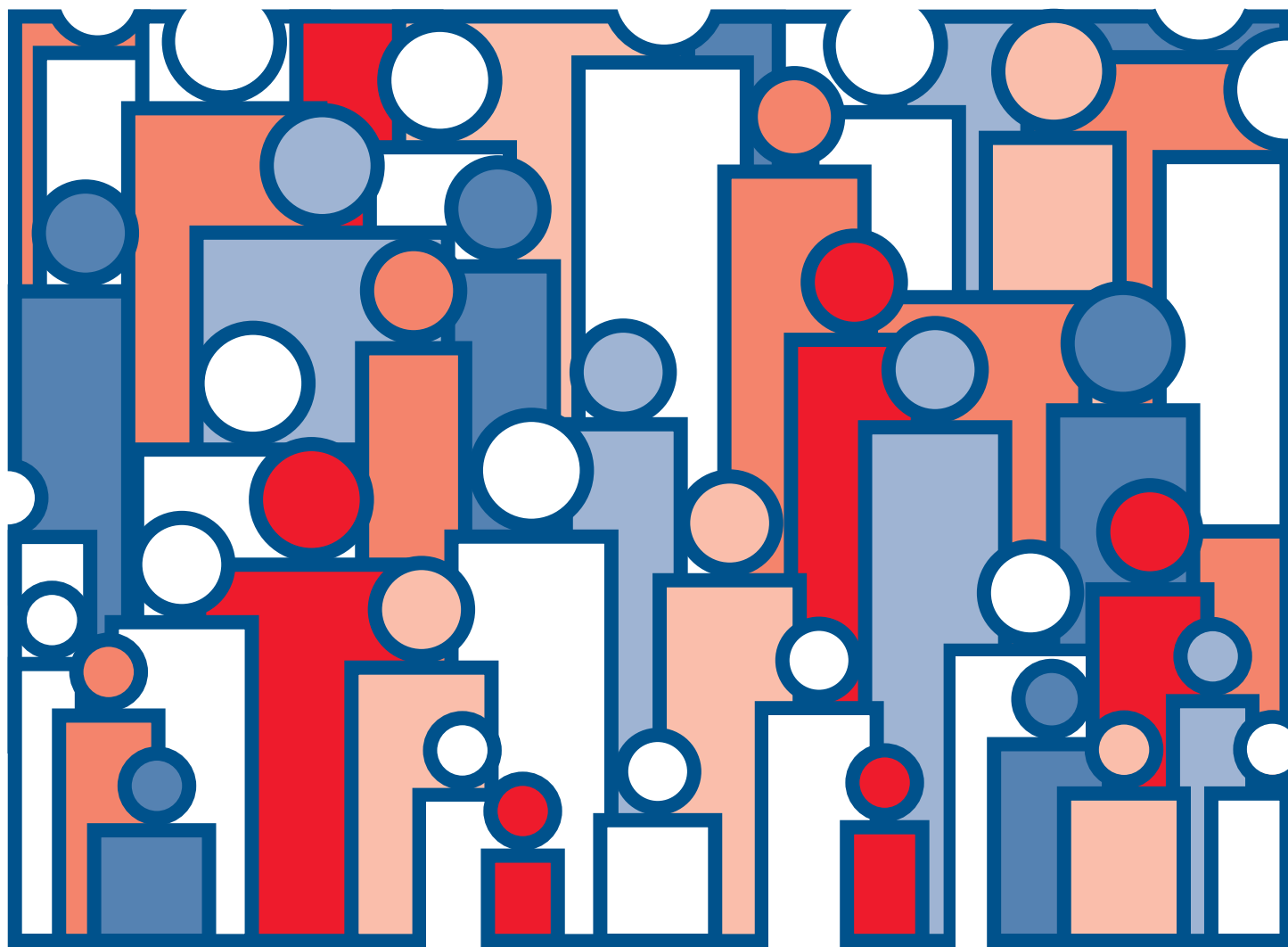




U.S. Decennial Life Tables for 1989-91

Volume II, State Life Tables Number 27, Montana

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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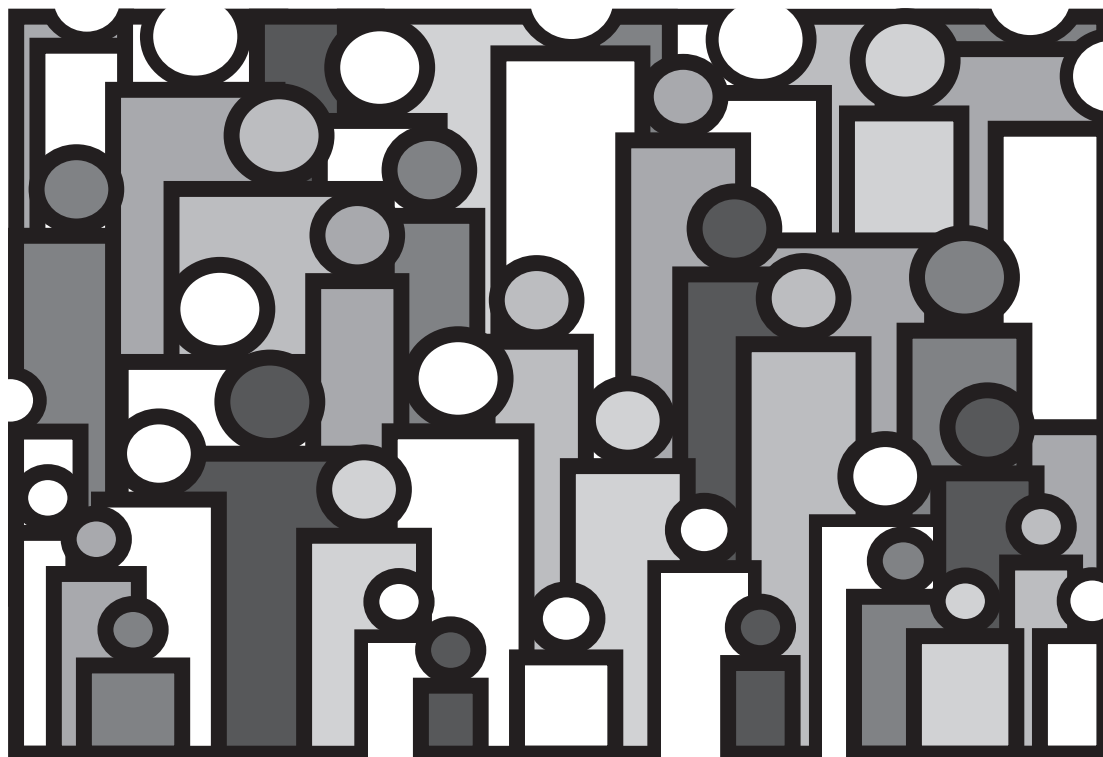
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Centers for Disease Control and Prevention
National Center for Health Statistics

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Montana Life Tables: 1989–91

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Abstract

The life tables in this report are current life tables for Montana 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 Montana 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 Montana based on age-specific death rates for the period 1989–91. With the exception of those for ages 95 years and over (and to a lesser extent those for ages 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 Montana 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: Montana • decennial life tables • 1989–91 • life expectancy

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

Methodology

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

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

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

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

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

Results and discussion

The life tables in this report are current life tables and are based on age-specific death rates for the period 1989–91. They may also be characterized as “cross-sectional.” They assume that a hypothetical cohort is traced from birth until the death of the last survivor and that it is subject throughout its existence to the age-specific death rates observed for 1989–91. For example, [table 3](#) is a life table for females. This table shows the progression of a cohort starting with 100,000 live births who were subjected to the average annual death rates observed among females in Montana 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 Montana, the expectation of life at birth is 73.05 years for total males and 79.49 for total females. Among the 50 States and the District of Columbia in the expectation of life at birth for the total population, Montana ranks 20th.

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

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

Even though 68-percent confidence intervals are rarely used because of their high degree of uncertainty, they are shown here to demonstrate the method of construction of confidence intervals. To obtain a 68-percent confidence interval for the probability of dying at any age, take the point estimate from column 2 of the appropriate life table and add and subtract one standard error from the table that gives the standard errors of the probability of dying ([table 7](#)). The 95-percent confidence interval is obtained by adding and subtracting two standard errors. For example, the probability that a 50-year-old white female will die before her 51st birthday is 0.00304 with a standard error of 0.000522. Therefore the 68-percent confidence interval is from 0.00252 to 0.00356 and the 95-percent confidence interval is from 0.00200 to 0.00408. The life expectancy of a 50 year-old white female is 32.17 years with a standard error of 0.113 years. The 68-percent confidence interval for the life expectancy is therefore from 32.06 to 32.28 years and the 95-percent confidence interval is from 31.94 to 32.40 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 Montana. For example, for females who reach age 21, the proportion dying before reaching their 22d birthday is 0.00081—out of every 1,000 female babies surviving to age 21, 0.81 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](#), 99,214 will complete the first year of life and enter the second, 98,512 will reach age 21, and 71,038 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, 786 will die in the first year of life, 80 in the 22d year, and 2,125 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 persons 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 98,473. 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 98,473 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 5,871,372 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 7,949,426.

Column 7—Average remaining lifetime (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 98,473 for females in Montana in the year of age 21–22 is the total number of years of life lived between their 21st and 22d birthdays by the 98,512 (column 3) who reached their 21st birthday out of the original cohort of 100,000 females born alive. The corresponding figure (5,871,372) in column 6 is the total number of years lived after attaining age 21 by the 98,512 reaching that exact age. This number of years divided by the number of persons (5,871,372 divided by 98,512) gives 59.60 years as the average remaining lifetime at age 21 for females in Montana.

References

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

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

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

* Figure does not meet standards of reliability and precision.

Detailed tables

Table 1. Life table for the total population: Montana, 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)	Average number of years of life remaining at beginning of year of age (7)
Period of life between two exact ages stated (1)	Proportion of persons alive at beginning of year of age dying during year (2)	l_x	d_x	L_x	T_x	${}^o e_x$
x to x+1	q_x					
0–1	.00912	100,000	912	99,344	7,623,303	76.23
1–2	.00076	99,088	75	99,050	7,523,959	75.93
2–3	.00050	99,013	50	98,987	7,424,909	74.99
3–4	.00038	98,963	37	98,945	7,325,922	74.03
4–5	.00029	98,926	29	98,911	7,226,977	73.05
5–6	.00026	98,897	26	98,884	7,128,066	72.08
6–7	.00024	98,871	24	98,858	7,029,182	71.09
7–8	.00022	98,847	22	98,836	6,930,324	70.11
8–9	.00020	98,825	20	98,815	6,831,488	69.13
9–10	.00018	98,805	18	98,795	6,732,673	68.14
10–11	.00016	98,787	17	98,779	6,633,878	67.15
11–12	.00017	98,770	17	98,762	6,535,099	66.16
12–13	.00023	98,753	22	98,742	6,436,337	65.18
13–14	.00034	98,731	33	98,715	6,337,595	64.19
14–15	.00050	98,698	50	98,673	6,238,880	63.21
15–16	.00068	98,648	67	98,615	6,140,207	62.24
16–17	.00086	98,581	85	98,538	6,041,592	61.29
17–18	.00102	98,496	100	98,447	5,943,054	60.34
18–19	.00114	98,396	111	98,340	5,844,607	59.40
19–20	.00123	98,285	121	98,224	5,746,267	58.47
20–21	.00132	98,164	130	98,099	5,648,043	57.54
21–22	.00142	98,034	140	97,965	5,549,944	56.61
22–23	.00149	97,894	145	97,821	5,451,979	55.69
23–24	.00149	97,749	146	97,676	5,354,158	54.77
24–25	.00145	97,603	142	97,532	5,256,482	53.86
25–26	.00140	97,461	137	97,393	5,158,950	52.93
26–27	.00136	97,324	132	97,258	5,061,557	52.01
27–28	.00132	97,192	129	97,127	4,964,299	51.08
28–29	.00129	97,063	125	97,001	4,867,172	50.14
29–30	.00127	96,938	123	96,876	4,770,171	49.21
30–31	.00126	96,815	122	96,754	4,673,295	48.27
31–32	.00125	96,693	121	96,633	4,576,541	47.33
32–33	.00125	96,572	120	96,512	4,479,908	46.39
33–34	.00127	96,452	123	96,390	4,383,396	45.45
34–35	.00131	96,329	125	96,267	4,287,006	44.50
35–36	.00135	96,204	130	96,139	4,190,739	43.56
36–37	.00140	96,074	135	96,006	4,094,600	42.62
37–38	.00146	95,939	140	95,869	3,998,594	41.68
38–39	.00155	95,799	148	95,725	3,902,725	40.74
39–40	.00164	95,651	158	95,572	3,807,000	39.80
40–41	.00176	95,493	168	95,409	3,711,428	38.87
41–42	.00190	95,325	181	95,235	3,616,019	37.93
42–43	.00204	95,144	194	95,047	3,520,784	37.00
43–44	.00219	94,950	208	94,846	3,425,737	36.08
44–45	.00235	94,742	223	94,630	3,330,891	35.16
45–46	.00254	94,519	240	94,399	3,236,261	34.24
46–47	.00278	94,279	263	94,147	3,141,862	33.33
47–48	.00308	94,016	289	93,872	3,047,715	32.42
48–49	.00342	93,727	320	93,566	2,953,843	31.52
49–50	.00380	93,407	356	93,229	2,860,277	30.62
50–51	.00424	93,051	394	92,855	2,767,048	29.74
51–52	.00472	92,657	437	92,438	2,674,193	28.86
52–53	.00521	92,220	481	91,979	2,581,755	28.00
53–54	.00570	91,739	523	91,478	2,489,776	27.14
54–55	.00620	91,216	565	90,933	2,398,298	26.29

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

Age in years	Proportion dying	Of 100,000 born alive		Stationary population		Average remaining lifetime
		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)
Period of life between two exact ages stated (1)	q_x	l_x	d_x	L_x	T_x	${}^o e_x$
x to x+1						
55–56	.00674	90,651	611	90,345	2,307,365	25.45
56–57	.00735	90,040	663	89,709	2,217,020	24.62
57–58	.00802	89,377	717	89,019	2,127,311	23.80
58–59	.00874	88,660	774	88,273	2,038,292	22.99
59–60	.00950	87,886	835	87,468	1,950,019	22.19
60–61	.01028	87,051	895	86,604	1,862,551	21.40
61–62	.01112	86,156	958	85,677	1,775,947	20.61
62–63	.01210	85,198	1,031	84,682	1,690,270	19.84
63–64	.01329	84,167	1,119	83,607	1,605,588	19.08
64–65	.01468	83,048	1,219	82,439	1,521,981	18.33
65–66	.01613	81,829	1,320	81,169	1,439,542	17.59
66–67	.01766	80,509	1,421	79,799	1,358,373	16.87
67–68	.01944	79,088	1,538	78,319	1,278,574	16.17
68–69	.02153	77,550	1,669	76,715	1,200,255	15.48
69–70	.02386	75,881	1,811	74,976	1,123,540	14.81
70–71	.02640	74,070	1,955	73,093	1,048,564	14.16
71–72	.02902	72,115	2,092	71,068	975,471	13.53
72–73	.03162	70,023	2,215	68,916	904,403	12.92
73–74	.03417	67,808	2,317	66,649	835,487	12.32
74–75	.03676	65,491	2,408	64,288	768,838	11.74
75–76	.03948	63,083	2,490	61,838	704,550	11.17
76–77	.04252	60,593	2,577	59,304	642,712	10.61
77–78	.04605	58,016	2,672	56,680	583,408	10.06
78–79	.05028	55,344	2,782	53,953	526,728	9.52
79–80	.05521	52,562	2,902	51,111	472,775	8.99
80–81	.06091	49,660	3,025	48,148	421,664	8.49
81–82	.06722	46,635	3,135	45,068	373,516	8.01
82–83	.07390	43,500	3,214	41,893	328,448	7.55
83–84	.08064	40,286	3,249	38,661	286,555	7.11
84–85	.08755	37,037	3,243	35,416	247,894	6.69
85–86	.09566	33,794	3,232	32,178	212,478	6.29
86–87	.10511	30,562	3,213	28,955	180,300	5.90
87–88	.11517	27,349	3,149	25,775	151,345	5.53
88–89	.12554	24,200	3,038	22,680	125,570	5.19
89–90	.13640	21,162	2,887	19,719	102,890	4.86
90–91	.14843	18,275	2,712	16,918	83,171	4.55
91–92	.16203	15,563	2,522	14,302	66,253	4.26
92–93	.17671	13,041	2,305	11,889	51,951	3.98
93–94	.19220	10,736	2,063	9,704	40,062	3.73
94–95	.20835	8,673	1,807	7,770	30,358	3.50
95–96	.22502	6,866	1,545	6,093	22,588	3.29
96–97	.24126	5,321	1,284	4,679	16,495	3.10
97–98	.25689	4,037	1,037	3,519	11,816	2.93
98–99	.27175	3,000	815	2,592	8,297	2.77
99–100	.28751	2,185	628	1,871	5,705	2.61
100–101	.30418	1,557	474	1,320	3,834	2.46
101–102	.32182	1,083	348	909	2,514	2.32
102–103	.34049	735	251	609	1,605	2.19
103–104	.36024	484	174	398	996	2.05
104–105	.38113	310	118	251	598	1.93
105–106	.40324	192	78	153	347	1.81
106–107	.42663	114	48	90	194	1.70
107–108	.45137	66	30	51	104	1.59
108–109	.47755	36	17	27	53	1.49
109–110	.50525	19	10	14	26	1.39

Table 2. Life table for males: Montana, 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)	Average number of years of life remaining at beginning of year of age (7)
Period of life between two exact ages stated (1)	Proportion of persons alive at beginning of year of age dying during year (2)	l_x	d_x	L_x	T_x	${}^o e_x$
x to x+1	q_x					
0–1 . . . . .	.01034	100,000	1,034	99,257	7,305,036	73.05
1–2 . . . . .	.00087	98,966	86	98,923	7,205,779	72.81
2–3 . . . . .	.00061	98,880	61	98,850	7,106,856	71.87
3–4 . . . . .	.00045	98,819	45	98,796	7,008,006	70.92
4–5 . . . . .	.00036	98,774	36	98,757	6,909,210	69.95
5–6 . . . . .	.00032	98,738	31	98,723	6,810,453	68.97
6–7 . . . . .	.00029	98,707	29	98,692	6,711,730	68.00
7–8 . . . . .	.00028	98,678	27	98,664	6,613,038	67.02
8–9 . . . . .	.00025	98,651	26	98,638	6,514,374	66.03
9–10 . . . . .	.00023	98,625	22	98,614	6,415,736	65.05
10–11 . . . . .	.00021	98,603	21	98,593	6,317,122	64.07
11–12 . . . . .	.00023	98,582	22	98,571	6,218,529	63.08
12–13 . . . . .	.00030	98,560	30	98,544	6,119,958	62.09
13–14 . . . . .	.00046	98,530	45	98,508	6,021,414	61.11
14–15 . . . . .	.00067	98,485	66	98,451	5,922,906	60.14
15–16 . . . . .	.00092	98,419	91	98,374	5,824,455	59.18
16–17 . . . . .	.00115	98,328	113	98,272	5,726,081	58.23
17–18 . . . . .	.00136	98,215	134	98,148	5,627,809	57.30
18–19 . . . . .	.00154	98,081	151	98,005	5,529,661	56.38
19–20 . . . . .	.00168	97,930	165	97,848	5,431,656	55.46
20–21 . . . . .	.00184	97,765	180	97,675	5,333,808	54.56
21–22 . . . . .	.00201	97,585	196	97,487	5,236,133	53.66
22–23 . . . . .	.00212	97,389	207	97,286	5,138,646	52.76
23–24 . . . . .	.00215	97,182	209	97,077	5,041,360	51.88
24–25 . . . . .	.00211	96,973	205	96,871	4,944,283	50.99
25–26 . . . . .	.00206	96,768	199	96,669	4,847,412	50.09
26–27 . . . . .	.00200	96,569	193	96,472	4,750,743	49.20
27–28 . . . . .	.00195	96,376	188	96,282	4,654,271	48.29
28–29 . . . . .	.00191	96,188	183	96,097	4,557,989	47.39
29–30 . . . . .	.00187	96,005	180	95,915	4,461,892	46.48
30–31 . . . . .	.00184	95,825	176	95,737	4,365,977	45.56
31–32 . . . . .	.00181	95,649	173	95,563	4,270,240	44.64
32–33 . . . . .	.00180	95,476	171	95,390	4,174,677	43.72
33–34 . . . . .	.00182	95,305	174	95,218	4,079,287	42.80
34–35 . . . . .	.00186	95,131	176	95,043	3,984,069	41.88
35–36 . . . . .	.00191	94,955	182	94,864	3,889,026	40.96
36–37 . . . . .	.00196	94,773	186	94,680	3,794,162	40.03
37–38 . . . . .	.00203	94,587	192	94,492	3,699,482	39.11
38–39 . . . . .	.00212	94,395	200	94,295	3,604,990	38.19
39–40 . . . . .	.00223	94,195	210	94,090	3,510,695	37.27
40–41 . . . . .	.00236	93,985	221	93,874	3,416,605	36.35
41–42 . . . . .	.00250	93,764	235	93,646	3,322,731	35.44
42–43 . . . . .	.00265	93,529	248	93,405	3,229,085	34.52
43–44 . . . . .	.00282	93,281	263	93,150	3,135,680	33.62
44–45 . . . . .	.00300	93,018	279	92,879	3,042,530	32.71
45–46 . . . . .	.00322	92,739	298	92,590	2,949,651	31.81
46–47 . . . . .	.00350	92,441	323	92,279	2,857,061	30.91
47–48 . . . . .	.00383	92,118	353	91,942	2,764,782	30.01
48–49 . . . . .	.00421	91,765	386	91,572	2,672,840	29.13
49–50 . . . . .	.00464	91,379	424	91,167	2,581,268	28.25
50–51 . . . . .	.00513	90,955	467	90,721	2,490,101	27.38
51–52 . . . . .	.00569	90,488	515	90,231	2,399,380	26.52
52–53 . . . . .	.00628	89,973	565	89,691	2,309,149	25.66
53–54 . . . . .	.00687	89,408	614	89,101	2,219,458	24.82
54–55 . . . . .	.00749	88,794	665	88,461	2,130,357	23.99

Table 2. Life table for males: Montana, 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 (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)
Period of life between two exact ages stated (1)	Proportion of persons alive at beginning of year of age dying during year (2)	l_x	d_x	L_x	T_x	${}^o e_x$
x to x+1	q_x					
55-56	.00816	88,129	719	87,770	2,041,896	23.17
56-57	.00893	87,410	781	87,019	1,954,126	22.36
57-58	.00980	86,629	849	86,205	1,867,107	21.55
58-59	.01078	85,780	925	85,317	1,780,902	20.76
59-60	.01184	84,855	1,005	84,353	1,695,585	19.98
60-61	.01294	83,850	1,085	83,307	1,611,232	19.22
61-62	.01410	82,765	1,167	82,182	1,527,925	18.46
62-63	.01536	81,598	1,253	80,971	1,445,743	17.72
63-64	.01679	80,345	1,350	79,670	1,364,772	16.99
64-65	.01841	78,995	1,454	78,268	1,285,102	16.27
65-66	.02007	77,541	1,557	76,763	1,206,834	15.56
66-67	.02187	75,984	1,661	75,153	1,130,071	14.87
67-68	.02412	74,323	1,793	73,426	1,054,918	14.19
68-69	.02699	72,530	1,957	71,552	981,492	13.53
69-70	.03036	70,573	2,143	69,501	909,940	12.89
70-71	.03414	68,430	2,336	67,262	840,439	12.28
71-72	.03802	66,094	2,513	64,837	773,177	11.70
72-73	.04175	63,581	2,655	62,254	708,340	11.14
73-74	.04515	60,926	2,751	59,550	646,086	10.60
74-75	.04836	58,175	2,813	56,769	586,536	10.08
75-76	.05166	55,362	2,860	53,932	529,767	9.57
76-77	.05543	52,502	2,910	51,047	475,835	9.06
77-78	.05994	49,592	2,973	48,105	424,788	8.57
78-79	.06553	46,619	3,055	45,092	376,683	8.08
79-80	.07223	43,564	3,147	41,991	331,591	7.61
80-81	.08017	40,417	3,240	38,797	289,600	7.17
81-82	.08896	37,177	3,307	35,524	250,803	6.75
82-83	.09794	33,870	3,317	32,211	215,279	6.36
83-84	.10634	30,553	3,249	28,929	183,068	5.99
84-85	.11427	27,304	3,120	25,744	154,139	5.65
85-86	.12359	24,184	2,989	22,690	128,395	5.31
86-87	.13495	21,195	2,860	19,765	105,705	4.99
87-88	.14705	18,335	2,696	16,987	85,940	4.69
88-89	.15924	15,639	2,490	14,394	68,953	4.41
89-90	.17140	13,149	2,254	12,022	54,559	4.15
90-91	.18412	10,895	2,006	9,891	42,537	3.90
91-92	.19830	8,889	1,763	8,008	32,646	3.67
92-93	.21354	7,126	1,522	6,365	24,638	3.46
93-94	.22937	5,604	1,285	4,962	18,273	3.26
94-95	.24491	4,319	1,058	3,790	13,311	3.08
95-96	.26004	3,261	848	2,837	9,521	2.92
96-97	.27536	2,413	664	2,081	6,684	2.77
97-98	.28943	1,749	506	1,496	4,603	2.63
98-99	.30390	1,243	378	1,054	3,107	2.50
99-100	.31910	865	276	727	2,053	2.37
100-101	.33505	589	197	490	1,326	2.25
101-102	.35181	392	138	323	836	2.13
102-103	.36940	254	94	207	513	2.02
103-104	.38787	160	62	129	306	1.91
104-105	.40726	98	40	78	177	1.81
105-106	.42762	58	25	45	99	1.71
106-107	.44900	33	15	26	54	1.61
107-108	.47145	18	8	14	28	1.52
108-109	.49503	10	5	7	14	1.43
109-110	.51978	5	3	4	7	1.35

Table 3. Life table for females: Montana, 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)	Average number of years of life remaining at beginning of year of age (7)
Period of life between two exact ages stated (1)	Proportion of persons alive at beginning of year of age dying during year (2)	l_x	d_x	L_x	T_x	${}^o e_x$
x to x+1	q_x					
0-1	.00786	100,000	786	99,433	7,949,426	79.49
1-2	.00064	99,214	63	99,183	7,849,993	79.12
2-3	.00038	99,151	38	99,132	7,750,810	78.17
3-4	.00029	99,113	29	99,099	7,651,678	77.20
4-5	.00022	99,084	22	99,074	7,552,579	76.22
5-6	.00020	99,062	20	99,052	7,453,505	75.24
6-7	.00018	99,042	18	99,033	7,354,453	74.26
7-8	.00017	99,024	17	99,015	7,255,420	73.27
8-9	.00015	99,007	15	99,000	7,156,405	72.28
9-10	.00013	98,992	13	98,986	7,057,405	71.29
10-11	.00011	98,979	11	98,973	6,958,419	70.30
11-12	.00011	98,968	11	98,962	6,859,446	69.31
12-13	.00014	98,957	14	98,950	6,760,484	68.32
13-14	.00021	98,943	21	98,932	6,661,534	67.33
14-15	.00031	98,922	32	98,906	6,562,602	66.34
15-16	.00043	98,890	42	98,869	6,463,696	65.36
16-17	.00054	98,848	54	98,821	6,364,827	64.39
17-18	.00064	98,794	63	98,762	6,266,006	63.43
18-19	.00070	98,731	69	98,697	6,167,244	62.47
19-20	.00074	98,662	73	98,625	6,068,547	61.51
20-21	.00077	98,589	77	98,550	5,969,922	60.55
21-22	.00081	98,512	80	98,473	5,871,372	59.60
22-23	.00083	98,432	82	98,391	5,772,899	58.65
23-24	.00082	98,350	81	98,309	5,674,508	57.70
24-25	.00079	98,269	77	98,231	5,576,199	56.74
25-26	.00076	98,192	75	98,155	5,477,968	55.79
26-27	.00073	98,117	71	98,081	5,379,813	54.83
27-28	.00071	98,046	69	98,012	5,281,732	53.87
28-29	.00070	97,977	68	97,943	5,183,720	52.91
29-30	.00070	97,909	69	97,874	5,085,777	51.94
30-31	.00070	97,840	68	97,806	4,987,903	50.98
31-32	.00071	97,772	70	97,737	4,890,097	50.02
32-33	.00072	97,702	70	97,667	4,792,360	49.05
33-34	.00074	97,632	73	97,596	4,694,693	48.09
34-35	.00077	97,559	75	97,521	4,597,097	47.12
35-36	.00080	97,484	78	97,446	4,499,576	46.16
36-37	.00084	97,406	82	97,365	4,402,130	45.19
37-38	.00089	97,324	87	97,281	4,304,765	44.23
38-39	.00096	97,237	93	97,190	4,207,484	43.27
39-40	.00105	97,144	102	97,093	4,110,294	42.31
40-41	.00115	97,042	111	96,987	4,013,201	41.36
41-42	.00127	96,931	123	96,869	3,916,214	40.40
42-43	.00139	96,808	134	96,741	3,819,345	39.45
43-44	.00152	96,674	148	96,600	3,722,604	38.51
44-45	.00167	96,526	161	96,446	3,626,004	37.56
45-46	.00184	96,365	177	96,277	3,529,558	36.63
46-47	.00204	96,188	196	96,090	3,433,281	35.69
47-48	.00230	95,992	221	95,881	3,337,191	34.77
48-49	.00260	95,771	249	95,647	3,241,310	33.84
49-50	.00295	95,522	282	95,381	3,145,663	32.93
50-51	.00333	95,240	318	95,081	3,050,282	32.03
51-52	.00375	94,922	355	94,744	2,955,201	31.13
52-53	.00415	94,567	393	94,371	2,860,457	30.25
53-54	.00454	94,174	428	93,960	2,766,086	29.37
54-55	.00493	93,746	462	93,515	2,672,126	28.50

Table 3. Life table for females: Montana, 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 (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)
Period of life between two exact ages stated (1)	Proportion of persons alive at beginning of year of age dying during year (2)	l_x	d_x	L_x	T_x	${}^o e_x$
x to x+1	q_x					
55–56	.00536	93,284	500	93,034	2,578,611	27.64
56–57	.00583	92,784	540	92,514	2,485,577	26.79
57–58	.00630	92,244	582	91,954	2,393,063	25.94
58–59	.00677	91,662	620	91,352	2,301,109	25.10
59–60	.00724	91,042	659	90,712	2,209,757	24.27
60–61	.00771	90,383	697	90,035	2,119,045	23.45
61–62	.00825	89,686	740	89,316	2,029,010	22.62
62–63	.00897	88,946	798	88,547	1,939,694	21.81
63–64	.00994	88,148	877	87,710	1,851,147	21.00
64–65	.01113	87,271	971	86,786	1,763,437	20.21
65–66	.01242	86,300	1,071	85,764	1,676,651	19.43
66–67	.01374	85,229	1,171	84,643	1,590,887	18.67
67–68	.01513	84,058	1,272	83,422	1,506,244	17.92
68–69	.01657	82,786	1,372	82,100	1,422,822	17.19
69–70	.01807	81,414	1,471	80,679	1,340,722	16.47
70–71	.01964	79,943	1,569	79,159	1,260,043	15.76
71–72	.02132	78,374	1,671	77,538	1,180,884	15.07
72–73	.02314	76,703	1,775	75,815	1,103,346	14.38
73–74	.02517	74,928	1,886	73,985	1,027,531	13.71
74–75	.02744	73,042	2,004	72,040	953,546	13.05
75–76	.02992	71,038	2,125	69,976	881,506	12.41
76–77	.03262	68,913	2,248	67,789	811,530	11.78
77–78	.03566	66,665	2,377	65,476	743,741	11.16
78–79	.03913	64,288	2,516	63,030	678,265	10.55
79–80	.04307	61,772	2,660	60,441	615,235	9.96
80–81	.04753	59,112	2,810	57,707	554,794	9.39
81–82	.05254	56,302	2,958	54,824	497,087	8.83
82–83	.05820	53,344	3,104	51,791	442,263	8.29
83–84	.06453	50,240	3,242	48,619	390,472	7.77
84–85	.07158	46,998	3,364	45,316	341,853	7.27
85–86	.08018	43,634	3,499	41,885	296,537	6.80
86–87	.08988	40,135	3,607	38,331	254,652	6.34
87–88	.10016	36,528	3,658	34,699	216,321	5.92
88–89	.11079	32,870	3,642	31,049	181,622	5.53
89–90	.12206	29,228	3,567	27,445	150,573	5.15
90–91	.13482	25,661	3,460	23,930	123,128	4.80
91–92	.14926	22,201	3,314	20,544	99,198	4.47
92–93	.16467	18,887	3,110	17,333	78,654	4.16
93–94	.18071	15,777	2,851	14,351	61,321	3.89
94–95	.19743	12,926	2,552	11,650	46,970	3.63
95–96	.21475	10,374	2,228	9,260	35,320	3.40
96–97	.23143	8,146	1,885	7,204	26,060	3.20
97–98	.24775	6,261	1,551	5,485	18,856	3.01
98–99	.26375	4,710	1,242	4,089	13,371	2.84
99–100	.27957	3,468	970	2,982	9,282	2.68
100–101	.29635	2,498	740	2,128	6,300	2.52
101–102	.31413	1,758	552	1,482	4,172	2.37
102–103	.33298	1,206	402	1,005	2,690	2.23
103–104	.35296	804	284	662	1,685	2.10
104–105	.37413	520	194	423	1,023	1.97
105–106	.39658	326	129	261	600	1.84
106–107	.42038	197	83	156	339	1.72
107–108	.44560	114	51	88	183	1.61
108–109	.47233	63	30	48	95	1.50
109–110	.50068	33	16	25	47	1.40

Table 4. Life table for the white population: Montana, 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)	Average number of years of life remaining at beginning of year of age (7)
Period of life between two exact ages stated (1)	Proportion of persons alive at beginning of year of age dying during year (2)	l_x	d_x	L_x	T_x	${}^o e_x$
x to x+1	q_x					
0-1	.00796	100,000	796	99,417	7,672,424	76.72
1-2	.00067	99,204	67	99,170	7,573,007	76.34
2-3	.00045	99,137	44	99,115	7,473,837	75.39
3-4	.00033	99,093	33	99,076	7,374,722	74.42
4-5	.00027	99,060	27	99,047	7,275,646	73.45
5-6	.00023	99,033	22	99,022	7,176,599	72.47
6-7	.00021	99,011	21	99,000	7,077,577	71.48
7-8	.00020	98,990	19	98,980	6,978,577	70.50
8-9	.00018	98,971	18	98,962	6,879,597	69.51
9-10	.00017	98,953	17	98,944	6,780,635	68.52
10-11	.00015	98,936	15	98,929	6,681,691	67.54
11-12	.00017	98,921	17	98,913	6,582,762	66.55
12-13	.00022	98,904	21	98,893	6,483,849	65.56
13-14	.00032	98,883	32	98,867	6,384,956	64.57
14-15	.00047	98,851	46	98,828	6,286,089	63.59
15-16	.00064	98,805	63	98,773	6,187,261	62.62
16-17	.00080	98,742	79	98,702	6,088,488	61.66
17-18	.00093	98,663	92	98,617	5,989,786	60.71
18-19	.00103	98,571	102	98,520	5,891,169	59.77
19-20	.00110	98,469	109	98,414	5,792,649	58.83
20-21	.00117	98,360	115	98,303	5,694,235	57.89
21-22	.00124	98,245	122	98,185	5,595,932	56.96
22-23	.00129	98,123	126	98,060	5,497,747	56.03
23-24	.00130	97,997	127	97,933	5,399,687	55.10
24-25	.00127	97,870	125	97,807	5,301,754	54.17
25-26	.00124	97,745	121	97,685	5,203,947	53.24
26-27	.00121	97,624	118	97,565	5,106,262	52.31
27-28	.00118	97,506	115	97,449	5,008,697	51.37
28-29	.00116	97,391	113	97,334	4,911,248	50.43
29-30	.00115	97,278	112	97,222	4,813,914	49.49
30-31	.00115	97,166	112	97,110	4,716,692	48.54
31-32	.00115	97,054	111	96,999	4,619,582	47.60
32-33	.00115	96,943	112	96,887	4,522,583	46.65
33-34	.00117	96,831	113	96,774	4,425,696	45.71
34-35	.00120	96,718	116	96,660	4,328,922	44.76
35-36	.00123	96,602	118	96,543	4,232,262	43.81
36-37	.00126	96,484	122	96,423	4,135,719	42.86
37-38	.00132	96,362	127	96,298	4,039,296	41.92
38-39	.00140	96,235	135	96,168	3,942,998	40.97
39-40	.00150	96,100	144	96,028	3,846,830	40.03
40-41	.00162	95,956	155	95,879	3,750,802	39.09
41-42	.00175	95,801	168	95,717	3,654,923	38.15
42-43	.00189	95,633	180	95,543	3,559,206	37.22
43-44	.00202	95,453	192	95,357	3,463,663	36.29
44-45	.00215	95,261	205	95,158	3,368,306	35.36
45-46	.00231	95,056	220	94,946	3,273,148	34.43
46-47	.00252	94,836	239	94,716	3,178,202	33.51
47-48	.00278	94,597	263	94,466	3,083,486	32.60
48-49	.00311	94,334	294	94,187	2,989,020	31.69
49-50	.00350	94,040	329	93,875	2,894,833	30.78
50-51	.00395	93,711	370	93,526	2,800,958	29.89
51-52	.00444	93,341	415	93,134	2,707,432	29.01
52-53	.00494	92,926	459	92,697	2,614,298	28.13
53-54	.00543	92,467	502	92,216	2,521,601	27.27
54-55	.00592	91,965	544	91,693	2,429,385	26.42

Table 4. Life table for the white population: Montana, 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 (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)
Period of life between two exact ages stated (1)	Proportion of persons alive at beginning of year of age dying during year (2)	l_x	d_x	L_x	T_x	${}^o e_x$
x to x+1	q_x					
55–56	.00646	91,421	590	91,126	2,337,692	25.57
56–57	.00706	90,831	642	90,510	2,246,566	24.73
57–58	.00773	90,189	697	89,840	2,156,056	23.91
58–59	.00845	89,492	756	89,114	2,066,216	23.09
59–60	.00921	88,736	818	88,327	1,977,102	22.28
60–61	.00999	87,918	878	87,479	1,888,775	21.48
61–62	.01083	87,040	943	86,568	1,801,296	20.70
62–63	.01181	86,097	1,016	85,589	1,714,728	19.92
63–64	.01299	85,081	1,106	84,528	1,629,139	19.15
64–65	.01437	83,975	1,206	83,372	1,544,611	18.39
65–66	.01581	82,769	1,309	82,115	1,461,239	17.65
66–67	.01733	81,460	1,412	80,754	1,379,124	16.93
67–68	.01909	80,048	1,528	79,284	1,298,370	16.22
68–69	.02115	78,520	1,661	77,689	1,219,086	15.53
69–70	.02345	76,859	1,802	75,958	1,141,397	14.85
70–71	.02595	75,057	1,948	74,083	1,065,439	14.20
71–72	.02853	73,109	2,086	72,066	991,356	13.56
72–73	.03113	71,023	2,211	69,917	919,290	12.94
73–74	.03371	68,812	2,320	67,653	849,373	12.34
74–75	.03636	66,492	2,418	65,283	781,720	11.76
75–76	.03918	64,074	2,510	62,820	716,437	11.18
76–77	.04230	61,564	2,604	60,262	653,617	10.62
77–78	.04589	58,960	2,706	57,607	593,355	10.06
78–79	.05010	56,254	2,818	54,845	535,748	9.52
79–80	.05496	53,436	2,937	51,968	480,903	9.00
80–81	.06054	50,499	3,057	48,971	428,935	8.49
81–82	.06673	47,442	3,166	45,859	379,964	8.01
82–83	.07333	44,276	3,246	42,653	334,105	7.55
83–84	.08010	41,030	3,287	39,386	291,452	7.10
84–85	.08716	37,743	3,290	36,099	252,066	6.68
85–86	.09551	34,453	3,290	32,808	215,967	6.27
86–87	.10522	31,163	3,279	29,523	183,159	5.88
87–88	.11549	27,884	3,220	26,274	153,636	5.51
88–89	.12594	24,664	3,107	23,110	127,362	5.16
89–90	.13677	21,557	2,948	20,083	104,252	4.84
90–91	.14881	18,609	2,769	17,225	84,169	4.52
91–92	.16258	15,840	2,575	14,552	66,944	4.23
92–93	.17761	13,265	2,356	12,086	52,392	3.95
93–94	.19361	10,909	2,112	9,853	40,306	3.69
94–95	.21035	8,797	1,851	7,871	30,453	3.46
95–96	.22760	6,946	1,581	6,156	22,582	3.25
96–97	.24414	5,365	1,310	4,710	16,426	3.06
97–98	.26009	4,055	1,054	3,528	11,716	2.89
98–99	.27538	3,001	827	2,588	8,188	2.73
99–100	.29135	2,174	633	1,857	5,600	2.58
100–101	.30824	1,541	475	1,304	3,743	2.43
101–102	.32612	1,066	348	892	2,439	2.29
102–103	.34504	718	248	594	1,547	2.15
103–104	.36505	470	171	385	953	2.03
104–105	.38622	299	116	241	568	1.90
105–106	.40862	183	75	146	327	1.78
106–107	.43232	108	46	85	181	1.67
107–108	.45740	62	29	47	96	1.56
108–109	.48393	33	16	25	49	1.46
109–110	.51200	17	9	13	24	1.36

Table 5. Life table for white males: Montana, 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)	Average number of years of life remaining at beginning of year of age (7)
Period of life between two exact ages stated (1)	Proportion of persons alive at beginning of year of age dying during year (2)	l_x	d_x	L_x	T_x	${}^o e_x$
x to x+1	q_x					
0-1	.00912	100,000	912	99,334	7,359,061	73.59
1-2	.00077	99,088	76	99,051	7,259,727	73.27
2-3	.00056	99,012	55	98,984	7,160,676	72.32
3-4	.00041	98,957	40	98,937	7,061,692	71.36
4-5	.00033	98,917	33	98,900	6,962,755	70.39
5-6	.00029	98,884	28	98,870	6,863,855	69.41
6-7	.00026	98,856	26	98,843	6,764,985	68.43
7-8	.00025	98,830	25	98,817	6,666,142	67.45
8-9	.00023	98,805	23	98,794	6,567,325	66.47
9-10	.00021	98,782	21	98,771	6,468,531	65.48
10-11	.00020	98,761	20	98,751	6,369,760	64.50
11-12	.00022	98,741	22	98,730	6,271,009	63.51
12-13	.00029	98,719	28	98,705	6,172,279	62.52
13-14	.00043	98,691	43	98,669	6,073,574	61.54
14-15	.00063	98,648	62	98,617	5,974,905	60.57
15-16	.00085	98,586	83	98,545	5,876,288	59.61
16-17	.00106	98,503	105	98,450	5,777,743	58.66
17-18	.00125	98,398	123	98,336	5,679,293	57.72
18-19	.00140	98,275	138	98,206	5,580,957	56.79
19-20	.00151	98,137	148	98,063	5,482,751	55.87
20-21	.00164	97,989	161	97,909	5,384,688	54.95
21-22	.00177	97,828	173	97,741	5,286,779	54.04
22-23	.00187	97,655	183	97,564	5,189,038	53.14
23-24	.00189	97,472	184	97,380	5,091,474	52.24
24-25	.00187	97,288	182	97,197	4,994,094	51.33
25-26	.00182	97,106	177	97,017	4,896,897	50.43
26-27	.00178	96,929	173	96,843	4,799,880	49.52
27-28	.00175	96,756	169	96,672	4,703,037	48.61
28-29	.00172	96,587	166	96,504	4,606,365	47.69
29-30	.00171	96,421	165	96,338	4,509,861	46.77
30-31	.00170	96,256	164	96,174	4,413,523	45.85
31-32	.00170	96,092	163	96,010	4,317,349	44.93
32-33	.00170	95,929	163	95,847	4,221,339	44.01
33-34	.00171	95,766	164	95,684	4,125,492	43.08
34-35	.00173	95,602	165	95,519	4,029,808	42.15
35-36	.00175	95,437	167	95,354	3,934,289	41.22
36-37	.00178	95,270	170	95,185	3,838,935	40.30
37-38	.00184	95,100	175	95,012	3,743,750	39.37
38-39	.00193	94,925	183	94,833	3,648,738	38.44
39-40	.00204	94,742	193	94,646	3,553,905	37.51
40-41	.00218	94,549	206	94,446	3,459,259	36.59
41-42	.00233	94,343	219	94,233	3,364,813	35.67
42-43	.00247	94,124	233	94,007	3,270,580	34.75
43-44	.00261	93,891	245	93,769	3,176,573	33.83
44-45	.00275	93,646	258	93,516	3,082,804	32.92
45-46	.00292	93,388	273	93,252	2,989,288	32.01
46-47	.00315	93,115	293	92,969	2,896,036	31.10
47-48	.00345	92,822	320	92,662	2,803,067	30.20
48-49	.00383	92,502	355	92,324	2,710,405	29.30
49-50	.00430	92,147	395	91,950	2,618,081	28.41
50-51	.00484	91,752	445	91,530	2,526,131	27.53
51-52	.00544	91,307	497	91,058	2,434,601	26.66
52-53	.00605	90,810	549	90,536	2,343,543	25.81
53-54	.00663	90,261	599	89,961	2,253,007	24.96
54-55	.00721	89,662	647	89,339	2,163,046	24.12

Table 5. Life table for white males: Montana, 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 (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)
Period of life between two exact ages stated (1)	Proportion of persons alive at beginning of year of age dying during year (2)	l_x	d_x	L_x	T_x	${}^o e_x$
x to x+1	q_x					
55-56	.00784	89,015	698	88,666	2,073,707	23.30
56-57	.00856	88,317	756	87,939	1,985,041	22.48
57-58	.00941	87,561	824	87,149	1,897,102	21.67
58-59	.01040	86,737	902	86,286	1,809,953	20.87
59-60	.01148	85,835	986	85,342	1,723,667	20.08
60-61	.01260	84,849	1,068	84,315	1,638,325	19.31
61-62	.01376	83,781	1,153	83,204	1,554,010	18.55
62-63	.01503	82,628	1,242	82,007	1,470,806	17.80
63-64	.01649	81,386	1,342	80,715	1,388,799	17.06
64-65	.01814	80,044	1,452	79,318	1,308,084	16.34
65-66	.01983	78,592	1,558	77,813	1,228,766	15.63
66-67	.02166	77,034	1,669	76,200	1,150,953	14.94
67-68	.02389	75,365	1,800	74,465	1,074,753	14.26
68-69	.02669	73,565	1,964	72,583	1,000,288	13.60
69-70	.02994	71,601	2,143	70,529	927,705	12.96
70-71	.03356	69,458	2,331	68,293	857,176	12.34
71-72	.03728	67,127	2,502	65,876	788,883	11.75
72-73	.04091	64,625	2,644	63,303	723,007	11.19
73-74	.04430	61,981	2,746	60,608	659,704	10.64
74-75	.04758	59,235	2,818	57,826	599,096	10.11
75-76	.05099	56,417	2,877	54,979	541,270	9.59
76-77	.05488	53,540	2,938	52,070	486,291	9.08
77-78	.05949	50,602	3,010	49,097	434,221	8.58
78-79	.06511	47,592	3,099	46,042	385,124	8.09
79-80	.07177	44,493	3,194	42,896	339,082	7.62
80-81	.07965	41,299	3,289	39,655	296,186	7.17
81-82	.08839	38,010	3,360	36,330	256,531	6.75
82-83	.09734	34,650	3,372	32,964	220,201	6.35
83-84	.10577	31,278	3,309	29,624	187,237	5.99
84-85	.11383	27,969	3,183	26,377	157,613	5.64
85-86	.12340	24,786	3,059	23,256	131,236	5.29
86-87	.13506	21,727	2,934	20,260	107,980	4.97
87-88	.14743	18,793	2,771	17,407	87,720	4.67
88-89	.15973	16,022	2,559	14,743	70,313	4.39
89-90	.17187	13,463	2,314	12,306	55,570	4.13
90-91	.18454	11,149	2,057	10,120	43,264	3.88
91-92	.19881	9,092	1,808	8,188	33,144	3.65
92-93	.21436	7,284	1,561	6,503	24,956	3.43
93-94	.23086	5,723	1,321	5,063	18,453	3.22
94-95	.24728	4,402	1,089	3,857	13,390	3.04
95-96	.26329	3,313	872	2,877	9,533	2.88
96-97	.27914	2,441	682	2,100	6,656	2.73
97-98	.29399	1,759	517	1,501	4,556	2.59
98-99	.30869	1,242	383	1,050	3,055	2.46
99-100	.32413	859	279	720	2,005	2.33
100-101	.34033	580	197	482	1,285	2.21
101-102	.35735	383	137	314	803	2.10
102-103	.37522	246	92	200	489	1.99
103-104	.39398	154	61	123	289	1.88
104-105	.41368	93	38	74	166	1.78
105-106	.43436	55	24	43	92	1.68
106-107	.45608	31	14	24	49	1.58
107-108	.47888	17	8	13	25	1.49
108-109	.50282	9	5	6	12	1.41
109-110	.52797	4	2	3	6	1.32

Table 6. Life table for white females: Montana, 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)	Average number of years of life remaining at beginning of year of age (7)
Period of life between two exact ages stated (1)	Proportion of persons alive at beginning of year of age dying during year (2)	l_x	d_x	L_x	T_x	${}^o e_x$
x to x+1	q_x	l_x	d_x	L_x	T_x	${}^o e_x$
0-1	.00675	100,000	675	99,503	7,992,370	79.92
1-2	.00057	99,325	57	99,297	7,892,867	79.47
2-3	.00033	99,268	33	99,251	7,793,570	78.51
3-4	.00025	99,235	26	99,222	7,694,319	77.54
4-5	.00020	99,209	19	99,199	7,595,097	76.56
5-6	.00017	99,190	17	99,182	7,495,898	75.57
6-7	.00015	99,173	15	99,165	7,396,716	74.58
7-8	.00014	99,158	14	99,151	7,297,551	73.60
8-9	.00013	99,144	12	99,138	7,198,400	72.61
9-10	.00011	99,132	12	99,126	7,099,262	71.61
10-11	.00010	99,120	10	99,115	7,000,136	70.62
11-12	.00011	99,110	11	99,105	6,901,021	69.63
12-13	.00014	99,099	14	99,092	6,801,916	68.64
13-14	.00021	99,085	21	99,075	6,702,824	67.65
14-15	.00030	99,064	29	99,049	6,603,749	66.66
15-16	.00041	99,035	41	99,015	6,504,700	65.68
16-17	.00051	98,994	51	98,969	6,405,685	64.71
17-18	.00059	98,943	58	98,914	6,306,716	63.74
18-19	.00064	98,885	64	98,853	6,207,802	62.78
19-20	.00066	98,821	65	98,788	6,108,949	61.82
20-21	.00067	98,756	67	98,723	6,010,161	60.86
21-22	.00069	98,689	68	98,655	5,911,438	59.90
22-23	.00070	98,621	69	98,587	5,812,783	58.94
23-24	.00069	98,552	68	98,518	5,714,196	57.98
24-25	.00067	98,484	66	98,451	5,615,678	57.02
25-26	.00066	98,418	65	98,385	5,517,227	56.06
26-27	.00064	98,353	63	98,322	5,418,842	55.10
27-28	.00062	98,290	61	98,260	5,320,520	54.13
28-29	.00062	98,229	61	98,198	5,222,260	53.16
29-30	.00062	98,168	60	98,139	5,124,062	52.20
30-31	.00062	98,108	60	98,077	5,025,923	51.23
31-32	.00062	98,048	61	98,018	4,927,846	50.26
32-33	.00063	97,987	62	97,956	4,829,828	49.29
33-34	.00065	97,925	64	97,893	4,731,872	48.32
34-35	.00068	97,861	66	97,828	4,633,979	47.35
35-36	.00071	97,795	69	97,761	4,536,151	46.38
36-37	.00074	97,726	73	97,690	4,438,390	45.42
37-38	.00079	97,653	77	97,615	4,340,700	44.45
38-39	.00086	97,576	84	97,534	4,243,085	43.48
39-40	.00094	97,492	91	97,446	4,145,551	42.52
40-41	.00103	97,401	101	97,351	4,048,105	41.56
41-42	.00114	97,300	111	97,244	3,950,754	40.60
42-43	.00126	97,189	123	97,127	3,853,510	39.65
43-44	.00138	97,066	134	96,999	3,756,383	38.70
44-45	.00151	96,932	147	96,859	3,659,384	37.75
45-46	.00167	96,785	161	96,704	3,562,525	36.81
46-47	.00186	96,624	180	96,535	3,465,821	35.87
47-48	.00209	96,444	201	96,343	3,369,286	34.94
48-49	.00237	96,243	229	96,128	3,272,943	34.01
49-50	.00269	96,014	258	95,886	3,176,815	33.09
50-51	.00304	95,756	291	95,610	3,080,929	32.17
51-52	.00343	95,465	327	95,301	2,985,319	31.27
52-53	.00383	95,138	364	94,956	2,890,018	30.38
53-54	.00423	94,774	401	94,574	2,795,062	29.49
54-55	.00464	94,373	438	94,154	2,700,488	28.61

Table 6. Life table for white females: Montana, 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 (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)
Period of life between two exact ages stated (1)	Proportion of persons alive at beginning of year of age dying during year (2)	l_x	d_x	L_x	T_x	${}^o e_x$
x to x+1	q_x					
55-56	.00510	93,935	478	93,696	2,606,334	27.75
56-57	.00560	93,457	524	93,195	2,512,638	26.89
57-58	.00609	92,933	566	92,650	2,419,443	26.03
58-59	.00655	92,367	605	92,065	2,326,793	25.19
59-60	.00701	91,762	643	91,440	2,234,728	24.35
60-61	.00746	91,119	680	90,779	2,143,288	23.52
61-62	.00799	90,439	723	90,077	2,052,509	22.70
62-63	.00869	89,716	780	89,326	1,962,432	21.87
63-64	.00963	88,936	856	88,508	1,873,106	21.06
64-65	.01078	88,080	950	87,605	1,784,598	20.26
65-66	.01202	87,130	1,047	86,607	1,696,993	19.48
66-67	.01330	86,083	1,145	85,510	1,610,386	18.71
67-68	.01467	84,938	1,246	84,316	1,524,876	17.95
68-69	.01612	83,692	1,349	83,017	1,440,560	17.21
69-70	.01767	82,343	1,455	81,615	1,357,543	16.49
70-71	.01929	80,888	1,560	80,108	1,275,928	15.77
71-72	.02102	79,328	1,668	78,494	1,195,820	15.07
72-73	.02291	77,660	1,779	76,770	1,117,326	14.39
73-74	.02500	75,881	1,897	74,933	1,040,556	13.71
74-75	.02732	73,984	2,022	72,973	965,623	13.05
75-76	.02988	71,962	2,150	70,888	892,650	12.40
76-77	.03265	69,812	2,279	68,672	821,762	11.77
77-78	.03572	67,533	2,413	66,327	753,090	11.15
78-79	.03915	65,120	2,549	63,846	686,763	10.55
79-80	.04299	62,571	2,690	61,226	622,917	9.96
80-81	.04728	59,881	2,831	58,466	561,691	9.38
81-82	.05213	57,050	2,974	55,563	503,225	8.82
82-83	.05769	54,076	3,119	52,516	447,662	8.28
83-84	.06405	50,957	3,264	49,325	395,146	7.75
84-85	.07127	47,693	3,399	45,994	345,821	7.25
85-86	.08012	44,294	3,549	42,520	299,827	6.77
86-87	.09008	40,745	3,670	38,910	257,307	6.32
87-88	.10058	37,075	3,729	35,210	218,397	5.89
88-89	.11131	33,346	3,712	31,490	183,187	5.49
89-90	.12260	29,634	3,633	27,817	151,697	5.12
90-91	.13541	26,001	3,521	24,241	123,880	4.76
91-92	.15005	22,480	3,373	20,793	99,639	4.43
92-93	.16579	19,107	3,168	17,523	78,846	4.13
93-94	.18228	15,939	2,905	14,487	61,323	3.85
94-95	.19950	13,034	2,600	11,734	46,836	3.59
95-96	.21737	10,434	2,268	9,299	35,102	3.36
96-97	.23434	8,166	1,914	7,209	25,803	3.16
97-98	.25091	6,252	1,569	5,468	18,594	2.97
98-99	.26715	4,683	1,251	4,057	13,126	2.80
99-100	.28318	3,432	972	2,947	9,069	2.64
100-101	.30017	2,460	738	2,091	6,122	2.49
101-102	.31818	1,722	548	1,448	4,031	2.34
102-103	.33727	1,174	396	975	2,583	2.20
103-104	.35750	778	278	639	1,608	2.07
104-105	.37895	500	190	406	969	1.94
105-106	.40169	310	124	248	563	1.81
106-107	.42579	186	79	146	315	1.70
107-108	.45134	107	48	82	169	1.59
108-109	.47842	59	28	45	87	1.48
109-110	.50712	31	16	23	42	1.38

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

Exact age in years	Total			White			All other					
	Both sexes	Male	Female	Both sexes	Male	Female	Total			Black		
							Both sexes	Male	Female	Both sexes	Male	Female
0	.000509	.000758	.000676	.000511	.000764	.000673	*	*	*	*	*	*
1	.000147	.000221	.000193	.000149	.000222	.000196	*	*	*	*	*	*
2	.000118	.000183	.000148	.000120	.000186	.000148	*	*	*	*	*	*
3	.000101	.000155	.000128	.000101	.000156	.000127	*	*	*	*	*	*
4	.000088	.000137	.000111	.000089	.000139	.000110	*	*	*	*	*	*
5	.000083	.000127	.000104	.000081	.000127	.000100	*	*	*	*	*	*
6	.000078	.000121	.000098	.000077	.000121	.000094	*	*	*	*	*	*
7	.000075	.000117	.000094	.000074	.000117	.000090	*	*	*	*	*	*
8	.000072	.000112	.000089	.000071	.000113	.000086	*	*	*	*	*	*
9	.000068	.000107	.000083	.000068	.000108	.000081	*	*	*	*	*	*
10	.000065	.000103	.000078	.000066	.000106	.000078	*	*	*	*	*	*
11	.000067	.000107	.000078	.000069	.000111	.000081	*	*	*	*	*	*
12	.000077	.000125	.000088	.000080	.000128	.000092	*	*	*	*	*	*
13	.000096	.000155	.000109	.000098	.000157	.000113	*	*	*	*	*	*
14	.000117	.000188	.000133	.000119	.000191	.000137	*	*	*	*	*	*
15	.000138	.000221	.000158	.000139	.000223	.000161	*	*	*	*	*	*
16	.000156	.000250	.000178	.000157	.000251	.000181	*	*	*	*	*	*
17	.000171	.000275	.000196	.000172	.000277	.000198	*	*	*	*	*	*
18	.000185	.000298	.000209	.000185	.000299	.000210	*	*	*	*	*	*
19	.000197	.000321	.000220	.000196	.000320	.000218	*	*	*	*	*	*
20	.000210	.000346	.000231	.000208	.000343	.000226	*	*	*	*	*	*
21	.000224	.000372	.000242	.000220	.000368	.000234	*	*	*	*	*	*
22	.000231	.000388	.000247	.000227	.000383	.000237	*	*	*	*	*	*
23	.000230	.000389	.000242	.000225	.000384	.000233	*	*	*	*	*	*
24	.000222	.000378	.000232	.000218	.000374	.000225	*	*	*	*	*	*
25	.000213	.000365	.000221	.000210	.000361	.000216	*	*	*	*	*	*
26	.000205	.000353	.000212	.000203	.000349	.000208	*	*	*	*	*	*
27	.000198	.000341	.000203	.000196	.000338	.000200	*	*	*	*	*	*
28	.000191	.000331	.000197	.000190	.000329	.000194	*	*	*	*	*	*
29	.000186	.000322	.000193	.000185	.000321	.000189	*	*	*	*	*	*
30	.000181	.000313	.000190	.000180	.000314	.000185	*	*	*	*	*	*
31	.000177	.000305	.000187	.000176	.000307	.000182	*	*	*	*	*	*
32	.000175	.000300	.000186	.000174	.000302	.000180	*	*	*	*	*	*
33	.000175	.000299	.000187	.000174	.000300	.000182	*	*	*	*	*	*
34	.000177	.000301	.000191	.000175	.000300	.000185	*	*	*	*	*	*
35	.000180	.000304	.000196	.000177	.000300	.000190	*	*	*	*	*	*
36	.000184	.000308	.000201	.000180	.000302	.000195	*	*	*	*	*	*
37	.000189	.000314	.000209	.000185	.000307	.000203	*	*	*	*	*	*
38	.000196	.000323	.000219	.000191	.000316	.000213	*	*	*	*	*	*
39	.000204	.000334	.000232	.000200	.000328	.000226	*	*	*	*	*	*
40	.000215	.000347	.000248	.000211	.000343	.000242	*	*	*	*	*	*
41	.000226	.000363	.000265	.000224	.000359	.000259	*	*	*	*	*	*
42	.000240	.000381	.000284	.000237	.000377	.000278	*	*	*	*	*	*
43	.000254	.000402	.000305	.000251	.000397	.000298	*	*	*	*	*	*
44	.000271	.000427	.000328	.000266	.000419	.000321	*	*	*	*	*	*
45	.000291	.000457	.000354	.000285	.000447	.000347	*	*	*	*	*	*
46	.000315	.000493	.000385	.000307	.000479	.000377	*	*	*	*	*	*
47	.000340	.000532	.000420	.000332	.000518	.000411	*	*	*	*	*	*
48	.000367	.000572	.000456	.000359	.000560	.000447	*	*	*	*	*	*
49	.000394	.000612	.000493	.000388	.000604	.000484	*	*	*	*	*	*
50	.000422	.000655	.000531	.000418	.000652	.000522	*	*	*	*	*	*
51	.000453	.000702	.000571	.000451	.000704	.000562	*	*	*	*	*	*
52	.000482	.000749	.000608	.000482	.000754	.000601	*	*	*	*	*	*
53	.000511	.000795	.000643	.000512	.000801	.000638	*	*	*	*	*	*
54	.000539	.000841	.000677	.000540	.000845	.000675	*	*	*	*	*	*
55	.000568	.000889	.000712	.000570	.000891	.000714	*	*	*	*	*	*
56	.000598	.000939	.000748	.000601	.000940	.000753	*	*	*	*	*	*
57	.000628	.000989	.000781	.000631	.000990	.000787	*	*	*	*	*	*
58	.000655	.001037	.000808	.000658	.001039	.000815	*	*	*	*	*	*
59	.000680	.001082	.000833	.000684	.001086	.000838	*	*	*	*	*	*

Table 7. Standard errors of the probability of dying: Montana, 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	.000703	.001124	.000854	.000707	.001129	.000859	*	*	*	*	*	*
61	.000727	.001167	.000879	.000731	.001173	.000883	*	*	*	*	*	*
62	.000757	.001216	.000914	.000761	.001223	.000917	*	*	*	*	*	*
63	.000794	.001274	.000962	.000799	.001283	.000964	*	*	*	*	*	*
64	.000838	.001343	.001021	.000843	.001354	.001022	*	*	*	*	*	*
65	.000884	.001413	.001082	.000889	.001426	.001082	*	*	*	*	*	*
66	.000930	.001487	.001143	.000935	.001501	.001142	*	*	*	*	*	*
67	.000983	.001577	.001205	.000988	.001592	.001203	*	*	*	*	*	*
68	.001043	.001688	.001267	.001048	.001702	.001267	*	*	*	*	*	*
69	.001108	.001816	.001330	.001114	.001826	.001333	*	*	*	*	*	*
70	.001178	.001955	.001396	.001184	.001962	.001402	*	*	*	*	*	*
71	.001251	.002099	.001466	.001257	.002104	.001476	*	*	*	*	*	*
72	.001327	.002247	.001545	.001333	.002250	.001558	*	*	*	*	*	*
73	.001408	.002396	.001638	.001416	.002401	.001654	*	*	*	*	*	*
74	.001496	.002555	.001744	.001506	.002563	.001762	*	*	*	*	*	*
75	.001593	.002729	.001862	.001605	.002743	.001883	*	*	*	*	*	*
76	.001702	.002930	.001992	.001717	.002950	.002016	*	*	*	*	*	*
77	.001830	.003167	.002140	.001847	.003192	.002166	*	*	*	*	*	*
78	.001980	.003451	.002311	.001998	.003480	.002336	*	*	*	*	*	*
79	.002156	.003788	.002508	.002174	.003818	.002532	*	*	*	*	*	*
80	.002362	.004187	.002735	.002379	.004220	.002755	*	*	*	*	*	*
81	.002597	.004651	.002996	.002614	.004685	.003012	*	*	*	*	*	*
82	.002861	.005171	.003292	.002878	.005210	.003308	*	*	*	*	*	*
83	.003151	.005746	.003626	.003170	.005790	.003646	*	*	*	*	*	*
84	.003474	.006394	.004005	.003500	.006449	.004032	*	*	*	*	*	*
85	.003863	.007201	.004460	.003897	.007272	.004498	*	*	*	*	*	*
86	.004333	.008221	.004991	.004377	.008314	.005041	*	*	*	*	*	*
87	.004874	.009435	.005593	.004928	.009552	.005654	*	*	*	*	*	*
88	.005486	.010825	.006270	.005546	.010961	.006339	*	*	*	*	*	*
89	.006186	.012409	.007049	.006250	.012559	.007122	*	*	*	*	*	*
90	.007036	.014372	.007991	.007104	.014529	.008070	*	*	*	*	*	*
91	.008094	.016949	.009142	.008169	.017117	.009230	*	*	*	*	*	*
92	.009341	.020097	.010483	.009426	.020280	.010584	*	*	*	*	*	*
93	.010741	.023641	.011992	.010841	.023866	.012108	*	*	*	*	*	*
94	.012271	.027301	.013676	.012393	.027610	.013810	*	*	*	*	*	*
95	.014387	.030892	.016370	.014591	.031432	.016601	*	*	*	*	*	*
96	.017095	.036876	.019439	.017360	.037683	.019724	*	*	*	*	*	*
97	.020530	.044608	.023318	.020879	.045769	.023681	*	*	*	*	*	*
98	.025049	.055278	.028417	.025565	.056761	.028964	*	*	*	*	*	*
99	.030417	.068528	.034303	.031149	.070920	.035046	*	*	*	*	*	*
100	.037706	.085848	.042405	.038842	.089531	.043564	*	*	*	*	*	*
101	.047648	.109042	.053518	.049391	.114495	.055325	*	*	*	*	*	*
102	.061472	.142100	.068883	.064184	.151155	.071642	*	*	*	*	*	*
103	.081234	.187685	.091054	.085668	.203081	.095506	*	*	*	*	*	*
104	.105999	.254745	.117812	.114238	.286629	.125949	*	*	*	*	*	*
105	.137589	.332893	.152772	.151398	.386122	.166512	*	*	*	*	*	*
106	.189158	.438380	.212030	.216906	.577112	.237022	*	*	*	*	*	*
107	.243981	.572125	.272880	.281286	.684883	.312368	*	*	*	*	*	*
108	.346804	.764794	.393422	.426032	.999999	.470430	*	*	*	*	*	*
109	.476727	.990558	.549290	.601850	.999999	.60279	*	*	*	*	*	*

* Figure does not meet standards of reliability and precision.

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

Exact age in years	Total			White			All other					
							Total			Black		
	Both sexes	Male	Female	Both sexes	Male	Female	Both sexes	Male	Female	Both sexes	Male	Female
0	.103	.146	.140	.104	.148	.141	*	*	*	*	*	*
1	.096	.136	.131	.097	.138	.132	*	*	*	*	*	*
2	.096	.135	.130	.097	.137	.131	*	*	*	*	*	*
3	.095	.135	.129	.096	.136	.130	*	*	*	*	*	*
4	.095	.134	.129	.096	.136	.130	*	*	*	*	*	*
5	.095	.134	.129	.096	.135	.130	*	*	*	*	*	*
6	.095	.134	.129	.096	.135	.129	*	*	*	*	*	*
7	.095	.133	.129	.096	.135	.129	*	*	*	*	*	*
8	.095	.133	.128	.096	.135	.129	*	*	*	*	*	*
9	.095	.133	.128	.095	.135	.129	*	*	*	*	*	*
10	.094	.133	.128	.095	.134	.129	*	*	*	*	*	*
11	.094	.133	.128	.095	.134	.129	*	*	*	*	*	*
12	.094	.133	.128	.095	.134	.129	*	*	*	*	*	*
13	.094	.132	.128	.095	.134	.129	*	*	*	*	*	*
14	.094	.132	.128	.095	.134	.128	*	*	*	*	*	*
15	.094	.132	.127	.095	.133	.128	*	*	*	*	*	*
16	.093	.131	.127	.094	.133	.128	*	*	*	*	*	*
17	.093	.131	.127	.094	.132	.127	*	*	*	*	*	*
18	.093	.130	.126	.093	.131	.127	*	*	*	*	*	*
19	.092	.129	.125	.093	.130	.126	*	*	*	*	*	*
20	.091	.128	.125	.092	.129	.125	*	*	*	*	*	*
21	.091	.127	.124	.092	.128	.125	*	*	*	*	*	*
22	.090	.125	.123	.091	.127	.124	*	*	*	*	*	*
23	.089	.124	.123	.090	.126	.123	*	*	*	*	*	*
24	.088	.123	.122	.089	.124	.123	*	*	*	*	*	*
25	.088	.121	.121	.089	.123	.122	*	*	*	*	*	*
26	.087	.120	.121	.088	.122	.122	*	*	*	*	*	*
27	.087	.119	.120	.088	.121	.121	*	*	*	*	*	*
28	.086	.118	.120	.087	.120	.121	*	*	*	*	*	*
29	.086	.118	.120	.087	.119	.120	*	*	*	*	*	*
30	.085	.117	.119	.086	.118	.120	*	*	*	*	*	*
31	.085	.116	.119	.086	.118	.120	*	*	*	*	*	*
32	.085	.116	.119	.086	.117	.120	*	*	*	*	*	*
33	.084	.115	.118	.085	.117	.119	*	*	*	*	*	*
34	.084	.115	.118	.085	.116	.119	*	*	*	*	*	*
35	.084	.114	.118	.085	.116	.119	*	*	*	*	*	*
36	.084	.114	.118	.085	.115	.119	*	*	*	*	*	*
37	.083	.113	.117	.084	.115	.118	*	*	*	*	*	*
38	.083	.113	.117	.084	.114	.118	*	*	*	*	*	*
39	.083	.113	.117	.084	.114	.118	*	*	*	*	*	*
40	.083	.112	.117	.084	.114	.118	*	*	*	*	*	*
41	.082	.112	.116	.083	.113	.117	*	*	*	*	*	*
42	.082	.111	.116	.083	.113	.117	*	*	*	*	*	*
43	.082	.111	.116	.083	.112	.117	*	*	*	*	*	*
44	.082	.110	.115	.082	.112	.116	*	*	*	*	*	*
45	.081	.110	.115	.082	.111	.116	*	*	*	*	*	*
46	.081	.109	.114	.082	.111	.115	*	*	*	*	*	*
47	.080	.108	.114	.081	.110	.115	*	*	*	*	*	*
48	.080	.108	.113	.081	.109	.114	*	*	*	*	*	*
49	.079	.107	.112	.080	.108	.113	*	*	*	*	*	*
50	.079	.106	.111	.080	.108	.113	*	*	*	*	*	*
51	.078	.105	.111	.079	.107	.112	*	*	*	*	*	*
52	.077	.104	.110	.078	.106	.111	*	*	*	*	*	*
53	.077	.103	.109	.078	.104	.110	*	*	*	*	*	*
54	.076	.102	.107	.077	.103	.108	*	*	*	*	*	*
55	.075	.101	.106	.076	.102	.107	*	*	*	*	*	*
56	.074	.099	.105	.075	.101	.106	*	*	*	*	*	*
57	.073	.098	.104	.074	.099	.105	*	*	*	*	*	*
58	.072	.097	.102	.073	.098	.103	*	*	*	*	*	*
59	.071	.095	.101	.072	.097	.102	*	*	*	*	*	*

Table 8. Standard errors of the average remaining lifetime: Montana, 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	.070	.094	.100	.071	.095	.101	*	*	*	*	*	*
61	.070	.093	.099	.070	.094	.100	*	*	*	*	*	*
62	.069	.092	.097	.070	.093	.098	*	*	*	*	*	*
63	.068	.091	.096	.069	.092	.097	*	*	*	*	*	*
64	.067	.089	.095	.068	.091	.096	*	*	*	*	*	*
65	.066	.088	.094	.067	.090	.095	*	*	*	*	*	*
66	.066	.087	.093	.066	.089	.094	*	*	*	*	*	*
67	.065	.087	.092	.066	.088	.092	*	*	*	*	*	*
68	.064	.086	.091	.065	.087	.091	*	*	*	*	*	*
69	.064	.085	.089	.064	.086	.090	*	*	*	*	*	*
70	.063	.084	.088	.064	.085	.089	*	*	*	*	*	*
71	.063	.084	.087	.063	.085	.088	*	*	*	*	*	*
72	.062	.083	.087	.063	.084	.087	*	*	*	*	*	*
73	.062	.083	.086	.062	.084	.086	*	*	*	*	*	*
74	.061	.083	.085	.062	.084	.085	*	*	*	*	*	*
75	.061	.083	.084	.061	.084	.085	*	*	*	*	*	*
76	.061	.083	.083	.061	.084	.084	*	*	*	*	*	*
77	.061	.083	.083	.061	.084	.083	*	*	*	*	*	*
78	.061	.083	.082	.061	.084	.083	*	*	*	*	*	*
79	.061	.084	.082	.061	.085	.082	*	*	*	*	*	*
80	.061	.085	.082	.061	.086	.082	*	*	*	*	*	*
81	.061	.086	.081	.061	.087	.082	*	*	*	*	*	*
82	.061	.088	.081	.062	.089	.082	*	*	*	*	*	*
83	.062	.090	.081	.062	.091	.081	*	*	*	*	*	*
84	.063	.093	.082	.063	.093	.082	*	*	*	*	*	*
85	.064	.096	.082	.064	.096	.082	*	*	*	*	*	*
86	.065	.100	.083	.065	.100	.083	*	*	*	*	*	*
87	.067	.105	.084	.067	.105	.084	*	*	*	*	*	*
88	.069	.110	.085	.069	.110	.085	*	*	*	*	*	*
89	.071	.116	.087	.071	.116	.087	*	*	*	*	*	*
90	.074	.124	.090	.073	.124	.090	*	*	*	*	*	*
91	.077	.133	.093	.077	.132	.093	*	*	*	*	*	*
92	.081	.143	.097	.081	.142	.097	*	*	*	*	*	*
93	.086	.154	.103	.086	.153	.102	*	*	*	*	*	*
94	.092	.167	.110	.092	.166	.110	*	*	*	*	*	*
95	.100	.183	.120	.100	.183	.119	*	*	*	*	*	*
96	.111	.206	.131	.111	.207	.131	*	*	*	*	*	*
97	.124	.235	.146	.124	.237	.147	*	*	*	*	*	*
98	.140	.271	.164	.141	.276	.165	*	*	*	*	*	*
99	.159	.316	.186	.162	.325	.189	*	*	*	*	*	*
100	.184	.372	.214	.189	.387	.219	*	*	*	*	*	*
101	.216	.444	.250	.224	.469	.258	*	*	*	*	*	*
102	.256	.538	.296	.269	.581	.308	*	*	*	*	*	*
103	.307	.658	.353	.327	.730	.372	*	*	*	*	*	*
104	.368	.808	.421	.401	.931	.452	*	*	*	*	*	*
105	.444	.977	.507	.495	1.177	.557	*	*	*	*	*	*
106	.546	1.184	.625	.626	1.520	.701	*	*	*	*	*	*
107	.657	1.425	.752	.771	1.826	.866	*	*	*	*	*	*
108	.809	1.699	.932	.992	2.450	1.105	*	*	*	*	*	*
109	.910	1.863	1.057	1.152	2.973	1.275	*	*	*	*	*	*

* Figure does not meet standards of reliability and precision.

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