U.S. Decennial Life Tables for 1989-91

Volume II, State Life Tables Number 35, North Dakota

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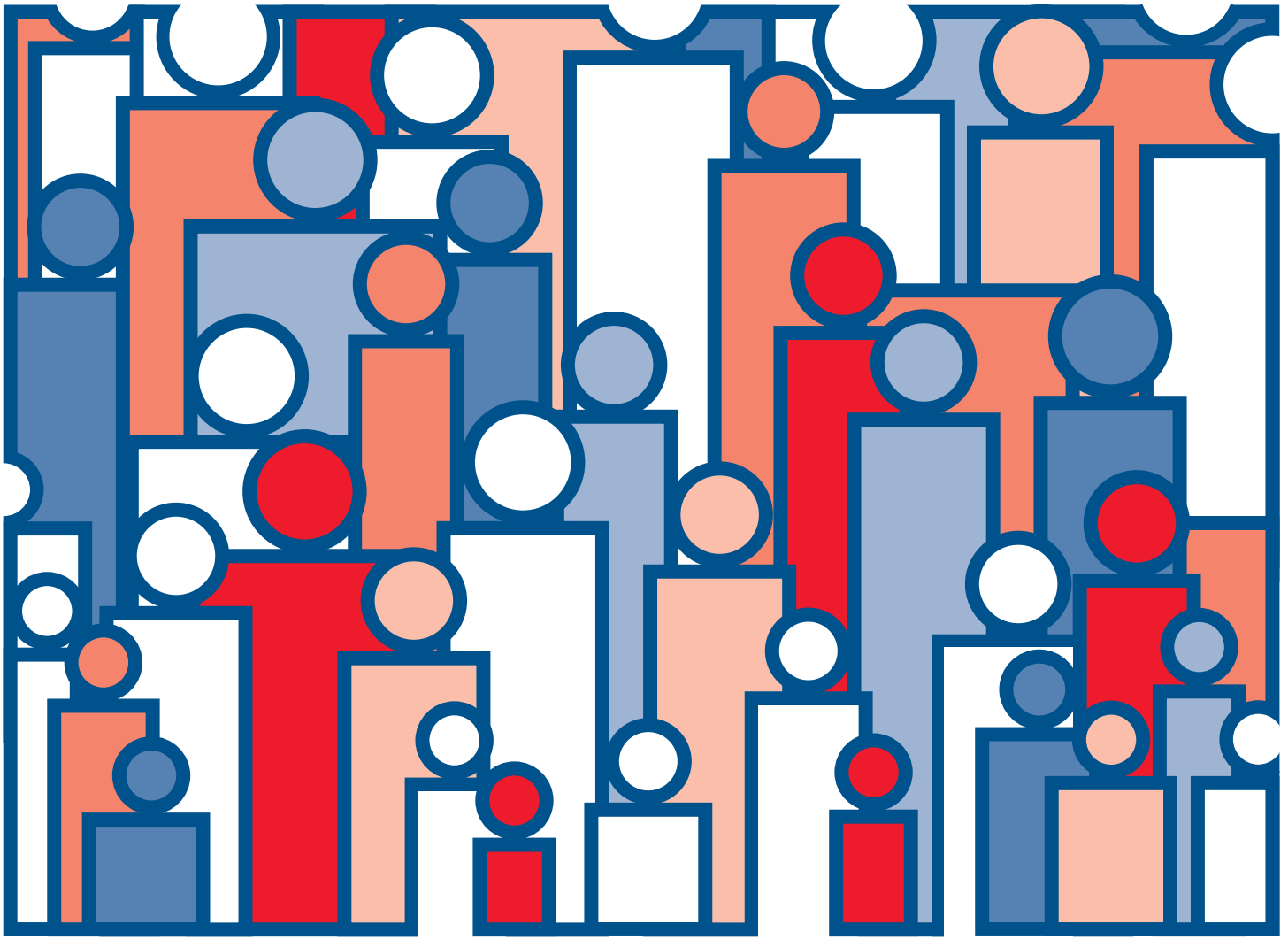

U.S. DEPARTMENT OF HEALTH AND HUMAN SERVICES
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Suggested citation

National Center for Health Statistics. U.S. decennial life tables for 1989–91, vol II, State life tables no. 35, North Dakota. Hyattsville, Maryland. 1998.

Library of Congress Cataloging Card Number 85-600190

For sale by the U.S. Government Printing Office
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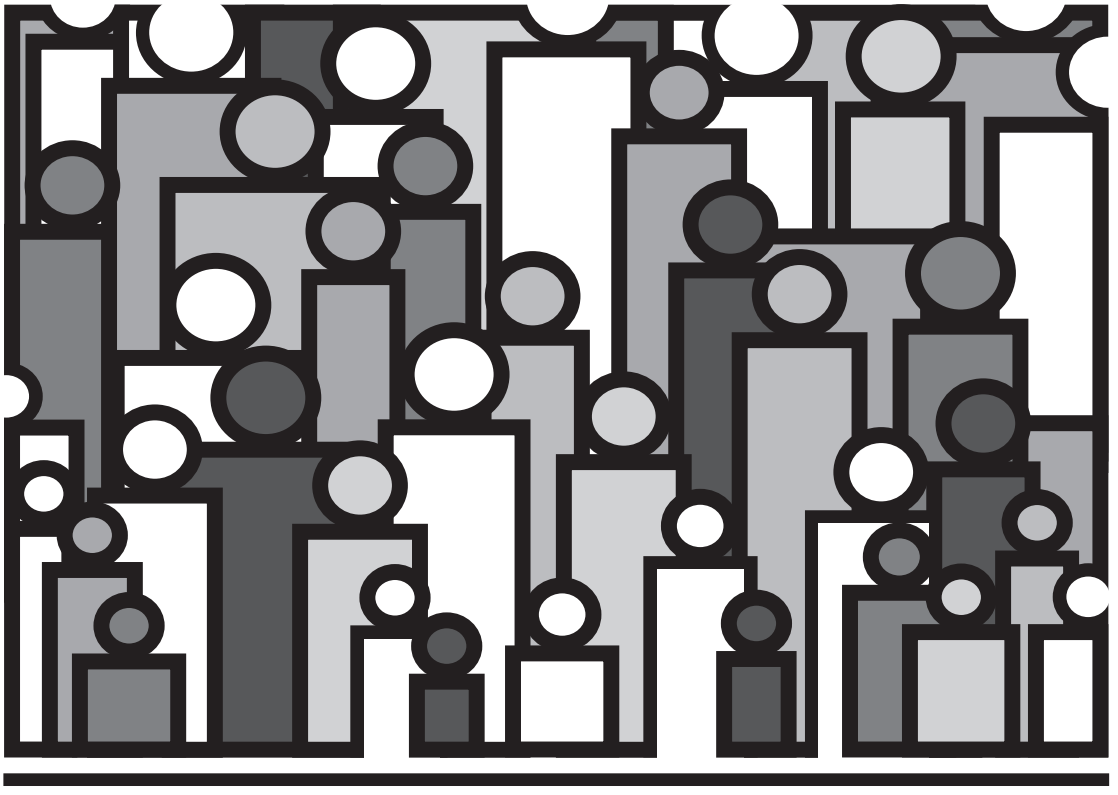

U.S. DEPARTMENT OF HEALTH AND HUMAN SERVICES
Centers for Disease Control and Prevention
National Center for Health Statistics

Hyattsville, Maryland
May 1998

DHHS Publication No. PHS-98-1151-35

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Acknowledgments

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

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

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

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

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

North Dakota Life Tables: 1989–91

by Robert J. Armstrong, M.S.
Division of Vital Statistics

Abstract

The life tables in this report are current life tables for North Dakota 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 North Dakota 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 North Dakota 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 North Dakota 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: North Dakota • 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 North Dakota that occurred anywhere in the United States during the 3 years of 1989, 1990, and 1991 and on the 1990 census of population for North Dakota. 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 North Dakota 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 North Dakota, the expectation of life at birth is 74.35 years for total males and 80.99 years for total females. Among the 50 States and the District of Columbia in the expectation of life at birth for the total population, North Dakota ranks 4th.

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 North Dakota 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 0.00263 with a standard error of 0.000575. Therefore, the 68 percent confidence interval is from 0.00206 to 0.00321 and the 95 percent confidence interval is from 0.00148 to 0.00378. The life expectancy of a 50 year-old white female is 33.39 years with a standard error of 0.123 years. The 68 percent confidence interval for the life expectancy is therefore from 33.27 to 33.51 years and the 95 percent confidence interval is from 33.14 to 33.64 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 North Dakota. For example, for females who reach age 21, the proportion dying before reaching their 22d birthday is 0.00041—out of every 1,000 female babies surviving to age 21, 0.41 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, 99,210 will complete the first year of life and enter the second, 98,660 will reach age 21, and 74,873 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, 790 will die in the first year of life, 40 in the 22d year, and 1,822 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 98,640. 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 98,640 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 6,020,744 persons who had reached their 21st birthday. The population at all ages 0 and above (in other words, the total female population of the stationary community) would be 8,098,592.

Column 7—Average remaining lifetime ($\mathring{e}_x$)—The average remaining lifetime (also called expectation of life) at any given age is the average number of years remaining to be lived by those surviving to that age, on the basis of a given set of age- specific rates of dying. In order to relate these figures to the preceding columns of the life table, it is necessary to observe that the figures in column 5 of the life tables can also be interpreted in terms of a single life-table cohort without introducing the concept of the stationary population. From this point of view, each figure in column 5 represents the total time in years lived between two indicated birthdays by all those reaching the younger age among the survivors of a cohort of 100,000 live births. Thus the figure of 98,640 for females in North Dakota in the year of age 21–22 is the total number of years of life lived between their 21st and 22d birthdays by the 98,660 (column 3) who reached their 21st birthday out of the original cohort of 100,000 females born alive. The corresponding figure (6,020,744) in column 6 is the total number of years lived after attaining age 21 by the 98,660 reaching that exact age. This number of years divided by the number of persons (6,020,744 divided by 98,660) gives 61.03 years as the average remaining lifetime at age 21 for females in North Dakota.

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: North Dakota, 1989–91

Age in years	*Proportion dying*	*Of 100,000 born alive*		*Stationary population*		*Average remaining lifetime*
Period of life between two exact ages stated (1)	*Proportion of persons alive at beginning of year of age dying during year (2)*	*Number living at beginning of year of age (3)*	*Number dying during year of age (4)*	*In year of age (5)*	*In this year of age and all subsequent years (6)*	*Average number of years of life remaining at beginning of year of age (7)*
x to x+1	q_x	l_x	d_x	L_x	T_x	$\overset{o}{e}_x$
0–1	.00797	100,000	797	99,373	7,761,955	77.62
1–2	.00067	99,203	67	99,169	7,662,582	77.24
2–3	.00045	99,136	44	99,114	7,563,413	76.29
3–4	.00036	99,092	36	99,074	7,464,299	75.33
4–5	.00031	99,056	31	99,041	7,365,225	74.35
5–6	.00026	99,025	25	99,012	7,266,184	73.38
6–7	.00023	99,000	23	98,989	7,167,172	72.40
7–8	.00021	98,977	21	98,966	7,068,183	71.41
8–9	.00018	98,956	18	98,947	6,969,217	70.43
9–10	.00016	98,938	16	98,930	6,870,270	69.44
10–11	.00014	98,922	14	98,915	6,771,340	68.45
11–12	.00014	98,908	13	98,902	6,672,425	67.46
12–13	.00017	98,895	17	98,886	6,573,523	66.47
13–14	.00024	98,878	23	98,867	6,474,637	65.48
14–15	.00034	98,855	33	98,839	6,375,770	64.50
15–16	.00045	98,822	45	98,799	6,276,931	63.52
16–17	.00056	98,777	55	98,749	6,178,132	62.55
17–18	.00066	98,722	65	98,690	6,079,383	61.58
18–19	.00073	98,657	72	98,620	5,980,693	60.62
19–20	.00079	98,585	78	98,546	5,882,073	59.67
20–21	.00084	98,507	83	98,465	5,783,527	58.71
21–22	.00089	98,424	88	98,380	5,685,062	57.76
22–23	.00092	98,336	90	98,291	5,586,682	56.81
23–24	.00091	98,246	90	98,201	5,488,391	55.86
24–25	.00088	98,156	86	98,114	5,390,190	54.91
25–26	.00085	98,070	83	98,028	5,292,076	53.96
26–27	.00082	97,987	80	97,946	5,194,048	53.01
27–28	.00079	97,907	78	97,868	5,096,102	52.05
28–29	.00078	97,829	76	97,791	4,998,234	51.09
29–30	.00077	97,753	76	97,715	4,900,443	50.13
30–31	.00077	97,677	75	97,640	4,802,728	49.17
31–32	.00078	97,602	76	97,564	4,705,088	48.21
32–33	.00079	97,526	77	97,488	4,607,524	47.24
33–34	.00083	97,449	81	97,408	4,510,036	46.28
34–35	.00088	97,368	85	97,325	4,412,628	45.32
35–36	.00094	97,283	91	97,237	4,315,303	44.36
36–37	.00100	97,192	98	97,143	4,218,066	43.40
37–38	.00110	97,094	106	97,041	4,120,923	42.44
38–39	.00122	96,988	118	96,929	4,023,882	41.49
39–40	.00137	96,870	133	96,803	3,926,953	40.54
40–41	.00154	96,737	149	96,662	3,830,150	39.59
41–42	.00174	96,588	168	96,504	3,733,488	38.65
42–43	.00195	96,420	189	96,326	3,636,984	37.72
43–44	.00218	96,231	209	96,126	3,540,658	36.79
44–45	.00242	96,022	233	95,906	3,444,532	35.87
45–46	.00272	95,789	260	95,659	3,348,626	34.96
46–47	.00306	95,529	292	95,383	3,252,967	34.05
47–48	.00336	95,237	320	95,077	3,157,584	33.16
48–49	.00357	94,917	339	94,747	3,062,507	32.27
49–50	.00371	94,578	351	94,402	2,967,760	31.38
50–51	.00385	94,227	363	94,046	2,873,358	30.49
51–52	.00405	93,864	380	93,674	2,779,312	29.61
52–53	.00438	93,484	410	93,278	2,685,638	28.73
53–54	.00487	93,074	454	92,848	2,592,360	27.85
54–55	.00550	92,620	509	92,365	2,499,512	26.99

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

Age in years	Proportion dying	Of 100,000 born alive		Stationary population		Average remaining lifetime
Period of life between two exact ages stated (1)	Proportion of persons alive at beginning of year of age dying during year (2)	Number living at beginning of year of age (3)	Number dying during year of age (4)	In year of age (5)	In this year of age and all subsequent years (6)	Average number of years of life remaining at beginning of year of age (7)
x to x+1	q_x	l_x	d_x	L_x	T_x	$\overset{o}{e}_x$
55–56	.00616	92,111	568	91,827	2,407,147	26.13
56–57	.00684	91,543	626	91,230	2,315,320	25.29
57–58	.00762	90,917	692	90,571	2,224,090	24.46
58–59	.00850	90,225	767	89,842	2,133,519	23.65
59–60	.00945	89,458	845	89,035	2,043,677	22.85
60–61	.01046	88,613	927	88,150	1,954,642	22.06
61–62	.01147	87,686	1,006	87,183	1,866,492	21.29
62–63	.01243	86,680	1,077	86,142	1,779,309	20.53
63–64	.01334	85,603	1,143	85,031	1,693,167	19.78
64–65	.01427	84,460	1,205	83,858	1,608,136	19.04
65–66	.01525	83,255	1,269	82,621	1,524,278	18.31
66–67	.01637	81,986	1,342	81,315	1,441,657	17.58
67–68	.01770	80,644	1,428	79,930	1,360,342	16.87
68–69	.01929	79,216	1,528	78,452	1,280,412	16.16
69–70	.02110	77,688	1,639	76,868	1,201,960	15.47
70–71	.02304	76,049	1,752	75,173	1,125,092	14.79
71–72	.02509	74,297	1,864	73,365	1,049,919	14.13
72–73	.02736	72,433	1,982	71,441	976,554	13.48
73–74	.02986	70,451	2,103	69,400	905,113	12.85
74–75	.03258	68,348	2,227	67,234	835,713	12.23
75–76	.03540	66,121	2,341	64,950	768,479	11.62
76–77	.03840	63,780	2,449	62,556	703,529	11.03
77–78	.04181	61,331	2,565	60,048	640,973	10.45
78–79	.04585	58,766	2,694	57,419	580,925	9.89
79–80	.05054	56,072	2,834	54,655	523,506	9.34
80–81	.05591	53,238	2,976	51,750	468,851	8.81
81–82	.06171	50,262	3,102	48,711	417,101	8.30
82–83	.06775	47,160	3,195	45,562	368,390	7.81
83–84	.07380	43,965	3,245	42,343	322,828	7.34
84–85	.08003	40,720	3,259	39,091	280,485	6.89
85–86	.08802	37,461	3,297	35,812	241,394	6.44
86–87	.09741	34,164	3,328	32,500	205,582	6.02
87–88	.10794	30,836	3,328	29,172	173,082	5.61
88–89	.11958	27,508	3,290	25,863	143,910	5.23
89–90	.13237	24,218	3,206	22,616	118,047	4.87
90–91	.14692	21,012	3,087	19,469	95,431	4.54
91–92	.16293	17,925	2,920	16,465	75,962	4.24
92–93	.17897	15,005	2,686	13,662	59,497	3.97
93–94	.19423	12,319	2,392	11,122	45,835	3.72
94–95	.20923	9,927	2,077	8,889	34,713	3.50
95–96	.22502	7,850	1,767	6,966	25,824	3.29
96–97	.24126	6,083	1,467	5,349	18,858	3.10
97–98	.25689	4,616	1,186	4,023	13,509	2.93
98–99	.27175	3,430	932	2,964	9,486	2.77
99–100	.28751	2,498	718	2,139	6,522	2.61
100–101	.30418	1,780	542	1,509	4,383	2.46
101–102	.32182	1,238	398	1,039	2,874	2.32
102–103	.34049	840	286	697	1,835	2.19
103–104	.36024	554	200	454	1,138	2.05
104–105	.38113	354	135	287	684	1.93
105–106	.40324	219	88	175	397	1.81
106–107	.42663	131	56	103	222	1.70
107–108	.45137	75	34	58	119	1.59
108–109	.47755	41	19	31	61	1.49
109–110	.50525	22	11	16	30	1.39

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

Age in years	*Proportion dying*	*Of 100,000 born alive*		*Stationary population*		*Average remaining lifetime*
Period of life between two exact ages stated (1)	*Proportion of persons alive at beginning of year of age dying during year (2)*	*Number living at beginning of year of age (3)*	*Number dying during year of age (4)*	*In year of age (5)*	*In this year of age and all subsequent years (6)*	*Average number of years of life remaining at beginning of year of age (7)*
x to *x*+1	q_x	l_x	d_x	L_x	T_x	$\overset{o}{e}_x$
0–1	.00805	100,000	805	99,389	7,434,915	74.35
1–2	.00069	99,195	69	99,161	7,335,526	73.95
2–3	.00047	99,126	46	99,103	7,236,365	73.00
3–4	.00038	99,080	38	99,061	7,137,262	72.04
4–5	.00033	99,042	33	99,026	7,038,201	71.06
5–6	.00026	99,009	25	98,996	6,939,175	70.09
6–7	.00023	98,984	23	98,973	6,840,179	69.10
7–8	.00021	98,961	20	98,950	6,741,206	68.12
8–9	.00018	98,941	19	98,932	6,642,256	67.13
9–10	.00016	98,922	15	98,915	6,543,324	66.15
10–11	.00014	98,907	13	98,900	6,444,409	65.16
11–12	.00014	98,894	14	98,887	6,345,509	64.16
12–13	.00019	98,880	19	98,870	6,246,622	63.17
13–14	.00031	98,861	31	98,846	6,147,752	62.19
14–15	.00046	98,830	45	98,807	6,048,906	61.20
15–16	.00063	98,785	63	98,754	5,950,099	60.23
16–17	.00080	98,722	79	98,682	5,851,345	59.27
17–18	.00095	98,643	93	98,597	5,752,663	58.32
18–19	.00107	98,550	105	98,497	5,654,066	57.37
19–20	.00116	98,445	114	98,388	5,555,569	56.43
20–21	.00124	98,331	122	98,270	5,457,181	55.50
21–22	.00132	98,209	130	98,143	5,358,911	54.57
22–23	.00136	98,079	134	98,012	5,260,768	53.64
23–24	.00135	97,945	133	97,879	5,162,756	52.71
24–25	.00131	97,812	128	97,749	5,064,877	51.78
25–26	.00126	97,684	122	97,622	4,967,128	50.85
26–27	.00120	97,562	118	97,503	4,869,506	49.91
27–28	.00116	97,444	113	97,388	4,772,003	48.97
28–29	.00114	97,331	111	97,275	4,674,615	48.03
29–30	.00113	97,220	110	97,165	4,577,340	47.08
30–31	.00113	97,110	109	97,056	4,480,175	46.14
31–32	.00113	97,001	110	96,946	4,383,119	45.19
32–33	.00115	96,891	111	96,835	4,286,173	44.24
33–34	.00119	96,780	115	96,723	4,189,338	43.29
34–35	.00126	96,665	122	96,603	4,092,615	42.34
35–36	.00134	96,543	130	96,478	3,996,012	41.39
36–37	.00143	96,413	138	96,344	3,899,534	40.45
37–38	.00153	96,275	147	96,201	3,803,190	39.50
38–39	.00163	96,128	157	96,050	3,706,989	38.56
39–40	.00174	95,971	167	95,887	3,610,939	37.63
40–41	.00186	95,804	178	95,716	3,515,052	36.69
41–42	.00201	95,626	191	95,530	3,419,336	35.76
42–43	.00221	95,435	212	95,329	3,323,806	34.83
43–44	.00251	95,223	238	95,104	3,228,477	33.90
44–45	.00287	94,985	273	94,848	3,133,373	32.99
45–46	.00335	94,712	318	94,553	3,038,525	32.08
46–47	.00387	94,394	365	94,212	2,943,972	31.19
47–48	.00432	94,029	407	93,826	2,849,760	30.31
48–49	.00461	93,622	431	93,406	2,755,934	29.44
49–50	.00476	93,191	443	92,970	2,662,528	28.57
50–51	.00490	92,748	454	92,521	2,569,558	27.70
51–52	.00515	92,294	475	92,056	2,477,037	26.84
52–53	.00553	91,819	508	91,565	2,384,981	25.97
53–54	.00612	91,311	559	91,032	2,293,416	25.12
54–55	.00687	90,752	623	90,440	2,202,384	24.27

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

Age in years	Proportion dying	Of 100,000 born alive		Stationary population		Average remaining lifetime
Period of life between two exact ages stated (1)	Proportion of persons alive at beginning of year of age dying during year (2)	Number living at beginning of year of age (3)	Number dying during year of age (4)	In year of age (5)	In this year of age and all subsequent years (6)	Average number of years of life remaining at beginning of year of age (7)
x to x+1	q_x	l_x	d_x	L_x	T_x	$\overset{o}{e}_x$
55–56	.00767	90,129	691	89,784	2,111,944	23.43
56–57	.00851	89,438	761	89,057	2,022,160	22.61
57–58	.00955	88,677	847	88,254	1,933,103	21.80
58–59	.01081	87,830	949	87,355	1,844,849	21.00
59–60	.01220	86,881	1,060	86,351	1,757,494	20.23
60–61	.01366	85,821	1,172	85,235	1,671,143	19.47
61–62	.01508	84,649	1,276	84,011	1,585,908	18.74
62–63	.01648	83,373	1,375	82,686	1,501,897	18.01
63–64	.01788	81,998	1,466	81,265	1,419,211	17.31
64–65	.01936	80,532	1,559	79,753	1,337,946	16.61
65–66	.02097	78,973	1,656	78,145	1,258,193	15.93
66–67	.02275	77,317	1,759	76,437	1,180,048	15.26
67–68	.02465	75,558	1,862	74,627	1,103,611	14.61
68–69	.02668	73,696	1,966	72,713	1,028,984	13.96
69–70	.02884	71,730	2,069	70,695	956,271	13.33
70–71	.03104	69,661	2,162	68,580	885,576	12.71
71–72	.03347	67,499	2,260	66,369	816,996	12.10
72–73	.03649	65,239	2,380	64,049	750,627	11.51
73–74	.04028	62,859	2,532	61,593	686,578	10.92
74–75	.04475	60,327	2,700	58,977	624,985	10.36
75–76	.04965	57,627	2,861	56,197	566,008	9.82
76–77	.05469	54,766	2,995	53,269	509,811	9.31
77–78	.05981	51,771	3,096	50,223	456,542	8.82
78–79	.06495	48,675	3,162	47,094	406,319	8.35
79–80	.07031	45,513	3,200	43,913	359,225	7.89
80–81	.07636	42,313	3,231	40,697	315,312	7.45
81–82	.08320	39,082	3,252	37,457	274,615	7.03
82–83	.09045	35,830	3,241	34,209	237,158	6.62
83–84	.09783	32,589	3,188	30,996	202,949	6.23
84–85	.10538	29,401	3,098	27,852	171,953	5.85
85–86	.11504	26,303	3,026	24,790	144,101	5.48
86–87	.12619	23,277	2,937	21,808	119,311	5.13
87–88	.13820	20,340	2,811	18,935	97,503	4.79
88–89	.15094	17,529	2,646	16,206	78,568	4.48
89–90	.16461	14,883	2,450	13,658	62,362	4.19
90–91	.18003	12,433	2,238	11,314	48,704	3.92
91–92	.19731	10,195	2,012	9,189	37,390	3.67
92–93	.21486	8,183	1,758	7,304	28,201	3.45
93–94	.23105	6,425	1,484	5,683	20,897	3.25
94–95	.24564	4,941	1,214	4,334	15,214	3.08
95–96	.26004	3,727	969	3,242	10,880	2.92
96–97	.27536	2,758	760	2,378	7,638	2.77
97–98	.28943	1,998	578	1,709	5,260	2.63
98–99	.30390	1,420	432	1,204	3,551	2.50
99–100	.31910	988	315	831	2,347	2.37
100–101	.33505	673	225	561	1,516	2.25
101–102	.35181	448	158	368	955	2.13
102–103	.36940	290	107	237	587	2.02
103–104	.38787	183	71	147	350	1.91
104–105	.40726	112	46	89	203	1.81
105–106	.42762	66	28	53	114	1.71
106–107	.44900	38	17	29	61	1.61
107–108	.47145	21	10	16	32	1.52
108–109	.49503	11	5	8	16	1.43
109–110	.51978	6	3	5	8	1.35

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

Age in years	*Proportion dying*	*Of 100,000 born alive*		*Stationary population*		*Average remaining lifetime*
Period of life between two exact ages stated (1)	*Proportion of persons alive at beginning of year of age dying during year (2)*	*Number living at beginning of year of age (3)*	*Number dying during year of age (4)*	*In year of age (5)*	*In this year of age and all subsequent years (6)*	*Average number of years of life remaining at beginning of year of age (7)*
x to *x*+1	q_x	l_x	d_x	L_x	T_x	$\overset{o}{e}_x$
0–1	.00790	100,000	790	99,356	8,098,592	80.99
1–2	.00065	99,210	64	99,178	7,999,236	80.63
2–3	.00042	99,146	42	99,125	7,900,058	79.68
3–4	.00034	99,104	33	99,087	7,800,933	78.71
4–5	.00029	99,071	29	99,056	7,701,846	77.74
5–6	.00026	99,042	26	99,029	7,602,790	76.76
6–7	.00023	99,016	23	99,005	7,503,761	75.78
7–8	.00021	98,993	21	98,983	7,404,756	74.80
8–9	.00019	98,972	18	98,963	7,305,773	73.82
9–10	.00016	98,954	16	98,946	7,206,810	72.83
10–11	.00014	98,938	15	98,930	7,107,864	71.84
11–12	.00013	98,923	13	98,917	7,008,934	70.85
12–13	.00014	98,910	13	98,904	6,910,017	69.86
13–14	.00016	98,897	16	98,888	6,811,113	68.87
14–15	.00020	98,881	20	98,871	6,712,225	67.88
15–16	.00025	98,861	25	98,848	6,613,354	66.90
16–17	.00030	98,836	30	98,821	6,514,506	65.91
17–18	.00034	98,806	33	98,789	6,415,685	64.93
18–19	.00037	98,773	37	98,755	6,316,896	63.95
19–20	.00038	98,736	37	98,718	6,218,141	62.98
20–21	.00039	98,699	39	98,679	6,119,423	62.00
21–22	.00041	98,660	40	98,640	6,020,744	61.03
22–23	.00042	98,620	41	98,599	5,922,104	60.05
23–24	.00042	98,579	42	98,558	5,823,505	59.07
24–25	.00042	98,537	41	98,517	5,724,947	58.10
25–26	.00041	98,496	40	98,476	5,626,430	57.12
26–27	.00041	98,456	40	98,436	5,527,954	56.15
27–28	.00041	98,416	41	98,396	5,429,518	55.17
28–29	.00041	98,375	39	98,355	5,331,122	54.19
29–30	.00041	98,336	41	98,316	5,232,767	53.21
30–31	.00041	98,295	40	98,275	5,134,451	52.23
31–32	.00043	98,255	42	98,233	5,036,176	51.26
32–33	.00044	98,213	44	98,191	4,937,943	50.28
33–34	.00046	98,169	45	98,147	4,839,752	49.30
34–35	.00049	98,124	47	98,101	4,741,605	48.32
35–36	.00051	98,077	50	98,051	4,643,504	47.35
36–37	.00055	98,027	54	98,000	4,545,453	46.37
37–38	.00063	97,973	62	97,943	4,447,453	45.39
38–39	.00077	97,911	75	97,873	4,349,510	44.42
39–40	.00097	97,836	95	97,789	4,251,637	43.46
40–41	.00121	97,741	118	97,682	4,153,848	42.50
41–42	.00145	97,623	142	97,552	4,056,166	41.55
42–43	.00167	97,481	163	97,399	3,958,614	40.61
43–44	.00183	97,318	178	97,230	3,861,215	39.68
44–45	.00194	97,140	188	97,046	3,763,985	38.75
45–46	.00206	96,952	200	96,852	3,666,939	37.82
46–47	.00222	96,752	214	96,645	3,570,087	36.90
47–48	.00237	96,538	230	96,423	3,473,442	35.98
48–49	.00252	96,308	242	96,187	3,377,019	35.06
49–50	.00267	96,066	257	95,937	3,280,832	34.15
50–51	.00281	95,809	269	95,675	3,184,895	33.24
51–52	.00299	95,540	285	95,398	3,089,220	32.33
52–53	.00327	95,255	312	95,098	2,993,822	31.43
53–54	.00369	94,943	350	94,769	2,898,724	30.53
54–55	.00420	94,593	397	94,394	2,803,955	29.64

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

Age in years	Proportion dying	Of 100,000 born alive		Stationary population		Average remaining lifetime
Period of life between two exact ages stated (1)	Proportion of persons alive at beginning of year of age dying during year (2)	Number living at beginning of year of age (3)	Number dying during year of age (4)	In year of age (5)	In this year of age and all subsequent years (6)	Average number of years of life remaining at beginning of year of age (7)
x to x+1	q_x	l_x	d_x	L_x	T_x	$\overset{o}{e}_x$
55–56	.00475	94,196	448	93,972	2,709,561	28.77
56–57	.00528	93,748	495	93,501	2,615,589	27.90
57–58	.00582	93,253	542	92,982	2,522,088	27.05
58–59	.00634	92,711	588	92,417	2,429,106	26.20
59–60	.00685	92,123	631	91,807	2,336,689	25.36
60–61	.00742	91,492	679	91,153	2,244,882	24.54
61–62	.00801	90,813	728	90,449	2,153,729	23.72
62–63	.00855	90,085	769	89,700	2,063,280	22.90
63–64	.00900	89,316	804	88,914	1,973,580	22.10
64–65	.00944	88,512	836	88,094	1,884,666	21.29
65–66	.00988	87,676	866	87,243	1,796,572	20.49
66–67	.01046	86,810	908	86,356	1,709,329	19.69
67–68	.01135	85,902	974	85,415	1,622,973	18.89
68–69	.01264	84,928	1,074	84,391	1,537,558	18.10
69–70	.01425	83,854	1,195	83,257	1,453,167	17.33
70–71	.01607	82,659	1,328	81,995	1,369,910	16.57
71–72	.01794	81,331	1,459	80,602	1,287,915	15.84
72–73	.01973	79,872	1,576	79,084	1,207,313	15.12
73–74	.02134	78,296	1,671	77,460	1,128,229	14.41
74–75	.02288	76,625	1,752	75,750	1,050,769	13.71
75–76	.02433	74,873	1,822	73,961	975,019	13.02
76–77	.02606	73,051	1,903	72,100	901,058	12.33
77–78	.02855	71,148	2,032	70,132	828,958	11.65
78–79	.03220	69,116	2,225	68,003	758,826	10.98
79–80	.03688	66,891	2,467	65,658	690,823	10.33
80–81	.04232	64,424	2,727	63,060	625,165	9.70
81–82	.04802	61,697	2,963	60,216	562,105	9.11
82–83	.05383	58,734	3,161	57,154	501,889	8.55
83–84	.05951	55,573	3,307	53,919	444,735	8.00
84–85	.06531	52,266	3,414	50,558	390,816	7.48
85–86	.07295	48,852	3,564	47,071	340,258	6.97
86–87	.08210	45,288	3,718	43,429	293,187	6.47
87–88	.09269	41,570	3,853	39,644	249,758	6.01
88–89	.10476	37,717	3,951	35,741	210,114	5.57
89–90	.11817	33,766	3,990	31,771	174,373	5.16
90–91	.13348	29,776	3,975	27,788	142,602	4.79
91–92	.15014	25,801	3,874	23,864	114,814	4.45
92–93	.16668	21,927	3,655	20,100	90,950	4.15
93–94	.18243	18,272	3,333	16,606	70,850	3.88
94–95	.19813	14,939	2,960	13,459	54,244	3.63
95–96	.21475	11,979	2,572	10,693	40,785	3.40
96–97	.23143	9,407	2,177	8,318	30,092	3.20
97–98	.24775	7,230	1,792	6,334	21,774	3.01
98–99	.26375	5,438	1,434	4,721	15,440	2.84
99–100	.27957	4,004	1,119	3,445	10,719	2.68
100–101	.29635	2,885	855	2,457	7,274	2.52
101–102	.31413	2,030	638	1,711	4,817	2.37
102–103	.33298	1,392	463	1,160	3,106	2.23
103–104	.35296	929	328	765	1,946	2.10
104–105	.37413	601	225	489	1,181	1.97
105–106	.39658	376	149	301	692	1.84
106–107	.42038	227	95	179	391	1.72
107–108	.44560	132	59	102	212	1.61
108–109	.47233	73	35	56	110	1.50
109–110	.50068	38	19	29	54	1.40

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

Age in years	*Proportion dying*	*Of 100,000 born alive*		*Stationary population*		*Average remaining lifetime*
Period of life between two exact ages stated (1)	*Proportion of persons alive at beginning of year of age dying during year (2)*	*Number living at beginning of year of age (3)*	*Number dying during year of age (4)*	*In year of age (5)*	*In this year of age and all subsequent years (6)*	*Average number of years of life remaining at beginning of year of age (7)*
x to *x*+1	q_x	l_x	d_x	L_x	T_x	$\overset{o}{e}_x$
0–1	.00736	100,000	736	99,410	7,798,779	77.99
1–2	.00066	99,264	65	99,231	7,699,369	77.56
2–3	.00041	99,199	40	99,179	7,600,138	76.62
3–4	.00031	99,159	31	99,143	7,500,959	75.65
4–5	.00026	99,128	26	99,115	7,401,816	74.67
5–6	.00023	99,102	22	99,091	7,302,701	73.69
6–7	.00020	99,080	21	99,069	7,203,610	72.71
7–8	.00019	99,059	18	99,050	7,104,541	71.72
8–9	.00017	99,041	17	99,033	7,005,491	70.73
9–10	.00015	99,024	15	99,016	6,906,458	69.75
10–11	.00014	99,009	14	99,002	6,807,442	68.76
11–12	.00014	98,995	14	98,988	6,708,440	67.77
12–13	.00017	98,981	17	98,972	6,609,452	66.78
13–14	.00023	98,964	23	98,953	6,510,480	65.79
14–15	.00032	98,941	32	98,925	6,411,527	64.80
15–16	.00041	98,909	40	98,889	6,312,602	63.82
16–17	.00051	98,869	50	98,844	6,213,713	62.85
17–18	.00059	98,819	58	98,789	6,114,869	61.88
18–19	.00065	98,761	65	98,728	6,016,080	60.92
19–20	.00070	98,696	69	98,662	5,917,352	59.96
20–21	.00075	98,627	74	98,590	5,818,690	59.00
21–22	.00079	98,553	78	98,514	5,720,100	58.04
22–23	.00081	98,475	80	98,435	5,621,586	57.09
23–24	.00081	98,395	79	98,356	5,523,151	56.13
24–25	.00078	98,316	77	98,277	5,424,795	55.18
25–26	.00075	98,239	73	98,203	5,326,518	54.22
26–27	.00072	98,166	71	98,130	5,228,315	53.26
27–28	.00070	98,095	68	98,062	5,130,185	52.30
28–29	.00069	98,027	67	97,993	5,032,123	51.33
29–30	.00069	97,960	68	97,926	4,934,130	50.37
30–31	.00070	97,892	69	97,857	4,836,204	49.40
31–32	.00071	97,823	69	97,789	4,738,347	48.44
32–33	.00073	97,754	72	97,718	4,640,558	47.47
33–34	.00076	97,682	74	97,645	4,542,840	46.51
34–35	.00081	97,608	79	97,568	4,445,195	45.54
35–36	.00085	97,529	83	97,488	4,347,627	44.58
36–37	.00091	97,446	89	97,401	4,250,139	43.62
37–38	.00100	97,357	98	97,308	4,152,738	42.65
38–39	.00112	97,259	108	97,205	4,055,430	41.70
39–40	.00126	97,151	123	97,090	3,958,225	40.74
40–41	.00143	97,028	139	96,959	3,861,135	39.79
41–42	.00162	96,889	157	96,810	3,764,176	38.85
42–43	.00182	96,732	177	96,644	3,667,366	37.91
43–44	.00203	96,555	195	96,457	3,570,722	36.98
44–45	.00224	96,360	216	96,252	3,474,265	36.06
45–46	.00251	96,144	241	96,023	3,378,013	35.14
46–47	.00281	95,903	270	95,768	3,281,990	34.22
47–48	.00308	95,633	295	95,486	3,186,222	33.32
48–49	.00328	95,338	312	95,182	3,090,736	32.42
49–50	.00343	95,026	327	94,862	2,995,554	31.52
50–51	.00358	94,699	339	94,530	2,900,692	30.63
51–52	.00381	94,360	359	94,181	2,806,162	29.74
52–53	.00413	94,001	389	93,806	2,711,981	28.85
53–54	.00460	93,612	431	93,397	2,618,175	27.97
54–55	.00520	93,181	484	92,939	2,524,778	27.10

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

Age in years	Proportion dying	Of 100,000 born alive		Stationary population		Average remaining lifetime
Period of life between two exact ages stated (1)	Proportion of persons alive at beginning of year of age dying during year (2)	Number living at beginning of year of age (3)	Number dying during year of age (4)	In year of age (5)	In this year of age and all subsequent years (6)	Average number of years of life remaining at beginning of year of age (7)
x to x+1	q_x	l_x	d_x	L_x	T_x	$\overset{o}{e}_x$
55–56	.00581	92,697	539	92,428	2,431,839	26.23
56–57	.00646	92,158	595	91,860	2,339,411	25.38
57–58	.00722	91,563	662	91,232	2,247,551	24.55
58–59	.00812	90,901	737	90,533	2,156,319	23.72
59–60	.00910	90,164	821	89,753	2,065,786	22.91
60–61	.01015	89,343	907	88,890	1,976,033	22.12
61–62	.01119	88,436	990	87,941	1,887,143	21.34
62–63	.01218	87,446	1,065	86,913	1,799,202	20.57
63–64	.01311	86,381	1,133	85,815	1,712,289	19.82
64–65	.01404	85,248	1,197	84,650	1,626,474	19.08
65–66	.01504	84,051	1,264	83,419	1,541,824	18.34
66–67	.01618	82,787	1,339	82,117	1,458,405	17.62
67–68	.01752	81,448	1,427	80,734	1,376,288	16.90
68–69	.01910	80,021	1,529	79,256	1,295,554	16.19
69–70	.02090	78,492	1,640	77,672	1,216,298	15.50
70–71	.02280	76,852	1,752	75,976	1,138,626	14.82
71–72	.02483	75,100	1,865	74,167	1,062,650	14.15
72–73	.02708	73,235	1,983	72,244	988,483	13.50
73–74	.02960	71,252	2,109	70,197	916,239	12.86
74–75	.03237	69,143	2,239	68,024	846,042	12.24
75–76	.03527	66,904	2,359	65,724	778,018	11.63
76–77	.03832	64,545	2,474	63,308	712,294	11.04
77–78	.04177	62,071	2,592	60,775	648,986	10.46
78–79	.04578	59,479	2,723	58,117	588,211	9.89
79–80	.05040	56,756	2,861	55,326	530,094	9.34
80–81	.05567	53,895	3,000	52,395	474,768	8.81
81–82	.06138	50,895	3,124	49,333	422,373	8.30
82–83	.06734	47,771	3,216	46,163	373,040	7.81
83–84	.07338	44,555	3,270	42,920	326,877	7.34
84–85	.07965	41,285	3,288	39,641	283,957	6.88
85–86	.08773	37,997	3,333	36,331	244,316	6.43
86–87	.09722	34,664	3,370	32,978	207,985	6.00
87–88	.10789	31,294	3,377	29,606	175,007	5.59
88–89	.11965	27,917	3,340	26,247	145,401	5.21
89–90	.13255	24,577	3,258	22,948	119,154	4.85
90–91	.14727	21,319	3,139	19,749	96,206	4.51
91–92	.16358	18,180	2,974	16,693	76,457	4.21
92–93	.18004	15,206	2,738	13,837	59,764	3.93
93–94	.19577	12,468	2,441	11,248	45,927	3.68
94–95	.21129	10,027	2,118	8,968	34,679	3.46
95–96	.22760	7,909	1,800	7,009	25,711	3.25
96–97	.24414	6,109	1,492	5,363	18,702	3.06
97–98	.26009	4,617	1,201	4,017	13,339	2.89
98–99	.27538	3,416	940	2,946	9,322	2.73
99–100	.29135	2,476	722	2,115	6,376	2.58
100–101	.30824	1,754	540	1,484	4,261	2.43
101–102	.32612	1,214	396	1,016	2,777	2.29
102–103	.34504	818	282	676	1,761	2.15
103–104	.36505	536	196	438	1,085	2.03
104–105	.38622	340	131	275	647	1.90
105–106	.40862	209	86	166	372	1.78
106–107	.43232	123	53	96	206	1.67
107–108	.45740	70	32	54	110	1.56
108–109	.48393	38	18	29	56	1.46
109–110	.51200	20	10	15	27	1.36

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

Age in years	*Proportion dying*	*Of 100,000 born alive*		*Stationary population*		*Average remaining lifetime*
Period of life between two exact ages stated (1)	*Proportion of persons alive at beginning of year of age dying during year (2)*	*Number living at beginning of year of age (3)*	*Number dying during year of age (4)*	*In year of age (5)*	*In this year of age and all subsequent years (6)*	*Average number of years of life remaining at beginning of year of age (7)*
x to *x*+1	q_x	l_x	d_x	L_x	T_x	$\overset{o}{e}_x$
0–1	.00765	100,000	765	99,400	7,473,846	74.74
1–2	.00067	99,235	67	99,201	7,374,446	74.31
2–3	.00042	99,168	42	99,147	7,275,245	73.36
3–4	.00033	99,126	32	99,110	7,176,098	72.39
4–5	.00028	99,094	28	99,081	7,076,988	71.42
5–6	.00024	99,066	24	99,054	6,977,907	70.44
6–7	.00022	99,042	22	99,031	6,878,853	69.45
7–8	.00021	99,020	20	99,010	6,779,822	68.47
8–9	.00019	99,000	19	98,991	6,680,812	67.48
9–10	.00017	98,981	16	98,973	6,581,821	66.50
10–11	.00015	98,965	15	98,958	6,482,848	65.51
11–12	.00015	98,950	15	98,943	6,383,890	64.52
12–13	.00020	98,935	19	98,926	6,284,947	63.53
13–14	.00030	98,916	29	98,901	6,186,021	62.54
14–15	.00043	98,887	43	98,865	6,087,120	61.56
15–16	.00059	98,844	58	98,815	5,988,255	60.58
16–17	.00073	98,786	72	98,749	5,889,440	59.62
17–18	.00086	98,714	85	98,672	5,790,691	58.66
18–19	.00096	98,629	94	98,581	5,692,019	57.71
19–20	.00103	98,535	102	98,484	5,593,438	56.77
20–21	.00110	98,433	108	98,380	5,494,954	55.82
21–22	.00116	98,325	114	98,268	5,396,574	54.88
22–23	.00119	98,211	117	98,153	5,298,306	53.95
23–24	.00118	98,094	115	98,036	5,200,153	53.01
24–25	.00114	97,979	112	97,923	5,102,117	52.07
25–26	.00109	97,867	107	97,813	5,004,194	51.13
26–27	.00105	97,760	103	97,709	4,906,381	50.19
27–28	.00102	97,657	99	97,607	4,808,672	49.24
28–29	.00101	97,558	98	97,509	4,711,065	48.29
29–30	.00102	97,460	99	97,410	4,613,556	47.34
30–31	.00103	97,361	100	97,311	4,516,146	46.39
31–32	.00104	97,261	102	97,210	4,418,835	45.43
32–33	.00107	97,159	104	97,107	4,321,625	44.48
33–34	.00112	97,055	108	97,001	4,224,518	43.53
34–35	.00118	96,947	114	96,890	4,127,517	42.58
35–36	.00125	96,833	122	96,772	4,030,627	41.62
36–37	.00134	96,711	129	96,647	3,933,855	40.68
37–38	.00142	96,582	137	96,513	3,837,208	39.73
38–39	.00151	96,445	146	96,372	3,740,695	38.79
39–40	.00160	96,299	153	96,222	3,644,323	37.84
40–41	.00170	96,146	164	96,064	3,548,101	36.90
41–42	.00182	95,982	175	95,895	3,452,037	35.97
42–43	.00200	95,807	192	95,712	3,356,142	35.03
43–44	.00226	95,615	216	95,507	3,260,430	34.10
44–45	.00259	95,399	247	95,275	3,164,923	33.18
45–46	.00302	95,152	287	95,009	3,069,648	32.26
46–47	.00349	94,865	331	94,699	2,974,639	31.36
47–48	.00391	94,534	370	94,348	2,879,940	30.46
48–49	.00419	94,164	395	93,967	2,785,592	29.58
49–50	.00437	93,769	410	93,563	2,691,625	28.70
50–51	.00454	93,359	424	93,147	2,598,062	27.83
51–52	.00483	92,935	449	92,711	2,504,915	26.95
52–53	.00524	92,486	485	92,243	2,412,204	26.08
53–54	.00583	92,001	537	91,733	2,319,961	25.22
54–55	.00658	91,464	602	91,163	2,228,228	24.36

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

Age in years	Proportion dying	Of 100,000 born alive		Stationary population		Average remaining lifetime
Period of life between two exact ages stated (1)	Proportion of persons alive at beginning of year of age dying during year (2)	Number living at beginning of year of age (3)	Number dying during year of age (4)	In year of age (5)	In this year of age and all subsequent years (6)	Average number of years of life remaining at beginning of year of age (7)
x to x+1	q_x	l_x	d_x	L_x	T_x	$\overset{o}{e}_x$
55–56	.00736	90,862	669	90,528	2,137,065	23.52
56–57	.00820	90,193	739	89,823	2,046,537	22.69
57–58	.00922	89,454	825	89,041	1,956,714	21.87
58–59	.01046	88,629	928	88,165	1,867,673	21.07
59–60	.01184	87,701	1,038	87,182	1,779,508	20.29
60–61	.01327	86,663	1,150	86,088	1,692,326	19.53
61–62	.01468	85,513	1,256	84,885	1,606,238	18.78
62–63	.01609	84,257	1,356	83,579	1,521,353	18.06
63–64	.01753	82,901	1,453	82,175	1,437,774	17.34
64–65	.01907	81,448	1,553	80,671	1,355,599	16.64
65–66	.02076	79,895	1,658	79,066	1,274,928	15.96
66–67	.02260	78,237	1,768	77,353	1,195,862	15.29
67–68	.02454	76,469	1,877	75,531	1,118,509	14.63
68–69	.02657	74,592	1,982	73,601	1,042,978	13.98
69–70	.02870	72,610	2,083	71,569	969,377	13.35
70–71	.03085	70,527	2,176	69,439	897,808	12.73
71–72	.03323	68,351	2,271	67,215	828,369	12.12
72–73	.03622	66,080	2,394	64,883	761,154	11.52
73–74	.04004	63,686	2,549	62,412	696,271	10.93
74–75	.04456	61,137	2,725	59,774	633,859	10.37
75–76	.04955	58,412	2,894	56,966	574,085	9.83
76–77	.05466	55,518	3,034	54,001	517,119	9.31
77–78	.05981	52,484	3,139	50,914	463,118	8.82
78–79	.06491	49,345	3,203	47,743	412,204	8.35
79–80	.07016	46,142	3,238	44,523	364,461	7.90
80–81	.07606	42,904	3,263	41,273	319,938	7.46
81–82	.08276	39,641	3,281	38,001	278,665	7.03
82–83	.08990	36,360	3,268	34,726	240,664	6.62
83–84	.09725	33,092	3,219	31,482	205,938	6.22
84–85	.10487	29,873	3,132	28,307	174,456	5.84
85–86	.11469	26,741	3,067	25,207	146,149	5.47
86–87	.12602	23,674	2,984	22,182	120,942	5.11
87–88	.13824	20,690	2,860	19,261	98,760	4.77
88–89	.15119	17,830	2,696	16,482	79,499	4.46
89–90	.16504	15,134	2,497	13,885	63,017	4.16
90–91	.18071	12,637	2,284	11,495	49,132	3.89
91–92	.19832	10,353	2,053	9,327	37,637	3.64
92–93	.21630	8,300	1,795	7,402	28,310	3.41
93–94	.23302	6,505	1,516	5,747	20,908	3.21
94–95	.24822	4,989	1,238	4,369	15,161	3.04
95–96	.26329	3,751	988	3,257	10,792	2.88
96–97	.27914	2,763	771	2,378	7,535	2.73
97–98	.29399	1,992	586	1,699	5,157	2.59
98–99	.30869	1,406	434	1,189	3,458	2.46
99–100	.32413	972	315	814	2,269	2.33
100–101	.34033	657	224	546	1,455	2.21
101–102	.35735	433	154	356	909	2.10
102–103	.37522	279	105	226	553	1.99
103–104	.39398	174	69	140	327	1.88
104–105	.41368	105	43	83	187	1.78
105–106	.43436	62	27	49	104	1.68
106–107	.45608	35	16	27	55	1.58
107–108	.47888	19	9	14	28	1.49
108–109	.50282	10	5	7	14	1.41
109–110	.52797	5	3	4	7	1.32

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

Age in years	*Proportion dying*	*Of 100,000 born alive*		*Stationary population*		*Average remaining lifetime*
Period of life between two exact ages stated (1)	*Proportion of persons alive at beginning of year of age dying during year (2)*	*Number living at beginning of year of age (3)*	*Number dying during year of age (4)*	*In year of age (5)*	*In this year of age and all subsequent years (6)*	*Average number of years of life remaining at beginning of year of age (7)*
x to *x*+1	q_x	l_x	d_x	L_x	T_x	$\overset{o}{e}_x$
0–1	.00705	100,000	705	99,421	8,132,377	81.32
1–2	.00065	99,295	64	99,263	8,032,956	80.90
2–3	.00039	99,231	39	99,211	7,933,693	79.95
3–4	.00029	99,192	29	99,178	7,834,482	78.98
4–5	.00024	99,163	23	99,151	7,735,304	78.01
5–6	.00021	99,140	22	99,129	7,636,153	77.02
6–7	.00019	99,118	18	99,110	7,537,024	76.04
7–8	.00017	99,100	17	99,091	7,437,914	75.05
8–9	.00015	99,083	15	99,076	7,338,823	74.07
9–10	.00014	99,068	13	99,062	7,239,747	73.08
10–11	.00013	99,055	14	99,048	7,140,685	72.09
11–12	.00013	99,041	13	99,035	7,041,637	71.10
12–13	.00014	99,028	14	99,021	6,942,602	70.11
13–14	.00016	99,014	16	99,006	6,843,581	69.12
14–15	.00019	98,998	19	98,988	6,744,575	68.13
15–16	.00023	98,979	23	98,968	6,645,587	67.14
16–17	.00026	98,956	26	98,943	6,546,619	66.16
17–18	.00029	98,930	29	98,916	6,447,676	65.17
18–19	.00032	98,901	31	98,886	6,348,760	64.19
19–20	.00034	98,870	33	98,853	6,249,874	63.21
20–21	.00036	98,837	36	98,819	6,151,021	62.23
21–22	.00038	98,801	37	98,783	6,052,202	61.26
22–23	.00039	98,764	38	98,745	5,953,419	60.28
23–24	.00039	98,726	38	98,707	5,854,674	59.30
24–25	.00038	98,688	38	98,669	5,755,967	58.33
25–26	.00037	98,650	37	98,631	5,657,298	57.35
26–27	.00037	98,613	36	98,595	5,558,667	56.37
27–28	.00036	98,577	36	98,560	5,460,072	55.39
28–29	.00036	98,541	35	98,523	5,361,512	54.41
29–30	.00036	98,506	36	98,488	5,262,989	53.43
30–31	.00037	98,470	36	98,452	5,164,501	52.45
31–32	.00038	98,434	37	98,415	5,066,049	51.47
32–33	.00039	98,397	39	98,377	4,967,634	50.49
33–34	.00040	98,358	39	98,338	4,869,257	49.51
34–35	.00042	98,319	42	98,298	4,770,919	48.53
35–36	.00043	98,277	42	98,256	4,672,621	47.55
36–37	.00046	98,235	46	98,212	4,574,365	46.57
37–38	.00054	98,189	53	98,163	4,476,153	45.59
38–39	.00069	98,136	68	98,102	4,377,990	44.61
39–40	.00090	98,068	87	98,025	4,279,888	43.64
40–41	.00115	97,981	113	97,924	4,181,863	42.68
41–42	.00141	97,868	138	97,799	4,083,939	41.73
42–43	.00163	97,730	159	97,651	3,986,140	40.79
43–44	.00178	97,571	173	97,485	3,888,489	39.85
44–45	.00187	97,398	182	97,307	3,791,004	38.92
45–46	.00197	97,216	192	97,120	3,693,697	37.99
46–47	.00210	97,024	203	96,922	3,596,577	37.07
47–48	.00223	96,821	216	96,713	3,499,655	36.15
48–49	.00236	96,605	228	96,490	3,402,942	35.23
49–50	.00249	96,377	241	96,257	3,306,452	34.31
50–51	.00263	96,136	253	96,010	3,210,195	33.39
51–52	.00280	95,883	268	95,749	3,114,185	32.48
52–53	.00306	95,615	293	95,468	3,018,436	31.57
53–54	.00342	95,322	326	95,159	2,922,968	30.66
54–55	.00388	94,996	368	94,812	2,827,809	29.77

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

Age in years	Proportion dying	Of 100,000 born alive		Stationary population		Average remaining lifetime
Period of life between two exact ages stated (1)	Proportion of persons alive at beginning of year of age dying during year (2)	Number living at beginning of year of age (3)	Number dying during year of age (4)	In year of age (5)	In this year of age and all subsequent years (6)	Average number of years of life remaining at beginning of year of age (7)
x to x+1	q_x	l_x	d_x	L_x	T_x	$\overset{o}{e}_x$
55–56	.00435	94,628	412	94,422	2,732,997	28.88
56–57	.00483	94,216	455	93,988	2,638,575	28.01
57–58	.00534	93,761	501	93,511	2,544,587	27.14
58–59	.00591	93,260	551	92,985	2,451,076	26.28
59–60	.00650	92,709	603	92,408	2,358,091	25.44
60–61	.00717	92,106	660	91,776	2,265,683	24.60
61–62	.00784	91,446	717	91,087	2,173,907	23.77
62–63	.00842	90,729	764	90,347	2,082,820	22.96
63–64	.00887	89,965	799	89,565	1,992,473	22.15
64–65	.00928	89,166	827	88,753	1,902,908	21.34
65–66	.00967	88,339	854	87,912	1,814,155	20.54
66–67	.01021	87,485	893	87,039	1,726,243	19.73
67–68	.01108	86,592	960	86,112	1,639,204	18.93
68–69	.01236	85,632	1,058	85,103	1,553,092	18.14
69–70	.01396	84,574	1,180	83,984	1,467,989	17.36
70–71	.01577	83,394	1,316	82,736	1,384,005	16.60
71–72	.01763	82,078	1,447	81,354	1,301,269	15.85
72–73	.01942	80,631	1,566	79,849	1,219,915	15.13
73–74	.02105	79,065	1,664	78,233	1,140,066	14.42
74–75	.02263	77,401	1,752	76,524	1,061,833	13.72
75–76	.02414	75,649	1,826	74,736	985,309	13.02
76–77	.02592	73,823	1,914	72,866	910,573	12.33
77–78	.02845	71,909	2,046	70,886	837,707	11.65
78–79	.03209	69,863	2,242	68,742	766,821	10.98
79–80	.03675	67,621	2,485	66,379	698,079	10.32
80–81	.04214	65,136	2,745	63,764	631,700	9.70
81–82	.04778	62,391	2,981	60,900	567,936	9.10
82–83	.05355	59,410	3,182	57,820	507,036	8.53
83–84	.05923	56,228	3,330	54,563	449,216	7.99
84–85	.06507	52,898	3,442	51,176	394,653	7.46
85–86	.07277	49,456	3,599	47,657	343,477	6.95
86–87	.08201	45,857	3,761	43,976	295,820	6.45
87–88	.09273	42,096	3,904	40,144	251,844	5.98
88–89	.10490	38,192	4,006	36,190	211,700	5.54
89–90	.11843	34,186	4,049	32,161	175,510	5.13
90–91	.13391	30,137	4,035	28,120	143,349	4.76
91–92	.15086	26,102	3,938	24,133	115,229	4.41
92–93	.16780	22,164	3,719	20,304	91,096	4.11
93–94	.18400	18,445	3,394	16,748	70,792	3.84
94–95	.20021	15,051	3,013	13,545	54,044	3.59
95–96	.21737	12,038	2,617	10,729	40,499	3.36
96–97	.23434	9,421	2,208	8,317	29,770	3.16
97–98	.25091	7,213	1,810	6,308	21,453	2.97
98–99	.26715	5,403	1,443	4,682	15,145	2.80
99–100	.28318	3,960	1,121	3,399	10,463	2.64
100–101	.30017	2,839	853	2,413	7,064	2.49
101–102	.31818	1,986	632	1,670	4,651	2.34
102–103	.33727	1,354	456	1,126	2,981	2.20
103–104	.35750	898	321	737	1,855	2.07
104–105	.37895	577	219	468	1,118	1.94
105–106	.40169	358	144	286	650	1.81
106–107	.42579	214	91	169	364	1.70
107–108	.45134	123	55	95	195	1.59
108–109	.47842	68	33	51	100	1.48
109–110	.50712	35	18	27	49	1.38

Table 7. Standard errors of the probability of dying: North Dakota, 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	.000532	.000748	0.000757	.000541	.000770	.000758	*	*	*	*	*	*
1	.000151	.000215	0.000213	.000158	.000223	.000225	*	*	*	*	*	*
2	.000125	.000180	0.000174	.000125	.000179	.000174	*	*	*	*	*	*
3	.000110	.000158	0.000154	.000108	.000154	.000150	*	*	*	*	*	*
4	.000102	.000147	0.000141	.000097	.000141	.000134	*	*	*	*	*	*
5	.000092	.000128	0.000131	.000089	.000129	.000124	*	*	*	*	*	*
6	.000086	.000120	0.000124	.000084	.000123	.000115	*	*	*	*	*	*
7	.000082	.000113	0.000117	.000080	.000118	.000108	*	*	*	*	*	*
8	.000077	.000107	0.000111	.000077	.000113	.000104	*	*	*	*	*	*
9	.000072	.000099	0.000105	.000073	.000106	.000100	*	*	*	*	*	*
10	.000068	.000094	0.000099	.000071	.000102	.000099	*	*	*	*	*	*
11	.000068	.000096	0.000096	.000072	.000104	.000100	*	*	*	*	*	*
12	.000075	.000114	0.000098	.000080	.000119	.000105	*	*	*	*	*	*
13	.000091	.000144	0.000108	.000094	.000147	.000113	*	*	*	*	*	*
14	.000109	.000177	0.000121	.000110	.000178	.000123	*	*	*	*	*	*
15	.000126	.000207	0.000136	.000125	.000207	.000134	*	*	*	*	*	*
16	.000141	.000233	0.000149	.000139	.000231	.000144	*	*	*	*	*	*
17	.000153	.000254	0.000159	.000150	.000251	.000153	*	*	*	*	*	*
18	.000161	.000268	0.000165	.000158	.000264	.000160	*	*	*	*	*	*
19	.000167	.000279	0.000169	.000163	.000272	.000164	*	*	*	*	*	*
20	.000172	.000288	0.000171	.000168	.000280	.000169	*	*	*	*	*	*
21	.000177	.000295	0.000174	.000172	.000286	.000173	*	*	*	*	*	*
22	.000178	.000299	0.000175	.000174	.000288	.000175	*	*	*	*	*	*
23	.000177	.000298	0.000175	.000172	.000287	.000174	*	*	*	*	*	*
24	.000174	.000294	0.000173	.000169	.000283	.000171	*	*	*	*	*	*
25	.000170	.000288	0.000171	.000165	.000278	.000169	*	*	*	*	*	*
26	.000167	.000282	0.000169	.000162	.000273	.000166	*	*	*	*	*	*
27	.000163	.000277	0.000167	.000158	.000268	.000164	*	*	*	*	*	*
28	.000160	.000272	0.000165	.000156	.000264	.000161	*	*	*	*	*	*
29	.000158	.000269	0.000163	.000154	.000263	.000158	*	*	*	*	*	*
30	.000156	.000266	0.000162	.000153	.000261	.000157	*	*	*	*	*	*
31	.000155	.000264	0.000162	.000152	.000260	.000157	*	*	*	*	*	*
32	.000156	.000265	0.000164	.000153	.000262	.000159	*	*	*	*	*	*
33	.000159	.000270	0.000168	.000157	.000267	.000162	*	*	*	*	*	*
34	.000165	.000278	0.000175	.000162	.000275	.000167	*	*	*	*	*	*
35	.000172	.000289	0.000182	.000169	.000285	.000172	*	*	*	*	*	*
36	.000180	.000300	0.000191	.000176	.000296	.000180	*	*	*	*	*	*
37	.000191	.000313	0.000208	.000186	.000308	.000198	*	*	*	*	*	*
38	.000204	.000328	0.000235	.000200	.000322	.000228	*	*	*	*	*	*
39	.000221	.000346	0.000269	.000217	.000338	.000265	*	*	*	*	*	*
40	.000240	.000366	0.000307	.000237	.000357	.000306	*	*	*	*	*	*
41	.000262	.000390	0.000345	.000258	.000379	.000347	*	*	*	*	*	*
42	.000284	.000421	0.000379	.000281	.000408	.000383	*	*	*	*	*	*
43	.000309	.000461	0.000407	.000304	.000446	.000410	*	*	*	*	*	*
44	.000335	.000509	0.000431	.000329	.000493	.000432	*	*	*	*	*	*
45	.000367	.000568	0.000457	.000359	.000550	.000456	*	*	*	*	*	*
46	.000401	.000632	0.000488	.000392	.000612	.000484	*	*	*	*	*	*
47	.000432	.000689	0.000517	.000422	.000668	.000511	*	*	*	*	*	*
48	.000454	.000727	0.000541	.000444	.000707	.000534	*	*	*	*	*	*
49	.000470	.000752	0.000563	.000460	.000734	.000555	*	*	*	*	*	*
50	.000484	.000773	0.000583	.000476	.000759	.000575	*	*	*	*	*	*
51	.000502	.000803	0.000606	.000495	.000792	.000598	*	*	*	*	*	*
52	.000525	.000841	0.000637	.000519	.000833	.000627	*	*	*	*	*	*
53	.000556	.000890	0.000677	.000550	.000884	.000664	*	*	*	*	*	*
54	.000591	.000946	0.000722	.000584	.000940	.000706	*	*	*	*	*	*
55	.000625	.001001	0.000765	.000617	.000995	.000745	*	*	*	*	*	*
56	.000658	.001055	0.000804	.000649	.001049	.000781	*	*	*	*	*	*
57	.000691	.001114	0.000840	.000683	.001108	.000818	*	*	*	*	*	*
58	.000727	.001178	0.000874	.000720	.001172	.000857	*	*	*	*	*	*
59	.000762	.001242	0.000906	.000758	.001238	.000895	*	*	*	*	*	*

Table 7. Standard errors of the probability of dying: North Dakota, 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	.000797	.001303	0.000939	.000795	.001299	.000936	*	*	*	*	*	*
61	.000830	.001358	0.000973	.000830	.001355	.000974	*	*	*	*	*	*
62	.000863	.001417	0.001004	.000864	.001415	.001008	*	*	*	*	*	*
63	.000898	.001483	0.001034	.000900	.001484	.001038	*	*	*	*	*	*
64	.000936	.001559	0.001065	.000938	.001563	.001067	*	*	*	*	*	*
65	.000977	.001643	0.001098	.000981	.001650	.001098	*	*	*	*	*	*
66	.001023	.001732	0.001138	.001027	.001743	.001137	*	*	*	*	*	*
67	.001073	.001826	0.001193	.001078	.001838	.001191	*	*	*	*	*	*
68	.001129	.001922	0.001265	.001134	.001933	.001263	*	*	*	*	*	*
69	.001189	.002021	0.001347	.001193	.002031	.001345	*	*	*	*	*	*
70	.001253	.002123	0.001436	.001256	.002130	.001434	*	*	*	*	*	*
71	.001320	.002237	0.001525	.001322	.002242	.001523	*	*	*	*	*	*
72	.001392	.002372	0.001608	.001394	.002377	.001607	*	*	*	*	*	*
73	.001471	.002534	0.001683	.001473	.002540	.001683	*	*	*	*	*	*
74	.001555	.002719	0.001755	.001559	.002727	.001758	*	*	*	*	*	*
75	.001642	.002918	0.001825	.001648	.002930	.001830	*	*	*	*	*	*
76	.001736	.003128	0.001908	.001744	.003143	.001915	*	*	*	*	*	*
77	.001846	.003357	0.002024	.001855	.003375	.002033	*	*	*	*	*	*
78	.001981	.003615	0.002189	.001990	.003633	.002198	*	*	*	*	*	*
79	.002142	.003911	0.002396	.002150	.003929	.002405	*	*	*	*	*	*
80	.002328	.004261	0.002632	.002335	.004276	.002639	*	*	*	*	*	*
81	.002535	.004664	0.002882	.002541	.004678	.002888	*	*	*	*	*	*
82	.002764	.005117	0.003153	.002769	.005132	.003158	*	*	*	*	*	*
83	.003017	.005614	0.003447	.003022	.005631	.003453	*	*	*	*	*	*
84	.003302	.006165	0.003780	.003310	.006187	.003788	*	*	*	*	*	*
85	.003658	.006844	0.004204	.003669	.006876	.004215	*	*	*	*	*	*
86	.004088	.007670	0.004716	.004103	.007712	.004732	*	*	*	*	*	*
87	.004593	.008645	0.005319	.004613	.008698	.005340	*	*	*	*	*	*
88	.005180	.009802	0.006016	.005204	.009865	.006042	*	*	*	*	*	*
89	.005868	.011199	0.006819	.005895	.011270	.006849	*	*	*	*	*	*
90	.006722	.013010	0.007796	.006752	.013087	.007830	*	*	*	*	*	*
91	.007793	.015398	0.008990	.007828	.015478	.009031	*	*	*	*	*	*
92	.009052	.018336	0.010366	.009093	.018414	.010417	*	*	*	*	*	*
93	.010452	.021594	0.011904	.010500	.021674	.011966	*	*	*	*	*	*
94	.011990	.024937	0.013642	.012049	.025034	.013717	*	*	*	*	*	*
95	.014372	.029810	0.016691	.014503	.030135	.016855	*	*	*	*	*	*
96	.017077	.035585	0.019820	.017255	.036128	.020025	*	*	*	*	*	*
97	.020509	.043046	0.023776	.020752	.043880	.024043	*	*	*	*	*	*
98	.025023	.053342	0.028975	.025410	.054418	.029407	*	*	*	*	*	*
99	.030386	.066128	0.034977	.030961	.067993	.035581	*	*	*	*	*	*
100	.037667	.082841	0.043237	.038606	.085836	.044230	*	*	*	*	*	*
101	.047598	.105223	0.054569	.049092	.109769	.056170	*	*	*	*	*	*
102	.061408	.137123	0.070236	.063795	.144916	.072737	*	*	*	*	*	*
103	.081150	.181112	0.092842	.085148	.194699	.096966	*	*	*	*	*	*
104	.105889	.245824	0.120126	.113545	.274798	.127873	*	*	*	*	*	*
105	.137447	.321234	0.155773	.150480	.370185	.169057	*	*	*	*	*	*
106	.188962	.423027	0.216194	.215591	.553292	.240644	*	*	*	*	*	*
107	.243729	.552089	0.278239	.279581	.656615	.317142	*	*	*	*	*	*
108	.346445	.738010	0.401148	.423449	.999999	.477618	*	*	*	*	*	*
109	.476234	.955867	0.560078	.598202	.999999	.670369	*	*	*	*	*	*

* Figure does not meet standards of reliability and precision.

Table 8. Standard errors of the average remaining lifetime: North Dakota, 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	.112	.155	.154	.113	.156	.155	*	*	*	*	*	*
1	.105	.146	.143	.105	.146	.143	*	*	*	*	*	*
2	.104	.145	.142	.105	.146	.142	*	*	*	*	*	*
3	.104	.145	.141	.104	.145	.141	*	*	*	*	*	*
4	.104	.144	.141	.104	.145	.141	*	*	*	*	*	*
5	.104	.144	.141	.104	.144	.140	*	*	*	*	*	*
6	.103	.144	.140	.104	.144	.140	*	*	*	*	*	*
7	.103	.144	.140	.103	.144	.140	*	*	*	*	*	*
8	.103	.143	.140	.103	.144	.140	*	*	*	*	*	*
9	.103	.143	.139	.103	.143	.140	*	*	*	*	*	*
10	.103	.143	.139	.103	.143	.139	*	*	*	*	*	*
11	.103	.143	.139	.103	.143	.139	*	*	*	*	*	*
12	.103	.143	.139	.103	.143	.139	*	*	*	*	*	*
13	.103	.143	.139	.103	.143	.139	*	*	*	*	*	*
14	.102	.142	.139	.102	.143	.139	*	*	*	*	*	*
15	.102	.142	.138	.102	.142	.138	*	*	*	*	*	*
16	.102	.142	.138	.102	.142	.138	*	*	*	*	*	*
17	.102	.141	.138	.102	.141	.138	*	*	*	*	*	*
18	.101	.141	.138	.101	.141	.138	*	*	*	*	*	*
19	.101	.140	.137	.101	.140	.137	*	*	*	*	*	*
20	.100	.139	.137	.101	.139	.137	*	*	*	*	*	*
21	.100	.138	.136	.100	.139	.137	*	*	*	*	*	*
22	.100	.138	.136	.100	.138	.136	*	*	*	*	*	*
23	.099	.137	.136	.099	.137	.136	*	*	*	*	*	*
24	.099	.136	.135	.099	.136	.136	*	*	*	*	*	*
25	.098	.136	.135	.099	.136	.135	*	*	*	*	*	*
26	.098	.135	.135	.098	.135	.135	*	*	*	*	*	*
27	.098	.134	.135	.098	.135	.135	*	*	*	*	*	*
28	.097	.134	.134	.098	.134	.134	*	*	*	*	*	*
29	.097	.133	.134	.097	.134	.134	*	*	*	*	*	*
30	.097	.133	.134	.097	.133	.134	*	*	*	*	*	*
31	.097	.133	.134	.097	.133	.134	*	*	*	*	*	*
32	.097	.132	.133	.097	.133	.134	*	*	*	*	*	*
33	.096	.132	.133	.097	.132	.133	*	*	*	*	*	*
34	.096	.131	.133	.096	.132	.133	*	*	*	*	*	*
35	.096	.131	.133	.096	.131	.133	*	*	*	*	*	*
36	.096	.131	.133	.096	.131	.133	*	*	*	*	*	*
37	.096	.130	.132	.096	.131	.133	*	*	*	*	*	*
38	.095	.130	.132	.096	.130	.132	*	*	*	*	*	*
39	.095	.130	.132	.095	.130	.132	*	*	*	*	*	*
40	.095	.129	.132	.095	.130	.132	*	*	*	*	*	*
41	.094	.129	.131	.095	.129	.131	*	*	*	*	*	*
42	.094	.128	.130	.094	.129	.131	*	*	*	*	*	*
43	.094	.128	.130	.094	.128	.130	*	*	*	*	*	*
44	.093	.127	.129	.093	.128	.129	*	*	*	*	*	*
45	.093	.126	.128	.093	.127	.128	*	*	*	*	*	*
46	.092	.125	.127	.092	.126	.127	*	*	*	*	*	*
47	.091	.124	.126	.092	.125	.126	*	*	*	*	*	*
48	.090	.123	.125	.091	.124	.125	*	*	*	*	*	*
49	.090	.122	.124	.090	.123	.124	*	*	*	*	*	*
50	.089	.121	.123	.089	.121	.123	*	*	*	*	*	*
51	.088	.119	.122	.088	.120	.122	*	*	*	*	*	*
52	.087	.118	.121	.087	.119	.121	*	*	*	*	*	*
53	.086	.117	.120	.087	.117	.120	*	*	*	*	*	*
54	.085	.115	.118	.086	.116	.118	*	*	*	*	*	*
55	.084	.114	.117	.085	.115	.117	*	*	*	*	*	*
56	.083	.112	.115	.084	.113	.116	*	*	*	*	*	*
57	.082	.111	.114	.082	.112	.114	*	*	*	*	*	*
58	.081	.109	.112	.081	.110	.113	*	*	*	*	*	*
59	.080	.108	.111	.080	.108	.111	*	*	*	*	*	*

Table 8. Standard errors of the average remaining lifetime: North Dakota, 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	.079	.106	.109	.079	.107	.109	*	*	*	*	*	*
61	.078	.105	.107	.078	.105	.108	*	*	*	*	*	*
62	.076	.103	.106	.077	.104	.106	*	*	*	*	*	*
63	.075	.102	.104	.076	.102	.105	*	*	*	*	*	*
64	.074	.100	.103	.075	.101	.103	*	*	*	*	*	*
65	.073	.099	.101	.074	.099	.101	*	*	*	*	*	*
66	.072	.097	.100	.072	.098	.100	*	*	*	*	*	*
67	.071	.096	.098	.071	.096	.099	*	*	*	*	*	*
68	.070	.095	.097	.070	.095	.097	*	*	*	*	*	*
69	.069	.093	.095	.069	.094	.096	*	*	*	*	*	*
70	.068	.092	.094	.068	.092	.094	*	*	*	*	*	*
71	.067	.091	.092	.067	.091	.093	*	*	*	*	*	*
72	.066	.090	.091	.066	.090	.091	*	*	*	*	*	*
73	.065	.089	.089	.065	.089	.090	*	*	*	*	*	*
74	.064	.088	.088	.065	.088	.088	*	*	*	*	*	*
75	.064	.087	.087	.064	.088	.087	*	*	*	*	*	*
76	.063	.087	.086	.063	.087	.086	*	*	*	*	*	*
77	.062	.086	.085	.063	.087	.085	*	*	*	*	*	*
78	.062	.086	.084	.062	.087	.084	*	*	*	*	*	*
79	.062	.086	.083	.062	.087	.083	*	*	*	*	*	*
80	.062	.087	.082	.062	.087	.082	*	*	*	*	*	*
81	.061	.087	.082	.061	.087	.082	*	*	*	*	*	*
82	.062	.088	.082	.061	.088	.081	*	*	*	*	*	*
83	.062	.089	.081	.062	.089	.081	*	*	*	*	*	*
84	.062	.090	.081	.062	.090	.081	*	*	*	*	*	*
85	.063	.092	.082	.063	.092	.081	*	*	*	*	*	*
86	.064	.095	.082	.064	.094	.082	*	*	*	*	*	*
87	.065	.098	.083	.065	.098	.083	*	*	*	*	*	*
88	.067	.102	.085	.066	.102	.084	*	*	*	*	*	*
89	.069	.107	.086	.068	.107	.086	*	*	*	*	*	*
90	.071	.114	.089	.071	.113	.088	*	*	*	*	*	*
91	.075	.122	.093	.074	.121	.092	*	*	*	*	*	*
92	.079	.132	.097	.079	.131	.097	*	*	*	*	*	*
93	.085	.144	.103	.084	.143	.103	*	*	*	*	*	*
94	.091	.158	.111	.091	.157	.111	*	*	*	*	*	*
95	.100	.176	.122	.100	.176	.121	*	*	*	*	*	*
96	.110	.198	.134	.110	.198	.133	*	*	*	*	*	*
97	.123	.226	.149	.124	.228	.149	*	*	*	*	*	*
98	.140	.262	.167	.140	.265	.168	*	*	*	*	*	*
99	.159	.305	.189	.161	.312	.191	*	*	*	*	*	*
100	.184	.359	.218	.188	.371	.222	*	*	*	*	*	*
101	.216	.429	.255	.222	.450	.262	*	*	*	*	*	*
102	.256	.519	.301	.267	.557	.312	*	*	*	*	*	*
103	.307	.635	.360	.325	.699	.378	*	*	*	*	*	*
104	.368	.779	.429	.398	.892	.459	*	*	*	*	*	*
105	.444	.943	.517	.492	1.129	.565	*	*	*	*	*	*
106	.545	1.143	.637	.622	1.457	.712	*	*	*	*	*	*
107	.656	1.375	.767	.766	1.750	.879	*	*	*	*	*	*
108	.808	1.639	.951	.986	2.349	1.122	*	*	*	*	*	*
109	.909	1.797	1.078	1.145	2.850	1.294	*	*	*	*	*	*

* Figure does not meet standards of reliability and precision.

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DHHS Publication No. (PHS) 98-1151-35
8-0395 (4/98)