
44-45	.00427	91,397	390	91,202	2,907,210	31.81
45-46	.00441	91,007	401	90,807	2,816,008	30.94
46-47	.00462	90,606	419	90,396	2,725,201	30.08
47-48	.00493	90,187	445	89,965	2,634,805	29.21
48-49	.00540	89,742	484	89,500	2,544,840	28.36
49-50	.00599	89,258	535	88,991	2,455,340	27.51
50-51	.00668	88,723	592	88,427	2,366,349	26.67
51-52	.00743	88,131	655	87,804	2,277,922	25.85
52-53	.00825	87,476	722	87,114	2,190,118	25.04
53-54	.00912	86,754	791	86,359	2,103,004	24.24
54-55	.01005	85,963	864	85,531	2,016,645	23.46

Table 10. Life table for the black population: Washington, 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	\bar{e}_x
55–56 . . . . .	.01103	85,099	939	84,629	1,931,114	22.69
56–57 . . . . .	.01208	84,160	1,017	83,652	1,846,485	21.94
57–58 . . . . .	.01330	83,143	1,106	82,590	1,762,833	21.20
58–59 . . . . .	.01472	82,037	1,208	81,433	1,680,243	20.48
59–60 . . . . .	.01630	80,829	1,318	80,170	1,598,810	19.78
60–61 . . . . .	.01796	79,511	1,428	78,798	1,518,640	19.10
61–62 . . . . .	.01961	78,083	1,531	77,318	1,439,842	18.44
62–63 . . . . .	.02118	76,552	1,621	75,741	1,362,524	17.80
63–64 . . . . .	.02262	74,931	1,695	74,083	1,286,783	17.17
64–65 . . . . .	.02394	73,236	1,753	72,360	1,212,700	16.56
65–66 . . . . .	.02512	71,483	1,796	70,585	1,140,340	15.95
66–67 . . . . .	.02634	69,687	1,835	68,769	1,069,755	15.35
67–68 . . . . .	.02793	67,852	1,896	66,904	1,000,986	14.75
68–69 . . . . .	.03017	65,956	1,990	64,962	934,082	14.16
69–70 . . . . .	.03315	63,966	2,120	62,906	869,120	13.59
70–71 . . . . .	.03685	61,846	2,279	60,706	806,214	13.04
71–72 . . . . .	.04092	59,567	2,438	58,348	745,508	12.52
72–73 . . . . .	.04500	57,129	2,570	55,844	687,160	12.03
73–74 . . . . .	.04837	54,559	2,639	53,239	631,316	11.57
74–75 . . . . .	.05093	51,920	2,645	50,597	578,077	11.13
75–76 . . . . .	.05337	49,275	2,630	47,960	527,480	10.70
76–77 . . . . .	.05622	46,645	2,622	45,334	479,520	10.28
77–78 . . . . .	.05906	44,023	2,600	42,723	434,186	9.86
78–79 . . . . .	.06206	41,423	2,571	40,137	391,463	9.45
79–80 . . . . .	.06534	38,852	2,539	37,582	351,326	9.04
80–81 . . . . .	.06886	36,313	2,500	35,063	313,744	8.64
81–82 . . . . .	.07263	33,813	2,456	32,585	278,681	8.24
82–83 . . . . .	.07691	31,357	2,412	30,151	246,096	7.85
83–84 . . . . .	.08167	28,945	2,364	27,763	215,945	7.46
84–85 . . . . .	.08676	26,581	2,306	25,428	188,182	7.08
85–86 . . . . .	.09287	24,275	2,255	23,148	162,754	6.70
86–87 . . . . .	.09957	22,020	2,192	20,924	139,606	6.34
87–88 . . . . .	.10713	19,828	2,124	18,766	118,682	5.99
88–89 . . . . .	.11594	17,704	2,053	16,677	99,916	5.64
89–90 . . . . .	.12610	15,651	1,973	14,665	83,239	5.32
90–91 . . . . .	.13752	13,678	1,881	12,737	68,574	5.01
91–92 . . . . .	.14961	11,797	1,765	10,914	55,837	4.73
92–93 . . . . .	.16173	10,032	1,623	9,221	44,923	4.48
93–94 . . . . .	.17308	8,409	1,455	7,681	35,702	4.25
94–95 . . . . .	.18360	6,954	1,277	6,315	28,021	4.03
95–96 . . . . .	.19386	5,677	1,100	5,127	21,706	3.82
96–97 . . . . .	.20590	4,577	943	4,106	16,579	3.62
97–98 . . . . .	.21821	3,634	793	3,237	12,473	3.43
98–99 . . . . .	.23087	2,841	656	2,513	9,236	3.25
99–100 . . . . .	.24426	2,185	534	1,919	6,723	3.08
100–101 . . . . .	.25843	1,651	426	1,438	4,804	2.91
101–102 . . . . .	.27342	1,225	335	1,057	3,366	2.75
102–103 . . . . .	.28927	890	258	761	2,309	2.59
103–104 . . . . .	.30605	632	193	536	1,548	2.45
104–105 . . . . .	.32380	439	142	368	1,012	2.31
105–106 . . . . .	.34258	297	102	246	644	2.17
106–107 . . . . .	.36245	195	71	159	398	2.04
107–108 . . . . .	.38348	124	47	101	239	1.92
108–109 . . . . .	.40572	77	31	61	138	1.80
109–110 . . . . .	.42925	46	20	36	77	1.69

Table 11. Life table for black males: Washington, 1989-91

Age in years	Proportion dying	Of 100,000 born alive		Stationary population		Average remaining lifetime
		Number living at beginning of year of age	Number dying during year of age	In year of age	In this year of age and all subsequent years	
Period of life between two exact ages stated (1)	(2)	(3)	(4)	(5)	(6)	(7)
x to x+1	q_x	l_x	d_x	L_x	T_x	\bar{e}_x
0-1	.01983	100,000	1,983	98,410	6,791,488	67.91
1-2	.00121	98,017	119	97,957	6,693,078	68.28
2-3	.00057	97,898	56	97,870	6,595,121	67.37
3-4	.00044	97,842	43	97,821	6,497,251	66.41
4-5	.00039	97,799	38	97,780	6,399,430	65.43
5-6	.00036	97,761	35	97,743	6,301,650	64.46
6-7	.00034	97,726	32	97,710	6,203,907	63.48
7-8	.00032	97,694	32	97,678	6,106,197	62.50
8-9	.00029	97,662	28	97,649	6,008,519	61.52
9-10	.00026	97,634	25	97,621	5,910,870	60.54
10-11	.00023	97,609	23	97,597	5,813,249	59.56
11-12	.00025	97,586	25	97,574	5,715,652	58.57
12-13	.00036	97,561	34	97,544	5,618,078	57.59
13-14	.00057	97,527	56	97,499	5,520,534	56.61
14-15	.00087	97,471	84	97,429	5,423,035	55.64
15-16	.00120	97,387	117	97,328	5,325,606	54.69
16-17	.00153	97,270	149	97,195	5,228,278	53.75
17-18	.00181	97,121	176	97,033	5,131,083	52.83
18-19	.00201	96,945	195	96,848	5,034,050	51.93
19-20	.00211	96,750	204	96,648	4,937,202	51.03
20-21	.00221	96,546	214	96,439	4,840,554	50.14
21-22	.00229	96,332	221	96,222	4,744,115	49.25
22-23	.00231	96,111	222	96,000	4,647,893	48.36
23-24	.00226	95,889	216	95,781	4,551,893	47.47
24-25	.00217	95,673	208	95,569	4,456,112	46.58
25-26	.00203	95,465	194	95,368	4,360,543	45.68
26-27	.00193	95,271	184	95,180	4,265,175	44.77
27-28	.00195	95,087	185	94,994	4,169,995	43.85
28-29	.00215	94,902	204	94,801	4,075,001	42.94
29-30	.00247	94,698	234	94,581	3,980,200	42.03
30-31	.00283	94,464	268	94,330	3,885,619	41.13
31-32	.00315	94,196	296	94,048	3,791,289	40.25
32-33	.00341	93,900	321	93,740	3,697,241	39.37
33-34	.00358	93,579	334	93,412	3,603,501	38.51
34-35	.00368	93,245	344	93,073	3,510,089	37.64
35-36	.00378	92,901	351	92,725	3,417,016	36.78
36-37	.00391	92,550	362	92,369	3,324,291	35.92
37-38	.00406	92,188	374	92,001	3,231,922	35.06
38-39	.00425	91,814	390	91,619	3,139,921	34.20
39-40	.00447	91,424	409	91,220	3,048,302	33.34
40-41	.00474	91,015	431	90,799	2,957,082	32.49
41-42	.00501	90,584	455	90,356	2,866,283	31.64
42-43	.00525	90,129	473	89,893	2,775,927	30.80
43-44	.00541	89,656	484	89,414	2,686,034	29.96
44-45	.00550	89,172	491	88,926	2,596,620	29.12
45-46	.00558	88,681	495	88,434	2,507,694	28.28
46-47	.00573	88,186	506	87,933	2,419,260	27.43
47-48	.00603	87,680	528	87,416	2,331,327	26.59
48-49	.00655	87,152	571	86,867	2,243,911	25.75
49-50	.00730	86,581	632	86,265	2,157,044	24.91
50-51	.00819	85,949	704	85,597	2,070,779	24.09
51-52	.00917	85,245	781	84,855	1,985,182	23.29
52-53	.01024	84,464	865	84,031	1,900,327	22.50
53-54	.01137	83,599	951	83,124	1,816,296	21.73
54-55	.01254	82,648	1,036	82,130	1,733,172	20.97

Table 11. Life table for black males: Washington, 1989–91—Con.

Age in years	Proportion dying	Of 100,000 born alive		Stationary population		Average remaining lifetime
		Number living at beginning of year of age	Number dying during year of age	In year of age	In this year of age and all subsequent years	
Period of life between two exact ages stated (1)	(2)	(3)	(4)	(5)	(6)	(7)
x to x+1	q_x	l_x	d_x	L_x	T_x	\bar{e}_x
55–56 . . . . .	.01374	81,612	1,121	81,051	1,651,042	20.23
56–57 . . . . .	.01503	80,491	1,210	79,886	1,569,991	19.51
57–58 . . . . .	.01645	79,281	1,304	78,629	1,490,105	18.80
58–59 . . . . .	.01808	77,977	1,410	77,272	1,411,476	18.10
59–60 . . . . .	.01993	76,567	1,526	75,805	1,334,204	17.43
60–61 . . . . .	.02197	75,041	1,648	74,217	1,258,399	16.77
61–62 . . . . .	.02406	73,393	1,766	72,509	1,184,182	16.13
62–63 . . . . .	.02610	71,627	1,869	70,693	1,111,673	15.52
63–64 . . . . .	.02793	69,758	1,949	68,783	1,040,980	14.92
64–65 . . . . .	.02960	67,809	2,007	66,806	972,197	14.34
65–66 . . . . .	.03105	65,802	2,043	64,780	905,391	13.76
66–67 . . . . .	.03263	63,759	2,081	62,718	840,611	13.18
67–68 . . . . .	.03489	61,678	2,152	60,603	777,893	12.61
68–69 . . . . .	.03831	59,526	2,280	58,386	717,290	12.05
69–70 . . . . .	.04294	57,246	2,458	56,017	658,904	11.51
70–71 . . . . .	.04864	54,788	2,665	53,455	602,887	11.00
71–72 . . . . .	.05476	52,123	2,855	50,695	549,432	10.54
72–73 . . . . .	.06079	49,268	2,995	47,771	498,737	10.12
73–74 . . . . .	.06575	46,273	3,042	44,752	450,966	9.75
74–75 . . . . .	.06955	43,231	3,007	41,728	406,214	9.40
75–76 . . . . .	.07340	40,224	2,952	38,747	364,486	9.06
76–77 . . . . .	.07786	37,272	2,902	35,821	325,739	8.74
77–78 . . . . .	.08178	34,370	2,811	32,964	289,918	8.44
78–79 . . . . .	.08486	31,559	2,678	30,220	256,954	8.14
79–80 . . . . .	.08715	28,881	2,517	27,622	226,734	7.85
80–81 . . . . .	.08850	26,364	2,333	25,198	199,112	7.55
81–82 . . . . .	.08953	24,031	2,152	22,955	173,914	7.24
82–83 . . . . .	.09156	21,879	2,003	20,877	150,959	6.90
83–84 . . . . .	.09608	19,876	1,910	18,921	130,082	6.54
84–85 . . . . .	.10287	17,966	1,848	17,042	111,161	6.19
85–86 . . . . .	.11200	16,118	1,805	15,216	94,119	5.84
86–87 . . . . .	.12056	14,313	1,726	13,450	78,903	5.51
87–88 . . . . .	.12931	12,587	1,627	11,773	65,453	5.20
88–89 . . . . .	.13882	10,960	1,522	10,199	53,680	4.90
89–90 . . . . .	.14984	9,438	1,414	8,731	43,481	4.61
90–91 . . . . .	.16302	8,024	1,308	7,370	34,750	4.33
91–92 . . . . .	.17850	6,716	1,199	6,117	27,380	4.08
92–93 . . . . .	.19596	5,517	1,081	4,976	21,263	3.85
93–94 . . . . .	.21125	4,436	937	3,968	16,287	3.67
94–95 . . . . .	.21978	3,499	769	3,114	12,319	3.52
95–96 . . . . .	.22659	2,730	619	2,421	9,205	3.37
96–97 . . . . .	.23792	2,111	502	1,860	6,784	3.21
97–98 . . . . .	.24982	1,609	402	1,408	4,924	3.06
98–99 . . . . .	.26231	1,207	317	1,049	3,516	2.91
99–100 . . . . .	.27542	890	245	767	2,467	2.77
100–101 . . . . .	.28920	645	186	552	1,700	2.63
101–102 . . . . .	.30365	459	140	389	1,148	2.50
102–103 . . . . .	.31884	319	101	269	759	2.38
103–104 . . . . .	.33478	218	73	181	490	2.25
104–105 . . . . .	.35152	145	51	119	309	2.14
105–106 . . . . .	.36909	94	35	77	190	2.02
106–107 . . . . .	.38755	59	23	47	113	1.92
107–108 . . . . .	.40693	36	14	29	66	1.81
108–109 . . . . .	.42727	22	10	17	37	1.71
109–110 . . . . .	.44864	12	5	10	20	1.61

Table 12. Life table for black females: Washington, 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	\bar{e}_x
0–1	.01794	100,000	1,794	98,675	7,558,270	75.58
1–2	.00120	98,206	118	98,146	7,459,595	75.96
2–3	.00055	98,088	55	98,061	7,361,449	75.05
3–4	.00043	98,033	42	98,012	7,263,388	74.09
4–5	.00038	97,991	38	97,972	7,165,376	73.12
5–6	.00034	97,953	33	97,936	7,067,404	72.15
6–7	.00031	97,920	30	97,905	6,969,468	71.18
7–8	.00027	97,890	27	97,876	6,871,563	70.20
8–9	.00025	97,863	25	97,851	6,773,687	69.22
9–10	.00023	97,838	22	97,827	6,675,836	68.23
10–11	.00021	97,816	20	97,806	6,578,009	67.25
11–12	.00021	97,796	21	97,786	6,480,203	66.26
12–13	.00022	97,775	21	97,764	6,382,417	65.28
13–14	.00026	97,754	26	97,741	6,284,653	64.29
14–15	.00032	97,728	31	97,713	6,186,912	63.31
15–16	.00039	97,697	37	97,679	6,089,199	62.33
16–17	.00046	97,660	45	97,637	5,991,520	61.35
17–18	.00053	97,615	52	97,589	5,893,883	60.38
18–19	.00057	97,563	56	97,536	5,796,294	59.41
19–20	.00061	97,507	59	97,477	5,698,758	58.44
20–21	.00064	97,448	62	97,417	5,601,281	57.48
21–22	.00067	97,386	66	97,353	5,503,864	56.52
22–23	.00072	97,320	70	97,285	5,406,511	55.55
23–24	.00077	97,250	74	97,213	5,309,226	54.59
24–25	.00083	97,176	81	97,135	5,212,013	53.64
25–26	.00089	97,095	86	97,052	5,114,878	52.68
26–27	.00095	97,009	92	96,963	5,017,826	51.73
27–28	.00099	96,917	96	96,869	4,920,863	50.77
28–29	.00102	96,821	99	96,771	4,823,994	49.82
29–30	.00104	96,722	101	96,671	4,727,223	48.87
30–31	.00106	96,621	103	96,570	4,630,552	47.93
31–32	.00108	96,518	104	96,466	4,533,982	46.98
32–33	.00114	96,414	110	96,359	4,437,516	46.03
33–34	.00125	96,304	121	96,243	4,341,157	45.08
34–35	.00141	96,183	136	96,115	4,244,914	44.13
35–36	.00160	96,047	154	95,971	4,148,799	43.20
36–37	.00180	95,893	173	95,806	4,052,828	42.26
37–38	.00198	95,720	189	95,626	3,957,022	41.34
38–39	.00210	95,531	200	95,431	3,861,396	40.42
39–40	.00217	95,331	207	95,227	3,765,965	39.50
40–41	.00224	95,124	213	95,018	3,670,738	38.59
41–42	.00233	94,911	220	94,801	3,575,720	37.67
42–43	.00243	94,691	231	94,576	3,480,919	36.76
43–44	.00256	94,460	242	94,339	3,386,343	35.85
44–45	.00272	94,218	256	94,090	3,292,004	34.94
45–46	.00292	93,962	275	93,825	3,197,914	34.03
46–47	.00317	93,687	297	93,538	3,104,089	33.13
47–48	.00349	93,390	326	93,228	3,010,551	32.24
48–49	.00388	93,064	360	92,884	2,917,323	31.35
49–50	.00431	92,704	400	92,503	2,824,439	30.47
50–51	.00481	92,304	444	92,082	2,731,936	29.60
51–52	.00535	91,860	492	91,614	2,639,854	28.74
52–53	.00591	91,368	539	91,099	2,548,240	27.89
53–54	.00648	90,829	589	90,534	2,457,141	27.05
54–55	.00711	90,240	642	89,919	2,366,607	26.23

Table 12. Life table for black females: Washington, 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	\bar{e}_x
55–56 . . . . .	.00776	89,598	696	89,250	2,276,688	25.41
56–57 . . . . .	.00851	88,902	756	88,524	2,187,438	24.60
57–58 . . . . .	.00950	88,146	838	87,727	2,098,914	23.81
58–59 . . . . .	.01077	87,308	940	86,838	2,011,187	23.04
59–60 . . . . .	.01221	86,368	1,055	85,840	1,924,349	22.28
60–61 . . . . .	.01366	85,313	1,165	84,730	1,838,509	21.55
61–62 . . . . .	.01502	84,148	1,264	83,516	1,753,779	20.84
62–63 . . . . .	.01631	82,884	1,352	82,208	1,670,263	20.15
63–64 . . . . .	.01750	81,532	1,427	80,819	1,588,055	19.48
64–65 . . . . .	.01859	80,105	1,489	79,360	1,507,236	18.82
65–66 . . . . .	.01963	78,616	1,543	77,845	1,427,876	18.16
66–67 . . . . .	.02064	77,073	1,590	76,277	1,350,031	17.52
67–68 . . . . .	.02169	75,483	1,638	74,664	1,273,754	16.87
68–69 . . . . .	.02290	73,845	1,691	73,000	1,199,090	16.24
69–70 . . . . .	.02437	72,154	1,759	71,274	1,126,090	15.61
70–71 . . . . .	.02618	70,395	1,843	69,474	1,054,816	14.98
71–72 . . . . .	.02827	68,552	1,937	67,584	985,342	14.37
72–73 . . . . .	.03054	66,615	2,035	65,597	917,758	13.78
73–74 . . . . .	.03272	64,580	2,113	63,524	852,161	13.20
74–75 . . . . .	.03470	62,467	2,167	61,383	788,637	12.62
75–76 . . . . .	.03659	60,300	2,207	59,197	727,254	12.06
76–77 . . . . .	.03876	58,093	2,251	56,968	668,057	11.50
77–78 . . . . .	.04147	55,842	2,316	54,683	611,089	10.94
78–79 . . . . .	.04512	53,526	2,415	52,319	556,406	10.40
79–80 . . . . .	.04981	51,111	2,546	49,838	504,087	9.86
80–81 . . . . .	.05562	48,565	2,701	47,214	454,249	9.35
81–82 . . . . .	.06197	45,864	2,842	44,443	407,035	8.87
82–83 . . . . .	.06816	43,022	2,933	41,555	362,592	8.43
83–84 . . . . .	.07324	40,089	2,936	38,622	321,037	8.01
84–85 . . . . .	.07720	37,153	2,868	35,719	282,415	7.60
85–86 . . . . .	.08131	34,285	2,788	32,891	246,696	7.20
86–87 . . . . .	.08678	31,497	2,733	30,131	213,805	6.79
87–88 . . . . .	.09394	28,764	2,702	27,413	183,674	6.39
88–89 . . . . .	.10338	26,062	2,694	24,714	156,261	6.00
89–90 . . . . .	.11451	23,368	2,676	22,030	131,547	5.63
90–91 . . . . .	.12649	20,692	2,618	19,383	109,517	5.29
91–92 . . . . .	.13833	18,074	2,500	16,824	90,134	4.99
92–93 . . . . .	.14964	15,574	2,330	14,409	73,310	4.71
93–94 . . . . .	.16042	13,244	2,125	12,182	58,901	4.45
94–95 . . . . .	.17123	11,119	1,904	10,167	46,719	4.20
95–96 . . . . .	.18244	9,215	1,681	8,374	36,552	3.97
96–97 . . . . .	.19556	7,534	1,473	6,798	28,178	3.74
97–98 . . . . .	.20946	6,061	1,270	5,425	21,380	3.53
98–99 . . . . .	.22414	4,791	1,074	4,255	15,955	3.33
99–100 . . . . .	.23758	3,717	883	3,275	11,700	3.15
100–101 . . . . .	.25184	2,834	714	2,478	8,425	2.97
101–102 . . . . .	.26695	2,120	566	1,837	5,947	2.80
102–103 . . . . .	.28297	1,554	439	1,334	4,110	2.64
103–104 . . . . .	.29994	1,115	335	948	2,776	2.49
104–105 . . . . .	.31794	780	248	656	1,828	2.34
105–106 . . . . .	.33702	532	179	442	1,172	2.20
106–107 . . . . .	.35724	353	126	290	730	2.07
107–108 . . . . .	.37867	227	86	184	440	1.94
108–109 . . . . .	.40139	141	57	113	256	1.82
109–110 . . . . .	.42548	84	36	66	143	1.70

Table 13. Standard errors of the probability of dying: Washington, 1989-91

Exact age in years	Total			White			All other					
							Total			Black		
	Both sexes	Male	Female									
0	.000187	.000273	.000255	.000193	.000282	.000263	.000665	.000967	.000910	.001449	.002069	.002026
1	.000053	.000075	.000075	.000054	.000077	.000077	.000195	.000279	.000271	.000380	.000532	.000543
2	.000042	.000061	.000056	.000044	.000065	.000059	.000130	.000188	.000179	.000238	.000336	.000337
3	.000037	.000053	.000050	.000038	.000056	.000052	.000116	.000164	.000165	.000211	.000296	.000300
4	.000033	.000049	.000045	.000035	.000052	.000047	.000104	.000148	.000147	.000200	.000282	.000285
5	.000031	.000046	.000043	.000033	.000049	.000045	.000097	.000136	.000137	.000192	.000271	.000272
6	.000030	.000045	.000041	.000032	.000048	.000043	.000092	.000132	.000128	.000186	.000266	.000260
7	.000029	.000044	.000039	.000031	.000047	.000041	.000089	.000130	.000120	.000181	.000263	.000249
8	.000028	.000042	.000037	.000030	.000044	.000039	.000085	.000126	.000115	.000176	.000255	.000240
9	.000026	.000039	.000035	.000028	.000041	.000037	.000082	.000120	.000110	.000169	.000243	.000226
10	.000025	.000036	.000034	.000026	.000038	.000036	.000080	.000117	.000108	.000164	.000234	.000211
11	.000025	.000037	.000034	.000026	.000038	.000036	.000084	.000126	.000110	.000170	.000248	.000207
12	.000029	.000045	.000037	.000031	.000046	.000039	.000099	.000156	.000119	.000193	.000298	.000222
13	.000037	.000059	.000044	.000039	.000061	.000046	.000122	.000202	.000133	.000234	.000381	.000260
14	.000046	.000075	.000051	.000048	.000078	.000054	.000146	.000247	.000149	.000283	.000475	.000295
15	.000054	.000089	.000058	.000057	.000094	.000062	.000167	.000286	.000165	.000332	.000564	.000330
16	.000061	.000101	.000065	.000064	.000107	.000069	.000184	.000316	.000179	.000374	.000640	.000363
17	.000066	.000110	.000069	.000069	.000116	.000074	.000196	.000336	.000190	.000406	.000689	.000389
18	.000068	.000113	.000072	.000072	.000120	.000077	.000203	.000345	.000199	.000421	.000701	.000405
19	.000069	.000114	.000073	.000073	.000121	.000078	.000207	.000347	.000205	.000424	.000688	.000412
20	.000069	.000115	.000073	.000073	.000121	.000078	.000211	.000348	.000212	.000424	.000671	.000418
21	.000069	.000115	.000074	.000073	.000121	.000078	.000214	.000350	.000219	.000423	.000658	.000424
22	.000069	.000114	.000073	.000073	.000121	.000078	.000215	.000350	.000225	.000420	.000645	.000432
23	.000068	.000113	.000072	.000072	.000119	.000075	.000216	.000350	.000229	.000415	.000635	.000441
24	.000066	.000111	.000070	.000069	.000117	.000073	.000215	.000350	.000233	.000409	.000627	.000452
25	.000064	.000108	.000067	.000067	.000114	.000070	.000214	.000348	.000236	.000401	.000616	.000463
26	.000063	.000107	.000066	.000066	.000112	.000067	.000213	.000348	.000240	.000396	.000606	.000472
27	.000062	.000106	.000065	.000065	.000111	.000066	.000214	.000352	.000242	.000399	.000614	.000479
28	.000062	.000106	.000065	.000065	.000111	.000066	.000218	.000362	.000244	.000414	.000644	.000484
29	.000063	.000108	.000065	.000066	.000112	.000067	.000224	.000376	.000246	.000436	.000687	.000489
30	.000064	.000110	.000067	.000067	.000114	.000069	.000231	.000390	.000247	.000458	.000731	.000492
31	.000065	.000111	.000068	.000068	.000115	.000070	.000237	.000404	.000250	.000479	.000769	.000498
32	.000067	.000113	.000069	.000069	.000117	.000071	.000244	.000417	.000257	.000500	.000804	.000516
33	.000068	.000116	.000071	.000070	.000120	.000073	.000252	.000429	.000270	.000523	.000835	.000550
34	.000070	.000119	.000073	.000072	.000123	.000075	.000262	.000440	.000289	.000548	.000865	.000597
35	.000072	.000123	.000076	.000074	.000127	.000077	.000272	.000452	.000309	.000578	.000897	.000655
36	.000074	.000126	.000079	.000077	.000131	.000080	.000284	.000465	.000330	.000610	.000935	.000715
37	.000077	.000130	.000082	.000079	.000135	.000083	.000296	.000483	.000349	.000645	.000979	.000771
38	.000080	.000134	.000087	.000082	.000139	.000088	.000309	.000505	.000365	.000679	.001029	.000815
39	.000083	.000138	.000091	.000085	.000142	.000093	.000324	.000532	.000380	.000713	.001086	.000849
40	.000086	.000142	.000097	.000088	.000146	.000099	.000341	.000564	.000396	.000750	.001152	.000883
41	.000090	.000147	.000102	.000092	.000151	.000105	.000359	.000598	.000414	.000793	.001225	.000926
42	.000094	.000153	.000109	.000097	.000157	.000112	.000379	.000632	.000436	.000838	.001298	.000977
43	.000100	.000160	.000118	.000103	.000165	.000121	.000400	.000664	.000464	.000887	.001366	.001044
44	.000106	.000169	.000128	.000110	.000174	.000133	.000422	.000695	.000497	.000941	.001433	.001128
45	.000115	.000180	.000141	.000119	.000186	.000146	.000448	.000728	.000537	.001002	.001504	.001231
46	.000124	.000193	.000156	.000129	.000199	.000162	.000479	.000769	.000584	.001075	.001590	.001352
47	.000134	.000207	.000170	.000139	.000213	.000177	.000516	.000821	.000636	.001159	.001698	.001487
48	.000144	.000221	.000183	.000149	.000229	.000189	.000557	.000886	.000686	.001255	.001835	.001619
49	.000153	.000237	.000193	.000159	.000244	.000200	.000600	.000961	.000734	.001358	.001999	.001742
50	.000164	.000255	.000205	.000169	.000263	.000212	.000647	.001042	.000784	.001467	.002181	.001864
51	.000176	.000276	.000219	.000182	.000284	.000226	.000696	.001127	.000839	.001582	.002377	.001994
52	.000190	.000297	.000234	.000196	.000306	.000242	.000747	.001215	.000897	.001702	.002577	.002128
53	.000204	.000319	.000252	.000210	.000328	.000261	.000800	.001305	.000960	.001827	.002773	.002273
54	.000218	.000341	.000271	.000225	.000351	.000281	.000854	.001402	.001026	.001956	.002963	.002435
55	.000232	.000363	.000290	.000240	.000374	.000301	.000910	.001502	.001093	.002084	.003144	.002600
56	.000247	.000386	.000309	.000255	.000397	.000320	.000967	.001609	.001158	.002213	.003327	.002768
57	.000262	.000410	.000327	.000271	.000422	.000339	.001028	.001729	.001222	.002350	.003527	.002958
58	.000277	.000435	.000344	.000286	.000447	.000357	.001094	.001864	.001286	.002499	.003761	.003161
59	.000291	.000461	.000360	.000300	.000473	.000373	.001162	.002007	.001350	.002655	.004025	.003358

Table 13. Standard errors of the probability of dying: Washington, 1989–91—Con.

Exact age in years	Total			White			All other					
							Total			Black		
	Both sexes	Male	Female									
60	.000304	.000486	.000375	.000314	.000498	.000389	.001229	.002158	.001409	.002812	.004312	.003540
61	.000318	.000510	.000389	.000328	.000522	.000403	.001297	.002307	.001469	.002963	.004597	.003703
62	.000331	.000535	.000403	.000341	.000547	.000417	.001364	.002439	.001541	.003099	.004862	.003847
63	.000344	.000560	.000416	.000354	.000573	.000431	.001434	.002544	.001633	.003213	.005084	.003971
64	.000358	.000586	.000430	.000368	.000600	.000444	.001506	.002630	.001742	.003314	.005274	.004083
65	.000370	.000610	.000444	.000381	.000626	.000457	.001579	.002701	.001862	.003397	.005432	.004179
66	.000384	.000635	.000458	.000394	.000652	.000470	.001656	.002782	.001986	.003492	.005615	.004281
67	.000401	.000667	.000477	.000412	.000685	.000489	.001748	.002905	.002114	.003643	.005900	.004436
68	.000425	.000709	.000504	.000437	.000728	.000517	.001866	.003099	.002250	.003892	.006357	.004684
69	.000456	.000762	.000540	.000468	.000782	.000554	.002014	.003371	.002400	.004245	.006992	.005036
70	.000492	.000824	.000582	.000505	.000845	.000597	.002195	.003708	.002577	.004697	.007781	.005493
71	.000530	.000890	.000627	.000544	.000912	.000643	.002405	.004084	.002789	.005202	.008645	.006021
72	.000570	.000959	.000675	.000584	.000982	.000692	.002637	.004490	.003038	.005724	.009544	.006576
73	.000609	.001028	.000721	.000623	.001052	.000739	.002875	.004884	.003316	.006181	.010373	.007065
74	.000648	.001098	.000768	.000662	.001123	.000785	.003112	.005260	.003615	.006562	.011124	.007473
75	.000688	.001174	.000816	.000703	.001200	.000834	.003365	.005663	.003939	.006947	.011934	.007867
76	.000735	.001262	.000871	.000751	.001290	.000889	.003656	.006137	.004302	.007414	.012906	.008351
77	.000790	.001367	.000933	.000806	.001397	.000952	.003984	.006669	.004708	.007940	.013971	.008945
78	.000855	.001495	.001008	.000872	.001528	.001027	.004368	.007286	.005180	.008574	.015166	.009739
79	.000934	.001652	.001096	.000952	.001688	.001116	.004825	.008007	.005744	.009342	.016532	.010761
80	.001026	.001843	.001195	.001045	.001884	.001216	.005366	.008845	.006421	.010254	.018126	.012009
81	.001131	.002067	.001307	.001151	.002114	.001328	.005989	.009802	.007213	.011299	.019983	.013405
82	.001247	.002318	.001433	.001270	.002372	.001456	.006693	.010889	.008116	.012480	.022091	.014918
83	.001375	.002585	.001578	.001399	.002645	.001601	.007459	.012105	.009088	.013744	.024351	.016459
84	.001516	.002870	.001743	.001542	.002936	.001769	.008288	.013478	.010118	.015072	.026646	.018042
85	.001684	.003211	.001940	.001712	.003285	.001968	.009284	.015193	.011366	.016569	.029032	.019886
86	.001885	.003636	.002169	.001916	.003719	.002200	.010453	.017246	.012808	.018315	.031557	.022194
87	.002116	.004139	.002429	.002150	.004234	.002464	.011811	.019699	.014457	.020395	.034684	.024971
88	.002380	.004732	.002721	.002418	.004839	.002760	.013426	.022708	.016388	.023017	.039290	.028245
89	.002684	.005433	.003056	.002727	.005553	.003099	.015380	.026529	.018654	.026365	.046310	.031960
90	.003053	.006299	.003460	.003101	.006430	.003509	.017778	.031735	.021254	.030599	.057048	.036092
91	.003507	.007395	.003954	.003561	.007537	.004012	.020718	.039113	.024189	.035786	.072920	.040755
92	.004042	.008739	.004530	.004105	.008892	.004600	.024270	.049259	.027585	.042088	.096702	.046203
93	.004656	.010325	.005188	.004729	.010491	.005269	.028374	.061639	.031581	.049361	.124206	.053062
94	.005356	.012140	.005939	.005439	.012331	.006032	.032942	.074223	.036345	.057542	.142481	.062149
95	.006227	.013820	.006962	.006335	.014140	.007075	.037996	.071795	.046323	.061042	.121875	.071534
96	.007399	.016497	.008267	.007537	.016952	.008405	.044278	.081971	.054626	.071395	.138792	.084913
97	.008886	.019956	.009918	.009065	.020589	.010092	.052279	.096538	.064922	.083616	.163574	.099790
98	.010842	.024730	.012086	.011100	.025534	.012343	.061656	.118656	.075913	.098089	.200252	.116088
99	.013166	.030657	.014589	.013525	.031903	.014935	.072112	.136933	.089140	.114597	.230771	.136159
100	.016321	.038406	.018035	.016864	.040276	.018565	.084318	.161534	.103838	.135341	.278763	.159497
101	.020624	.048782	.022761	.021445	.051506	.023576	.100935	.195845	.123710	.159721	.333912	.187267
102	.026608	.063571	.029296	.027868	.067997	.030530	.123264	.236465	.151564	.195441	.399453	.230652
103	.035162	.083964	.038726	.037195	.091356	.040700	.152616	.287660	.188649	.241094	.489174	.285033
104	.045881	.113965	.050107	.049600	.128940	.053673	.177684	.339025	.218661	.281588	.568897	.333196
105	.059555	.148926	.064975	.065734	.173697	.070959	.212012	.408803	.259973	.332895	.700287	.389148
106	.081876	.196118	.090178	.094177	.259614	.101006	.256904	.434890	.329880	.395120	.702515	.488971
107	.105607	.255951	.116058	.122129	.308095	.133115	.327957	.659652	.397314	.513867	.999999	.602573
108	.150113	.342145	.167326	.184975	.482666	.200472	.410461	.714753	.520239	.640527	.999999	.780017
109	.206350	.443145	.233618	.261313	.711675	.281376	.543242	.845118	.722780	.850323	.999999	.999999

Table 14. Standard errors of the average remaining lifetime: Washington, 1989-91

Exact age in years	Total			White			All other					
	Both sexes			Both sexes			Total			Black		
	Both sexes	Male	Female									
0	.041	.058	.056	.043	.060	.058	.177	.237	.259	.295	.379	.444
1	.039	.055	.053	.040	.057	.054	.171	.229	.252	.282	.359	.424
2	.039	.055	.053	.040	.056	.054	.171	.228	.251	.281	.357	.423
3	.039	.054	.052	.040	.056	.054	.171	.228	.251	.280	.357	.422
4	.039	.054	.052	.040	.056	.054	.171	.228	.250	.280	.356	.422
5	.039	.054	.052	.040	.056	.054	.170	.228	.250	.280	.356	.421
6	.038	.054	.052	.040	.056	.054	.170	.227	.250	.280	.356	.421
7	.038	.054	.052	.040	.056	.053	.170	.227	.250	.279	.356	.421
8	.038	.054	.052	.040	.056	.053	.170	.227	.250	.279	.355	.420
9	.038	.054	.052	.040	.056	.053	.170	.227	.250	.279	.355	.420
10	.038	.054	.052	.040	.056	.053	.170	.227	.250	.279	.355	.420
11	.038	.054	.052	.039	.056	.053	.170	.227	.250	.279	.355	.420
12	.038	.054	.052	.039	.056	.053	.170	.227	.250	.279	.354	.420
13	.038	.054	.052	.039	.056	.053	.170	.227	.249	.278	.354	.420
14	.038	.054	.052	.039	.055	.053	.170	.226	.249	.278	.354	.419
15	.038	.054	.051	.039	.055	.053	.170	.226	.249	.278	.353	.419
16	.038	.053	.051	.039	.055	.053	.169	.226	.249	.277	.352	.419
17	.038	.053	.051	.039	.055	.053	.169	.225	.249	.277	.351	.418
18	.038	.053	.051	.039	.054	.052	.169	.225	.249	.276	.350	.418
19	.037	.052	.051	.039	.054	.052	.169	.224	.249	.276	.349	.418
20	.037	.052	.051	.038	.054	.052	.168	.224	.248	.275	.348	.417
21	.037	.052	.051	.038	.053	.052	.168	.223	.248	.275	.347	.417
22	.037	.051	.050	.038	.053	.052	.168	.223	.248	.274	.346	.416
23	.037	.051	.050	.038	.053	.052	.168	.223	.248	.274	.345	.416
24	.037	.051	.050	.038	.052	.051	.167	.222	.248	.274	.345	.416
25	.036	.051	.050	.037	.052	.051	.167	.222	.247	.273	.344	.415
26	.036	.050	.050	.037	.052	.051	.167	.222	.247	.273	.344	.415
27	.036	.050	.050	.037	.052	.051	.167	.221	.247	.273	.344	.415
28	.036	.050	.050	.037	.051	.051	.167	.221	.247	.272	.343	.414
29	.036	.050	.050	.037	.051	.051	.167	.221	.247	.272	.343	.414
30	.036	.050	.049	.037	.051	.051	.166	.221	.247	.272	.343	.414
31	.036	.050	.049	.037	.051	.051	.166	.220	.246	.272	.342	.414
32	.036	.049	.049	.037	.051	.051	.166	.220	.246	.272	.342	.413
33	.036	.049	.049	.037	.051	.050	.166	.220	.246	.272	.342	.413
34	.036	.049	.049	.036	.050	.050	.166	.220	.246	.271	.341	.413
35	.035	.049	.049	.036	.050	.050	.166	.219	.246	.271	.341	.413
36	.035	.049	.049	.036	.050	.050	.166	.219	.246	.271	.341	.412
37	.035	.049	.049	.036	.050	.050	.166	.219	.246	.271	.341	.412
38	.035	.048	.049	.036	.050	.050	.166	.219	.246	.271	.340	.412
39	.035	.048	.049	.036	.050	.050	.165	.219	.246	.270	.340	.411
40	.035	.048	.049	.036	.049	.050	.165	.218	.245	.270	.340	.411
41	.035	.048	.048	.036	.049	.050	.165	.218	.245	.270	.339	.410
42	.035	.048	.048	.036	.049	.050	.165	.218	.245	.269	.339	.410
43	.035	.048	.048	.036	.049	.049	.165	.218	.245	.269	.338	.409
44	.035	.047	.048	.035	.049	.049	.165	.217	.245	.269	.337	.409
45	.034	.047	.048	.035	.048	.049	.165	.217	.245	.268	.337	.408
46	.034	.047	.048	.035	.048	.049	.164	.217	.244	.268	.336	.407
47	.034	.047	.048	.035	.048	.049	.164	.216	.244	.267	.335	.406
48	.034	.047	.047	.035	.048	.048	.164	.216	.244	.266	.334	.404
49	.034	.046	.047	.035	.047	.048	.163	.215	.243	.265	.333	.403
50	.034	.046	.047	.034	.047	.048	.163	.214	.243	.264	.332	.401
51	.033	.046	.046	.034	.047	.048	.163	.214	.242	.263	.331	.399
52	.033	.045	.046	.034	.047	.047	.162	.213	.242	.262	.329	.398
53	.033	.045	.046	.034	.046	.047	.162	.212	.241	.261	.327	.396
54	.033	.045	.045	.033	.046	.046	.161	.212	.241	.259	.326	.393
55	.032	.044	.045	.033	.045	.046	.161	.211	.240	.258	.324	.391
56	.032	.044	.044	.033	.045	.045	.160	.210	.239	.256	.322	.389
57	.032	.043	.044	.032	.044	.045	.160	.209	.239	.255	.320	.386
58	.031	.043	.043	.032	.044	.044	.159	.208	.238	.254	.319	.383
59	.031	.042	.043	.031	.043	.044	.159	.207	.238	.252	.317	.381

Table 14. Standard errors of the average remaining lifetime: Washington, 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	.030	.042	.042	.031	.043	.043	.158	.206	.237	.251	.316	.378
61	.030	.041	.042	.031	.042	.042	.158	.204	.237	.250	.315	.375
62	.030	.041	.041	.030	.042	.042	.158	.203	.237	.249	.313	.373
63	.029	.040	.041	.030	.041	.041	.157	.202	.237	.248	.312	.371
64	.029	.040	.040	.030	.041	.041	.157	.201	.237	.247	.312	.370
65	.029	.039	.040	.029	.040	.040	.157	.201	.237	.247	.312	.369
66	.028	.039	.039	.029	.040	.040	.157	.200	.237	.247	.313	.368
67	.028	.039	.039	.029	.039	.039	.157	.200	.237	.248	.314	.368
68	.028	.038	.038	.028	.039	.039	.158	.201	.238	.249	.316	.368
69	.028	.038	.038	.028	.039	.039	.158	.201	.238	.251	.319	.369
70	.028	.038	.038	.028	.039	.038	.159	.201	.239	.252	.323	.370
71	.027	.038	.037	.028	.038	.038	.159	.202	.239	.254	.327	.370
72	.027	.038	.037	.027	.038	.037	.159	.202	.240	.256	.332	.371
73	.027	.037	.037	.027	.038	.037	.160	.203	.240	.258	.338	.371
74	.027	.037	.036	.027	.038	.037	.161	.204	.241	.261	.345	.371
75	.027	.037	.036	.027	.038	.036	.161	.205	.241	.263	.352	.372
76	.026	.037	.035	.027	.038	.036	.163	.207	.242	.267	.361	.374
77	.026	.037	.035	.027	.038	.036	.164	.209	.243	.271	.371	.376
78	.026	.038	.035	.027	.038	.035	.166	.211	.245	.275	.382	.379
79	.026	.038	.035	.027	.039	.035	.168	.215	.247	.280	.394	.382
80	.026	.038	.035	.027	.039	.035	.170	.218	.249	.285	.406	.386
81	.026	.039	.035	.027	.039	.035	.172	.223	.251	.291	.418	.391
82	.027	.040	.034	.027	.040	.035	.175	.229	.253	.297	.430	.397
83	.027	.040	.034	.027	.041	.035	.179	.235	.256	.303	.441	.404
84	.027	.041	.035	.027	.042	.035	.183	.243	.259	.310	.453	.412
85	.028	.043	.035	.028	.043	.035	.187	.253	.262	.318	.469	.420
86	.028	.044	.035	.028	.045	.035	.193	.265	.267	.327	.490	.429
87	.029	.046	.036	.029	.046	.036	.200	.280	.272	.338	.519	.439
88	.029	.048	.036	.030	.048	.036	.208	.299	.279	.352	.555	.450
89	.030	.051	.037	.030	.051	.037	.217	.321	.288	.368	.601	.463
90	.032	.054	.038	.032	.054	.038	.229	.348	.298	.387	.657	.480
91	.033	.058	.040	.033	.058	.040	.242	.380	.312	.409	.720	.500
92	.035	.063	.042	.035	.063	.042	.256	.415	.328	.433	.786	.526
93	.037	.068	.044	.037	.068	.044	.272	.448	.349	.458	.840	.557
94	.040	.074	.047	.040	.075	.047	.291	.474	.375	.483	.856	.593
95	.043	.082	.051	.043	.082	.051	.311	.486	.407	.507	.838	.632
96	.048	.092	.056	.048	.093	.056	.336	.530	.438	.547	.913	.678
97	.053	.105	.062	.054	.107	.062	.364	.584	.472	.591	1.007	.728
98	.060	.121	.070	.061	.124	.071	.395	.648	.509	.640	1.117	.784
99	.069	.141	.079	.070	.146	.080	.430	.710	.553	.696	1.226	.851
100	.080	.166	.091	.082	.174	.093	.471	.788	.604	.763	1.366	.928
101	.093	.199	.106	.097	.211	.110	.522	.882	.668	.841	1.519	1.020
102	.111	.241	.126	.117	.261	.131	.582	.986	.744	.936	1.691	1.137
103	.133	.294	.150	.142	.328	.159	.648	1.100	.828	1.038	1.885	1.260
104	.159	.361	.179	.174	.419	.193	.710	1.215	.906	1.135	2.067	1.379
105	.192	.437	.216	.215	.530	.237	.792	1.349	1.015	1.257	2.292	1.531
106	.236	.530	.266	.272	.684	.299	.896	1.483	1.161	1.414	2.452	1.749
107	.284	.638	.320	.335	.821	.369	1.029	1.808	1.312	1.636	3.001	1.989
108	.350	.760	.396	.431	1.102	.471	1.158	1.847	1.519	1.835	3.127	2.280
109	.394	.833	.449	.500	1.337	.543	1.260	1.908	1.686	1.994	3.292	2.506

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