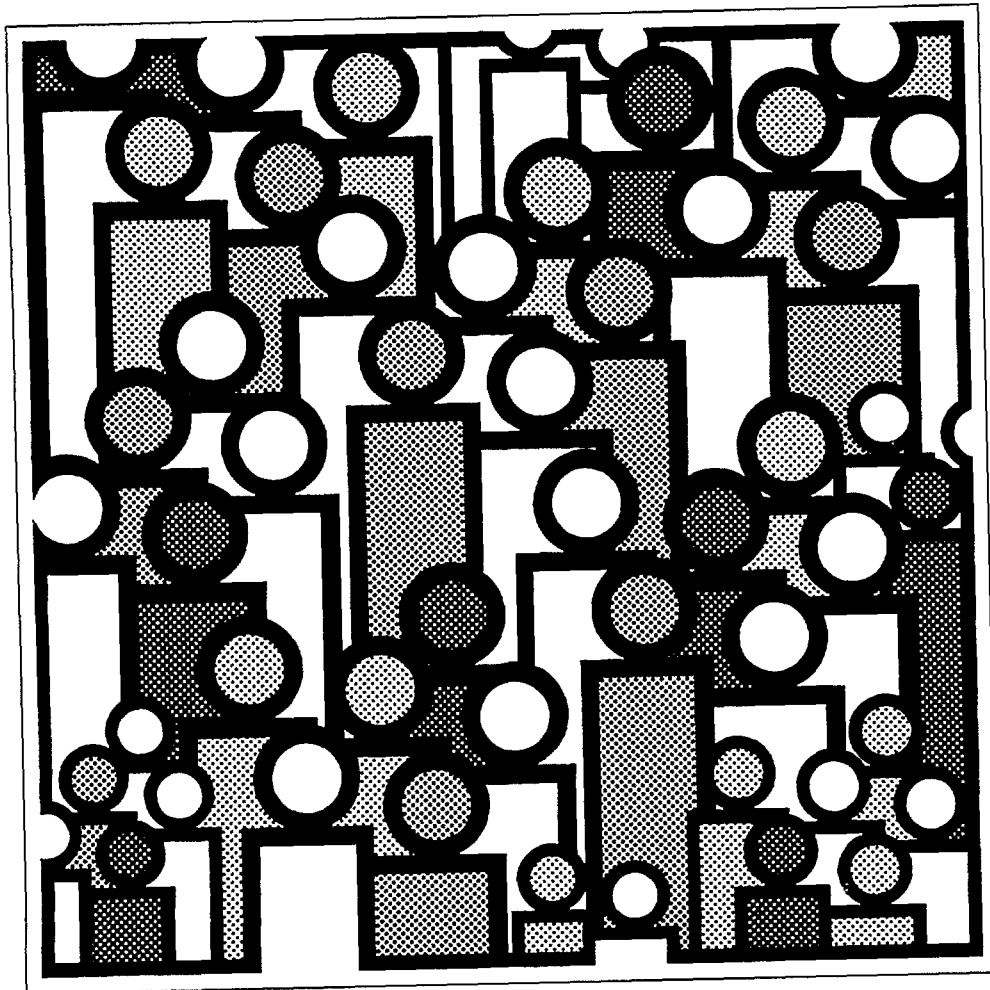


# **U.S. Decennial Life Tables for 1979-81**

**Volume II, State Life Tables  
Number 27, Montana**



DHHS Publication No. (PHS) 86-1151-27

U.S. DEPARTMENT OF HEALTH AND HUMAN SERVICES  
Public Health Service  
National Center for Health Statistics

Hyattsville, Maryland  
January 1986

#### Copyright Information

All material appearing in this report is in the public domain and may be reproduced or copied without permission; citation as to source, however, is appreciated.

---

#### Suggested Citation

National Center for Health Statistics: State life tables, Alabama—Wyoming. *U.S. Decennial Life Tables for 1979–81*. Vol. II, Nos. 1–51. DHHS Pub. No. (PHS) 86–1151–1–51. Public Health Service. Washington. U.S. Government Printing Office, Jan. 1986.

---

#### Library of Congress Cataloging-in-Publication Data

Main entry under title:

U.S. decennial life tables for 1979–81.

(DHHS publication ; no. (PHS) 85–1150–1 )

Contents: v. 1, no. 1. United States life tables.

no. 2. United States life tables, eliminating certain causes of death. no. 3. Methodology of the national and state life tables. no. 4. Some trends and comparison of United States life table data, 1900–81 — v. 2.

State life tables, Alabama—Wyoming (51 v.)

1. Mortality—United States—Tables—Collected works. 2. Mortality—United States—Tables—Methodology—Collected works. 3. Mortality—United States—States—Tables—Collected works. 4. United States—Statistics, Vital—Collected works. I. National Center for Health Statistics (U.S.) II. Title: US decennial life tables for 1979–81. III. Series: DHHS publication; no. (PHS) 85–1150–1, etc.

HB1335.U17 1985 304.6'4'0973021 85–600190

---

For sale by the Superintendent of Documents  
U.S. Government Printing Office  
Washington, D.C. 20402

## **National Center for Health Statistics**

Manning Feinleib, M.D., Dr.P.H., *Director*

Robert A. Israel, *Deputy Director*

Jacob J. Feldman, Ph.D., *Associate Director for Analysis and Epidemiology*

Garrie J. Losee, *Associate Director for Data Processing and Services*

Alvan O. Zarate, Ph.D., *Assistant Director for International Statistics*

E. Earl Bryant, *Associate Director for Interview and Examination Statistics*

Stephen E. Nieberding, *Associate Director for Management*

Gail F. Fisher, Ph.D., *Associate Director for Program Planning, Evaluation, and Coordination*

Monroe G. Sirken, Ph.D., *Associate Director for Research and Methodology*

Peter L. Hurley, *Associate Director for Vital and Health Care Statistics*

Alice Haywood, *Information Officer*

## **Office of Research and Methodology**

Monroe G. Sirken, Ph.D., *Associate Director*

Robert J. Casady, Ph.D., *Chief, Statistical Methods Staff*

James T. Massey, Ph.D., *Chief, Survey Design Staff*

## **Vital and Health Care Statistics Program**

Peter L. Hurley, *Associate Director*

Gloria Kapantais, *Assistant to the Director for Data Policy, Planning, and Analysis*

## **Division of Vital Statistics**

John E. Patterson, *Director*

James A. Weed, Ph.D., *Deputy Director*

Robert J. Armstrong, *Actuarial Adviser*

Harry M. Rosenberg, Ph.D., *Chief, Mortality Statistics Branch*

Mabel G. Smith, *Chief, Statistical Resources Branch*

Joseph D. Farrell, *Chief, Computer Applications Staff*

# Contents

|                                                                                                      |       |
|------------------------------------------------------------------------------------------------------|-------|
| Preparation of the life tables .....                                                                 | 27-iv |
| Explanation of the State tables .....                                                                | 27-1  |
| Explanation of the columns of the life table .....                                                   | 27-1  |
| <br><b>Text table</b>                                                                                |       |
| Average lifetime in years by race and sex: United States and each State in rank order, 1979-81 ..... | 27-3  |
| <br><b>Detailed tables</b>                                                                           |       |
| 1. Life table for the total population: Montana, 1979-81 .....                                       | 27-4  |
| 2. Life table for males: Montana, 1979-81 .....                                                      | 27-6  |
| 3. Life table for females: Montana, 1979-81 .....                                                    | 27-8  |
| 4. Life table for the white population: Montana, 1979-81 .....                                       | 27-10 |
| 5. Life table for white males: Montana, 1979-81 .....                                                | 27-12 |
| 6. Life table for white females: Montana, 1979-81 .....                                              | 27-14 |
| 7. Standard errors of the probability of dying: Montana, 1979-81 .....                               | 27-16 |
| 8. Standard errors of the average remaining lifetime: Montana, 1979-81 .....                         | 27-18 |

---

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

---

# Preparation of the life tables

Robert J. Armstrong of the Division of Vital Statistics, National Center for Health Statistics, developed the content of the life tables and the methodology to produce them. He was also responsible for coordinating all the activities of the Social Security Administration, the U.S. Bureau of the Census, and the various components of the National Center for Health Statistics that contributed to the production of these life tables.

Nonie Atkinson of the Office of Research and Methodology 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.

Anne K. Stratton of the Computer Applications Staff of the Division of Vital Statistics coordinated all data processing and developed computer processes which eased the workload of the actuarial statistician and the Publications Branch. She

also provided major programming support in summarizing data basic to the calculation of the life tables.

John E. Mounts, Ann A. Swain, Arlett R. Brown, and Barbara B. Beals of the Publications Branch, Division of Data Services, provided consultation, publications management, and editorial review. Stephen L. Sloan supervised the production of the cover design, and Linda L. Bean coordinated the printing.

An ad hoc committee provided guidance and many helpful suggestions on the methodology and content of the life tables. This committee was headed by Thomas N. E. Greville of the University of Wisconsin. Other members were Francisco Bayo, Joseph Faber, and John Wilkin of the Office of the Actuary, Social Security Administration; Jacob S. Siegel and Jeffrey Passel of the U.S. Bureau of the Census; and various staff members of the National Center for Health Statistics.

# Montana Life Tables: 1979-81

## Explanation of the State tables

This report contains the 1979-81 life tables and standard error tables for this State. Other publications in this decennial series present life tables for the United States and the other individual States. Each of these reports shows life tables calculated for the white population, the population other than white, and the black population separately by sex and for both sexes combined. Also included are life tables for the total population, for total males, and for total females. Life tables, however, for any racial group in a State are not being published when the total number of deaths for either males or females during the 3-year period is less than 700.

The tables are based on the 1980 Census of Population and on the average annual number of resident deaths during the 3-year period 1979-81. In deriving life table values at ages under 2, reported births for the years 1977-81 have also been used. Mortality rates (proportions dying) at ages 95 and over are based on the experience of the Medicare program of the Social Security Administration. These rates are differentiated by race and sex but not by State. Values at ages 85-94 have also been adjusted to provide a smooth transition between the mortality rates based on the census and registered deaths and those derived from the Medicare program. Therefore the figures at ages 85 and above may fail to reflect adequately variation in mortality among the States. Such variation, however, is in general smaller than differences associated with race and sex. The population and death statistics at ages under 85 are known to be subject to certain errors, but these were not considered to be serious enough to require adjustment prior to the calculation of the life tables. However, in some instances fluctuations due to the small volume of data produced anomalous life-table values, which were eliminated by minor redistribution of deaths by age.

A separate report, in this series of 55 reports, describes the methods and formulas by which the national and State life tables were prepared, and an explanation of the columns of the life table precedes the tables in this State report.

The life table assumes that a hypothetical cohort traced from birth until the death of the last survivor is subject throughout its existence to the age by age mortality rates observed in a certain population or population subdivision during a specified period. For example, table 3 is a life table for females. This table shows the progress of a cohort starting with 100,000 live births and subject during its passage through successive years of age to the average annual mortality rates observed among females in this State in the 3-year period 1979-81.

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 1979-81 life tables for this State, the expectation of life at birth is 70.47 years for total males and 77.68 for total females. Among the 50 States and the District of Columbia in the expectation of life at birth for the total population, this State ranks 25th.

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.

These life tables are based on a complete count of resident deaths in this State during the 3 years 1979, 1980, and 1981. 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 reader should remember that the standard errors shown in this report reflect this random error only. Other errors such as misreporting age on death certificates or in the census are not reflected in them.

Standard errors of the probability of dying and of life expectancy are being shown with these life tables for the first time. In both cases the standard errors contain one decimal 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.

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 Standard Errors of the Probability of Dying table). 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 .00354 with a standard error of .000575. Therefore the 68-percent confidence interval is from .00296 to .00412 and the 95-percent confidence interval is from .00239 to .00469. The life expectancy of a 50-year-old white female is 31.18 years with a standard error of .117 years. The 68-percent confidence interval for the life expectancy is therefore from 31.06 to 31.30 years and the 95-percent confidence interval is from 30.95 to 31.41 years.

## Explanation of the columns of the life table

*Column 1—Year of age ( $x$  to  $x + 1$ )*—The year of age 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 1979-81 in this State. For example, for females in the year of age 21-22, the proportion dying is .00096—of every 1,000 reaching their 21st birthday, 0.96 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 of 100,000 babies born alive in the cohort of table 3, 98,891 will complete the first year of life and enter the second, 97,920 will reach age 21, and 67,732 will live to age 75.

*Column 4—Number dying ( $d_x$ )*—This column shows the number dying in the indicated year of age of 100,000 live births. Thus out of 100,000 born alive in the cohort of table 3, 1,109 will die in the first year of life, 94 in the 22d year, and 2,232 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 each year and that the proportion dying in each such group in each year of age 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 year of age would never change. When an individual left an age, whether by death or by growing older and entering the next higher age, his place would immediately be taken by someone entering from the next lower age. 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 ages. In such a stationary population supported by 100,000 annual births, column 3 shows the number of persons

who each year will reach the birthday that marks the beginning of the year of age indicated in column 1, and column 4 shows the number of persons who will die each year in that year of age.

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 97,873. This means that in a stationary population supported by 100,000 annual births and with proportions dying at each age always in accordance with column 2, a census taken on any date would show 97,873 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 (column 5) 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 5,698,864 persons who had reached their 21st birthday. The population at all ages 0 and above (in other words, the total stationary population of females) would be 7,767,580.

*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 can also be interpreted in terms of a single life-table cohort without introducing the concept of a stationary population. From this point of view, each figure in column 5 represents the total time in years lived between the two indicated birthdays by all those reaching the earlier birthday among the survivors of a cohort of 100,000 live births. Thus the figure 97,873 for females in this State in the year of age 21-22 is the total number of years lived between their 21st and 22d birthdays by the 97,920 (column 3) who reached the 21st birthday out of the original cohort of 100,000, and the corresponding figure (5,698,864) in column 6 is the total number of years lived after attaining age 21 by the 97,920 reaching that age. This number of years divided by the number of persons (5,698,864 divided by 97,920) gives 58.20 as the average remaining lifetime at age 21 for females in this State.

AVERAGE LIFETIME IN YEARS BY RACE AND SEX: UNITED STATES AND EACH STATE IN RANK ORDER, 1979-81

(STATES ARE RANKED ACCORDING TO THE AVERAGE LIFETIME FOR THE TOTAL POPULATION)

| RANK | AREA                      | TOTAL      |       |        | WHITE      |       |        | ALL OTHER  |       |        |            |       |        |
|------|---------------------------|------------|-------|--------|------------|-------|--------|------------|-------|--------|------------|-------|--------|
|      |                           | BOTH SEXES | MALE  | FEMALE | BOTH SEXES | MALE  | FEMALE | TOTAL      |       |        | BLACK      |       |        |
|      |                           |            |       |        |            |       |        | BOTH SEXES | MALE  | FEMALE | BOTH SEXES | MALE  | FEMALE |
| 1    | HAWAII.....               | 77.02      | 74.08 | 80.33  | 76.22      | 73.04 | 79.81  | 77.46      | 74.57 | 80.72  | *          | *     | *      |
| 2    | MINNESOTA.....            | 76.15      | 72.52 | 79.82  | 76.25      | 72.63 | 79.90  | *          | *     | *      | *          | *     | *      |
| 3    | IOWA.....                 | 75.81      | 72.00 | 79.60  | 75.88      | 72.09 | 79.64  | *          | *     | *      | *          | *     | *      |
| 4    | UTAH.....                 | 75.76      | 72.38 | 79.18  | 75.80      | 72.42 | 79.22  | *          | *     | *      | *          | *     | *      |
| 5    | NORTH DAKOTA.....         | 75.71      | 72.09 | 79.68  | 76.03      | 72.45 | 79.95  | *          | *     | *      | *          | *     | *      |
| 6    | NEBRASKA.....             | 75.49      | 71.73 | 79.29  | 75.73      | 71.97 | 79.53  | *          | *     | *      | *          | *     | *      |
| 7    | WISCONSIN.....            | 75.35      | 71.86 | 78.87  | 75.53      | 72.05 | 79.05  | 71.17      | 67.53 | 74.83  | 70.53      | 66.98 | 74.09  |
| 8    | KANSAS.....               | 75.31      | 71.60 | 78.99  | 75.57      | 71.85 | 79.26  | 71.33      | 67.87 | 74.75  | 69.68      | 66.17 | 73.24  |
| 9    | COLORADO.....             | 75.30      | 71.78 | 78.80  | 75.37      | 71.84 | 78.89  | 74.09      | 70.74 | 77.32  | 71.01      | 67.41 | 74.66  |
| 10   | IDAHO.....                | 75.19      | 71.52 | 79.15  | 75.24      | 71.58 | 79.19  | *          | *     | *      | *          | *     | *      |
| 11   | WASHINGTON.....           | 75.13      | 71.74 | 78.57  | 75.23      | 71.86 | 78.64  | 73.84      | 70.18 | 77.83  | *          | *     | *      |
| 12   | CONNECTICUT.....          | 75.12      | 71.51 | 78.57  | 75.46      | 71.90 | 78.86  | 71.45      | 67.13 | 75.55  | 70.32      | 65.80 | 74.62  |
| 13   | MASSACHUSETTS.....        | 75.01      | 71.27 | 78.46  | 75.11      | 71.38 | 78.54  | 73.66      | 69.60 | 77.51  | 71.74      | 67.53 | 75.73  |
| 14   | OREGON.....               | 74.99      | 71.35 | 78.77  | 75.03      | 71.41 | 78.79  | *          | *     | *      | *          | *     | *      |
| 15   | NEW HAMPSHIRE.....        | 74.98      | 71.43 | 78.37  | 74.94      | 71.39 | 78.38  | *          | *     | *      | *          | *     | *      |
| 16   | SOUTH DAKOTA.....         | 74.97      | 71.03 | 79.21  | 75.94      | 72.07 | 80.07  | *          | *     | *      | *          | *     | *      |
| 17   | VERMONT.....              | 74.79      | 71.06 | 78.49  | 74.76      | 71.03 | 78.47  | *          | *     | *      | *          | *     | *      |
| 18   | RHODE ISLAND.....         | 74.76      | 70.96 | 78.33  | 74.87      | 71.06 | 78.45  | *          | *     | *      | *          | *     | *      |
| 19   | MAINE.....                | 74.59      | 70.78 | 78.41  | 74.58      | 70.77 | 78.39  | *          | *     | *      | *          | *     | *      |
| 20   | CALIFORNIA.....           | 74.57      | 71.09 | 78.02  | 74.67      | 71.18 | 78.12  | 74.30      | 70.86 | 77.81  | 69.54      | 65.47 | 73.74  |
| 21   | ARIZONA.....              | 74.30      | 70.46 | 78.34  | 74.78      | 71.08 | 78.66  | 69.59      | 64.63 | 75.04  | *          | *     | *      |
| 22   | NEW MEXICO.....           | 74.01      | 69.91 | 78.34  | 74.44      | 70.46 | 78.63  | 70.54      | 65.32 | 76.12  | *          | *     | *      |
| 23   | FLORIDA.....              | 74.00      | 70.08 | 77.98  | 74.95      | 71.10 | 78.86  | 68.07      | 63.76 | 72.41  | 67.39      | 63.05 | 71.79  |
| 23   | NEW JERSEY.....           | 74.00      | 70.48 | 77.39  | 74.69      | 71.25 | 77.99  | 69.91      | 65.73 | 73.90  | 68.87      | 64.53 | 73.02  |
| 25   | MONTANA.....              | 73.93      | 70.47 | 77.68  | 74.46      | 71.00 | 78.19  | *          | *     | *      | *          | *     | *      |
|      | UNITED STATES....         | 73.88      | 70.11 | 77.62  | 74.53      | 70.82 | 78.22  | 69.84      | 65.63 | 74.00  | 68.52      | 64.10 | 72.88  |
| 26   | WYOMING.....              | 73.85      | 69.95 | 78.20  | 74.05      | 70.15 | 78.39  | *          | *     | *      | *          | *     | *      |
| 27   | INDIANA.....              | 73.84      | 70.16 | 77.46  | 74.22      | 70.57 | 77.82  | 69.55      | 65.53 | 73.54  | 68.78      | 64.71 | 72.87  |
| 27   | MISSOURI.....             | 73.84      | 69.92 | 77.72  | 74.48      | 70.64 | 78.29  | 68.74      | 64.02 | 73.29  | 67.96      | 63.14 | 72.65  |
| 29   | ARKANSAS.....             | 73.72      | 69.73 | 77.83  | 74.44      | 70.46 | 78.59  | 69.95      | 65.51 | 74.16  | 69.49      | 65.00 | 73.77  |
| 30   | NEW YORK.....             | 73.70      | 70.02 | 77.18  | 74.44      | 70.90 | 77.80  | 70.13      | 65.58 | 74.26  | 68.97      | 64.14 | 73.28  |
| 31   | MICHIGAN.....             | 73.67      | 70.07 | 77.29  | 74.46      | 70.94 | 77.99  | 68.91      | 64.73 | 73.17  | 68.19      | 63.87 | 72.58  |
| 31   | OKLAHOMA.....             | 73.67      | 69.63 | 77.81  | 73.93      | 69.90 | 78.07  | 71.97      | 67.63 | 76.26  | 68.96      | 64.71 | 73.22  |
| 33   | TEXAS.....                | 73.64      | 69.70 | 77.67  | 74.22      | 70.30 | 78.22  | 69.69      | 65.40 | 74.05  | 68.88      | 64.44 | 73.42  |
| 34   | PENNSYLVANIA.....         | 73.58      | 69.90 | 77.16  | 74.13      | 70.52 | 77.64  | 68.58      | 64.07 | 72.93  | 67.89      | 63.27 | 72.35  |
| 35   | OHIO.....                 | 73.49      | 69.85 | 77.06  | 74.01      | 70.42 | 77.53  | 69.21      | 65.16 | 73.24  | 68.67      | 64.56 | 72.75  |
| 36   | VIRGINIA.....             | 73.43      | 69.60 | 77.27  | 74.42      | 70.54 | 78.28  | 69.57      | 65.76 | 73.49  | 68.96      | 65.08 | 72.99  |
| 37   | ILLINOIS.....             | 73.37      | 69.55 | 77.13  | 74.29      | 70.57 | 77.96  | 68.71      | 64.32 | 72.99  | 67.63      | 63.02 | 72.09  |
| 38   | MARYLAND.....             | 73.32      | 69.71 | 76.83  | 74.36      | 70.86 | 77.73  | 69.83      | 65.89 | 73.81  | 69.17      | 65.13 | 73.25  |
| 39   | TENNESSEE.....            | 73.30      | 69.15 | 77.47  | 74.13      | 69.99 | 78.31  | 68.87      | 64.37 | 73.19  | 68.60      | 64.07 | 72.96  |
| 40   | DELAWARE.....             | 73.21      | 69.56 | 76.78  | 74.11      | 70.53 | 77.59  | 68.98      | 64.93 | 73.15  | 68.38      | 64.35 | 72.53  |
| 41   | KENTUCKY.....             | 73.06      | 69.14 | 77.12  | 73.39      | 69.46 | 77.46  | 68.91      | 64.90 | 72.93  | 68.32      | 64.31 | 72.38  |
| 42   | NORTH CAROLINA.....       | 72.96      | 68.60 | 77.35  | 74.27      | 70.02 | 78.53  | 68.61      | 63.66 | 73.58  | 68.31      | 63.33 | 73.32  |
| 43   | WEST VIRGINIA.....        | 72.84      | 68.86 | 76.93  | 72.98      | 68.99 | 77.09  | 69.05      | 65.03 | 72.88  | 67.91      | 63.66 | 71.94  |
| 44   | NEVADA.....               | 72.64      | 69.26 | 76.48  | 72.90      | 69.52 | 76.72  | *          | *     | *      | *          | *     | *      |
| 45   | ALABAMA.....              | 72.53      | 68.28 | 76.79  | 73.88      | 69.67 | 78.15  | 68.52      | 63.76 | 73.05  | 68.33      | 63.54 | 72.89  |
| 46   | ALASKA.....               | 72.24      | 68.71 | 76.87  | 73.42      | 69.99 | 77.93  | *          | *     | *      | *          | *     | *      |
| 47   | GEORGIA.....              | 72.22      | 68.01 | 76.35  | 73.80      | 69.56 | 78.01  | 67.87      | 63.41 | 72.06  | 67.66      | 63.18 | 71.88  |
| 48   | MISSISSIPPI.....          | 71.98      | 67.64 | 76.39  | 73.61      | 69.26 | 78.09  | 68.90      | 64.19 | 73.40  | 68.81      | 64.09 | 73.32  |
| 49   | SOUTH CAROLINA.....       | 71.85      | 67.56 | 76.12  | 73.60      | 69.40 | 77.81  | 67.78      | 62.96 | 72.47  | 67.58      | 62.73 | 72.31  |
| 50   | LOUISIANA.....            | 71.74      | 67.64 | 75.89  | 73.26      | 69.20 | 77.42  | 68.12      | 63.63 | 72.48  | 67.85      | 63.29 | 72.27  |
| 51   | DISTRICT OF COLUMBIA..... | 69.20      | 64.55 | 73.70  | 74.83      | 71.24 | 77.88  | 67.17      | 62.10 | 72.19  | 66.96      | 61.88 | 72.01  |

TABLE 1. LIFE TABLE FOR THE TOTAL POPULATION: MONTANA, 1979-81

| AGE IN YEARS                                 | PROPORTION DYING                                                          | OF 100,000 BORN ALIVE                     |                                 | STATIONARY POPULATION |                                              | AVERAGE REMAINING LIFETIME                                            |
|----------------------------------------------|---------------------------------------------------------------------------|-------------------------------------------|---------------------------------|-----------------------|----------------------------------------------|-----------------------------------------------------------------------|
| PERIOD OF LIFE BETWEEN TWO EXACT AGES STATED | PROPORTION OF PERSONS ALIVE AT BEGINNING OF YEAR OF AGE DYING DURING YEAR | NUMBER LIVING AT BEGINNING OF YEAR OF AGE | NUMBER DYING DURING YEAR OF AGE | IN YEAR OF AGE        | IN THIS YEAR OF AGE AND ALL SUBSEQUENT YEARS | AVERAGE NUMBER OF YEARS OF LIFE REMAINING AT BEGINNING OF YEAR OF AGE |
| (1)                                          | (2)                                                                       | (3)                                       | (4)                             | (5)                   | (6)                                          | (7)                                                                   |
| $x$ to $x+1$                                 | $q_x$                                                                     | $l_x$                                     | $d_x$                           | $L_x$                 | $T_x$                                        | $e_x$                                                                 |
| 0-1.....                                     | .01131                                                                    | 100,000                                   | 1,131                           | 99,108                | 7,393,318                                    | 73.93                                                                 |
| 1-2.....                                     | .00086                                                                    | 98,869                                    | 85                              | 98,826                | 7,294,210                                    | 73.78                                                                 |
| 2-3.....                                     | .00071                                                                    | 98,784                                    | 70                              | 98,749                | 7,195,384                                    | 72.84                                                                 |
| 3-4.....                                     | .00059                                                                    | 98,714                                    | 58                              | 98,685                | 7,096,635                                    | 71.89                                                                 |
| 4-5.....                                     | .00049                                                                    | 98,656                                    | 49                              | 98,631                | 6,997,950                                    | 70.93                                                                 |
| 5-6.....                                     | .00041                                                                    | 98,607                                    | 40                              | 98,587                | 6,899,319                                    | 69.97                                                                 |
| 6-7.....                                     | .00038                                                                    | 98,567                                    | 38                              | 98,547                | 6,800,732                                    | 69.00                                                                 |
| 7-8.....                                     | .00036                                                                    | 98,529                                    | 35                              | 98,512                | 6,702,185                                    | 68.02                                                                 |
| 8-9.....                                     | .00031                                                                    | 98,494                                    | 31                              | 98,478                | 6,603,673                                    | 67.05                                                                 |
| 9-10.....                                    | .00025                                                                    | 98,463                                    | 25                              | 98,450                | 6,505,195                                    | 66.07                                                                 |
| 10-11.....                                   | .00020                                                                    | 98,438                                    | 20                              | 98,429                | 6,406,745                                    | 65.08                                                                 |
| 11-12.....                                   | .00020                                                                    | 98,418                                    | 19                              | 98,408                | 6,308,316                                    | 64.10                                                                 |
| 12-13.....                                   | .00031                                                                    | 98,399                                    | 30                              | 98,384                | 6,209,908                                    | 63.11                                                                 |
| 13-14.....                                   | .00053                                                                    | 98,369                                    | 53                              | 98,342                | 6,111,524                                    | 62.13                                                                 |
| 14-15.....                                   | .00082                                                                    | 98,316                                    | 80                              | 98,276                | 6,013,182                                    | 61.16                                                                 |
| 15-16.....                                   | .00111                                                                    | 98,236                                    | 109                             | 98,182                | 5,914,906                                    | 60.21                                                                 |
| 16-17.....                                   | .00135                                                                    | 98,127                                    | 133                             | 98,060                | 5,816,724                                    | 59.28                                                                 |
| 17-18.....                                   | .00152                                                                    | 97,994                                    | 149                             | 97,920                | 5,718,664                                    | 58.36                                                                 |
| 18-19.....                                   | .00161                                                                    | 97,845                                    | 158                             | 97,766                | 5,620,744                                    | 57.45                                                                 |
| 19-20.....                                   | .00165                                                                    | 97,687                                    | 161                             | 97,606                | 5,522,978                                    | 56.54                                                                 |
| 20-21.....                                   | .00167                                                                    | 97,526                                    | 163                             | 97,445                | 5,425,372                                    | 55.63                                                                 |
| 21-22.....                                   | .00170                                                                    | 97,363                                    | 166                             | 97,280                | 5,327,927                                    | 54.72                                                                 |
| 22-23.....                                   | .00170                                                                    | 97,197                                    | 165                             | 97,114                | 5,230,647                                    | 53.81                                                                 |
| 23-24.....                                   | .00167                                                                    | 97,032                                    | 163                             | 96,951                | 5,133,533                                    | 52.91                                                                 |
| 24-25.....                                   | .00162                                                                    | 96,869                                    | 156                             | 96,791                | 5,036,582                                    | 51.99                                                                 |
| 25-26.....                                   | .00155                                                                    | 96,713                                    | 150                             | 96,637                | 4,939,791                                    | 51.08                                                                 |
| 26-27.....                                   | .00149                                                                    | 96,563                                    | 144                             | 96,491                | 4,843,154                                    | 50.16                                                                 |
| 27-28.....                                   | .00145                                                                    | 96,419                                    | 139                             | 96,349                | 4,746,663                                    | 49.23                                                                 |
| 28-29.....                                   | .00144                                                                    | 96,280                                    | 140                             | 96,210                | 4,650,314                                    | 48.30                                                                 |
| 29-30.....                                   | .00147                                                                    | 96,140                                    | 141                             | 96,070                | 4,554,104                                    | 47.37                                                                 |
| 30-31.....                                   | .00152                                                                    | 95,999                                    | 146                             | 95,926                | 4,458,034                                    | 46.44                                                                 |
| 31-32.....                                   | .00156                                                                    | 95,853                                    | 149                             | 95,778                | 4,362,108                                    | 45.51                                                                 |
| 32-33.....                                   | .00160                                                                    | 95,704                                    | 154                             | 95,627                | 4,266,330                                    | 44.58                                                                 |
| 33-34.....                                   | .00165                                                                    | 95,550                                    | 157                             | 95,472                | 4,170,703                                    | 43.65                                                                 |
| 34-35.....                                   | .00170                                                                    | 95,393                                    | 162                             | 95,312                | 4,075,231                                    | 42.72                                                                 |
| 35-36.....                                   | .00176                                                                    | 95,231                                    | 167                             | 95,148                | 3,979,919                                    | 41.79                                                                 |
| 36-37.....                                   | .00184                                                                    | 95,064                                    | 175                             | 94,976                | 3,884,771                                    | 40.86                                                                 |
| 37-38.....                                   | .00195                                                                    | 94,889                                    | 185                             | 94,796                | 3,789,795                                    | 39.94                                                                 |
| 38-39.....                                   | .00207                                                                    | 94,704                                    | 196                             | 94,606                | 3,694,999                                    | 39.02                                                                 |
| 39-40.....                                   | .00221                                                                    | 94,508                                    | 209                             | 94,404                | 3,600,393                                    | 38.10                                                                 |
| 40-41.....                                   | .00238                                                                    | 94,299                                    | 224                             | 94,187                | 3,505,989                                    | 37.18                                                                 |
| 41-42.....                                   | .00257                                                                    | 94,075                                    | 242                             | 93,954                | 3,411,802                                    | 36.27                                                                 |
| 42-43.....                                   | .00277                                                                    | 93,833                                    | 260                             | 93,704                | 3,317,848                                    | 35.36                                                                 |
| 43-44.....                                   | .00298                                                                    | 93,573                                    | 279                             | 93,434                | 3,224,144                                    | 34.46                                                                 |
| 44-45.....                                   | .00321                                                                    | 93,294                                    | 299                             | 93,144                | 3,130,710                                    | 33.56                                                                 |
| 45-46.....                                   | .00346                                                                    | 92,995                                    | 322                             | 92,834                | 3,037,566                                    | 32.66                                                                 |
| 46-47.....                                   | .00376                                                                    | 92,673                                    | 348                             | 92,499                | 2,944,732                                    | 31.78                                                                 |
| 47-48.....                                   | .00410                                                                    | 92,325                                    | 379                             | 92,135                | 2,852,233                                    | 30.89                                                                 |
| 48-49.....                                   | .00450                                                                    | 91,946                                    | 414                             | 91,740                | 2,760,098                                    | 30.02                                                                 |
| 49-50.....                                   | .00494                                                                    | 91,532                                    | 452                             | 91,305                | 2,668,358                                    | 29.15                                                                 |
| 50-51.....                                   | .00542                                                                    | 91,080                                    | 494                             | 90,833                | 2,577,053                                    | 28.29                                                                 |
| 51-52.....                                   | .00591                                                                    | 90,586                                    | 535                             | 90,319                | 2,486,220                                    | 27.45                                                                 |
| 52-53.....                                   | .00641                                                                    | 90,051                                    | 577                             | 89,762                | 2,395,901                                    | 26.61                                                                 |
| 53-54.....                                   | .00692                                                                    | 89,474                                    | 619                             | 89,165                | 2,306,139                                    | 25.77                                                                 |
| 54-55.....                                   | .00748                                                                    | 88,855                                    | 665                             | 88,522                | 2,216,974                                    | 24.95                                                                 |

TABLE 1. LIFE TABLE FOR THE TOTAL POPULATION: MONTANA, 1979-81—CGN.

| AGE IN YEARS                                 | PROPORTION DYING                                                          | OF 100,000 BORN ALIVE                     |                                 | STATIONARY POPULATION |                                              | AVERAGE REMAINING LIFETIME                                            |
|----------------------------------------------|---------------------------------------------------------------------------|-------------------------------------------|---------------------------------|-----------------------|----------------------------------------------|-----------------------------------------------------------------------|
| PERIOD OF LIFE BETWEEN TWO EXACT AGES STATED | PROPORTION OF PERSONS ALIVE AT BEGINNING OF YEAR OF AGE DYING DURING YEAR | NUMBER LIVING AT BEGINNING OF YEAR OF AGE | NUMBER DYING DURING YEAR OF AGE | IN YEAR OF AGE        | IN THIS YEAR OF AGE AND ALL SUBSEQUENT YEARS | AVERAGE NUMBER OF YEARS OF LIFE REMAINING AT BEGINNING OF YEAR OF AGE |
| (1)                                          | (2)                                                                       | (3)                                       | (4)                             | (5)                   | (6)                                          | (7)                                                                   |
| $x$ to $x+1$                                 | $q_x$                                                                     | $l_x$                                     | $d_x$                           | $L_x$                 | $T_x$                                        | $e_x$                                                                 |
| 55-56.....                                   | .00804                                                                    | 88,190                                    | 709                             | 87,836                | 2,128,452                                    | 24.13                                                                 |
| 56-57.....                                   | .00869                                                                    | 87,481                                    | 760                             | 87,101                | 2,040,616                                    | 23.33                                                                 |
| 57-58.....                                   | .00952                                                                    | 86,721                                    | 825                             | 86,308                | 1,953,515                                    | 22.53                                                                 |
| 58-59.....                                   | .01058                                                                    | 85,896                                    | 909                             | 85,442                | 1,867,207                                    | 21.74                                                                 |
| 59-60.....                                   | .01182                                                                    | 84,987                                    | 1,005                           | 84,484                | 1,781,765                                    | 20.97                                                                 |
| 60-61.....                                   | .01314                                                                    | 83,982                                    | 1,104                           | 83,430                | 1,697,281                                    | 20.21                                                                 |
| 61-62.....                                   | .01448                                                                    | 82,878                                    | 1,200                           | 82,279                | 1,613,851                                    | 19.47                                                                 |
| 62-63.....                                   | .01582                                                                    | 81,678                                    | 1,292                           | 81,032                | 1,531,572                                    | 18.75                                                                 |
| 63-64.....                                   | .01715                                                                    | 80,386                                    | 1,379                           | 79,696                | 1,450,540                                    | 18.04                                                                 |
| 64-65.....                                   | .01851                                                                    | 79,007                                    | 1,462                           | 78,276                | 1,370,844                                    | 17.35                                                                 |
| 65-66.....                                   | .01996                                                                    | 77,545                                    | 1,548                           | 76,771                | 1,292,568                                    | 16.67                                                                 |
| 66-67.....                                   | .02152                                                                    | 75,997                                    | 1,635                           | 75,179                | 1,215,797                                    | 16.00                                                                 |
| 67-68.....                                   | .02318                                                                    | 74,362                                    | 1,724                           | 73,500                | 1,140,618                                    | 15.34                                                                 |
| 68-69.....                                   | .02499                                                                    | 72,638                                    | 1,815                           | 71,730                | 1,067,118                                    | 14.69                                                                 |
| 69-70.....                                   | .02698                                                                    | 70,823                                    | 1,911                           | 69,868                | 995,388                                      | 14.05                                                                 |
| 70-71.....                                   | .02917                                                                    | 68,912                                    | 2,010                           | 67,907                | 925,520                                      | 13.43                                                                 |
| 71-72.....                                   | .03161                                                                    | 66,902                                    | 2,115                           | 65,844                | 857,613                                      | 12.82                                                                 |
| 72-73.....                                   | .03442                                                                    | 64,787                                    | 2,230                           | 63,672                | 791,769                                      | 12.22                                                                 |
| 73-74.....                                   | .03765                                                                    | 62,557                                    | 2,355                           | 61,380                | 728,097                                      | 11.64                                                                 |
| 74-75.....                                   | .04127                                                                    | 60,202                                    | 2,484                           | 58,960                | 666,717                                      | 11.07                                                                 |
| 75-76.....                                   | .04538                                                                    | 57,718                                    | 2,620                           | 56,408                | 607,757                                      | 10.53                                                                 |
| 76-77.....                                   | .04991                                                                    | 55,098                                    | 2,750                           | 53,723                | 551,349                                      | 10.01                                                                 |
| 77-78.....                                   | .05454                                                                    | 52,348                                    | 2,855                           | 50,921                | 497,626                                      | 9.51                                                                  |
| 78-79.....                                   | .05908                                                                    | 49,493                                    | 2,924                           | 48,031                | 446,705                                      | 9.03                                                                  |
| 79-80.....                                   | .06363                                                                    | 46,569                                    | 2,963                           | 45,087                | 398,674                                      | 8.56                                                                  |
| 80-81.....                                   | .06843                                                                    | 43,606                                    | 2,984                           | 42,114                | 353,587                                      | 8.11                                                                  |
| 81-82.....                                   | .07391                                                                    | 40,622                                    | 3,003                           | 39,121                | 311,473                                      | 7.67                                                                  |
| 82-83.....                                   | .08021                                                                    | 37,619                                    | 3,017                           | 36,111                | 272,352                                      | 7.24                                                                  |
| 83-84.....                                   | .08740                                                                    | 34,602                                    | 3,024                           | 33,090                | 236,241                                      | 6.83                                                                  |
| 84-85.....                                   | .09519                                                                    | 31,578                                    | 3,006                           | 30,074                | 203,151                                      | 6.43                                                                  |
| 85-86.....                                   | .10326                                                                    | 28,572                                    | 2,951                           | 27,097                | 173,077                                      | 6.06                                                                  |
| 86-87.....                                   | .11166                                                                    | 25,621                                    | 2,861                           | 24,191                | 145,980                                      | 5.70                                                                  |
| 87-88.....                                   | .12087                                                                    | 22,760                                    | 2,751                           | 21,385                | 121,789                                      | 5.35                                                                  |
| 88-89.....                                   | .13145                                                                    | 20,009                                    | 2,630                           | 18,694                | 100,404                                      | 5.02                                                                  |
| 89-90.....                                   | .14371                                                                    | 17,379                                    | 2,497                           | 16,130                | 81,710                                       | 4.70                                                                  |
| 90-91.....                                   | .15805                                                                    | 14,882                                    | 2,352                           | 13,706                | 65,580                                       | 4.41                                                                  |
| 91-92.....                                   | .17352                                                                    | 12,530                                    | 2,174                           | 11,443                | 51,874                                       | 4.14                                                                  |
| 92-93.....                                   | .18879                                                                    | 10,356                                    | 1,955                           | 9,378                 | 40,431                                       | 3.90                                                                  |
| 93-94.....                                   | .20280                                                                    | 8,401                                     | 1,704                           | 7,548                 | 31,053                                       | 3.70                                                                  |
| 94-95.....                                   | .21607                                                                    | 6,697                                     | 1,447                           | 5,974                 | 23,505                                       | 3.51                                                                  |
| 95-96.....                                   | .22976                                                                    | 5,250                                     | 1,206                           | 4,646                 | 17,531                                       | 3.34                                                                  |
| 96-97.....                                   | .24338                                                                    | 4,044                                     | 985                             | 3,552                 | 12,885                                       | 3.19                                                                  |
| 97-98.....                                   | .25637                                                                    | 3,059                                     | 784                             | 2,667                 | 9,333                                        | 3.05                                                                  |
| 98-99.....                                   | .26868                                                                    | 2,275                                     | 611                             | 1,970                 | 6,666                                        | 2.93                                                                  |
| 99-100.....                                  | .28030                                                                    | 1,664                                     | 467                             | 1,430                 | 4,696                                        | 2.82                                                                  |
| 100-101.....                                 | .29120                                                                    | 1,197                                     | 348                             | 1,024                 | 3,266                                        | 2.73                                                                  |
| 101-102.....                                 | .30139                                                                    | 849                                       | 256                             | 720                   | 2,242                                        | 2.64                                                                  |
| 102-103.....                                 | .31089                                                                    | 593                                       | 184                             | 501                   | 1,522                                        | 2.57                                                                  |
| 103-104.....                                 | .31970                                                                    | 409                                       | 131                             | 343                   | 1,021                                        | 2.50                                                                  |
| 104-105.....                                 | .32786                                                                    | 278                                       | 91                              | 233                   | 678                                          | 2.44                                                                  |
| 105-106.....                                 | .33539                                                                    | 187                                       | 63                              | 155                   | 445                                          | 2.38                                                                  |
| 106-107.....                                 | .34233                                                                    | 124                                       | 42                              | 103                   | 290                                          | 2.33                                                                  |
| 107-108.....                                 | .34870                                                                    | 82                                        | 29                              | 68                    | 187                                          | 2.29                                                                  |
| 108-109.....                                 | .35453                                                                    | 53                                        | 19                              | 43                    | 119                                          | 2.24                                                                  |
| 109-110.....                                 | .35988                                                                    | 34                                        | 12                              | 29                    | 76                                           | 2.20                                                                  |

TABLE 2. LIFE TABLE FOR MALES: MONTANA, 1979-81

| AGE IN YEARS                                 | PROPORTION DYING                                                          | OF 100,000 BORN ALIVE                     |                                 | STATIONARY POPULATION |                                              | AVERAGE REMAINING LIFETIME                                            |
|----------------------------------------------|---------------------------------------------------------------------------|-------------------------------------------|---------------------------------|-----------------------|----------------------------------------------|-----------------------------------------------------------------------|
| PERIOD OF LIFE BETWEEN TWO EXACT AGES STATED | PROPORTION OF PERSONS ALIVE AT BEGINNING OF YEAR OF AGE DYING DURING YEAR | NUMBER LIVING AT BEGINNING OF YEAR OF AGE | NUMBER DYING DURING YEAR OF AGE | IN YEAR OF AGE        | IN THIS YEAR OF AGE AND ALL SUBSEQUENT YEARS | AVERAGE NUMBER OF YEARS OF LIFE REMAINING AT BEGINNING OF YEAR OF AGE |
| (1)                                          | (2)                                                                       | (3)                                       | (4)                             | (5)                   | (6)                                          | (7)                                                                   |
| $x$ to $x+1$                                 | $q_x$                                                                     | $l_x$                                     | $d_x$                           | $L_x$                 | $T_x$                                        | $e_x$                                                                 |
| 0-1.....                                     | .01153                                                                    | 100,000                                   | 1,153                           | 99,102                | 7,046,584                                    | 70.47                                                                 |
| 1-2.....                                     | .00095                                                                    | 98,847                                    | 94                              | 98,801                | 6,947,482                                    | 70.29                                                                 |
| 2-3.....                                     | .00076                                                                    | 98,753                                    | 75                              | 98,715                | 6,848,681                                    | 69.35                                                                 |
| 3-4.....                                     | .00068                                                                    | 98,678                                    | 67                              | 98,644                | 6,749,966                                    | 68.40                                                                 |
| 4-5.....                                     | .00059                                                                    | 98,611                                    | 58                              | 98,582                | 6,651,322                                    | 67.45                                                                 |
| 5-6.....                                     | .00047                                                                    | 98,553                                    | 47                              | 98,530                | 6,552,740                                    | 66.49                                                                 |
| 6-7.....                                     | .00046                                                                    | 98,506                                    | 45                              | 98,483                | 6,454,210                                    | 65.52                                                                 |
| 7-8.....                                     | .00044                                                                    | 98,461                                    | 43                              | 98,440                | 6,355,727                                    | 64.55                                                                 |
| 8-9.....                                     | .00040                                                                    | 98,418                                    | 40                              | 98,398                | 6,257,287                                    | 63.58                                                                 |
| 9-10.....                                    | .00033                                                                    | 98,378                                    | 32                              | 98,362                | 6,158,889                                    | 62.60                                                                 |
| 10-11.....                                   | .00027                                                                    | 98,346                                    | 27                              | 98,332                | 6,060,527                                    | 61.62                                                                 |
| 11-12.....                                   | .00028                                                                    | 98,319                                    | 27                              | 98,306                | 5,962,195                                    | 60.64                                                                 |
| 12-13.....                                   | .00044                                                                    | 98,292                                    | 43                              | 98,270                | 5,863,889                                    | 59.66                                                                 |
| 13-14.....                                   | .00076                                                                    | 98,249                                    | 75                              | 98,212                | 5,765,619                                    | 58.68                                                                 |
| 14-15.....                                   | .00116                                                                    | 98,174                                    | 113                             | 98,117                | 5,667,407                                    | 57.73                                                                 |
| 15-16.....                                   | .00156                                                                    | 98,061                                    | 153                             | 97,984                | 5,569,290                                    | 56.79                                                                 |
| 16-17.....                                   | .00189                                                                    | 97,908                                    | 185                             | 97,816                | 5,471,306                                    | 55.88                                                                 |
| 17-18.....                                   | .00212                                                                    | 97,723                                    | 208                             | 97,619                | 5,373,490                                    | 54.99                                                                 |
| 18-19.....                                   | .00226                                                                    | 97,515                                    | 220                             | 97,405                | 5,275,871                                    | 54.10                                                                 |
| 19-20.....                                   | .00232                                                                    | 97,295                                    | 226                             | 97,183                | 5,178,466                                    | 53.22                                                                 |
| 20-21.....                                   | .00237                                                                    | 97,069                                    | 230                             | 96,954                | 5,081,283                                    | 52.35                                                                 |
| 21-22.....                                   | .00243                                                                    | 96,839                                    | 235                             | 96,722                | 4,984,329                                    | 51.47                                                                 |
| 22-23.....                                   | .00245                                                                    | 96,604                                    | 237                             | 96,485                | 4,887,607                                    | 50.59                                                                 |
| 23-24.....                                   | .00242                                                                    | 96,367                                    | 233                             | 96,251                | 4,791,122                                    | 49.72                                                                 |
| 24-25.....                                   | .00237                                                                    | 96,134                                    | 228                             | 96,020                | 4,694,871                                    | 48.84                                                                 |
| 25-26.....                                   | .00229                                                                    | 95,906                                    | 219                             | 95,797                | 4,598,851                                    | 47.95                                                                 |
| 26-27.....                                   | .00221                                                                    | 95,687                                    | 212                             | 95,580                | 4,503,054                                    | 47.06                                                                 |
| 27-28.....                                   | .00216                                                                    | 95,475                                    | 206                             | 95,372                | 4,407,474                                    | 46.16                                                                 |
| 28-29.....                                   | .00214                                                                    | 95,269                                    | 204                             | 95,167                | 4,312,102                                    | 45.26                                                                 |
| 29-30.....                                   | .00215                                                                    | 95,065                                    | 204                             | 94,963                | 4,216,935                                    | 44.36                                                                 |
| 30-31.....                                   | .00217                                                                    | 94,861                                    | 206                             | 94,759                | 4,121,972                                    | 43.45                                                                 |
| 31-32.....                                   | .00218                                                                    | 94,655                                    | 206                             | 94,552                | 4,027,213                                    | 42.55                                                                 |
| 32-33.....                                   | .00220                                                                    | 94,449                                    | 208                             | 94,345                | 3,932,661                                    | 41.64                                                                 |
| 33-34.....                                   | .00223                                                                    | 94,241                                    | 210                             | 94,136                | 3,838,316                                    | 40.73                                                                 |
| 34-35.....                                   | .00226                                                                    | 94,031                                    | 212                             | 93,925                | 3,744,180                                    | 39.82                                                                 |
| 35-36.....                                   | .00231                                                                    | 93,819                                    | 217                             | 93,710                | 3,650,255                                    | 38.91                                                                 |
| 36-37.....                                   | .00238                                                                    | 93,602                                    | 223                             | 93,491                | 3,556,545                                    | 38.00                                                                 |
| 37-38.....                                   | .00248                                                                    | 93,379                                    | 232                             | 93,263                | 3,463,054                                    | 37.09                                                                 |
| 38-39.....                                   | .00261                                                                    | 93,147                                    | 242                             | 93,026                | 3,369,791                                    | 36.18                                                                 |
| 39-40.....                                   | .00276                                                                    | 92,905                                    | 257                             | 92,776                | 3,276,765                                    | 35.27                                                                 |
| 40-41.....                                   | .00296                                                                    | 92,648                                    | 275                             | 92,511                | 3,183,989                                    | 34.37                                                                 |
| 41-42.....                                   | .00319                                                                    | 92,373                                    | 295                             | 92,225                | 3,091,478                                    | 33.47                                                                 |
| 42-43.....                                   | .00344                                                                    | 92,078                                    | 316                             | 91,920                | 2,999,253                                    | 32.57                                                                 |
| 43-44.....                                   | .00369                                                                    | 91,762                                    | 339                             | 91,592                | 2,907,333                                    | 31.68                                                                 |
| 44-45.....                                   | .00396                                                                    | 91,423                                    | 363                             | 91,242                | 2,815,741                                    | 30.80                                                                 |
| 45-46.....                                   | .00426                                                                    | 91,060                                    | 388                             | 90,866                | 2,724,499                                    | 29.92                                                                 |
| 46-47.....                                   | .00463                                                                    | 90,672                                    | 420                             | 90,462                | 2,633,633                                    | 29.05                                                                 |
| 47-48.....                                   | .00509                                                                    | 90,252                                    | 459                             | 90,023                | 2,543,171                                    | 28.18                                                                 |
| 48-49.....                                   | .00566                                                                    | 89,793                                    | 509                             | 89,538                | 2,453,148                                    | 27.32                                                                 |
| 49-50.....                                   | .00631                                                                    | 89,284                                    | 563                             | 89,002                | 2,363,610                                    | 26.47                                                                 |
| 50-51.....                                   | .00701                                                                    | 88,721                                    | 622                             | 88,410                | 2,274,608                                    | 25.64                                                                 |
| 51-52.....                                   | .00772                                                                    | 88,099                                    | 681                             | 87,758                | 2,186,198                                    | 24.82                                                                 |
| 52-53.....                                   | .00844                                                                    | 87,418                                    | 737                             | 87,050                | 2,098,440                                    | 24.00                                                                 |
| 53-54.....                                   | .00916                                                                    | 86,681                                    | 794                             | 86,284                | 2,011,390                                    | 23.20                                                                 |
| 54-55.....                                   | .00991                                                                    | 85,887                                    | 852                             | 85,461                | 1,925,106                                    | 22.41                                                                 |

TABLE 2. LIFE TABLE FOR MALES: MONTANA, 1979-81--CON.

| AGE IN YEARS                                 | PROPORTION DYING                                                          | OF 100,000 BORN ALIVE                     |                                 | STATIONARY POPULATION |                                              | AVERAGE REMAINING LIFETIME                                            |
|----------------------------------------------|---------------------------------------------------------------------------|-------------------------------------------|---------------------------------|-----------------------|----------------------------------------------|-----------------------------------------------------------------------|
| PERIOD OF LIFE BETWEEN TWO EXACT AGES STATED | PROPORTION OF PERSONS ALIVE AT BEGINNING OF YEAR OF AGE DYING DURING YEAR | NUMBER LIVING AT BEGINNING OF YEAR OF AGE | NUMBER DYING DURING YEAR OF AGE | IN YEAR OF AGE        | IN THIS YEAR OF AGE AND ALL SUBSEQUENT YEARS | AVERAGE NUMBER OF YEARS OF LIFE REMAINING AT BEGINNING OF YEAR OF AGE |
| (1)                                          | (2)                                                                       | (3)                                       | (4)                             | (5)                   | (6)                                          | (7)                                                                   |
| $x$ to $x+1$                                 | $q_x$                                                                     | $l_x$                                     | $d_x$                           | $L_x$                 | $T_x$                                        | $e_x$                                                                 |
| 55-56.....                                   | .01069                                                                    | 85,035                                    | 909                             | 84,581                | 1,839,645                                    | 21.63                                                                 |
| 56-57.....                                   | .01156                                                                    | 84,126                                    | 972                             | 83,639                | 1,755,064                                    | 20.86                                                                 |
| 57-58.....                                   | .01262                                                                    | 83,154                                    | 1,050                           | 82,629                | 1,671,425                                    | 20.10                                                                 |
| 58-59.....                                   | .01391                                                                    | 82,104                                    | 1,142                           | 81,534                | 1,588,796                                    | 19.35                                                                 |
| 59-60.....                                   | .01540                                                                    | 80,962                                    | 1,246                           | 80,338                | 1,507,262                                    | 18.62                                                                 |
| 60-61.....                                   | .01697                                                                    | 79,716                                    | 1,353                           | 79,040                | 1,426,924                                    | 17.90                                                                 |
| 61-62.....                                   | .01858                                                                    | 78,363                                    | 1,457                           | 77,634                | 1,347,884                                    | 17.20                                                                 |
| 62-63.....                                   | .02024                                                                    | 76,906                                    | 1,557                           | 76,128                | 1,270,250                                    | 16.52                                                                 |
| 63-64.....                                   | .02196                                                                    | 75,349                                    | 1,654                           | 74,522                | 1,194,122                                    | 15.85                                                                 |
| 64-65.....                                   | .02377                                                                    | 73,695                                    | 1,752                           | 72,819                | 1,119,600                                    | 15.19                                                                 |
| 65-66.....                                   | .02570                                                                    | 71,943                                    | 1,849                           | 71,019                | 1,046,781                                    | 14.55                                                                 |
| 66-67.....                                   | .02779                                                                    | 70,094                                    | 1,948                           | 69,120                | 975,762                                      | 13.92                                                                 |
| 67-68.....                                   | .03010                                                                    | 68,146                                    | 2,051                           | 67,121                | 906,642                                      | 13.30                                                                 |
| 68-69.....                                   | .03269                                                                    | 66,095                                    | 2,161                           | 65,015                | 839,521                                      | 12.70                                                                 |
| 69-70.....                                   | .03560                                                                    | 63,934                                    | 2,276                           | 62,796                | 774,506                                      | 12.11                                                                 |
| 70-71.....                                   | .03881                                                                    | 61,658                                    | 2,392                           | 60,462                | 711,710                                      | 11.54                                                                 |
| 71-72.....                                   | .04234                                                                    | 59,266                                    | 2,509                           | 58,012                | 651,248                                      | 10.99                                                                 |
| 72-73.....                                   | .04625                                                                    | 56,757                                    | 2,625                           | 55,444                | 593,236                                      | 10.45                                                                 |
| 73-74.....                                   | .05055                                                                    | 54,132                                    | 2,737                           | 52,763                | 537,792                                      | 9.93                                                                  |
| 74-75.....                                   | .05528                                                                    | 51,395                                    | 2,841                           | 49,975                | 485,029                                      | 9.44                                                                  |
| 75-76.....                                   | .06071                                                                    | 48,554                                    | 2,948                           | 47,080                | 435,054                                      | 8.96                                                                  |
| 76-77.....                                   | .06677                                                                    | 45,606                                    | 3,045                           | 44,084                | 387,974                                      | 8.51                                                                  |
| 77-78.....                                   | .07289                                                                    | 42,561                                    | 3,102                           | 41,010                | 343,890                                      | 8.08                                                                  |
| 78-79.....                                   | .07869                                                                    | 39,459                                    | 3,105                           | 37,907                | 302,880                                      | 7.68                                                                  |
| 79-80.....                                   | .08426                                                                    | 36,354                                    | 3,063                           | 34,822                | 264,973                                      | 7.29                                                                  |
| 80-81.....                                   | .09024                                                                    | 33,291                                    | 3,005                           | 31,788                | 230,151                                      | 6.91                                                                  |
| 81-82.....                                   | .09726                                                                    | 30,286                                    | 2,945                           | 28,814                | 198,363                                      | 6.55                                                                  |
| 82-83.....                                   | .10502                                                                    | 27,341                                    | 2,871                           | 25,905                | 169,549                                      | 6.20                                                                  |
| 83-84.....                                   | .11323                                                                    | 24,470                                    | 2,771                           | 23,085                | 143,644                                      | 5.87                                                                  |
| 84-85.....                                   | .12141                                                                    | 21,699                                    | 2,634                           | 20,381                | 120,559                                      | 5.56                                                                  |
| 85-86.....                                   | .12940                                                                    | 19,065                                    | 2,467                           | 17,831                | 100,178                                      | 5.25                                                                  |
| 86-87.....                                   | .13771                                                                    | 16,598                                    | 2,286                           | 15,455                | 82,347                                       | 4.96                                                                  |
| 87-88.....                                   | .14714                                                                    | 14,312                                    | 2,106                           | 13,259                | 66,892                                       | 4.67                                                                  |
| 88-89.....                                   | .15848                                                                    | 12,206                                    | 1,934                           | 11,239                | 53,633                                       | 4.39                                                                  |
| 89-90.....                                   | .17179                                                                    | 10,272                                    | 1,765                           | 9,390                 | 42,394                                       | 4.13                                                                  |
| 90-91.....                                   | .18670                                                                    | 8,507                                     | 1,588                           | 7,713                 | 33,004                                       | 3.88                                                                  |
| 91-92.....                                   | .20215                                                                    | 6,919                                     | 1,399                           | 6,219                 | 25,291                                       | 3.66                                                                  |
| 92-93.....                                   | .21773                                                                    | 5,520                                     | 1,202                           | 4,919                 | 19,072                                       | 3.45                                                                  |
| 93-94.....                                   | .23276                                                                    | 4,318                                     | 1,005                           | 3,816                 | 14,153                                       | 3.28                                                                  |
| 94-95.....                                   | .24724                                                                    | 3,313                                     | 819                             | 2,904                 | 10,337                                       | 3.12                                                                  |
| 95-96.....                                   | .26149                                                                    | 2,494                                     | 652                             | 2,168                 | 7,433                                        | 2.98                                                                  |
| 96-97.....                                   | .27438                                                                    | 1,842                                     | 506                             | 1,589                 | 5,265                                        | 2.86                                                                  |
| 97-98.....                                   | .28654                                                                    | 1,336                                     | 382                             | 1,145                 | 3,676                                        | 2.75                                                                  |
| 98-99.....                                   | .29797                                                                    | 954                                       | 285                             | 811                   | 2,531                                        | 2.65                                                                  |
| 99-100.....                                  | .30867                                                                    | 669                                       | 206                             | 566                   | 1,720                                        | 2.57                                                                  |
| 100-101.....                                 | .31865                                                                    | 463                                       | 148                             | 389                   | 1,154                                        | 2.49                                                                  |
| 101-102.....                                 | .32792                                                                    | 315                                       | 103                             | 264                   | 765                                          | 2.43                                                                  |
| 102-103.....                                 | .33650                                                                    | 212                                       | 71                              | 176                   | 501                                          | 2.36                                                                  |
| 103-104.....                                 | .34443                                                                    | 141                                       | 49                              | 117                   | 325                                          | 2.31                                                                  |
| 104-105.....                                 | .35174                                                                    | 92                                        | 32                              | 76                    | 208                                          | 2.26                                                                  |
| 105-106.....                                 | .35845                                                                    | 60                                        | 22                              | 49                    | 132                                          | 2.22                                                                  |
| 106-107.....                                 | .36461                                                                    | 38                                        | 14                              | 31                    | 83                                           | 2.18                                                                  |
| 107-108.....                                 | .37024                                                                    | 24                                        | 9                               | 20                    | 52                                           | 2.14                                                                  |
| 108-109.....                                 | .37539                                                                    | 15                                        | 5                               | 12                    | 32                                           | 2.10                                                                  |
| 109-110.....                                 | .38009                                                                    | 10                                        | 4                               | 8                     | 20                                           | 2.07                                                                  |

TABLE 3. LIFE TABLE FOR FEMALES: MONTANA, 1979-81

| AGE IN YEARS                                 | PROPORTION DYING                                                          | OF 100,000 BORN ALIVE                     |                                 | STATIONARY POPULATION |                                              | AVERAGE REMAINING LIFETIME                                            |
|----------------------------------------------|---------------------------------------------------------------------------|-------------------------------------------|---------------------------------|-----------------------|----------------------------------------------|-----------------------------------------------------------------------|
| PERIOD OF LIFE BETWEEN TWO EXACT AGES STATED | PROPORTION OF PERSONS ALIVE AT BEGINNING OF YEAR OF AGE DYING DURING YEAR | NUMBER LIVING AT BEGINNING OF YEAR OF AGE | NUMBER DYING DURING YEAR OF AGE | IN YEAR OF AGE        | IN THIS YEAR OF AGE AND ALL SUBSEQUENT YEARS | AVERAGE NUMBER OF YEARS OF LIFE REMAINING AT BEGINNING OF YEAR OF AGE |
| (1)                                          | (2)                                                                       | (3)                                       | (4)                             | (5)                   | (6)                                          | (7)                                                                   |
| $x$ to $x+1$                                 | $q_x$                                                                     | $l_x$                                     | $d_x$                           | $L_x$                 | $T_x$                                        | $e_x$                                                                 |
| 0-1.....                                     | .01109                                                                    | 100,000                                   | 1,109                           | 99,112                | 7,767,580                                    | 77.68                                                                 |
| 1-2.....                                     | .00076                                                                    | 98,891                                    | 75                              | 98,854                | 7,668,468                                    | 77.54                                                                 |
| 2-3.....                                     | .00065                                                                    | 98,816                                    | 64                              | 98,784                | 7,569,614                                    | 76.60                                                                 |
| 3-4.....                                     | .00050                                                                    | 98,752                                    | 49                              | 98,728                | 7,470,830                                    | 75.65                                                                 |
| 4-5.....                                     | .00039                                                                    | 98,703                                    | 39                              | 98,684                | 7,372,102                                    | 74.69                                                                 |
| 5-6.....                                     | .00034                                                                    | 98,664                                    | 34                              | 98,647                | 7,273,418                                    | 73.72                                                                 |
| 6-7.....                                     | .00030                                                                    | 98,630                                    | 30                              | 98,615                | 7,174,771                                    | 72.74                                                                 |
| 7-8.....                                     | .00027                                                                    | 98,600                                    | 26                              | 98,588                | 7,076,156                                    | 71.77                                                                 |
| 8-9.....                                     | .00022                                                                    | 98,574                                    | 22                              | 98,563                | 6,977,568                                    | 70.78                                                                 |
| 9-10.....                                    | .00017                                                                    | 98,552                                    | 17                              | 98,544                | 6,879,005                                    | 69.80                                                                 |
| 10-11.....                                   | .00013                                                                    | 98,535                                    | 12                              | 98,529                | 6,780,461                                    | 68.81                                                                 |
| 11-12.....                                   | .00012                                                                    | 98,523                                    | 12                              | 98,517                | 6,681,932                                    | 67.82                                                                 |
| 12-13.....                                   | .00017                                                                    | 98,511                                    | 16                              | 98,503                | 6,583,415                                    | 66.83                                                                 |
| 13-14.....                                   | .00030                                                                    | 98,495                                    | 30                              | 98,480                | 6,484,912                                    | 65.84                                                                 |
| 14-15.....                                   | .00046                                                                    | 98,465                                    | 45                              | 98,443                | 6,386,432                                    | 64.86                                                                 |
| 15-16.....                                   | .00063                                                                    | 98,420                                    | 62                              | 98,389                | 6,287,989                                    | 63.89                                                                 |
| 16-17.....                                   | .00077                                                                    | 98,358                                    | 76                              | 98,320                | 6,189,600                                    | 62.93                                                                 |
| 17-18.....                                   | .00087                                                                    | 98,282                                    | 86                              | 98,239                | 6,091,280                                    | 61.98                                                                 |
| 18-19.....                                   | .00093                                                                    | 98,196                                    | 91                              | 98,151                | 5,993,041                                    | 61.03                                                                 |
| 19-20.....                                   | .00094                                                                    | 98,105                                    | 92                              | 98,059                | 5,894,890                                    | 60.09                                                                 |
| 20-21.....                                   | .00095                                                                    | 98,013                                    | 93                              | 97,967                | 5,796,831                                    | 59.14                                                                 |
| 21-22.....                                   | .00096                                                                    | 97,920                                    | 94                              | 97,873                | 5,698,864                                    | 58.20                                                                 |
| 22-23.....                                   | .00096                                                                    | 97,826                                    | 94                              | 97,778                | 5,600,991                                    | 57.25                                                                 |
| 23-24.....                                   | .00092                                                                    | 97,732                                    | 90                              | 97,688                | 5,503,213                                    | 56.31                                                                 |
| 24-25.....                                   | .00087                                                                    | 97,642                                    | 85                              | 97,599                | 5,405,525                                    | 55.36                                                                 |
| 25-26.....                                   | .00081                                                                    | 97,557                                    | 79                              | 97,518                | 5,307,926                                    | 54.41                                                                 |
| 26-27.....                                   | .00075                                                                    | 97,478                                    | 73                              | 97,442                | 5,210,408                                    | 53.45                                                                 |
| 27-28.....                                   | .00072                                                                    | 97,405                                    | 71                              | 97,370                | 5,112,966                                    | 52.49                                                                 |
| 28-29.....                                   | .00074                                                                    | 97,334                                    | 71                              | 97,298                | 5,015,596                                    | 51.53                                                                 |
| 29-30.....                                   | .00078                                                                    | 97,263                                    | 76                              | 97,225                | 4,918,298                                    | 50.57                                                                 |
| 30-31.....                                   | .00084                                                                    | 97,187                                    | 82                              | 97,146                | 4,821,073                                    | 49.61                                                                 |
| 31-32.....                                   | .00090                                                                    | 97,105                                    | 87                              | 97,062                | 4,723,927                                    | 48.65                                                                 |
| 32-33.....                                   | .00096                                                                    | 97,018                                    | 93                              | 96,972                | 4,626,865                                    | 47.69                                                                 |
| 33-34.....                                   | .00103                                                                    | 96,925                                    | 100                             | 96,874                | 4,529,893                                    | 46.74                                                                 |
| 34-35.....                                   | .00110                                                                    | 96,825                                    | 106                             | 96,772                | 4,433,019                                    | 45.78                                                                 |
| 35-36.....                                   | .00118                                                                    | 96,719                                    | 115                             | 96,662                | 4,336,247                                    | 44.83                                                                 |
| 36-37.....                                   | .00128                                                                    | 96,604                                    | 124                             | 96,542                | 4,239,585                                    | 43.89                                                                 |
| 37-38.....                                   | .00140                                                                    | 96,480                                    | 134                             | 96,413                | 4,143,043                                    | 42.94                                                                 |
| 38-39.....                                   | .00152                                                                    | 96,346                                    | 146                             | 96,272                | 4,046,630                                    | 42.00                                                                 |
| 39-40.....                                   | .00164                                                                    | 96,200                                    | 159                             | 96,121                | 3,950,358                                    | 41.06                                                                 |
| 40-41.....                                   | .00178                                                                    | 96,041                                    | 171                             | 95,956                | 3,854,237                                    | 40.13                                                                 |
| 41-42.....                                   | .00194                                                                    | 95,870                                    | 186                             | 95,777                | 3,758,281                                    | 39.20                                                                 |
| 42-43.....                                   | .00210                                                                    | 95,684                                    | 201                             | 95,583                | 3,662,504                                    | 38.28                                                                 |
| 43-44.....                                   | .00227                                                                    | 95,483                                    | 217                             | 95,374                | 3,566,921                                    | 37.36                                                                 |
| 44-45.....                                   | .00245                                                                    | 95,266                                    | 234                             | 95,150                | 3,471,547                                    | 36.44                                                                 |
| 45-46.....                                   | .00265                                                                    | 95,032                                    | 252                             | 94,906                | 3,376,397                                    | 35.53                                                                 |
| 46-47.....                                   | .00287                                                                    | 94,780                                    | 272                             | 94,644                | 3,281,491                                    | 34.62                                                                 |
| 47-48.....                                   | .00310                                                                    | 94,508                                    | 293                             | 94,362                | 3,186,847                                    | 33.72                                                                 |
| 48-49.....                                   | .00334                                                                    | 94,215                                    | 315                             | 94,057                | 3,092,485                                    | 32.82                                                                 |
| 49-50.....                                   | .00357                                                                    | 93,900                                    | 335                             | 93,733                | 2,998,428                                    | 31.93                                                                 |
| 50-51.....                                   | .00383                                                                    | 93,565                                    | 359                             | 93,385                | 2,904,695                                    | 31.04                                                                 |
| 51-52.....                                   | .00411                                                                    | 93,206                                    | 384                             | 93,014                | 2,811,310                                    | 30.16                                                                 |
| 52-53.....                                   | .00441                                                                    | 92,822                                    | 409                             | 92,618                | 2,718,296                                    | 29.28                                                                 |
| 53-54.....                                   | .00472                                                                    | 92,413                                    | 436                             | 92,195                | 2,625,678                                    | 28.41                                                                 |
| 54-55.....                                   | .00508                                                                    | 91,977                                    | 467                             | 91,743                | 2,533,483                                    | 27.54                                                                 |

TABLE 3. LIFE TABLE FOR FEMALES: MONTANA, 1979-81—CON.

| AGE IN YEARS                                 | PROPORTION DYING                                                          | OF 100,000 BORN ALIVE                     |                                 | STATIONARY POPULATION |                                              | AVERAGE REMAINING LIFETIME                                            |
|----------------------------------------------|---------------------------------------------------------------------------|-------------------------------------------|---------------------------------|-----------------------|----------------------------------------------|-----------------------------------------------------------------------|
| PERIOD OF LIFE BETWEEN TWO EXACT AGES STATED | PROPORTION OF PERSONS ALIVE AT BEGINNING OF YEAR OF AGE DYING DURING YEAR | NUMBER LIVING AT BEGINNING OF YEAR OF AGE | NUMBER DYING DURING YEAR OF AGE | IN YEAR OF AGE        | IN THIS YEAR OF AGE AND ALL SUBSEQUENT YEARS | AVERAGE NUMBER OF YEARS OF LIFE REMAINING AT BEGINNING OF YEAR OF AGE |
| (1)                                          | (2)                                                                       | (3)                                       | (4)                             | (5)                   | (6)                                          | (7)                                                                   |
| $x$ to $x+1$                                 | $q_x$                                                                     | $l_x$                                     | $d_x$                           | $L_x$                 | $T_x$                                        | $e_x$                                                                 |
| 55-56.....                                   | .00544                                                                    | 91,510                                    | 498                             | 91,261                | 2,441,740                                    | 26.68                                                                 |
| 56-57.....                                   | .00587                                                                    | 91,012                                    | 534                             | 90,745                | 2,350,479                                    | 25.83                                                                 |
| 57-58.....                                   | .00648                                                                    | 90,478                                    | 587                             | 90,185                | 2,259,734                                    | 24.98                                                                 |
| 58-59.....                                   | .00732                                                                    | 89,891                                    | 658                             | 89,562                | 2,169,549                                    | 24.14                                                                 |
| 59-60.....                                   | .00834                                                                    | 89,233                                    | 744                             | 88,861                | 2,079,987                                    | 23.31                                                                 |
| 60-61.....                                   | .00943                                                                    | 88,489                                    | 834                             | 88,073                | 1,991,126                                    | 22.50                                                                 |
| 61-62.....                                   | .01051                                                                    | 87,655                                    | 921                             | 87,194                | 1,903,053                                    | 21.71                                                                 |
| 62-63.....                                   | .01157                                                                    | 86,734                                    | 1,004                           | 86,232                | 1,815,859                                    | 20.94                                                                 |
| 63-64.....                                   | .01257                                                                    | 85,730                                    | 1,078                           | 85,191                | 1,729,627                                    | 20.18                                                                 |
| 64-65.....                                   | .01354                                                                    | 84,652                                    | 1,146                           | 84,079                | 1,644,436                                    | 19.43                                                                 |
| 65-66.....                                   | .01459                                                                    | 83,506                                    | 1,219                           | 82,896                | 1,560,357                                    | 18.69                                                                 |
| 66-67.....                                   | .01573                                                                    | 82,287                                    | 1,294                           | 81,641                | 1,477,461                                    | 17.95                                                                 |
| 67-68.....                                   | .01686                                                                    | 80,993                                    | 1,365                           | 80,310                | 1,395,820                                    | 17.23                                                                 |
| 68-69.....                                   | .01800                                                                    | 79,628                                    | 1,434                           | 78,911                | 1,315,510                                    | 16.52                                                                 |
| 69-70.....                                   | .01921                                                                    | 78,194                                    | 1,502                           | 77,443                | 1,236,599                                    | 15.81                                                                 |
| 70-71.....                                   | .02052                                                                    | 76,692                                    | 1,574                           | 75,905                | 1,159,156                                    | 15.11                                                                 |
| 71-72.....                                   | .02207                                                                    | 75,118                                    | 1,658                           | 74,289                | 1,083,251                                    | 14.42                                                                 |
| 72-73.....                                   | .02403                                                                    | 73,460                                    | 1,765                           | 72,577                | 1,008,962                                    | 13.73                                                                 |
| 73-74.....                                   | .02653                                                                    | 71,695                                    | 1,903                           | 70,744                | 936,385                                      | 13.06                                                                 |
| 74-75.....                                   | .02952                                                                    | 69,792                                    | 2,060                           | 68,762                | 865,641                                      | 12.40                                                                 |
| 75-76.....                                   | .03294                                                                    | 67,732                                    | 2,232                           | 66,616                | 796,879                                      | 11.77                                                                 |
| 76-77.....                                   | .03668                                                                    | 65,500                                    | 2,402                           | 64,299                | 730,263                                      | 11.15                                                                 |
| 77-78.....                                   | .04069                                                                    | 63,098                                    | 2,568                           | 61,814                | 665,964                                      | 10.55                                                                 |
| 78-79.....                                   | .04488                                                                    | 60,530                                    | 2,716                           | 59,172                | 604,150                                      | 9.98                                                                  |
| 79-80.....                                   | .04934                                                                    | 57,814                                    | 2,853                           | 56,388                | 544,978                                      | 9.43                                                                  |
| 80-81.....                                   | .05409                                                                    | 54,961                                    | 2,973                           | 53,474                | 488,590                                      | 8.89                                                                  |
| 81-82.....                                   | .05942                                                                    | 51,988                                    | 3,089                           | 50,444                | 435,116                                      | 8.37                                                                  |
| 82-83.....                                   | .06566                                                                    | 48,899                                    | 3,210                           | 47,294                | 384,672                                      | 7.87                                                                  |
| 83-84.....                                   | .07293                                                                    | 45,689                                    | 3,333                           | 44,023                | 337,378                                      | 7.38                                                                  |
| 84-85.....                                   | .08099                                                                    | 42,356                                    | 3,430                           | 40,641                | 293,355                                      | 6.93                                                                  |
| 85-86.....                                   | .08965                                                                    | 38,926                                    | 3,490                           | 37,181                | 252,714                                      | 6.49                                                                  |
| 86-87.....                                   | .09860                                                                    | 35,436                                    | 3,493                           | 33,689                | 215,533                                      | 6.08                                                                  |
| 87-88.....                                   | .10814                                                                    | 31,943                                    | 3,455                           | 30,216                | 181,844                                      | 5.69                                                                  |
| 88-89.....                                   | .11878                                                                    | 28,488                                    | 3,384                           | 26,796                | 151,628                                      | 5.32                                                                  |
| 89-90.....                                   | .13100                                                                    | 25,104                                    | 3,288                           | 23,460                | 124,832                                      | 4.97                                                                  |
| 90-91.....                                   | .14555                                                                    | 21,816                                    | 3,176                           | 20,228                | 101,372                                      | 4.65                                                                  |
| 91-92.....                                   | .16157                                                                    | 18,640                                    | 3,011                           | 17,135                | 81,144                                       | 4.35                                                                  |
| 92-93.....                                   | .17730                                                                    | 15,629                                    | 2,771                           | 14,243                | 64,009                                       | 4.10                                                                  |
| 93-94.....                                   | .19136                                                                    | 12,858                                    | 2,461                           | 11,627                | 49,766                                       | 3.87                                                                  |
| 94-95.....                                   | .20443                                                                    | 10,397                                    | 2,125                           | 9,335                 | 38,139                                       | 3.67                                                                  |
| 95-96.....                                   | .21823                                                                    | 8,272                                     | 1,805                           | 7,369                 | 28,804                                       | 3.48                                                                  |
| 96-97.....                                   | .23221                                                                    | 6,467                                     | 1,502                           | 5,716                 | 21,435                                       | 3.31                                                                  |
| 97-98.....                                   | .24560                                                                    | 4,965                                     | 1,219                           | 4,355                 | 15,719                                       | 3.17                                                                  |
| 98-99.....                                   | .25834                                                                    | 3,746                                     | 968                             | 3,262                 | 11,364                                       | 3.03                                                                  |
| 99-100.....                                  | .27040                                                                    | 2,778                                     | 751                             | 2,402                 | 8,102                                        | 2.92                                                                  |
| 100-101.....                                 | .28176                                                                    | 2,027                                     | 571                             | 1,742                 | 5,700                                        | 2.81                                                                  |
| 101-102.....                                 | .29242                                                                    | 1,456                                     | 426                             | 1,242                 | 3,958                                        | 2.72                                                                  |
| 102-103.....                                 | .30237                                                                    | 1,030                                     | 311                             | 875                   | 2,716                                        | 2.64                                                                  |
| 103-104.....                                 | .31163                                                                    | 719                                       | 224                             | 606                   | 1,841                                        | 2.56                                                                  |
| 104-105.....                                 | .32023                                                                    | 495                                       | 159                             | 416                   | 1,235                                        | 2.50                                                                  |
| 105-106.....                                 | .32817                                                                    | 336                                       | 110                             | 281                   | 819                                          | 2.44                                                                  |
| 106-107.....                                 | .33550                                                                    | 226                                       | 76                              | 188                   | 538                                          | 2.38                                                                  |
| 107-108.....                                 | .34224                                                                    | 150                                       | 51                              | 124                   | 350                                          | 2.33                                                                  |
| 108-109.....                                 | .34843                                                                    | 99                                        | 35                              | 82                    | 226                                          | 2.28                                                                  |
| 109-110.....                                 | .35411                                                                    | 64                                        | 22                              | 53                    | 144                                          | 2.24                                                                  |

TABLE 4. LIFE TABLE FOR THE WHITE POPULATION: MONTANA, 1979-81

| AGE IN YEARS                                 | PROPORTION DYING                                                          | OF 100,000 BORN ALIVE                     |                                 | STATIONARY POPULATION |                                              | AVERAGE REMAINING LIFETIME                                            |
|----------------------------------------------|---------------------------------------------------------------------------|-------------------------------------------|---------------------------------|-----------------------|----------------------------------------------|-----------------------------------------------------------------------|
| PERIOD OF LIFE BETWEEN TWO EXACT AGES STATED | PROPORTION OF PERSONS ALIVE AT BEGINNING OF YEAR OF AGE DYING DURING YEAR | NUMBER LIVING AT BEGINNING OF YEAR OF AGE | NUMBER DYING DURING YEAR OF AGE | IN YEAR OF AGE        | IN THIS YEAR OF AGE AND ALL SUBSEQUENT YEARS | AVERAGE NUMBER OF YEARS OF LIFE REMAINING AT BEGINNING OF YEAR OF AGE |
| (1)                                          | (2)                                                                       | (3)                                       | (4)                             | (5)                   | (6)                                          | (7)                                                                   |
| $x$ to $x+1$                                 | $q_x$                                                                     | $l_x$                                     | $d_x$                           | $L_x$                 | $T_x$                                        | $e_x$                                                                 |
| 0-1.....                                     | .01084                                                                    | 100,000                                   | 1,084                           | 99,124                | 7,446,221                                    | 74.46                                                                 |
| 1-2.....                                     | .00076                                                                    | 98,916                                    | 76                              | 98,878                | 7,347,097                                    | 74.28                                                                 |
| 2-3.....                                     | .00066                                                                    | 98,840                                    | 65                              | 98,808                | 7,248,219                                    | 73.33                                                                 |
| 3-4.....                                     | .00056                                                                    | 98,775                                    | 55                              | 98,748                | 7,149,411                                    | 72.38                                                                 |
| 4-5.....                                     | .00045                                                                    | 98,720                                    | 44                              | 98,698                | 7,050,663                                    | 71.42                                                                 |
| 5-6.....                                     | .00037                                                                    | 98,676                                    | 36                              | 98,658                | 6,951,965                                    | 70.45                                                                 |
| 6-7.....                                     | .00034                                                                    | 98,640                                    | 33                              | 98,623                | 6,853,307                                    | 69.48                                                                 |
| 7-8.....                                     | .00031                                                                    | 98,607                                    | 31                              | 98,591                | 6,754,684                                    | 68.50                                                                 |
| 8-9.....                                     | .00027                                                                    | 98,576                                    | 27                              | 98,563                | 6,656,093                                    | 67.52                                                                 |
| 9-10.....                                    | .00022                                                                    | 98,549                                    | 21                              | 98,538                | 6,557,530                                    | 66.54                                                                 |
| 10-11.....                                   | .00018                                                                    | 98,528                                    | 18                              | 98,519                | 6,458,992                                    | 65.56                                                                 |
| 11-12.....                                   | .00018                                                                    | 98,510                                    | 18                              | 98,502                | 6,360,473                                    | 64.57                                                                 |
| 12-13.....                                   | .00028                                                                    | 98,492                                    | 27                              | 98,478                | 6,261,971                                    | 63.58                                                                 |
| 13-14.....                                   | .00048                                                                    | 98,465                                    | 48                              | 98,441                | 6,163,493                                    | 62.60                                                                 |
| 14-15.....                                   | .00074                                                                    | 98,417                                    | 72                              | 98,382                | 6,065,052                                    | 61.63                                                                 |
| 15-16.....                                   | .00100                                                                    | 98,345                                    | 98                              | 98,296                | 5,966,670                                    | 60.67                                                                 |
| 16-17.....                                   | .00121                                                                    | 98,247                                    | 119                             | 98,187                | 5,868,374                                    | 59.73                                                                 |
| 17-18.....                                   | .00136                                                                    | 98,128                                    | 133                             | 98,062                | 5,770,187                                    | 58.80                                                                 |
| 18-19.....                                   | .00144                                                                    | 97,995                                    | 142                             | 97,924                | 5,672,125                                    | 57.88                                                                 |
| 19-20.....                                   | .00147                                                                    | 97,853                                    | 144                             | 97,781                | 5,574,201                                    | 56.96                                                                 |
| 20-21.....                                   | .00150                                                                    | 97,709                                    | 146                             | 97,636                | 5,476,420                                    | 56.05                                                                 |
| 21-22.....                                   | .00152                                                                    | 97,563                                    | 149                             | 97,489                | 5,378,784                                    | 55.13                                                                 |
| 22-23.....                                   | .00152                                                                    | 97,414                                    | 148                             | 97,340                | 5,281,295                                    | 54.21                                                                 |
| 23-24.....                                   | .00149                                                                    | 97,266                                    | 145                             | 97,193                | 5,183,955                                    | 53.30                                                                 |
| 24-25.....                                   | .00145                                                                    | 97,121                                    | 141                             | 97,051                | 5,086,762                                    | 52.38                                                                 |
| 25-26.....                                   | .00138                                                                    | 96,980                                    | 134                             | 96,913                | 4,989,711                                    | 51.45                                                                 |
| 26-27.....                                   | .00132                                                                    | 96,846                                    | 128                             | 96,782                | 4,892,798                                    | 50.52                                                                 |
| 27-28.....                                   | .00128                                                                    | 96,718                                    | 124                             | 96,656                | 4,796,016                                    | 49.59                                                                 |
| 28-29.....                                   | .00128                                                                    | 96,594                                    | 124                             | 96,532                | 4,699,360                                    | 48.65                                                                 |
| 29-30.....                                   | .00129                                                                    | 96,470                                    | 124                             | 96,408                | 4,602,828                                    | 47.71                                                                 |
| 30-31.....                                   | .00132                                                                    | 96,346                                    | 128                             | 96,282                | 4,506,420                                    | 46.77                                                                 |
| 31-32.....                                   | .00135                                                                    | 96,218                                    | 129                             | 96,154                | 4,410,138                                    | 45.83                                                                 |
| 32-33.....                                   | .00138                                                                    | 96,089                                    | 133                             | 96,022                | 4,313,984                                    | 44.90                                                                 |
| 33-34.....                                   | .00141                                                                    | 95,956                                    | 135                             | 95,889                | 4,217,962                                    | 43.96                                                                 |
| 34-35.....                                   | .00145                                                                    | 95,821                                    | 139                             | 95,751                | 4,122,073                                    | 43.02                                                                 |
| 35-36.....                                   | .00151                                                                    | 95,682                                    | 145                             | 95,609                | 4,026,322                                    | 42.08                                                                 |
| 36-37.....                                   | .00158                                                                    | 95,537                                    | 150                             | 95,462                | 3,930,713                                    | 41.14                                                                 |
| 37-38.....                                   | .00167                                                                    | 95,387                                    | 159                             | 95,308                | 3,835,251                                    | 40.21                                                                 |
| 38-39.....                                   | .00176                                                                    | 95,228                                    | 168                             | 95,143                | 3,739,943                                    | 39.27                                                                 |
| 39-40.....                                   | .00188                                                                    | 95,060                                    | 179                             | 94,971                | 3,644,800                                    | 38.34                                                                 |
| 40-41.....                                   | .00202                                                                    | 94,881                                    | 191                             | 94,785                | 3,549,829                                    | 37.41                                                                 |
| 41-42.....                                   | .00218                                                                    | 94,690                                    | 207                             | 94,587                | 3,455,044                                    | 36.49                                                                 |
| 42-43.....                                   | .00237                                                                    | 94,483                                    | 224                             | 94,371                | 3,360,457                                    | 35.57                                                                 |
| 43-44.....                                   | .00259                                                                    | 94,259                                    | 244                             | 94,136                | 3,266,086                                    | 34.65                                                                 |
| 44-45.....                                   | .00284                                                                    | 94,015                                    | 267                             | 93,882                | 3,171,950                                    | 33.74                                                                 |
| 45-46.....                                   | .00311                                                                    | 93,748                                    | 292                             | 93,602                | 3,078,068                                    | 32.83                                                                 |
| 46-47.....                                   | .00344                                                                    | 93,456                                    | 321                             | 93,295                | 2,984,466                                    | 31.93                                                                 |
| 47-48.....                                   | .00380                                                                    | 93,135                                    | 354                             | 92,958                | 2,891,171                                    | 31.04                                                                 |
| 48-49.....                                   | .00420                                                                    | 92,781                                    | 390                             | 92,586                | 2,798,213                                    | 30.16                                                                 |
| 49-50.....                                   | .00463                                                                    | 92,391                                    | 427                             | 92,178                | 2,705,627                                    | 29.28                                                                 |
| 50-51.....                                   | .00508                                                                    | 91,964                                    | 468                             | 91,730                | 2,613,449                                    | 28.42                                                                 |
| 51-52.....                                   | .00556                                                                    | 91,496                                    | 509                             | 91,241                | 2,521,719                                    | 27.56                                                                 |
| 52-53.....                                   | .00607                                                                    | 90,987                                    | 552                             | 90,711                | 2,430,478                                    | 26.71                                                                 |
| 53-54.....                                   | .00660                                                                    | 90,435                                    | 597                             | 90,137                | 2,339,767                                    | 25.87                                                                 |
| 54-55.....                                   | .00719                                                                    | 89,838                                    | 646                             | 89,515                | 2,249,630                                    | 25.04                                                                 |

TABLE 4. LIFE TABLE FOR THE WHITE POPULATION: MONTANA, 1979-81--CON.

| AGE IN YEARS                                 | PROPORTION DYING                                                          | OF 100,000 BORN ALIVE                     |                                 | STATIONARY POPULATION |                                              | AVERAGE REMAINING LIFETIME                                            |
|----------------------------------------------|---------------------------------------------------------------------------|-------------------------------------------|---------------------------------|-----------------------|----------------------------------------------|-----------------------------------------------------------------------|
| PERIOD OF LIFE BETWEEN TWO EXACT AGES STATED | PROPORTION OF PERSONS ALIVE AT BEGINNING OF YEAR OF AGE DYING DURING YEAR | NUMBER LIVING AT BEGINNING OF YEAR OF AGE | NUMBER DYING DURING YEAR OF AGE | IN YEAR OF AGE        | IN THIS YEAR OF AGE AND ALL SUBSEQUENT YEARS | AVERAGE NUMBER OF YEARS OF LIFE REMAINING AT BEGINNING OF YEAR OF AGE |
| (1)                                          | (2)                                                                       | (3)                                       | (4)                             | (5)                   | (6)                                          | (7)                                                                   |
| $x$ to $x+1$                                 | $q_x$                                                                     | $l_x$                                     | $d_x$                           | $L_x$                 | $T_x$                                        | $e_x$                                                                 |
| 55-56.....                                   | .00780                                                                    | 89,192                                    | 696                             | 88,845                | 2,160,115                                    | 24.22                                                                 |
| 56-57.....                                   | .00848                                                                    | 88,496                                    | 750                             | 88,121                | 2,071,270                                    | 23.41                                                                 |
| 57-58.....                                   | .00932                                                                    | 87,746                                    | 818                             | 87,337                | 1,983,149                                    | 22.60                                                                 |
| 58-59.....                                   | .01035                                                                    | 86,928                                    | 899                             | 86,479                | 1,895,812                                    | 21.81                                                                 |
| 59-60.....                                   | .01153                                                                    | 86,029                                    | 992                             | 85,533                | 1,809,333                                    | 21.03                                                                 |
| 60-61.....                                   | .01278                                                                    | 85,037                                    | 1,086                           | 84,494                | 1,723,800                                    | 20.27                                                                 |
| 61-62.....                                   | .01405                                                                    | 83,951                                    | 1,180                           | 83,360                | 1,639,306                                    | 19.53                                                                 |
| 62-63.....                                   | .01536                                                                    | 82,771                                    | 1,272                           | 82,136                | 1,555,946                                    | 18.80                                                                 |
| 63-64.....                                   | .01671                                                                    | 81,499                                    | 1,361                           | 80,818                | 1,473,810                                    | 18.08                                                                 |
| 64-65.....                                   | .01811                                                                    | 80,138                                    | 1,451                           | 79,412                | 1,392,992                                    | 17.38                                                                 |
| 65-66.....                                   | .01962                                                                    | 78,687                                    | 1,544                           | 77,915                | 1,313,580                                    | 16.69                                                                 |
| 66-67.....                                   | .02124                                                                    | 77,143                                    | 1,639                           | 76,324                | 1,235,665                                    | 16.02                                                                 |
| 67-68.....                                   | .02295                                                                    | 75,504                                    | 1,733                           | 74,638                | 1,159,341                                    | 15.35                                                                 |
| 68-69.....                                   | .02477                                                                    | 73,771                                    | 1,827                           | 72,857                | 1,084,703                                    | 14.70                                                                 |
| 69-70.....                                   | .02675                                                                    | 71,944                                    | 1,925                           | 70,982                | 1,011,846                                    | 14.06                                                                 |
| 70-71.....                                   | .02891                                                                    | 70,019                                    | 2,024                           | 69,007                | 940,864                                      | 13.44                                                                 |
| 71-72.....                                   | .03133                                                                    | 67,995                                    | 2,130                           | 66,930                | 871,857                                      | 12.82                                                                 |
| 72-73.....                                   | .03412                                                                    | 65,865                                    | 2,248                           | 64,740                | 804,927                                      | 12.22                                                                 |
| 73-74.....                                   | .03736                                                                    | 63,617                                    | 2,377                           | 62,429                | 740,187                                      | 11.64                                                                 |
| 74-75.....                                   | .04102                                                                    | 61,240                                    | 2,512                           | 59,985                | 677,758                                      | 11.07                                                                 |
| 75-76.....                                   | .04520                                                                    | 58,728                                    | 2,654                           | 57,401                | 617,773                                      | 10.52                                                                 |
| 76-77.....                                   | .04979                                                                    | 56,074                                    | 2,792                           | 54,678                | 560,372                                      | 9.99                                                                  |
| 77-78.....                                   | .05447                                                                    | 53,282                                    | 2,902                           | 51,831                | 505,694                                      | 9.49                                                                  |
| 78-79.....                                   | .05904                                                                    | 50,380                                    | 2,974                           | 48,893                | 453,863                                      | 9.01                                                                  |
| 79-80.....                                   | .06358                                                                    | 47,406                                    | 3,014                           | 45,898                | 404,970                                      | 8.54                                                                  |
| 80-81.....                                   | .06835                                                                    | 44,392                                    | 3,035                           | 42,875                | 359,072                                      | 8.09                                                                  |
| 81-82.....                                   | .07383                                                                    | 41,357                                    | 3,053                           | 39,831                | 316,197                                      | 7.65                                                                  |
| 82-83.....                                   | .08015                                                                    | 38,304                                    | 3,070                           | 36,769                | 276,366                                      | 7.22                                                                  |
| 83-84.....                                   | .08742                                                                    | 35,234                                    | 3,080                           | 33,694                | 239,597                                      | 6.80                                                                  |
| 84-85.....                                   | .09530                                                                    | 32,154                                    | 3,064                           | 30,622                | 205,903                                      | 6.40                                                                  |
| 85-86.....                                   | .10343                                                                    | 29,090                                    | 3,009                           | 27,585                | 175,281                                      | 6.03                                                                  |
| 86-87.....                                   | .11187                                                                    | 26,081                                    | 2,918                           | 24,622                | 147,696                                      | 5.66                                                                  |
| 87-88.....                                   | .12112                                                                    | 23,163                                    | 2,805                           | 21,760                | 123,074                                      | 5.31                                                                  |
| 88-89.....                                   | .13176                                                                    | 20,358                                    | 2,683                           | 19,017                | 101,314                                      | 4.98                                                                  |
| 89-90.....                                   | .14411                                                                    | 17,675                                    | 2,547                           | 16,401                | 82,297                                       | 4.66                                                                  |
| 90-91.....                                   | .15862                                                                    | 15,128                                    | 2,400                           | 13,929                | 65,896                                       | 4.36                                                                  |
| 91-92.....                                   | .17439                                                                    | 12,728                                    | 2,219                           | 11,618                | 51,967                                       | 4.08                                                                  |
| 92-93.....                                   | .19016                                                                    | 10,509                                    | 1,999                           | 9,510                 | 40,349                                       | 3.84                                                                  |
| 93-94.....                                   | .20494                                                                    | 8,510                                     | 1,744                           | 7,638                 | 30,839                                       | 3.62                                                                  |
| 94-95.....                                   | .21929                                                                    | 6,766                                     | 1,484                           | 6,025                 | 23,201                                       | 3.43                                                                  |
| 95-96.....                                   | .23432                                                                    | 5,282                                     | 1,237                           | 4,663                 | 17,176                                       | 3.25                                                                  |
| 96-97.....                                   | .24900                                                                    | 4,045                                     | 1,007                           | 3,541                 | 12,513                                       | 3.09                                                                  |
| 97-98.....                                   | .26304                                                                    | 3,038                                     | 799                             | 2,638                 | 8,972                                        | 2.95                                                                  |
| 98-99.....                                   | .27638                                                                    | 2,239                                     | 619                             | 1,930                 | 6,334                                        | 2.83                                                                  |
| 99-100.....                                  | .28900                                                                    | 1,620                                     | 468                             | 1,385                 | 4,404                                        | 2.72                                                                  |
| 100-101.....                                 | .30087                                                                    | 1,152                                     | 347                             | 979                   | 3,019                                        | 2.62                                                                  |
| 101-102.....                                 | .31200                                                                    | 805                                       | 251                             | 679                   | 2,040                                        | 2.53                                                                  |
| 102-103.....                                 | .32238                                                                    | 554                                       | 179                             | 465                   | 1,361                                        | 2.46                                                                  |
| 103-104.....                                 | .33203                                                                    | 375                                       | 124                             | 313                   | 896                                          | 2.39                                                                  |
| 104-105.....                                 | .34098                                                                    | 251                                       | 86                              | 208                   | 583                                          | 2.32                                                                  |
| 105-106.....                                 | .34926                                                                    | 165                                       | 57                              | 137                   | 375                                          | 2.27                                                                  |
| 106-107.....                                 | .35688                                                                    | 108                                       | 39                              | 88                    | 238                                          | 2.22                                                                  |
| 107-108.....                                 | .36390                                                                    | 69                                        | 25                              | 57                    | 150                                          | 2.17                                                                  |
| 108-109.....                                 | .37033                                                                    | 44                                        | 16                              | 35                    | 93                                           | 2.13                                                                  |
| 109-110.....                                 | .37623                                                                    | 28                                        | 11                              | 23                    | 58                                           | 2.08                                                                  |

TABLE 5. LIFE TABLE FOR WHITE MALES: MONTANA, 1979-81

| AGE IN YEARS                                 | PROPORTION DYING                                                          | OF 100,000 BORN ALIVE                     |                                 | STATIONARY POPULATION |                                              | AVERAGE REMAINING LIFETIME                                            |
|----------------------------------------------|---------------------------------------------------------------------------|-------------------------------------------|---------------------------------|-----------------------|----------------------------------------------|-----------------------------------------------------------------------|
| PERIOD OF LIFE BETWEEN TWO EXACT AGES STATED | PROPORTION OF PERSONS ALIVE AT BEGINNING OF YEAR OF AGE DYING DURING YEAR | NUMBER LIVING AT BEGINNING OF YEAR OF AGE | NUMBER DYING DURING YEAR OF AGE | IN YEAR OF AGE        | IN THIS YEAR OF AGE AND ALL SUBSEQUENT YEARS | AVERAGE NUMBER OF YEARS OF LIFE REMAINING AT BEGINNING OF YEAR OF AGE |
| (1)                                          | (2)                                                                       | (3)                                       | (4)                             | (5)                   | (6)                                          | (7)                                                                   |
| $x$ to $x+1$                                 | $q_x$                                                                     | $l_x$                                     | $d_x$                           | $L_x$                 | $T_x$                                        | $e_x$                                                                 |
| 0-1.....                                     | .01160                                                                    | 100,000                                   | 1,160                           | 99,080                | 7,100,146                                    | 71.00                                                                 |
| 1-2.....                                     | .00085                                                                    | 98,840                                    | 83                              | 98,799                | 7,001,066                                    | 70.83                                                                 |
| 2-3.....                                     | .00072                                                                    | 98,757                                    | 72                              | 98,721                | 6,902,267                                    | 69.89                                                                 |
| 3-4.....                                     | .00063                                                                    | 98,685                                    | 62                              | 98,654                | 6,803,546                                    | 68.94                                                                 |
| 4-5.....                                     | .00052                                                                    | 98,623                                    | 51                              | 98,597                | 6,704,892                                    | 67.98                                                                 |
| 5-6.....                                     | .00042                                                                    | 98,572                                    | 41                              | 98,551                | 6,606,295                                    | 67.02                                                                 |
| 6-7.....                                     | .00040                                                                    | 98,531                                    | 40                              | 98,511                | 6,507,744                                    | 66.05                                                                 |
| 7-8.....                                     | .00038                                                                    | 98,491                                    | 37                              | 98,473                | 6,409,233                                    | 65.07                                                                 |
| 8-9.....                                     | .00034                                                                    | 98,454                                    | 34                              | 98,437                | 6,310,760                                    | 64.10                                                                 |
| 9-10.....                                    | .00028                                                                    | 98,420                                    | 28                              | 98,406                | 6,212,323                                    | 63.12                                                                 |
| 10-11.....                                   | .00023                                                                    | 98,392                                    | 22                              | 98,381                | 6,113,917                                    | 62.14                                                                 |
| 11-12.....                                   | .00025                                                                    | 98,370                                    | 25                              | 98,357                | 6,015,536                                    | 61.15                                                                 |
| 12-13.....                                   | .00039                                                                    | 98,345                                    | 38                              | 98,326                | 5,917,179                                    | 60.17                                                                 |
| 13-14.....                                   | .00068                                                                    | 98,307                                    | 67                              | 98,274                | 5,818,853                                    | 59.19                                                                 |
| 14-15.....                                   | .00103                                                                    | 98,240                                    | 101                             | 98,189                | 5,720,579                                    | 58.23                                                                 |
| 15-16.....                                   | .00139                                                                    | 98,139                                    | 136                             | 98,071                | 5,622,390                                    | 57.29                                                                 |
| 16-17.....                                   | .00168                                                                    | 98,003                                    | 165                             | 97,920                | 5,524,319                                    | 56.37                                                                 |
| 17-18.....                                   | .00189                                                                    | 97,838                                    | 184                             | 97,746                | 5,426,399                                    | 55.46                                                                 |
| 18-19.....                                   | .00201                                                                    | 97,654                                    | 197                             | 97,556                | 5,328,653                                    | 54.57                                                                 |
| 19-20.....                                   | .00207                                                                    | 97,457                                    | 201                             | 97,356                | 5,231,097                                    | 53.68                                                                 |
| 20-21.....                                   | .00212                                                                    | 97,256                                    | 206                             | 97,153                | 5,133,741                                    | 52.79                                                                 |
| 21-22.....                                   | .00217                                                                    | 97,050                                    | 210                             | 96,945                | 5,036,588                                    | 51.90                                                                 |
| 22-23.....                                   | .00219                                                                    | 96,840                                    | 212                             | 96,734                | 4,939,643                                    | 51.01                                                                 |
| 23-24.....                                   | .00216                                                                    | 96,628                                    | 209                             | 96,523                | 4,842,909                                    | 50.12                                                                 |
| 24-25.....                                   | .00211                                                                    | 96,419                                    | 203                             | 96,318                | 4,746,386                                    | 49.23                                                                 |
| 25-26.....                                   | .00203                                                                    | 96,216                                    | 196                             | 96,118                | 4,650,068                                    | 48.33                                                                 |
| 26-27.....                                   | .00196                                                                    | 96,020                                    | 189                             | 95,925                | 4,553,950                                    | 47.43                                                                 |
| 27-28.....                                   | .00192                                                                    | 95,831                                    | 183                             | 95,740                | 4,458,025                                    | 46.52                                                                 |
| 28-29.....                                   | .00190                                                                    | 95,648                                    | 183                             | 95,556                | 4,362,285                                    | 45.61                                                                 |
| 29-30.....                                   | .00192                                                                    | 95,465                                    | 183                             | 95,374                | 4,266,729                                    | 44.69                                                                 |
| 30-31.....                                   | .00195                                                                    | 95,282                                    | 186                             | 95,189                | 4,171,355                                    | 43.78                                                                 |
| 31-32.....                                   | .00197                                                                    | 95,096                                    | 187                             | 95,003                | 4,076,166                                    | 42.86                                                                 |
| 32-33.....                                   | .00199                                                                    | 94,909                                    | 189                             | 94,814                | 3,981,163                                    | 41.95                                                                 |
| 33-34.....                                   | .00201                                                                    | 94,720                                    | 191                             | 94,624                | 3,886,349                                    | 41.03                                                                 |
| 34-35.....                                   | .00204                                                                    | 94,529                                    | 192                             | 94,433                | 3,791,725                                    | 40.11                                                                 |
| 35-36.....                                   | .00207                                                                    | 94,337                                    | 196                             | 94,239                | 3,697,292                                    | 39.19                                                                 |
| 36-37.....                                   | .00213                                                                    | 94,141                                    | 200                             | 94,041                | 3,603,053                                    | 38.27                                                                 |
| 37-38.....                                   | .00220                                                                    | 93,941                                    | 207                             | 93,838                | 3,509,012                                    | 37.35                                                                 |
| 38-39.....                                   | .00229                                                                    | 93,734                                    | 215                             | 93,626                | 3,415,174                                    | 36.43                                                                 |
| 39-40.....                                   | .00241                                                                    | 93,519                                    | 225                             | 93,407                | 3,321,548                                    | 35.52                                                                 |
| 40-41.....                                   | .00255                                                                    | 93,294                                    | 238                             | 93,175                | 3,228,141                                    | 34.60                                                                 |
| 41-42.....                                   | .00274                                                                    | 93,056                                    | 255                             | 92,928                | 3,134,966                                    | 33.69                                                                 |
| 42-43.....                                   | .00296                                                                    | 92,801                                    | 275                             | 92,664                | 3,042,038                                    | 32.78                                                                 |
| 43-44.....                                   | .00321                                                                    | 92,526                                    | 296                             | 92,378                | 2,949,374                                    | 31.88                                                                 |
| 44-45.....                                   | .00350                                                                    | 92,230                                    | 323                             | 92,069                | 2,856,996                                    | 30.98                                                                 |
| 45-46.....                                   | .00382                                                                    | 91,907                                    | 351                             | 91,731                | 2,764,927                                    | 30.08                                                                 |
| 46-47.....                                   | .00421                                                                    | 91,556                                    | 386                             | 91,363                | 2,673,196                                    | 29.20                                                                 |
| 47-48.....                                   | .00469                                                                    | 91,170                                    | 428                             | 90,957                | 2,581,833                                    | 28.32                                                                 |
| 48-49.....                                   | .00528                                                                    | 90,742                                    | 478                             | 90,503                | 2,490,876                                    | 27.45                                                                 |
| 49-50.....                                   | .00593                                                                    | 90,264                                    | 535                             | 89,996                | 2,400,373                                    | 26.59                                                                 |
| 50-51.....                                   | .00663                                                                    | 89,729                                    | 595                             | 89,431                | 2,310,377                                    | 25.75                                                                 |
| 51-52.....                                   | .00735                                                                    | 89,134                                    | 655                             | 88,807                | 2,220,946                                    | 24.92                                                                 |
| 52-53.....                                   | .00807                                                                    | 88,479                                    | 714                             | 88,122                | 2,132,139                                    | 24.10                                                                 |
| 53-54.....                                   | .00881                                                                    | 87,765                                    | 773                             | 87,378                | 2,044,017                                    | 23.29                                                                 |
| 54-55.....                                   | .00959                                                                    | 86,992                                    | 834                             | 86,575                | 1,956,639                                    | 22.49                                                                 |

TABLE 5. LIFE TABLE FOR WHITE MALES: MONTANA, 1979-81--CON.

| AGE IN YEARS                                 | PROPORTION DYING                                                          | OF 100,000 BORN ALIVE                     |                                 | STATIONARY POPULATION |                                              | AVERAGE REMAINING LIFETIME                                            |
|----------------------------------------------|---------------------------------------------------------------------------|-------------------------------------------|---------------------------------|-----------------------|----------------------------------------------|-----------------------------------------------------------------------|
| PERIOD OF LIFE BETWEEN TWO EXACT AGES STATED | PROPORTION OF PERSONS ALIVE AT BEGINNING OF YEAR OF AGE DYING DURING YEAR | NUMBER LIVING AT BEGINNING OF YEAR OF AGE | NUMBER DYING DURING YEAR OF AGE | IN YEAR OF AGE        | IN THIS YEAR OF AGE AND ALL SUBSEQUENT YEARS | AVERAGE NUMBER OF YEARS OF LIFE REMAINING AT BEGINNING OF YEAR OF AGE |
| (1)                                          | (2)                                                                       | (3)                                       | (4)                             | (5)                   | (6)                                          | (7)                                                                   |
| $x$ to $x+1$                                 | $q_x$                                                                     | $l_x$                                     | $d_x$                           | $L_x$                 | $T_x$                                        | $e_x$                                                                 |
| 55-56.....                                   | .01040                                                                    | 86,158                                    | 896                             | 85,710                | 1,870,064                                    | 21.71                                                                 |
| 56-57.....                                   | .01128                                                                    | 85,262                                    | 962                             | 84,781                | 1,784,354                                    | 20.93                                                                 |
| 57-58.....                                   | .01235                                                                    | 84,300                                    | 1,041                           | 83,780                | 1,699,573                                    | 20.16                                                                 |
| 58-59.....                                   | .01362                                                                    | 83,259                                    | 1,134                           | 82,692                | 1,615,793                                    | 19.41                                                                 |
| 59-60.....                                   | .01506                                                                    | 82,125                                    | 1,237                           | 81,506                | 1,533,101                                    | 18.67                                                                 |
| 60-61.....                                   | .01659                                                                    | 80,888                                    | 1,342                           | 80,217                | 1,451,595                                    | 17.95                                                                 |
| 61-62.....                                   | .01815                                                                    | 79,546                                    | 1,444                           | 78,824                | 1,371,378                                    | 17.24                                                                 |
| 62-63.....                                   | .01979                                                                    | 78,102                                    | 1,545                           | 77,329                | 1,292,554                                    | 16.55                                                                 |
| 63-64.....                                   | .02153                                                                    | 76,557                                    | 1,649                           | 75,733                | 1,219,225                                    | 15.87                                                                 |
| 64-65.....                                   | .02340                                                                    | 74,908                                    | 1,753                           | 74,031                | 1,139,492                                    | 15.21                                                                 |
| 65-66.....                                   | .02542                                                                    | 73,155                                    | 1,860                           | 72,226                | 1,065,461                                    | 14.56                                                                 |
| 66-67.....                                   | .02761                                                                    | 71,295                                    | 1,968                           | 70,311                | 993,235                                      | 13.93                                                                 |
| 67-68.....                                   | .02997                                                                    | 69,327                                    | 2,078                           | 68,288                | 922,924                                      | 13.31                                                                 |
| 68-69.....                                   | .03256                                                                    | 67,249                                    | 2,189                           | 66,154                | 854,636                                      | 12.71                                                                 |
| 69-70.....                                   | .03540                                                                    | 65,060                                    | 2,303                           | 63,908                | 788,482                                      | 12.12                                                                 |
| 70-71.....                                   | .03849                                                                    | 62,757                                    | 2,416                           | 61,549                | 724,574                                      | 11.55                                                                 |
| 71-72.....                                   | .04191                                                                    | 60,341                                    | 2,529                           | 59,076                | 663,025                                      | 10.99                                                                 |
| 72-73.....                                   | .04577                                                                    | 57,812                                    | 2,646                           | 56,488                | 603,949                                      | 10.45                                                                 |
| 73-74.....                                   | .05016                                                                    | 55,166                                    | 2,767                           | 53,783                | 547,461                                      | 9.92                                                                  |
| 74-75.....                                   | .05509                                                                    | 52,399                                    | 2,887                           | 50,955                | 493,678                                      | 9.42                                                                  |
| 75-76.....                                   | .06084                                                                    | 49,512                                    | 3,012                           | 48,006                | 442,723                                      | 8.94                                                                  |
| 76-77.....                                   | .06723                                                                    | 46,500                                    | 3,127                           | 44,936                | 394,717                                      | 8.49                                                                  |
| 77-78.....                                   | .07360                                                                    | 43,373                                    | 3,192                           | 41,777                | 349,781                                      | 8.06                                                                  |
| 78-79.....                                   | .07941                                                                    | 40,181                                    | 3,191                           | 38,586                | 308,004                                      | 7.67                                                                  |
| 79-80.....                                   | .08474                                                                    | 36,990                                    | 3,134                           | 35,422                | 269,418                                      | 7.28                                                                  |
| 80-81.....                                   | .09030                                                                    | 33,856                                    | 3,058                           | 32,327                | 233,996                                      | 6.91                                                                  |
| 81-82.....                                   | .09688                                                                    | 30,798                                    | 2,984                           | 29,307                | 201,669                                      | 6.55                                                                  |
| 82-83.....                                   | .10430                                                                    | 27,814                                    | 2,901                           | 26,364                | 172,362                                      | 6.20                                                                  |
| 83-84.....                                   | .11247                                                                    | 24,913                                    | 2,802                           | 23,512                | 145,998                                      | 5.86                                                                  |
| 84-85.....                                   | .12092                                                                    | 22,111                                    | 2,673                           | 20,775                | 122,486                                      | 5.54                                                                  |
| 85-86.....                                   | .12931                                                                    | 19,438                                    | 2,514                           | 18,181                | 101,711                                      | 5.23                                                                  |
| 86-87.....                                   | .13789                                                                    | 16,924                                    | 2,333                           | 15,757                | 83,530                                       | 4.94                                                                  |
| 87-88.....                                   | .14753                                                                    | 14,591                                    | 2,153                           | 13,514                | 67,773                                       | 4.64                                                                  |
| 88-89.....                                   | .15898                                                                    | 12,438                                    | 1,977                           | 11,450                | 54,259                                       | 4.36                                                                  |
| 89-90.....                                   | .17235                                                                    | 10,461                                    | 1,803                           | 9,559                 | 42,809                                       | 4.09                                                                  |
| 90-91.....                                   | .18740                                                                    | 8,658                                     | 1,623                           | 7,846                 | 33,250                                       | 3.84                                                                  |
| 91-92.....                                   | .20317                                                                    | 7,035                                     | 1,429                           | 6,321                 | 25,404                                       | 3.61                                                                  |
| 92-93.....                                   | .21925                                                                    | 5,606                                     | 1,229                           | 4,991                 | 19,083                                       | 3.40                                                                  |
| 93-94.....                                   | .23508                                                                    | 4,377                                     | 1,029                           | 3,863                 | 14,092                                       | 3.22                                                                  |
| 94-95.....                                   | .25064                                                                    | 3,348                                     | 839                             | 2,928                 | 10,229                                       | 3.06                                                                  |
| 95-96.....                                   | .26617                                                                    | 2,509                                     | 668                             | 2,175                 | 7,301                                        | 2.91                                                                  |
| 96-97.....                                   | .28001                                                                    | 1,841                                     | 515                             | 1,583                 | 5,126                                        | 2.78                                                                  |
| 97-98.....                                   | .29311                                                                    | 1,326                                     | 389                             | 1,132                 | 3,543                                        | 2.67                                                                  |
| 98-99.....                                   | .30545                                                                    | 937                                       | 286                             | 793                   | 2,411                                        | 2.57                                                                  |
| 99-100.....                                  | .31703                                                                    | 651                                       | 207                             | 548                   | 1,618                                        | 2.49                                                                  |
| 100-101.....                                 | .32784                                                                    | 444                                       | 145                             | 372                   | 1,070                                        | 2.41                                                                  |
| 101-102.....                                 | .33791                                                                    | 299                                       | 101                             | 248                   | 698                                          | 2.34                                                                  |
| 102-103.....                                 | .34724                                                                    | 198                                       | 69                              | 163                   | 450                                          | 2.28                                                                  |
| 103-104.....                                 | .35588                                                                    | 129                                       | 46                              | 107                   | 287                                          | 2.22                                                                  |
| 104-105.....                                 | .36384                                                                    | 83                                        | 30                              | 68                    | 180                                          | 2.17                                                                  |
| 105-106.....                                 | .37117                                                                    | 53                                        | 20                              | 43                    | 112                                          | 2.12                                                                  |
| 106-107.....                                 | .37790                                                                    | 33                                        | 12                              | 27                    | 69                                           | 2.08                                                                  |
| 107-108.....                                 | .38407                                                                    | 21                                        | 8                               | 16                    | 42                                           | 2.04                                                                  |
| 108-109.....                                 | .38971                                                                    | 13                                        | 5                               | 11                    | 26                                           | 2.01                                                                  |
| 109-110.....                                 | .39486                                                                    | 8                                         | 3                               | 6                     | 15                                           | 1.97                                                                  |

TABLE 6. LIFE TABLE FOR WHITE FEMALES: MONTANA, 1979-81

| AGE IN YEARS                                 | PROPORTION DYING                                                          | OF 100,000 BORN ALIVE                     |                                 | STATIONARY POPULATION |                                              | AVERAGE REMAINING LIFETIME                                            |
|----------------------------------------------|---------------------------------------------------------------------------|-------------------------------------------|---------------------------------|-----------------------|----------------------------------------------|-----------------------------------------------------------------------|
| PERIOD OF LIFE BETWEEN TWO EXACT AGES STATED | PROPORTION OF PERSONS ALIVE AT BEGINNING OF YEAR OF AGE DYING DURING YEAR | NUMBER LIVING AT BEGINNING OF YEAR OF AGE | NUMBER DYING DURING YEAR OF AGE | IN YEAR OF AGE        | IN THIS YEAR OF AGE AND ALL SUBSEQUENT YEARS | AVERAGE NUMBER OF YEARS OF LIFE REMAINING AT BEGINNING OF YEAR OF AGE |
| (1)                                          | (2)                                                                       | (3)                                       | (4)                             | (5)                   | (6)                                          | (7)                                                                   |
| $x$ to $x+1$                                 | $q_x$                                                                     | $l_x$                                     | $d_x$                           | $L_x$                 | $T_x$                                        | $e_x$                                                                 |
| 0-1.....                                     | .01004                                                                    | 100,000                                   | 1,004                           | 99,172                | 7,819,223                                    | 78.19                                                                 |
| 1-2.....                                     | .00068                                                                    | 98,996                                    | 67                              | 98,963                | 7,720,051                                    | 77.98                                                                 |
| 2-3.....                                     | .00059                                                                    | 98,929                                    | 58                              | 98,900                | 7,621,088                                    | 77.04                                                                 |
| 3-4.....                                     | .00048                                                                    | 98,871                                    | 48                              | 98,846                | 7,522,188                                    | 76.08                                                                 |
| 4-5.....                                     | .00037                                                                    | 98,823                                    | 36                              | 98,805                | 7,423,342                                    | 75.12                                                                 |
| 5-6.....                                     | .00031                                                                    | 98,787                                    | 31                              | 98,771                | 7,324,537                                    | 74.15                                                                 |
| 6-7.....                                     | .00027                                                                    | 98,756                                    | 27                              | 98,743                | 7,225,766                                    | 73.17                                                                 |
| 7-8.....                                     | .00024                                                                    | 98,729                                    | 24                              | 98,717                | 7,127,023                                    | 72.19                                                                 |
| 8-9.....                                     | .00020                                                                    | 98,705                                    | 19                              | 98,695                | 7,028,306                                    | 71.20                                                                 |
| 9-10.....                                    | .00015                                                                    | 98,686                                    | 15                              | 98,679                | 6,929,611                                    | 70.22                                                                 |
| 10-11.....                                   | .00012                                                                    | 98,671                                    | 12                              | 98,665                | 6,830,932                                    | 69.23                                                                 |
| 11-12.....                                   | .00011                                                                    | 98,659                                    | 11                              | 98,653                | 6,732,267                                    | 68.24                                                                 |
| 12-13.....                                   | .00016                                                                    | 98,648                                    | 16                              | 98,640                | 6,633,614                                    | 67.25                                                                 |
| 13-14.....                                   | .00028                                                                    | 98,632                                    | 27                              | 98,618                | 6,534,974                                    | 66.26                                                                 |
| 14-15.....                                   | .00042                                                                    | 98,605                                    | 42                              | 98,584                | 6,436,356                                    | 65.27                                                                 |
| 15-16.....                                   | .00058                                                                    | 98,563                                    | 57                              | 98,534                | 6,337,772                                    | 64.30                                                                 |
| 16-17.....                                   | .00070                                                                    | 98,506                                    | 69                              | 98,471                | 6,239,238                                    | 63.34                                                                 |
| 17-18.....                                   | .00079                                                                    | 98,437                                    | 78                              | 98,398                | 6,140,767                                    | 62.38                                                                 |
| 18-19.....                                   | .00084                                                                    | 98,359                                    | 83                              | 98,317                | 6,042,369                                    | 61.43                                                                 |
| 19-20.....                                   | .00085                                                                    | 98,276                                    | 83                              | 98,235                | 5,944,052                                    | 60.48                                                                 |
| 20-21.....                                   | .00086                                                                    | 98,193                                    | 85                              | 98,150                | 5,845,817                                    | 59.53                                                                 |
| 21-22.....                                   | .00087                                                                    | 98,108                                    | 85                              | 98,066                | 5,747,667                                    | 58.58                                                                 |
| 22-23.....                                   | .00086                                                                    | 98,023                                    | 84                              | 97,981                | 5,649,601                                    | 57.64                                                                 |
| 23-24.....                                   | .00083                                                                    | 97,939                                    | 81                              | 97,898                | 5,551,620                                    | 56.68                                                                 |
| 24-25.....                                   | .00078                                                                    | 97,858                                    | 76                              | 97,820                | 5,453,722                                    | 55.73                                                                 |
| 25-26.....                                   | .00073                                                                    | 97,782                                    | 71                              | 97,746                | 5,355,902                                    | 54.77                                                                 |
| 26-27.....                                   | .00068                                                                    | 97,711                                    | 66                              | 97,678                | 5,258,156                                    | 53.81                                                                 |
| 27-28.....                                   | .00064                                                                    | 97,645                                    | 63                              | 97,613                | 5,160,478                                    | 52.85                                                                 |
| 28-29.....                                   | .00063                                                                    | 97,582                                    | 62                              | 97,551                | 5,062,865                                    | 51.88                                                                 |
| 29-30.....                                   | .00064                                                                    | 97,520                                    | 63                              | 97,489                | 4,965,314                                    | 50.92                                                                 |
| 30-31.....                                   | .00066                                                                    | 97,457                                    | 64                              | 97,425                | 4,867,825                                    | 49.95                                                                 |
| 31-32.....                                   | .00069                                                                    | 97,393                                    | 67                              | 97,359                | 4,770,400                                    | 48.98                                                                 |
| 32-33.....                                   | .00072                                                                    | 97,326                                    | 70                              | 97,291                | 4,673,041                                    | 48.01                                                                 |
| 33-34.....                                   | .00077                                                                    | 97,256                                    | 75                              | 97,218                | 4,575,750                                    | 47.05                                                                 |
| 34-35.....                                   | .00083                                                                    | 97,181                                    | 81                              | 97,141                | 4,478,532                                    | 46.08                                                                 |
| 35-36.....                                   | .00091                                                                    | 97,100                                    | 88                              | 97,056                | 4,381,391                                    | 45.12                                                                 |
| 36-37.....                                   | .00101                                                                    | 97,012                                    | 97                              | 96,963                | 4,284,335                                    | 44.16                                                                 |
| 37-38.....                                   | .00111                                                                    | 96,915                                    | 108                             | 96,861                | 4,187,372                                    | 43.21                                                                 |
| 38-39.....                                   | .00122                                                                    | 96,807                                    | 119                             | 96,748                | 4,090,511                                    | 42.25                                                                 |
| 39-40.....                                   | .00134                                                                    | 96,688                                    | 129                             | 96,624                | 3,993,763                                    | 41.31                                                                 |
| 40-41.....                                   | .00147                                                                    | 96,559                                    | 142                             | 96,487                | 3,897,139                                    | 40.36                                                                 |
| 41-42.....                                   | .00162                                                                    | 96,417                                    | 156                             | 96,339                | 3,800,652                                    | 39.42                                                                 |
| 42-43.....                                   | .00179                                                                    | 96,261                                    | 172                             | 96,175                | 3,704,313                                    | 38.48                                                                 |
| 43-44.....                                   | .00197                                                                    | 96,089                                    | 189                             | 95,994                | 3,608,138                                    | 37.55                                                                 |
| 44-45.....                                   | .00217                                                                    | 95,900                                    | 208                             | 95,795                | 3,512,144                                    | 36.62                                                                 |
| 45-46.....                                   | .00240                                                                    | 95,692                                    | 230                             | 95,577                | 3,416,349                                    | 35.70                                                                 |
| 46-47.....                                   | .00264                                                                    | 95,462                                    | 252                             | 95,337                | 3,320,772                                    | 34.79                                                                 |
| 47-48.....                                   | .00289                                                                    | 95,210                                    | 275                             | 95,072                | 3,225,435                                    | 33.88                                                                 |
| 48-49.....                                   | .00311                                                                    | 94,935                                    | 295                             | 94,788                | 3,130,363                                    | 32.97                                                                 |
| 49-50.....                                   | .00332                                                                    | 94,640                                    | 314                             | 94,482                | 3,035,575                                    | 32.08                                                                 |
| 50-51.....                                   | .00354                                                                    | 94,326                                    | 335                             | 94,159                | 2,941,093                                    | 31.18                                                                 |
| 51-52.....                                   | .00380                                                                    | 93,991                                    | 356                             | 93,813                | 2,846,934                                    | 30.29                                                                 |
| 52-53.....                                   | .00408                                                                    | 93,635                                    | 383                             | 93,443                | 2,753,121                                    | 29.40                                                                 |
| 53-54.....                                   | .00443                                                                    | 93,252                                    | 413                             | 93,046                | 2,659,678                                    | 28.52                                                                 |
| 54-55.....                                   | .00483                                                                    | 92,839                                    | 448                             | 92,615                | 2,566,632                                    | 27.65                                                                 |

TABLE 6. LIFE TABLE FOR WHITE FEMALES: MONTANA, 1979-81—CON.

| AGE IN YEARS                                 | PROPORTION DYING                                                          | OF 100,000 BORN ALIVE                     |                                 | STATIONARY POPULATION |                                              | AVERAGE REMAINING LIFETIME                                            |
|----------------------------------------------|---------------------------------------------------------------------------|-------------------------------------------|---------------------------------|-----------------------|----------------------------------------------|-----------------------------------------------------------------------|
| PERIOD OF LIFE BETWEEN TWO EXACT AGES STATED | PROPORTION OF PERSONS ALIVE AT BEGINNING OF YEAR OF AGE DYING DURING YEAR | NUMBER LIVING AT BEGINNING OF YEAR OF AGE | NUMBER DYING DURING YEAR OF AGE | IN YEAR OF AGE        | IN THIS YEAR OF AGE AND ALL SUBSEQUENT YEARS | AVERAGE NUMBER OF YEARS OF LIFE REMAINING AT BEGINNING OF YEAR OF AGE |
| (1)                                          | (2)                                                                       | (3)                                       | (4)                             | (5)                   | (6)                                          | (7)                                                                   |
| $x$ to $x+1$                                 | $q_x$                                                                     | $l_x$                                     | $d_x$                           | $L_x$                 | $T_x$                                        | $e_x$                                                                 |
| 55-56.....                                   | .00525                                                                    | 92,391                                    | 486                             | 92,148                | 2,474,017                                    | 26.78                                                                 |
| 56-57.....                                   | .00573                                                                    | 91,905                                    | 526                             | 91,642                | 2,381,869                                    | 25.92                                                                 |
| 57-58.....                                   | .00635                                                                    | 91,379                                    | 581                             | 91,088                | 2,290,227                                    | 25.06                                                                 |
| 58-59.....                                   | .00715                                                                    | 90,798                                    | 649                             | 90,474                | 2,199,139                                    | 24.22                                                                 |
| 59-60.....                                   | .00808                                                                    | 90,149                                    | 729                             | 89,785                | 2,108,665                                    | 23.39                                                                 |
| 60-61.....                                   | .00908                                                                    | 89,420                                    | 811                             | 89,014                | 2,018,880                                    | 22.58                                                                 |
| 61-62.....                                   | .01008                                                                    | 88,609                                    | 894                             | 88,162                | 1,929,866                                    | 21.78                                                                 |
| 62-63.....                                   | .01109                                                                    | 87,715                                    | 973                             | 87,228                | 1,841,704                                    | 21.00                                                                 |
| 63-64.....                                   | .01209                                                                    | 86,742                                    | 1,049                           | 86,218                | 1,754,476                                    | 20.23                                                                 |
| 64-65.....                                   | .01310                                                                    | 85,693                                    | 1,123                           | 85,131                | 1,668,258                                    | 19.47                                                                 |
| 65-66.....                                   | .01420                                                                    | 84,570                                    | 1,201                           | 83,970                | 1,583,127                                    | 18.72                                                                 |
| 66-67.....                                   | .01538                                                                    | 83,369                                    | 1,282                           | 82,727                | 1,499,157                                    | 17.98                                                                 |
| 67-68.....                                   | .01656                                                                    | 82,087                                    | 1,359                           | 81,408                | 1,416,430                                    | 17.26                                                                 |
| 68-69.....                                   | .01773                                                                    | 80,728                                    | 1,432                           | 80,012                | 1,335,022                                    | 16.54                                                                 |
| 69-70.....                                   | .01897                                                                    | 79,296                                    | 1,504                           | 78,544                | 1,255,010                                    | 15.83                                                                 |
| 70-71.....                                   | .02033                                                                    | 77,792                                    | 1,582                           | 77,001                | 1,176,466                                    | 15.12                                                                 |
| 71-72.....                                   | .02192                                                                    | 76,210                                    | 1,670                           | 75,375                | 1,099,465                                    | 14.43                                                                 |
| 72-73.....                                   | .02389                                                                    | 74,540                                    | 1,781                           | 73,649                | 1,024,090                                    | 13.74                                                                 |
| 73-74.....                                   | .02635                                                                    | 72,759                                    | 1,917                           | 71,801                | 950,441                                      | 13.06                                                                 |
| 74-75.....                                   | .02925                                                                    | 70,842                                    | 2,072                           | 69,805                | 878,640                                      | 12.40                                                                 |
| 75-76.....                                   | .03254                                                                    | 68,770                                    | 2,238                           | 67,651                | 808,835                                      | 11.76                                                                 |
| 76-77.....                                   | .03617                                                                    | 66,532                                    | 2,406                           | 65,329                | 741,184                                      | 11.14                                                                 |
| 77-78.....                                   | .04012                                                                    | 64,126                                    | 2,573                           | 62,840                | 675,855                                      | 10.54                                                                 |
| 78-79.....                                   | .04437                                                                    | 61,553                                    | 2,730                           | 60,188                | 613,015                                      | 9.96                                                                  |
| 79-80.....                                   | .04899                                                                    | 58,823                                    | 2,882                           | 57,381                | 552,827                                      | 9.40                                                                  |
| 80-81.....                                   | .05398                                                                    | 55,941                                    | 3,020                           | 54,431                | 495,446                                      | 8.86                                                                  |
| 81-82.....                                   | .05956                                                                    | 52,921                                    | 3,152                           | 51,345                | 441,015                                      | 8.33                                                                  |
| 82-83.....                                   | .06601                                                                    | 49,769                                    | 3,285                           | 48,126                | 389,670                                      | 7.83                                                                  |
| 83-84.....                                   | .07340                                                                    | 46,484                                    | 3,412                           | 44,778                | 341,544                                      | 7.35                                                                  |
| 84-85.....                                   | .08146                                                                    | 43,072                                    | 3,508                           | 41,318                | 296,766                                      | 6.89                                                                  |
| 85-86.....                                   | .09000                                                                    | 39,564                                    | 3,561                           | 37,783                | 255,448                                      | 6.46                                                                  |
| 86-87.....                                   | .09886                                                                    | 36,003                                    | 3,560                           | 34,223                | 217,665                                      | 6.05                                                                  |
| 87-88.....                                   | .10835                                                                    | 32,443                                    | 3,515                           | 30,686                | 183,442                                      | 5.65                                                                  |
| 88-89.....                                   | .11900                                                                    | 28,928                                    | 3,442                           | 27,207                | 152,756                                      | 5.28                                                                  |
| 89-90.....                                   | .13131                                                                    | 25,486                                    | 3,347                           | 23,813                | 125,549                                      | 4.93                                                                  |
| 90-91.....                                   | .14603                                                                    | 22,139                                    | 3,233                           | 20,523                | 101,736                                      | 4.60                                                                  |
| 91-92.....                                   | .16229                                                                    | 18,906                                    | 3,068                           | 17,372                | 81,213                                       | 4.30                                                                  |
| 92-93.....                                   | .17844                                                                    | 15,838                                    | 2,826                           | 14,425                | 63,841                                       | 4.03                                                                  |
| 93-94.....                                   | .19318                                                                    | 13,012                                    | 2,514                           | 11,755                | 49,416                                       | 3.80                                                                  |
| 94-95.....                                   | .20723                                                                    | 10,498                                    | 2,175                           | 9,410                 | 37,661                                       | 3.59                                                                  |
| 95-96.....                                   | .22228                                                                    | 8,323                                     | 1,850                           | 7,398                 | 28,251                                       | 3.39                                                                  |
| 96-97.....                                   | .23729                                                                    | 6,473                                     | 1,536                           | 5,704                 | 20,853                                       | 3.22                                                                  |
| 97-98.....                                   | .25173                                                                    | 4,937                                     | 1,243                           | 4,316                 | 15,149                                       | 3.07                                                                  |
| 98-99.....                                   | .26551                                                                    | 3,694                                     | 981                             | 3,203                 | 10,833                                       | 2.93                                                                  |
| 99-100.....                                  | .27859                                                                    | 2,713                                     | 756                             | 2,336                 | 7,630                                        | 2.81                                                                  |
| 100-101.....                                 | .29094                                                                    | 1,957                                     | 569                             | 1,672                 | 5,294                                        | 2.70                                                                  |
| 101-102.....                                 | .30255                                                                    | 1,388                                     | 420                             | 1,178                 | 3,622                                        | 2.61                                                                  |
| 102-103.....                                 | .31342                                                                    | 968                                       | 303                             | 817                   | 2,444                                        | 2.52                                                                  |
| 103-104.....                                 | .32355                                                                    | 665                                       | 215                             | 557                   | 1,627                                        | 2.45                                                                  |
| 104-105.....                                 | .33297                                                                    | 450                                       | 150                             | 374                   | 1,070                                        | 2.38                                                                  |
| 105-106.....                                 | .34168                                                                    | 300                                       | 103                             | 249                   | 696                                          | 2.32                                                                  |
| 106-107.....                                 | .34973                                                                    | 197                                       | 69                              | 163                   | 447                                          | 2.26                                                                  |
| 107-108.....                                 | .35715                                                                    | 128                                       | 45                              | 105                   | 284                                          | 2.21                                                                  |
| 108-109.....                                 | .36397                                                                    | 83                                        | 31                              | 68                    | 179                                          | 2.17                                                                  |
| 109-110.....                                 | .37022                                                                    | 52                                        | 19                              | 43                    | 111                                          | 2.12                                                                  |

TABLE 7. STANDARD ERRORS OF THE PROBABILITY OF DYING: MONTANA, 1979-81

| EXACT<br>AGE<br>IN<br>YEARS | TOTAL         |         |         | WHITE         |         |         | ALL OTHER     |      |        |               |      |        |
|-----------------------------|---------------|---------|---------|---------------|---------|---------|---------------|------|--------|---------------|------|--------|
|                             | BOTH<br>SEXES | MALE    | FEMALE  | BOTH<br>SEXES | MALE    | FEMALE  | TOTAL         |      |        | BLACK         |      |        |
|                             |               |         |         |               |         |         | BOTH<br>SEXES | MALE | FEMALE | BOTH<br>SEXES | MALE | FEMALE |
| 0.....                      | .000514       | .000723 | .000729 | .000532       | .000767 | .000735 | *             | *    | *      | *             | *    | *      |
| 1.....                      | .000145       | .000212 | .000195 | .000144       | .000212 | .000195 | *             | *    | *      | *             | *    | *      |
| 2.....                      | .000136       | .000197 | .000187 | .000137       | .000200 | .000186 | *             | *    | *      | *             | *    | *      |
| 3.....                      | .000126       | .000189 | .000166 | .000128       | .000189 | .000171 | *             | *    | *      | *             | *    | *      |
| 4.....                      | .000116       | .000177 | .000149 | .000116       | .000174 | .000151 | *             | *    | *      | *             | *    | *      |
| 5.....                      | .000106       | .000159 | .000140 | .000105       | .000157 | .000139 | *             | *    | *      | *             | *    | *      |
| 6.....                      | .000103       | .000157 | .000131 | .000101       | .000153 | .000130 | *             | *    | *      | *             | *    | *      |
| 7.....                      | .000099       | .000154 | .000123 | .000097       | .000149 | .000121 | *             | *    | *      | *             | *    | *      |
| 8.....                      | .000093       | .000147 | .000112 | .000090       | .000142 | .000110 | *             | *    | *      | *             | *    | *      |
| 9.....                      | .000084       | .000134 | .000098 | .000081       | .000129 | .000097 | *             | *    | *      | *             | *    | *      |
| 10.....                     | .000074       | .000121 | .000085 | .000073       | .000117 | .000085 | *             | *    | *      | *             | *    | *      |
| 11.....                     | .000074       | .000123 | .000081 | .000074       | .000121 | .000083 | *             | *    | *      | *             | *    | *      |
| 12.....                     | .000091       | .000152 | .000097 | .000090       | .000150 | .000099 | *             | *    | *      | *             | *    | *      |
| 13.....                     | .000118       | .000197 | .000125 | .000116       | .000193 | .000126 | *             | *    | *      | *             | *    | *      |
| 14.....                     | .000143       | .000237 | .000153 | .000140       | .000232 | .000153 | *             | *    | *      | *             | *    | *      |
| 15.....                     | .000162       | .000267 | .000175 | .000159       | .000261 | .000174 | *             | *    | *      | *             | *    | *      |
| 16.....                     | .000174       | .000286 | .000190 | .000171       | .000280 | .000188 | *             | *    | *      | *             | *    | *      |
| 17.....                     | .000183       | .000299 | .000200 | .000179       | .000293 | .000197 | *             | *    | *      | *             | *    | *      |
| 18.....                     | .000187       | .000308 | .000204 | .000183       | .000301 | .000201 | *             | *    | *      | *             | *    | *      |
| 19.....                     | .000190       | .000314 | .000205 | .000186       | .000307 | .000202 | *             | *    | *      | *             | *    | *      |
| 20.....                     | .000192       | .000321 | .000207 | .000188       | .000314 | .000203 | *             | *    | *      | *             | *    | *      |
| 21.....                     | .000195       | .000328 | .000209 | .000191       | .000321 | .000204 | *             | *    | *      | *             | *    | *      |
| 22.....                     | .000196       | .000332 | .000208 | .000191       | .000324 | .000203 | *             | *    | *      | *             | *    | *      |
| 23.....                     | .000194       | .000331 | .000204 | .000190       | .000323 | .000200 | *             | *    | *      | *             | *    | *      |
| 24.....                     | .000191       | .000327 | .000199 | .000186       | .000318 | .000194 | *             | *    | *      | *             | *    | *      |
| 25.....                     | .000187       | .000321 | .000192 | .000182       | .000312 | .000187 | *             | *    | *      | *             | *    | *      |
| 26.....                     | .000184       | .000317 | .000186 | .000179       | .000307 | .000181 | *             | *    | *      | *             | *    | *      |
| 27.....                     | .000183       | .000315 | .000184 | .000177       | .000304 | .000178 | *             | *    | *      | *             | *    | *      |
| 28.....                     | .000185       | .000316 | .000187 | .000178       | .000306 | .000179 | *             | *    | *      | *             | *    | *      |
| 29.....                     | .000189       | .000320 | .000196 | .000182       | .000311 | .000183 | *             | *    | *      | *             | *    | *      |
| 30.....                     | .000195       | .000326 | .000207 | .000187       | .000317 | .000190 | *             | *    | *      | *             | *    | *      |
| 31.....                     | .000201       | .000332 | .000219 | .000192       | .000323 | .000196 | *             | *    | *      | *             | *    | *      |
| 32.....                     | .000208       | .000339 | .000232 | .000198       | .000330 | .000206 | *             | *    | *      | *             | *    | *      |
| 33.....                     | .000216       | .000349 | .000245 | .000205       | .000340 | .000217 | *             | *    | *      | *             | *    | *      |
| 34.....                     | .000224       | .000361 | .000259 | .000213       | .000351 | .000231 | *             | *    | *      | *             | *    | *      |
| 35.....                     | .000235       | .000376 | .000276 | .000223       | .000364 | .000248 | *             | *    | *      | *             | *    | *      |
| 36.....                     | .000247       | .000394 | .000295 | .000234       | .000381 | .000267 | *             | *    | *      | *             | *    | *      |
| 37.....                     | .000261       | .000413 | .000315 | .000247       | .000398 | .000288 | *             | *    | *      | *             | *    | *      |
| 38.....                     | .000275       | .000434 | .000334 | .000260       | .000416 | .000308 | *             | *    | *      | *             | *    | *      |
| 39.....                     | .000289       | .000454 | .000354 | .000272       | .000434 | .000327 | *             | *    | *      | *             | *    | *      |
| 40.....                     | .000304       | .000478 | .000374 | .000287       | .000454 | .000348 | *             | *    | *      | *             | *    | *      |
| 41.....                     | .000321       | .000504 | .000395 | .000303       | .000478 | .000370 | *             | *    | *      | *             | *    | *      |
| 42.....                     | .000338       | .000532 | .000417 | .000320       | .000505 | .000394 | *             | *    | *      | *             | *    | *      |
| 43.....                     | .000355       | .000559 | .000439 | .000339       | .000533 | .000419 | *             | *    | *      | *             | *    | *      |
| 44.....                     | .000374       | .000587 | .000463 | .000360       | .000563 | .000446 | *             | *    | *      | *             | *    | *      |
| 45.....                     | .000393       | .000616 | .000488 | .000382       | .000596 | .000475 | *             | *    | *      | *             | *    | *      |
| 46.....                     | .000414       | .000648 | .000513 | .000405       | .000631 | .000505 | *             | *    | *      | *             | *    | *      |
| 47.....                     | .000435       | .000684 | .000537 | .000428       | .000669 | .000530 | *             | *    | *      | *             | *    | *      |
| 48.....                     | .000456       | .000721 | .000556 | .000449       | .000709 | .000549 | *             | *    | *      | *             | *    | *      |
| 49.....                     | .000475       | .000758 | .000571 | .000468       | .000748 | .000563 | *             | *    | *      | *             | *    | *      |
| 50.....                     | .000493       | .000794 | .000586 | .000487       | .000786 | .000575 | *             | *    | *      | *             | *    | *      |
| 51.....                     | .000511       | .000828 | .000602 | .000505       | .000822 | .000590 | *             | *    | *      | *             | *    | *      |
| 52.....                     | .000530       | .000863 | .000620 | .000525       | .000858 | .000608 | *             | *    | *      | *             | *    | *      |
| 53.....                     | .000551       | .000899 | .000641 | .000547       | .000896 | .000632 | *             | *    | *      | *             | *    | *      |
| 54.....                     | .000574       | .000938 | .000667 | .000572       | .000937 | .000661 | *             | *    | *      | *             | *    | *      |

TABLE 7. STANDARD ERRORS OF THE PROBABILITY OF DYING: MONTANA, 1979-81--CON.

| EXACT<br>AGE<br>IN<br>YEARS | TOTAL         |         |         | WHITE         |         |         | ALL OTHER     |      |        |               |      |        |
|-----------------------------|---------------|---------|---------|---------------|---------|---------|---------------|------|--------|---------------|------|--------|
|                             |               |         |         |               |         |         | TOTAL         |      |        | BLACK         |      |        |
|                             | BOTH<br>SEXES | MALE    | FEMALE  | BOTH<br>SEXES | MALE    | FEMALE  | BOTH<br>SEXES | MALE | FEMALE | BOTH<br>SEXES | MALE | FEMALE |
| 55.....                     | .000598       | .000978 | .000693 | .000598       | .000979 | .000692 | *             | *    | *      | *             | *    | *      |
| 56.....                     | .000623       | .001020 | .000722 | .000625       | .001024 | .000724 | *             | *    | *      | *             | *    | *      |
| 57.....                     | .000654       | .001069 | .000761 | .000657       | .001074 | .000764 | *             | *    | *      | *             | *    | *      |
| 58.....                     | .000691       | .001126 | .000810 | .000694       | .001130 | .000812 | *             | *    | *      | *             | *    | *      |
| 59.....                     | .000732       | .001188 | .000866 | .000733       | .001191 | .000864 | *             | *    | *      | *             | *    | *      |
| 60.....                     | .000774       | .001251 | .000922 | .000774       | .001254 | .000918 | *             | *    | *      | *             | *    | *      |
| 61.....                     | .000816       | .001316 | .000977 | .000815       | .001318 | .000971 | *             | *    | *      | *             | *    | *      |
| 62.....                     | .000859       | .001385 | .001031 | .000858       | .001387 | .001024 | *             | *    | *      | *             | *    | *      |
| 63.....                     | .000904       | .001460 | .001084 | .000904       | .001464 | .001078 | *             | *    | *      | *             | *    | *      |
| 64.....                     | .000951       | .001542 | .001137 | .000953       | .001551 | .001134 | *             | *    | *      | *             | *    | *      |
| 65.....                     | .001002       | .001632 | .001195 | .001007       | .001645 | .001195 | *             | *    | *      | *             | *    | *      |
| 66.....                     | .001057       | .001729 | .001257 | .001065       | .001748 | .001260 | *             | *    | *      | *             | *    | *      |
| 67.....                     | .001119       | .001839 | .001325 | .001129       | .001862 | .001330 | *             | *    | *      | *             | *    | *      |
| 68.....                     | .001190       | .001965 | .001399 | .001200       | .001989 | .001406 | *             | *    | *      | *             | *    | *      |
| 69.....                     | .001270       | .002110 | .001484 | .001281       | .002132 | .001493 | *             | *    | *      | *             | *    | *      |
| 70.....                     | .001362       | .002273 | .001580 | .001372       | .002292 | .001591 | *             | *    | *      | *             | *    | *      |
| 71.....                     | .001464       | .002456 | .001690 | .001474       | .002472 | .001703 | *             | *    | *      | *             | *    | *      |
| 72.....                     | .001579       | .002661 | .001818 | .001590       | .002676 | .001833 | *             | *    | *      | *             | *    | *      |
| 73.....                     | .001707       | .002889 | .001966 | .001719       | .002909 | .001980 | *             | *    | *      | *             | *    | *      |
| 74.....                     | .001847       | .003143 | .002131 | .001862       | .003173 | .002143 | *             | *    | *      | *             | *    | *      |
| 75.....                     | .002005       | .003436 | .002314 | .002023       | .003481 | .002324 | *             | *    | *      | *             | *    | *      |
| 76.....                     | .002182       | .003772 | .002516 | .002204       | .003832 | .002524 | *             | *    | *      | *             | *    | *      |
| 77.....                     | .002371       | .004138 | .002733 | .002397       | .004212 | .002742 | *             | *    | *      | *             | *    | *      |
| 78.....                     | .002571       | .004530 | .002965 | .002601       | .004611 | .002980 | *             | *    | *      | *             | *    | *      |
| 79.....                     | .002786       | .004957 | .003216 | .002818       | .005036 | .003240 | *             | *    | *      | *             | *    | *      |
| 80.....                     | .003027       | .005454 | .003491 | .003061       | .005527 | .003527 | *             | *    | *      | *             | *    | *      |
| 81.....                     | .003301       | .006042 | .003798 | .003339       | .006110 | .003846 | *             | *    | *      | *             | *    | *      |
| 82.....                     | .003600       | .006682 | .004135 | .003642       | .006745 | .004194 | *             | *    | *      | *             | *    | *      |
| 83.....                     | .003910       | .007321 | .004497 | .003956       | .007388 | .004561 | *             | *    | *      | *             | *    | *      |
| 84.....                     | .004225       | .007932 | .004877 | .004274       | .008011 | .004941 | *             | *    | *      | *             | *    | *      |
| 85.....                     | .004542       | .008529 | .005269 | .004591       | .008621 | .005328 | *             | *    | *      | *             | *    | *      |
| 86.....                     | .004886       | .009179 | .005690 | .004935       | .009281 | .005745 | *             | *    | *      | *             | *    | *      |
| 87.....                     | .005302       | .009950 | .006195 | .005351       | .010060 | .006248 | *             | *    | *      | *             | *    | *      |
| 88.....                     | .005853       | .010957 | .006862 | .005904       | .011074 | .006915 | *             | *    | *      | *             | *    | *      |
| 89.....                     | .006582       | .012262 | .007749 | .006638       | .012388 | .007808 | *             | *    | *      | *             | *    | *      |
| 90.....                     | .007519       | .013844 | .008919 | .007580       | .013982 | .008983 | *             | *    | *      | *             | *    | *      |
| 91.....                     | .008654       | .015654 | .010373 | .008722       | .015806 | .010444 | *             | *    | *      | *             | *    | *      |
| 92.....                     | .010026       | .017828 | .012139 | .010106       | .018003 | .012220 | *             | *    | *      | *             | *    | *      |
| 93.....                     | .011623       | .020459 | .014155 | .011724       | .020670 | .014258 | *             | *    | *      | *             | *    | *      |
| 94.....                     | .013508       | .023736 | .016467 | .013646       | .024002 | .016615 | *             | *    | *      | *             | *    | *      |
| 95.....                     | .017211       | .030588 | .020936 | .017182       | .030275 | .020966 | *             | *    | *      | *             | *    | *      |
| 96.....                     | .020345       | .036310 | .024725 | .020407       | .036099 | .024881 | *             | *    | *      | *             | *    | *      |
| 97.....                     | .023799       | .043699 | .028765 | .023976       | .043846 | .029066 | *             | *    | *      | *             | *    | *      |
| 98.....                     | .028018       | .052333 | .033678 | .028368       | .052770 | .034189 | *             | *    | *      | *             | *    | *      |
| 99.....                     | .033157       | .063085 | .039682 | .033803       | .063968 | .040498 | *             | *    | *      | *             | *    | *      |
| 100.....                    | .039582       | .076530 | .047052 | .040560       | .078087 | .048307 | *             | *    | *      | *             | *    | *      |
| 101.....                    | .047483       | .093412 | .056139 | .049003       | .095970 | .058021 | *             | *    | *      | *             | *    | *      |
| 102.....                    | .057307       | .114686 | .067385 | .059582       | .118716 | .070159 | *             | *    | *      | *             | *    | *      |
| 103.....                    | .069556       | .141592 | .081359 | .072933       | .147767 | .085392 | *             | *    | *      | *             | *    | *      |
| 104.....                    | .084887       | .175733 | .098781 | .089824       | .185011 | .104588 | *             | *    | *      | *             | *    | *      |
| 105.....                    | .104135       | .219191 | .120575 | .111277       | .232932 | .128874 | *             | *    | *      | *             | *    | *      |
| 106.....                    | .128375       | .274670 | .147925 | .138622       | .294801 | .159710 | *             | *    | *      | *             | *    | *      |
| 107.....                    | .158988       | .345689 | .182348 | .173593       | .374930 | .198999 | *             | *    | *      | *             | *    | *      |
| 108.....                    | .197753       | .436833 | .225791 | .218457       | .479016 | .249223 | *             | *    | *      | *             | *    | *      |
| 109.....                    | .246961       | .554082 | .280760 | .276183       | .614598 | .313619 | *             | *    | *      | *             | *    | *      |

TABLE 8. STANDARD ERRORS OF THE AVERAGE REMAINING LIFETIME: MONTANA, 1979-81

| 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.....             | .107       | .147 | .149   | .108       | .149 | .149   | *          | *    | *      | *          | *    | *      |
| 1.....             | .101       | .139 | .139   | .101       | .140 | .139   | *          | *    | *      | *          | *    | *      |
| 2.....             | .100       | .139 | .139   | .101       | .139 | .138   | *          | *    | *      | *          | *    | *      |
| 3.....             | .100       | .138 | .138   | .100       | .139 | .138   | *          | *    | *      | *          | *    | *      |
| 4.....             | .100       | .138 | .137   | .100       | .138 | .137   | *          | *    | *      | *          | *    | *      |
| 5.....             | .099       | .137 | .137   | .099       | .138 | .137   | *          | *    | *      | *          | *    | *      |
| 6.....             | .099       | .137 | .137   | .099       | .137 | .136   | *          | *    | *      | *          | *    | *      |
| 7.....             | .099       | .137 | .136   | .099       | .137 | .136   | *          | *    | *      | *          | *    | *      |
| 8.....             | .099       | .136 | .136   | .099       | .137 | .136   | *          | *    | *      | *          | *    | *      |
| 9.....             | .098       | .136 | .136   | .099       | .137 | .136   | *          | *    | *      | *          | *    | *      |
| 10.....            | .098       | .136 | .136   | .099       | .136 | .136   | *          | *    | *      | *          | *    | *      |
| 11.....            | .098       | .136 | .136   | .098       | .136 | .135   | *          | *    | *      | *          | *    | *      |
| 12.....            | .098       | .136 | .136   | .098       | .136 | .135   | *          | *    | *      | *          | *    | *      |
| 13.....            | .098       | .135 | .136   | .098       | .136 | .135   | *          | *    | *      | *          | *    | *      |
| 14.....            | .098       | .135 | .135   | .098       | .135 | .135   | *          | *    | *      | *          | *    | *      |
| 15.....            | .098       | .134 | .135   | .098       | .135 | .135   | *          | *    | *      | *          | *    | *      |
| 16.....            | .097       | .134 | .135   | .097       | .134 | .134   | *          | *    | *      | *          | *    | *      |
| 17.....            | .097       | .133 | .134   | .097       | .134 | .134   | *          | *    | *      | *          | *    | *      |
| 18.....            | .096       | .132 | .134   | .096       | .133 | .133   | *          | *    | *      | *          | *    | *      |
| 19.....            | .096       | .132 | .133   | .096       | .132 | .133   | *          | *    | *      | *          | *    | *      |
| 20.....            | .095       | .131 | .133   | .096       | .131 | .133   | *          | *    | *      | *          | *    | *      |
| 21.....            | .095       | .130 | .132   | .095       | .131 | .132   | *          | *    | *      | *          | *    | *      |
| 22.....            | .095       | .129 | .132   | .095       | .130 | .132   | *          | *    | *      | *          | *    | *      |
| 23.....            | .094       | .129 | .132   | .094       | .129 | .131   | *          | *    | *      | *          | *    | *      |
| 24.....            | .094       | .128 | .131   | .094       | .128 | .131   | *          | *    | *      | *          | *    | *      |
| 25.....            | .093       | .127 | .131   | .094       | .128 | .131   | *          | *    | *      | *          | *    | *      |
| 26.....            | .093       | .127 | .131   | .093       | .127 | .130   | *          | *    | *      | *          | *    | *      |
| 27.....            | .093       | .126 | .130   | .093       | .126 | .130   | *          | *    | *      | *          | *    | *      |
| 28.....            | .092       | .125 | .130   | .093       | .126 | .130   | *          | *    | *      | *          | *    | *      |
| 29.....            | .092       | .125 | .130   | .092       | .125 | .130   | *          | *    | *      | *          | *    | *      |
| 30.....            | .092       | .124 | .130   | .092       | .125 | .129   | *          | *    | *      | *          | *    | *      |
| 31.....            | .092       | .124 | .129   | .092       | .124 | .129   | *          | *    | *      | *          | *    | *      |
| 32.....            | .091       | .123 | .129   | .091       | .124 | .129   | *          | *    | *      | *          | *    | *      |
| 33.....            | .091       | .123 | .129   | .091       | .123 | .128   | *          | *    | *      | *          | *    | *      |
| 34.....            | .091       | .122 | .128   | .091       | .123 | .128   | *          | *    | *      | *          | *    | *      |
| 35.....            | .090       | .122 | .128   | .091       | .122 | .128   | *          | *    | *      | *          | *    | *      |
| 36.....            | .090       | .121 | .127   | .090       | .122 | .127   | *          | *    | *      | *          | *    | *      |
| 37.....            | .089       | .120 | .127   | .090       | .121 | .127   | *          | *    | *      | *          | *    | *      |
| 38.....            | .089       | .120 | .126   | .089       | .120 | .127   | *          | *    | *      | *          | *    | *      |
| 39.....            | .089       | .119 | .126   | .089       | .120 | .126   | *          | *    | *      | *          | *    | *      |
| 40.....            | .088       | .118 | .125   | .089       | .119 | .126   | *          | *    | *      | *          | *    | *      |
| 41.....            | .088       | .118 | .125   | .088       | .118 | .125   | *          | *    | *      | *          | *    | *      |
| 42.....            | .087       | .117 | .124   | .088       | .118 | .124   | *          | *    | *      | *          | *    | *      |
| 43.....            | .087       | .116 | .123   | .087       | .117 | .124   | *          | *    | *      | *          | *    | *      |
| 44.....            | .086       | .115 | .122   | .087       | .116 | .123   | *          | *    | *      | *          | *    | *      |
| 45.....            | .085       | .114 | .121   | .086       | .115 | .122   | *          | *    | *      | *          | *    | *      |
| 46.....            | .085       | .113 | .121   | .085       | .114 | .121   | *          | *    | *      | *          | *    | *      |
| 47.....            | .084       | .112 | .120   | .085       | .113 | .120   | *          | *    | *      | *          | *    | *      |
| 48.....            | .083       | .111 | .119   | .084       | .112 | .119   | *          | *    | *      | *          | *    | *      |
| 49.....            | .083       | .110 | .118   | .083       | .111 | .118   | *          | *    | *      | *          | *    | *      |
| 50.....            | .082       | .109 | .117   | .083       | .110 | .117   | *          | *    | *      | *          | *    | *      |
| 51.....            | .081       | .108 | .116   | .082       | .109 | .116   | *          | *    | *      | *          | *    | *      |
| 52.....            | .080       | .107 | .115   | .081       | .108 | .116   | *          | *    | *      | *          | *    | *      |
| 53.....            | .080       | .106 | .114   | .080       | .107 | .115   | *          | *    | *      | *          | *    | *      |
| 54.....            | .079       | .104 | .113   | .080       | .106 | .114   | *          | *    | *      | *          | *    | *      |

TABLE 8. STANDARD ERRORS OF THE AVERAGE REMAINING LIFETIME: MONTANA, 1979-81--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 |
| 55.....            | .078       | .103  | .112   | .079       | .105  | .113   | *          | *    | *      | *          | *    | *      |
| 56.....            | .078       | .102  | .111   | .078       | .104  | .112   | *          | *    | *      | *          | *    | *      |
| 57.....            | .077       | .101  | .110   | .078       | .102  | .111   | *          | *    | *      | *          | *    | *      |
| 58.....            | .076       | .100  | .109   | .077       | .101  | .110   | *          | *    | *      | *          | *    | *      |
| 59.....            | .076       | .099  | .109   | .076       | .101  | .109   | *          | *    | *      | *          | *    | *      |
| 60.....            | .075       | .098  | .108   | .076       | .100  | .108   | *          | *    | *      | *          | *    | *      |
| 61.....            | .074       | .098  | .107   | .075       | .099  | .107   | *          | *    | *      | *          | *    | *      |
| 62.....            | .074       | .097  | .106   | .074       | .098  | .106   | *          | *    | *      | *          | *    | *      |
| 63.....            | .073       | .096  | .105   | .074       | .097  | .105   | *          | *    | *      | *          | *    | *      |
| 64.....            | .073       | .095  | .104   | .073       | .096  | .104   | *          | *    | *      | *          | *    | *      |
| 65.....            | .072       | .095  | .103   | .073       | .096  | .103   | *          | *    | *      | *          | *    | *      |
| 66.....            | .071       | .094  | .102   | .072       | .095  | .103   | *          | *    | *      | *          | *    | *      |
| 67.....            | .071       | .094  | .101   | .072       | .095  | .102   | *          | *    | *      | *          | *    | *      |
| 68.....            | .071       | .093  | .100   | .071       | .094  | .101   | *          | *    | *      | *          | *    | *      |
| 69.....            | .070       | .093  | .099   | .071       | .094  | .100   | *          | *    | *      | *          | *    | *      |
| 70.....            | .070       | .093  | .099   | .070       | .094  | .099   | *          | *    | *      | *          | *    | *      |
| 71.....            | .069       | .093  | .098   | .070       | .094  | .098   | *          | *    | *      | *          | *    | *      |
| 72.....            | .069       | .093  | .097   | .069       | .094  | .097   | *          | *    | *      | *          | *    | *      |
| 73.....            | .069       | .093  | .096   | .069       | .094  | .096   | *          | *    | *      | *          | *    | *      |
| 74.....            | .068       | .093  | .095   | .069       | .094  | .095   | *          | *    | *      | *          | *    | *      |
| 75.....            | .068       | .093  | .094   | .068       | .094  | .094   | *          | *    | *      | *          | *    | *      |
| 76.....            | .068       | .093  | .093   | .068       | .094  | .093   | *          | *    | *      | *          | *    | *      |
| 77.....            | .068       | .094  | .092   | .068       | .095  | .093   | *          | *    | *      | *          | *    | *      |
| 78.....            | .067       | .095  | .092   | .068       | .095  | .092   | *          | *    | *      | *          | *    | *      |
| 79.....            | .067       | .095  | .091   | .067       | .096  | .091   | *          | *    | *      | *          | *    | *      |
| 80.....            | .067       | .096  | .090   | .067       | .097  | .090   | *          | *    | *      | *          | *    | *      |
| 81.....            | .067       | .097  | .089   | .067       | .097  | .089   | *          | *    | *      | *          | *    | *      |
| 82.....            | .067       | .097  | .089   | .067       | .098  | .089   | *          | *    | *      | *          | *    | *      |
| 83.....            | .067       | .098  | .088   | .066       | .098  | .088   | *          | *    | *      | *          | *    | *      |
| 84.....            | .067       | .098  | .088   | .066       | .098  | .088   | *          | *    | *      | *          | *    | *      |
| 85.....            | .067       | .099  | .089   | .067       | .099  | .088   | *          | *    | *      | *          | *    | *      |
| 86.....            | .068       | .100  | .090   | .067       | .100  | .089   | *          | *    | *      | *          | *    | *      |
| 87.....            | .069       | .102  | .091   | .069       | .101  | .090   | *          | *    | *      | *          | *    | *      |
| 88.....            | .072       | .105  | .094   | .070       | .104  | .093   | *          | *    | *      | *          | *    | *      |
| 89.....            | .075       | .109  | .098   | .073       | .108  | .096   | *          | *    | *      | *          | *    | *      |
| 90.....            | .078       | .115  | .103   | .077       | .113  | .101   | *          | *    | *      | *          | *    | *      |
| 91.....            | .084       | .122  | .110   | .081       | .120  | .107   | *          | *    | *      | *          | *    | *      |
| 92.....            | .090       | .132  | .118   | .087       | .129  | .114   | *          | *    | *      | *          | *    | *      |
| 93.....            | .098       | .145  | .128   | .095       | .141  | .124   | *          | *    | *      | *          | *    | *      |
| 94.....            | .108       | .163  | .140   | .104       | .157  | .135   | *          | *    | *      | *          | *    | *      |
| 95.....            | .121       | .187  | .155   | .116       | .179  | .150   | *          | *    | *      | *          | *    | *      |
| 96.....            | .134       | .211  | .170   | .129       | .203  | .164   | *          | *    | *      | *          | *    | *      |
| 97.....            | .149       | .241  | .188   | .143       | .233  | .181   | *          | *    | *      | *          | *    | *      |
| 98.....            | .167       | .278  | .209   | .161       | .268  | .203   | *          | *    | *      | *          | *    | *      |
| 99.....            | .190       | .323  | .236   | .184       | .313  | .229   | *          | *    | *      | *          | *    | *      |
| 100.....           | .218       | .378  | .268   | .211       | .368  | .261   | *          | *    | *      | *          | *    | *      |
| 101.....           | .252       | .448  | .308   | .246       | .437  | .301   | *          | *    | *      | *          | *    | *      |
| 102.....           | .294       | .534  | .357   | .288       | .523  | .350   | *          | *    | *      | *          | *    | *      |
| 103.....           | .346       | .642  | .417   | .342       | .630  | .412   | *          | *    | *      | *          | *    | *      |
| 104.....           | .411       | .777  | .492   | .408       | .762  | .489   | *          | *    | *      | *          | *    | *      |
| 105.....           | .492       | .946  | .585   | .491       | .924  | .584   | *          | *    | *      | *          | *    | *      |
| 106.....           | .592       | 1.157 | .700   | .594       | 1.116 | .703   | *          | *    | *      | *          | *    | *      |
| 107.....           | .717       | 1.420 | .843   | .722       | 1.328 | .850   | *          | *    | *      | *          | *    | *      |
| 108.....           | .873       | 1.745 | 1.024  | .880       | 1.523 | 1.034  | *          | *    | *      | *          | *    | *      |
| 109.....           | 1.071      | 2.141 | 1.252  | 1.073      | 1.573 | 1.261  | *          | *    | *      | *          | *    | *      |

# U.S. Decennial Life Tables, 1979-81

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

## VOLUME I

- Number 1** *United States Life Tables.* This first report contains life tables by single years of age from birth to age 110 for the United States. Tables are included for the total population, the white population, the population other than white, and the black population. Within these large populations are tables showing the race-sex categories of male, female, and both sexes combined. Standard error tables for the probability of dying and of the average remaining lifetime are included for the first time in this series.
- Number 2** *United States Life Tables Eliminating Certain Causes of Death.* This report provides life tables analyzed by major groups of causes of death.
- Number 3** *Methodology of the National and State Life Tables.* This report describes in detail the methods of construction of the national and State life tables.
- Number 4** *Some Trends and Comparisons of United States Life Table Data: 1900-1981.* This report deals with trends and interpretations related to life expectancy and survivorship.

## VOLUME II

### Numbers

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