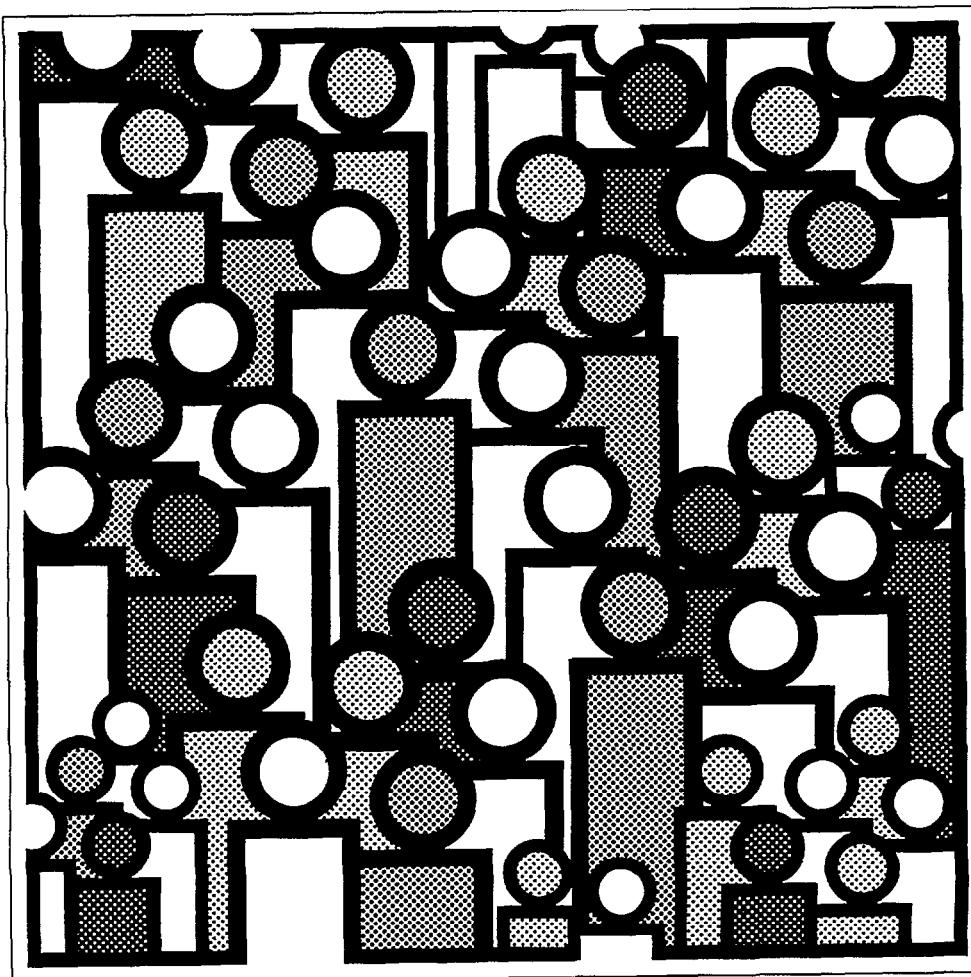


# **U.S. Decennial Life Tables for 1979-81**

**Volume II, State Life Tables  
Number 16, Iowa**



DHHS Publication No. (PHS) 86-1151-16

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

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## 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.

# Iowa 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 72.00 years for total males and 79.60 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 3d.

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 mis-reporting 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 .00292 with a standard error of .000261. Therefore the 68-percent confidence interval is from .00266 to .00318 and the 95-percent confidence interval is from .00240 to .00344. The life expectancy of a 50-year-old white female is 32.10 years with a standard error of .055 years. The 68-percent confidence interval for the life expectancy is therefore from 32.04 to 32.16 years and the 95-percent confidence interval is from 31.99 to 32.21 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 .00053—of every 1,000 reaching their 21st birthday, 0.53 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, 99,092 will complete the first year of life and enter the second, 98,398 will reach age 21, and 72,229 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, 908 will die in the first year of life, 52 in the 22d year, and 2,083 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 98,371. 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 98,371 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 5,885,337 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 7,959,629.

*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 98,371 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 98,398 (column 3) who reached the 21st birthday out of the original cohort of 100,000, and the corresponding figure (5,885,337) in column 6 is the total number of years lived after attaining age 21 by the 98,398 reaching that age. This number of years divided by the number of persons (5,885,337 divided by 98,398) gives 59.81 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 | 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 | 78.42  | 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: IOWA, 1979-81

| AGE IN YEARS                                       | PROPORTION DYING                                                                            | OF 100,000 BORN ALIVE                              |                                       | STATIONARY POPULATION |                                                          | AVERAGE REMAINING LIFETIME                                                           |
|----------------------------------------------------|---------------------------------------------------------------------------------------------|----------------------------------------------------|---------------------------------------|-----------------------|----------------------------------------------------------|--------------------------------------------------------------------------------------|
| PERIOD OF LIFE<br>BETWEEN TWO EXACT<br>AGES STATED | PROPORTION<br>OF PERSONS<br>ALIVE AT<br>BEGINNING OF<br>YEAR OF AGE<br>DYING DURING<br>YEAR | NUMBER<br>LIVING AT<br>BEGINNING OF<br>YEAR OF AGE | NUMBER DYING<br>DURING<br>YEAR OF AGE | IN<br>YEAR OF AGE     | IN THIS<br>YEAR OF AGE<br>AND ALL<br>SUBSEQUENT<br>YEARS | AVERAGE<br>NUMBER OF<br>YEARS OF LIFE<br>REMAINING AT<br>BEGINNING OF<br>YEAR OF AGE |
| (1)                                                | (2)                                                                                         | (3)                                                | (4)                                   | (5)                   | (6)                                                      | (7)                                                                                  |
| $x$ to $x + 1$                                     | $q_x$                                                                                       | $l_x$                                              | $d_x$                                 | $L_x$                 | $T_x$                                                    | $\bar{e}_x$                                                                          |
| 0-1.....                                           | .01083                                                                                      | 100,000                                            | 1,083                                 | 99,120                | 7,580,959                                                | 75.81                                                                                |
| 1-2.....                                           | .00075                                                                                      | 98,917                                             | 74                                    | 98,880                | 7,481,839                                                | 75.64                                                                                |
| 2-3.....                                           | .00063                                                                                      | 98,843                                             | 62                                    | 98,812                | 7,382,959                                                | 74.69                                                                                |
| 3-4.....                                           | .00050                                                                                      | 98,781                                             | 50                                    | 98,756                | 7,284,147                                                | 73.74                                                                                |
| 4-5.....                                           | .00040                                                                                      | 98,731                                             | 39                                    | 98,712                | 7,185,391                                                | 72.78                                                                                |
| 5-6.....                                           | .00034                                                                                      | 98,692                                             | 34                                    | 98,675                | 7,086,679                                                | 71.81                                                                                |
| 6-7.....                                           | .00030                                                                                      | 98,658                                             | 29                                    | 98,643                | 6,988,004                                                | 70.83                                                                                |
| 7-8.....                                           | .00027                                                                                      | 98,629                                             | 27                                    | 98,616                | 6,889,361                                                | 69.85                                                                                |
| 8-9.....                                           | .00024                                                                                      | 98,602                                             | 23                                    | 98,590                | 6,790,745                                                | 68.87                                                                                |
| 9-10.....                                          | .00021                                                                                      | 98,579                                             | 21                                    | 98,568                | 6,692,155                                                | 67.89                                                                                |
| 10-11.....                                         | .00019                                                                                      | 98,558                                             | 18                                    | 98,549                | 6,593,587                                                | 66.90                                                                                |
| 11-12.....                                         | .00020                                                                                      | 98,540                                             | 20                                    | 98,530                | 6,495,038                                                | 65.91                                                                                |
| 12-13.....                                         | .00026                                                                                      | 98,520                                             | 25                                    | 98,508                | 6,396,508                                                | 64.93                                                                                |
| 13-14.....                                         | .00038                                                                                      | 98,495                                             | 38                                    | 98,476                | 6,298,000                                                | 63.94                                                                                |
| 14-15.....                                         | .00053                                                                                      | 98,457                                             | 51                                    | 98,432                | 6,199,524                                                | 62.97                                                                                |
| 15-16.....                                         | .00068                                                                                      | 98,406                                             | 67                                    | 98,372                | 6,101,092                                                | 62.00                                                                                |
| 16-17.....                                         | .00080                                                                                      | 98,339                                             | 79                                    | 98,299                | 6,002,720                                                | 61.04                                                                                |
| 17-18.....                                         | .00090                                                                                      | 98,260                                             | 89                                    | 98,216                | 5,904,421                                                | 60.09                                                                                |
| 18-19.....                                         | .00097                                                                                      | 98,171                                             | 95                                    | 98,123                | 5,806,205                                                | 59.14                                                                                |
| 19-20.....                                         | .00101                                                                                      | 98,076                                             | 100                                   | 98,026                | 5,708,082                                                | 58.20                                                                                |
| 20-21.....                                         | .00106                                                                                      | 97,976                                             | 103                                   | 97,925                | 5,610,056                                                | 57.26                                                                                |
| 21-22.....                                         | .00110                                                                                      | 97,873                                             | 108                                   | 97,818                | 5,512,131                                                | 56.32                                                                                |
| 22-23.....                                         | .00112                                                                                      | 97,765                                             | 110                                   | 97,710                | 5,414,313                                                | 55.38                                                                                |
| 23-24.....                                         | .00110                                                                                      | 97,655                                             | 107                                   | 97,602                | 5,316,603                                                | 54.44                                                                                |
| 24-25.....                                         | .00105                                                                                      | 97,548                                             | 102                                   | 97,497                | 5,219,001                                                | 53.50                                                                                |
| 25-26.....                                         | .00099                                                                                      | 97,446                                             | 97                                    | 97,398                | 5,121,504                                                | 52.56                                                                                |
| 26-27.....                                         | .00093                                                                                      | 97,349                                             | 90                                    | 97,304                | 5,024,106                                                | 51.61                                                                                |
| 27-28.....                                         | .00089                                                                                      | 97,259                                             | 87                                    | 97,215                | 4,926,802                                                | 50.66                                                                                |
| 28-29.....                                         | .00087                                                                                      | 97,172                                             | 84                                    | 97,130                | 4,829,587                                                | 49.70                                                                                |
| 29-30.....                                         | .00087                                                                                      | 97,088                                             | 84                                    | 97,046                | 4,732,457                                                | 48.74                                                                                |
| 30-31.....                                         | .00087                                                                                      | 97,004                                             | 85                                    | 96,962                | 4,635,411                                                | 47.79                                                                                |
| 31-32.....                                         | .00087                                                                                      | 96,919                                             | 84                                    | 96,877                | 4,538,449                                                | 46.83                                                                                |
| 32-33.....                                         | .00090                                                                                      | 96,835                                             | 87                                    | 96,791                | 4,441,572                                                | 45.87                                                                                |
| 33-34.....                                         | .00096                                                                                      | 96,748                                             | 93                                    | 96,701                | 4,344,781                                                | 44.91                                                                                |
| 34-35.....                                         | .00104                                                                                      | 96,655                                             | 100                                   | 96,605                | 4,248,080                                                | 43.95                                                                                |
| 35-36.....                                         | .00115                                                                                      | 96,555                                             | 111                                   | 96,499                | 4,151,475                                                | 43.00                                                                                |
| 36-37.....                                         | .00128                                                                                      | 96,444                                             | 124                                   | 96,382                | 4,054,976                                                | 42.05                                                                                |
| 37-38.....                                         | .00141                                                                                      | 96,320                                             | 136                                   | 96,253                | 3,958,594                                                | 41.10                                                                                |
| 38-39.....                                         | .00152                                                                                      | 96,184                                             | 145                                   | 96,111                | 3,862,341                                                | 40.16                                                                                |
| 39-40.....                                         | .00161                                                                                      | 96,039                                             | 155                                   | 95,961                | 3,766,230                                                | 39.22                                                                                |
| 40-41.....                                         | .00173                                                                                      | 95,884                                             | 166                                   | 95,801                | 3,670,269                                                | 38.28                                                                                |
| 41-42.....                                         | .00187                                                                                      | 95,718                                             | 179                                   | 95,629                | 3,574,468                                                | 37.34                                                                                |
| 42-43.....                                         | .00203                                                                                      | 95,539                                             | 193                                   | 95,442                | 3,478,839                                                | 36.41                                                                                |
| 43-44.....                                         | .00221                                                                                      | 95,346                                             | 211                                   | 95,240                | 3,383,397                                                | 35.49                                                                                |
| 44-45.....                                         | .00242                                                                                      | 95,135                                             | 230                                   | 95,020                | 3,288,157                                                | 34.56                                                                                |
| 45-46.....                                         | .00265                                                                                      | 94,905                                             | 252                                   | 94,780                | 3,193,137                                                | 33.65                                                                                |
| 46-47.....                                         | .00293                                                                                      | 94,653                                             | 277                                   | 94,514                | 3,098,357                                                | 32.73                                                                                |
| 47-48.....                                         | .00324                                                                                      | 94,376                                             | 306                                   | 94,223                | 3,003,843                                                | 31.83                                                                                |
| 48-49.....                                         | .00359                                                                                      | 94,070                                             | 338                                   | 93,900                | 2,909,620                                                | 30.93                                                                                |
| 49-50.....                                         | .00397                                                                                      | 93,732                                             | 372                                   | 93,546                | 2,815,720                                                | 30.04                                                                                |
| 50-51.....                                         | .00435                                                                                      | 93,360                                             | 406                                   | 93,157                | 2,722,174                                                | 29.16                                                                                |
| 51-52.....                                         | .00476                                                                                      | 92,954                                             | 443                                   | 92,732                | 2,629,017                                                | 28.28                                                                                |
| 52-53.....                                         | .00526                                                                                      | 92,511                                             | 486                                   | 92,268                | 2,536,285                                                | 27.42                                                                                |
| 53-54.....                                         | .00589                                                                                      | 92,025                                             | 542                                   | 91,753                | 2,444,017                                                | 26.56                                                                                |
| 54-55.....                                         | .00662                                                                                      | 91,483                                             | 606                                   | 91,181                | 2,352,264                                                | 25.71                                                                                |

TABLE I. LIFE TABLE FOR THE TOTAL POPULATION: IOWA, 1979-81--CON.

| AGE IN YEARS                                       | PROPORTION DYING                                                                            | OF 100,000 BORN ALIVE                              |                                       | STATIONARY POPULATION |                                                          | AVERAGE REMAINING LIFETIME                                                           |
|----------------------------------------------------|---------------------------------------------------------------------------------------------|----------------------------------------------------|---------------------------------------|-----------------------|----------------------------------------------------------|--------------------------------------------------------------------------------------|
| PERIOD OF LIFE<br>BETWEEN TWO EXACT<br>AGES STATED | PROPORTION<br>OF PERSONS<br>ALIVE AT<br>BEGINNING OF<br>YEAR OF AGE<br>DYING DURING<br>YEAR | NUMBER<br>LIVING AT<br>BEGINNING OF<br>YEAR OF AGE | NUMBER DYING<br>DURING<br>YEAR OF AGE | IN<br>YEAR OF AGE     | IN THIS<br>YEAR OF AGE<br>AND ALL<br>SUBSEQUENT<br>YEARS | AVERAGE<br>NUMBER OF<br>YEARS OF LIFE<br>REMAINING AT<br>BEGINNING OF<br>YEAR OF AGE |
| (1)                                                | (2)                                                                                         | (3)                                                | (4)                                   | (5)                   | (6)                                                      | (7)                                                                                  |
| $x$ to $x + 1$                                     | $q_x$                                                                                       | $l_x$                                              | $d_x$                                 | $L_x$                 | $T_x$                                                    | $\delta_x$                                                                           |
| 55-56.....                                         | .00742                                                                                      | 90,877                                             | 674                                   | 90,540                | 2,261,083                                                | 24.88                                                                                |
| 56-57.....                                         | .00824                                                                                      | 90,203                                             | 744                                   | 89,831                | 2,170,543                                                | 24.06                                                                                |
| 57-58.....                                         | .00905                                                                                      | 89,459                                             | 809                                   | 89,054                | 2,080,712                                                | 23.26                                                                                |
| 58-59.....                                         | .00982                                                                                      | 88,650                                             | 871                                   | 88,215                | 1,991,658                                                | 22.47                                                                                |
| 59-60.....                                         | .01060                                                                                      | 87,779                                             | 930                                   | 87,314                | 1,903,443                                                | 21.68                                                                                |
| 60-61.....                                         | .01141                                                                                      | 86,849                                             | 991                                   | 86,353                | 1,816,129                                                | 20.91                                                                                |
| 61-62.....                                         | .01234                                                                                      | 85,858                                             | 1,059                                 | 85,329                | 1,729,776                                                | 20.15                                                                                |
| 62-63.....                                         | .01348                                                                                      | 84,799                                             | 1,143                                 | 84,228                | 1,644,447                                                | 19.39                                                                                |
| 63-64.....                                         | .01489                                                                                      | 83,656                                             | 1,245                                 | 83,034                | 1,560,219                                                | 18.65                                                                                |
| 64-65.....                                         | .01651                                                                                      | 82,411                                             | 1,360                                 | 81,730                | 1,477,185                                                | 17.92                                                                                |
| 65-66.....                                         | .01829                                                                                      | 81,051                                             | 1,483                                 | 80,310                | 1,395,455                                                | 17.22                                                                                |
| 66-67.....                                         | .02012                                                                                      | 79,568                                             | 1,601                                 | 78,768                | 1,315,145                                                | 16.53                                                                                |
| 67-68.....                                         | .02192                                                                                      | 77,967                                             | 1,709                                 | 77,113                | 1,236,377                                                | 15.86                                                                                |
| 68-69.....                                         | .02362                                                                                      | 76,258                                             | 1,801                                 | 75,357                | 1,159,264                                                | 15.20                                                                                |
| 69-70.....                                         | .02531                                                                                      | 74,457                                             | 1,885                                 | 73,515                | 1,083,907                                                | 14.56                                                                                |
| 70-71.....                                         | .02707                                                                                      | 72,572                                             | 1,964                                 | 71,590                | 1,010,392                                                | 13.92                                                                                |
| 71-72.....                                         | .02907                                                                                      | 70,608                                             | 2,053                                 | 69,581                | 938,802                                                  | 13.30                                                                                |
| 72-73.....                                         | .03138                                                                                      | 68,555                                             | 2,152                                 | 67,479                | 869,221                                                  | 12.68                                                                                |
| 73-74.....                                         | .03411                                                                                      | 66,403                                             | 2,264                                 | 65,271                | 801,742                                                  | 12.07                                                                                |
| 74-75.....                                         | .03722                                                                                      | 64,139                                             | 2,388                                 | 62,945                | 736,471                                                  | 11.48                                                                                |
| 75-76.....                                         | .04058                                                                                      | 61,751                                             | 2,505                                 | 60,498                | 673,526                                                  | 10.91                                                                                |
| 76-77.....                                         | .04418                                                                                      | 59,246                                             | 2,618                                 | 57,937                | 613,028                                                  | 10.35                                                                                |
| 77-78.....                                         | .04825                                                                                      | 56,628                                             | 2,732                                 | 55,262                | 555,091                                                  | 9.80                                                                                 |
| 78-79.....                                         | .05287                                                                                      | 53,896                                             | 2,850                                 | 52,471                | 499,829                                                  | 9.27                                                                                 |
| 79-80.....                                         | .05804                                                                                      | 51,046                                             | 2,963                                 | 49,565                | 447,358                                                  | 8.76                                                                                 |
| 80-81.....                                         | .06367                                                                                      | 48,083                                             | 3,061                                 | 46,552                | 397,793                                                  | 8.27                                                                                 |
| 81-82.....                                         | .06970                                                                                      | 45,022                                             | 3,138                                 | 43,453                | 351,241                                                  | 7.80                                                                                 |
| 82-83.....                                         | .07622                                                                                      | 41,884                                             | 3,193                                 | 40,288                | 307,788                                                  | 7.35                                                                                 |
| 83-84.....                                         | .08331                                                                                      | 38,691                                             | 3,223                                 | 37,079                | 267,500                                                  | 6.91                                                                                 |
| 84-85.....                                         | .09111                                                                                      | 35,468                                             | 3,231                                 | 33,853                | 230,421                                                  | 6.50                                                                                 |
| 85-86.....                                         | .10056                                                                                      | 32,237                                             | 3,242                                 | 30,615                | 196,568                                                  | 6.10                                                                                 |
| 86-87.....                                         | .11099                                                                                      | 28,995                                             | 3,219                                 | 27,386                | 165,953                                                  | 5.72                                                                                 |
| 87-88.....                                         | .12165                                                                                      | 25,776                                             | 3,135                                 | 24,208                | 138,567                                                  | 5.38                                                                                 |
| 88-89.....                                         | .13220                                                                                      | 22,641                                             | 2,993                                 | 21,144                | 114,359                                                  | 5.05                                                                                 |
| 89-90.....                                         | .14309                                                                                      | 19,648                                             | 2,812                                 | 18,242                | 93,215                                                   | 4.74                                                                                 |
| 90-91.....                                         | .15553                                                                                      | 16,836                                             | 2,618                                 | 15,527                | 74,973                                                   | 4.45                                                                                 |
| 91-92.....                                         | .16980                                                                                      | 14,218                                             | 2,415                                 | 13,010                | 59,446                                                   | 4.18                                                                                 |
| 92-93.....                                         | .18480                                                                                      | 11,803                                             | 2,181                                 | 10,713                | 46,436                                                   | 3.93                                                                                 |
| 93-94.....                                         | .19983                                                                                      | 9,622                                              | 1,923                                 | 8,661                 | 35,723                                                   | 3.71                                                                                 |
| 94-95.....                                         | .21475                                                                                      | 7,699                                              | 1,653                                 | 6,872                 | 27,062                                                   | 3.51                                                                                 |
| 95-96.....                                         | .22976                                                                                      | 6,046                                              | 1,389                                 | 5,352                 | 20,190                                                   | 3.34                                                                                 |
| 96-97.....                                         | .24338                                                                                      | 4,657                                              | 1,134                                 | 4,090                 | 14,838                                                   | 3.19                                                                                 |
| 97-98.....                                         | .25637                                                                                      | 3,523                                              | 903                                   | 3,072                 | 10,748                                                   | 3.05                                                                                 |
| 98-99.....                                         | .26868                                                                                      | 2,620                                              | 704                                   | 2,268                 | 7,676                                                    | 2.93                                                                                 |
| 99-100.....                                        | .28030                                                                                      | 1,916                                              | 537                                   | 1,647                 | 5,408                                                    | 2.82                                                                                 |
| 100-101.....                                       | .29120                                                                                      | 1,379                                              | 402                                   | 1,178                 | 3,761                                                    | 2.73                                                                                 |
| 101-102.....                                       | .30139                                                                                      | 977                                                | 294                                   | 831                   | 2,583                                                    | 2.64                                                                                 |
| 102-103.....                                       | .31089                                                                                      | 683                                                | 212                                   | 576                   | 1,752                                                    | 2.57                                                                                 |
| 103-104.....                                       | .31970                                                                                      | 471                                                | 151                                   | 396                   | 1,176                                                    | 2.50                                                                                 |
| 104-105.....                                       | .32786                                                                                      | 320                                                | 105                                   | 267                   | 780                                                      | 2.44                                                                                 |
| 105-106.....                                       | .33539                                                                                      | 215                                                | 72                                    | 179                   | 513                                                      | 2.38                                                                                 |
| 106-107.....                                       | .34233                                                                                      | 143                                                | 49                                    | 119                   | 324                                                      | 2.33                                                                                 |
| 107-108.....                                       | .34870                                                                                      | 94                                                 | 33                                    | 78                    | 215                                                      | 2.29                                                                                 |
| 108-109.....                                       | .35453                                                                                      | 61                                                 | 21                                    | 50                    | 137                                                      | 2.24                                                                                 |
| 109-110.....                                       | .35988                                                                                      | 40                                                 | 15                                    | 32                    | 87                                                       | 2.20                                                                                 |

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

| AGE IN YEARS<br>PERIOD OF LIFE<br>BETWEEN TWO EXACT<br>AGES STATED<br>(1) | PROPORTION<br>DYING<br>(2) | OF 100,000 BORN ALIVE                                     |                                              | STATIONARY POPULATION    |                                                                 | AVERAGE REMAIN-<br>ING LIFETIME<br>(7) |
|---------------------------------------------------------------------------|----------------------------|-----------------------------------------------------------|----------------------------------------------|--------------------------|-----------------------------------------------------------------|----------------------------------------|
|                                                                           |                            | NUMBER<br>LIVING AT<br>BEGINNING OF<br>YEAR OF AGE<br>(3) | NUMBER DYING<br>DURING<br>YEAR OF AGE<br>(4) | IN<br>YEAR OF AGE<br>(5) | IN THIS<br>YEAR OF AGE<br>AND ALL<br>SUBSEQUENT<br>YEARS<br>(6) |                                        |
| $x$ to $x + 1$                                                            | $q_x$                      | $l_x$                                                     | $d_x$                                        | $L_x$                    | $T_x$                                                           | $\bar{e}_x$                            |
| 0-1.....                                                                  | .01248                     | 100,000                                                   | 1,248                                        | 98,986                   | 7,200,193                                                       | 72.00                                  |
| 1-2.....                                                                  | .00087                     | 98,752                                                    | 86                                           | 98,709                   | 7,101,207                                                       | 71.91                                  |
| 2-3.....                                                                  | .00068                     | 98,666                                                    | 67                                           | 98,633                   | 7,002,498                                                       | 70.97                                  |
| 3-4.....                                                                  | .00058                     | 98,599                                                    | 58                                           | 98,570                   | 6,903,865                                                       | 70.02                                  |
| 4-5.....                                                                  | .00042                     | 98,541                                                    | 41                                           | 98,520                   | 6,805,295                                                       | 69.06                                  |
| 5-6.....                                                                  | .00037                     | 98,500                                                    | 36                                           | 98,482                   | 6,706,775                                                       | 68.09                                  |
| 6-7.....                                                                  | .00033                     | 98,464                                                    | 33                                           | 98,448                   | 6,608,293                                                       | 67.11                                  |
| 7-8.....                                                                  | .00031                     | 98,431                                                    | 31                                           | 98,415                   | 6,509,845                                                       | 66.14                                  |
| 8-9.....                                                                  | .00028                     | 98,400                                                    | 27                                           | 98,387                   | 6,411,430                                                       | 65.16                                  |
| 9-10.....                                                                 | .00024                     | 98,373                                                    | 24                                           | 98,361                   | 6,313,043                                                       | 64.17                                  |
| 10-11.....                                                                | .00022                     | 98,349                                                    | 21                                           | 98,339                   | 6,214,682                                                       | 63.19                                  |
| 11-12.....                                                                | .00024                     | 98,328                                                    | 23                                           | 98,316                   | 6,116,343                                                       | 62.20                                  |
| 12-13.....                                                                | .00033                     | 98,305                                                    | 33                                           | 98,288                   | 6,018,027                                                       | 61.22                                  |
| 13-14.....                                                                | .00051                     | 98,272                                                    | 51                                           | 98,246                   | 5,919,739                                                       | 60.24                                  |
| 14-15.....                                                                | .00074                     | 98,221                                                    | 72                                           | 98,185                   | 5,821,493                                                       | 59.27                                  |
| 15-16.....                                                                | .00097                     | 98,149                                                    | 96                                           | 98,101                   | 5,723,308                                                       | 58.31                                  |
| 16-17.....                                                                | .00116                     | 98,053                                                    | 114                                          | 97,997                   | 5,625,207                                                       | 57.37                                  |
| 17-18.....                                                                | .00132                     | 97,939                                                    | 129                                          | 97,875                   | 5,527,210                                                       | 56.43                                  |
| 18-19.....                                                                | .00143                     | 97,810                                                    | 140                                          | 97,740                   | 5,429,335                                                       | 55.51                                  |
| 19-20.....                                                                | .00151                     | 97,670                                                    | 147                                          | 97,597                   | 5,331,595                                                       | 54.59                                  |
| 20-21.....                                                                | .00160                     | 97,523                                                    | 156                                          | 97,444                   | 5,233,998                                                       | 53.67                                  |
| 21-22.....                                                                | .00167                     | 97,367                                                    | 163                                          | 97,286                   | 5,136,554                                                       | 52.75                                  |
| 22-23.....                                                                | .00170                     | 97,204                                                    | 166                                          | 97,121                   | 5,039,268                                                       | 51.84                                  |
| 23-24.....                                                                | .00167                     | 97,038                                                    | 162                                          | 96,957                   | 4,942,147                                                       | 50.93                                  |
| 24-25.....                                                                | .00159                     | 96,876                                                    | 154                                          | 96,799                   | 4,845,190                                                       | 50.01                                  |
| 25-26.....                                                                | .00148                     | 96,722                                                    | 143                                          | 96,651                   | 4,748,391                                                       | 49.09                                  |
| 26-27.....                                                                | .00138                     | 96,579                                                    | 133                                          | 96,513                   | 4,651,740                                                       | 48.16                                  |
| 27-28.....                                                                | .00130                     | 96,446                                                    | 125                                          | 96,383                   | 4,555,227                                                       | 47.23                                  |
| 28-29.....                                                                | .00125                     | 96,321                                                    | 121                                          | 96,260                   | 4,458,844                                                       | 46.29                                  |
| 29-30.....                                                                | .00124                     | 96,200                                                    | 119                                          | 96,140                   | 4,362,584                                                       | 45.35                                  |
| 30-31.....                                                                | .00123                     | 96,081                                                    | 118                                          | 96,022                   | 4,266,444                                                       | 44.40                                  |
| 31-32.....                                                                | .00122                     | 95,963                                                    | 117                                          | 95,905                   | 4,170,422                                                       | 43.46                                  |
| 32-33.....                                                                | .00123                     | 95,846                                                    | 118                                          | 95,787                   | 4,074,517                                                       | 42.51                                  |
| 33-34.....                                                                | .00129                     | 95,728                                                    | 124                                          | 95,666                   | 3,978,730                                                       | 41.56                                  |
| 34-35.....                                                                | .00139                     | 95,604                                                    | 132                                          | 95,538                   | 3,883,064                                                       | 40.62                                  |
| 35-36.....                                                                | .00152                     | 95,472                                                    | 145                                          | 95,399                   | 3,787,526                                                       | 39.67                                  |
| 36-37.....                                                                | .00168                     | 95,327                                                    | 160                                          | 95,247                   | 3,692,127                                                       | 38.73                                  |
| 37-38.....                                                                | .00184                     | 95,167                                                    | 175                                          | 95,079                   | 3,596,880                                                       | 37.80                                  |
| 38-39.....                                                                | .00197                     | 94,992                                                    | 187                                          | 94,899                   | 3,501,801                                                       | 36.86                                  |
| 39-40.....                                                                | .00209                     | 94,805                                                    | 199                                          | 94,705                   | 3,406,902                                                       | 35.94                                  |
| 40-41.....                                                                | .00224                     | 94,606                                                    | 212                                          | 94,500                   | 3,312,197                                                       | 35.01                                  |
| 41-42.....                                                                | .00243                     | 94,394                                                    | 229                                          | 94,280                   | 3,217,697                                                       | 34.09                                  |
| 42-43.....                                                                | .00263                     | 94,165                                                    | 248                                          | 94,040                   | 3,123,417                                                       | 33.17                                  |
| 43-44.....                                                                | .00286                     | 93,917                                                    | 269                                          | 93,783                   | 3,029,377                                                       | 32.26                                  |
| 44-45.....                                                                | .00312                     | 93,648                                                    | 292                                          | 93,502                   | 2,935,594                                                       | 31.35                                  |
| 45-46.....                                                                | .00342                     | 93,356                                                    | 318                                          | 93,197                   | 2,842,092                                                       | 30.44                                  |
| 46-47.....                                                                | .00377                     | 93,038                                                    | 351                                          | 92,862                   | 2,748,895                                                       | 29.55                                  |
| 47-48.....                                                                | .00420                     | 92,687                                                    | 390                                          | 92,492                   | 2,656,033                                                       | 28.66                                  |
| 48-49.....                                                                | .00470                     | 92,297                                                    | 434                                          | 92,080                   | 2,563,541                                                       | 27.77                                  |
| 49-50.....                                                                | .00525                     | 91,863                                                    | 482                                          | 91,622                   | 2,471,461                                                       | 26.90                                  |
| 50-51.....                                                                | .00579                     | 91,381                                                    | 530                                          | 91,116                   | 2,379,839                                                       | 26.04                                  |
| 51-52.....                                                                | .00637                     | 90,851                                                    | 579                                          | 90,562                   | 2,288,723                                                       | 25.19                                  |
| 52-53.....                                                                | .00707                     | 90,272                                                    | 637                                          | 89,954                   | 2,198,161                                                       | 24.35                                  |
| 53-54.....                                                                | .00792                     | 89,635                                                    | 710                                          | 89,279                   | 2,108,207                                                       | 23.52                                  |
| 54-55.....                                                                | .00892                     | 88,925                                                    | 793                                          | 88,529                   | 2,018,928                                                       | 22.70                                  |

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

| AGE IN YEARS                                    | PROPORTION DYING                                                          | OF 100,000 BORN ALIVE                     |                                 | STATIONARY POPULATION |                                              | AVERAGE REMAINING LIFETIME                                            |
|-------------------------------------------------|---------------------------------------------------------------------------|-------------------------------------------|---------------------------------|-----------------------|----------------------------------------------|-----------------------------------------------------------------------|
| PERIOD OF LIFE<br>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 $x + 1$                                  | $q_x$                                                                     | $l_x$                                     | $d_x$                           | $L_x$                 | $T_x$                                        | $\bar{e}_x$                                                           |
| 55-56.....                                      | .01003                                                                    | 88,132                                    | 884                             | 87,689                | 1,930,399                                    | 21.90                                                                 |
| 56-57.....                                      | .01116                                                                    | 87,248                                    | 974                             | 86,762                | 1,842,710                                    | 21.12                                                                 |
| 57-58.....                                      | .01229                                                                    | 86,274                                    | 1,059                           | 85,744                | 1,755,948                                    | 20.35                                                                 |
| 58-59.....                                      | .01338                                                                    | 85,215                                    | 1,141                           | 84,645                | 1,670,204                                    | 19.60                                                                 |
| 59-60.....                                      | .01449                                                                    | 84,074                                    | 1,218                           | 83,465                | 1,585,559                                    | 18.86                                                                 |
| 60-61.....                                      | .01566                                                                    | 82,856                                    | 1,297                           | 82,207                | 1,502,094                                    | 18.13                                                                 |
| 61-62.....                                      | .01679                                                                    | 81,559                                    | 1,386                           | 80,866                | 1,419,887                                    | 17.41                                                                 |
| 62-63.....                                      | .01881                                                                    | 80,173                                    | 1,492                           | 79,427                | 1,339,021                                    | 16.70                                                                 |
| 63-64.....                                      | .02082                                                                    | 78,681                                    | 1,623                           | 77,870                | 1,259,594                                    | 16.01                                                                 |
| 64-65.....                                      | .02293                                                                    | 77,058                                    | 1,766                           | 76,175                | 1,181,724                                    | 15.34                                                                 |
| 65-66.....                                      | .02545                                                                    | 75,292                                    | 1,916                           | 74,334                | 1,105,549                                    | 14.68                                                                 |
| 66-67.....                                      | .02805                                                                    | 73,376                                    | 2,058                           | 72,347                | 1,031,215                                    | 14.05                                                                 |
| 67-68.....                                      | .03064                                                                    | 71,318                                    | 2,185                           | 70,225                | 958,868                                      | 13.44                                                                 |
| 68-69.....                                      | .03318                                                                    | 69,133                                    | 2,294                           | 67,986                | 888,643                                      | 12.85                                                                 |
| 69-70.....                                      | .03574                                                                    | 66,839                                    | 2,389                           | 65,645                | 820,657                                      | 12.28                                                                 |
| 70-71.....                                      | .03845                                                                    | 64,450                                    | 2,478                           | 63,211                | 755,012                                      | 11.71                                                                 |
| 71-72.....                                      | .04146                                                                    | 61,972                                    | 2,569                           | 60,688                | 691,801                                      | 11.16                                                                 |
| 72-73.....                                      | .04485                                                                    | 59,403                                    | 2,664                           | 58,071                | 631,113                                      | 10.62                                                                 |
| 73-74.....                                      | .04874                                                                    | 56,739                                    | 2,766                           | 55,356                | 573,042                                      | 10.10                                                                 |
| 74-75.....                                      | .05311                                                                    | 53,973                                    | 2,866                           | 52,540                | 517,686                                      | 9.59                                                                  |
| 75-76.....                                      | .05791                                                                    | 51,107                                    | 2,960                           | 49,627                | 465,146                                      | 9.10                                                                  |
| 76-77.....                                      | .06309                                                                    | 48,147                                    | 3,038                           | 46,628                | 415,519                                      | 8.63                                                                  |
| 77-78.....                                      | .06866                                                                    | 45,109                                    | 3,097                           | 43,561                | 368,891                                      | 8.18                                                                  |
| 78-79.....                                      | .07456                                                                    | 42,012                                    | 3,132                           | 40,446                | 325,330                                      | 7.74                                                                  |
| 79-80.....                                      | .08082                                                                    | 38,880                                    | 3,142                           | 37,309                | 284,884                                      | 7.33                                                                  |
| 80-81.....                                      | .08763                                                                    | 35,738                                    | 3,132                           | 34,171                | 247,575                                      | 6.93                                                                  |
| 81-82.....                                      | .09506                                                                    | 32,606                                    | 3,099                           | 31,057                | 213,404                                      | 6.54                                                                  |
| 82-83.....                                      | .10293                                                                    | 29,507                                    | 3,038                           | 27,988                | 182,347                                      | 6.18                                                                  |
| 83-84.....                                      | .11122                                                                    | 26,469                                    | 2,943                           | 24,997                | 154,359                                      | 5.83                                                                  |
| 84-85.....                                      | .12002                                                                    | 23,526                                    | 2,824                           | 22,114                | 129,362                                      | 5.50                                                                  |
| 85-86.....                                      | .13026                                                                    | 20,702                                    | 2,697                           | 19,354                | 107,248                                      | 5.18                                                                  |
| 86-87.....                                      | .14153                                                                    | 18,005                                    | 2,548                           | 16,731                | 87,894                                       | 4.88                                                                  |
| 87-88.....                                      | .15298                                                                    | 15,457                                    | 2,365                           | 14,275                | 71,163                                       | 4.60                                                                  |
| 88-89.....                                      | .16425                                                                    | 13,092                                    | 2,150                           | 12,017                | 56,888                                       | 4.35                                                                  |
| 89-90.....                                      | .17570                                                                    | 10,942                                    | 1,922                           | 9,981                 | 44,871                                       | 4.10                                                                  |
| 90-91.....                                      | .18839                                                                    | 9,020                                     | 1,700                           | 8,170                 | 34,890                                       | 3.87                                                                  |
| 91-92.....                                      | .20281                                                                    | 7,320                                     | 1,484                           | 6,578                 | 26,720                                       | 3.65                                                                  |
| 92-93.....                                      | .21805                                                                    | 5,836                                     | 1,273                           | 5,200                 | 20,142                                       | 3.45                                                                  |
| 93-94.....                                      | .23324                                                                    | 4,563                                     | 1,064                           | 4,031                 | 14,942                                       | 3.27                                                                  |
| 94-95.....                                      | .24769                                                                    | 3,499                                     | 867                             | 3,065                 | 10,911                                       | 3.12                                                                  |
| 95-96.....                                      | .26149                                                                    | 2,632                                     | 688                             | 2,289                 | 7,846                                        | 2.98                                                                  |
| 96-97.....                                      | .27438                                                                    | 1,944                                     | 533                             | 1,677                 | 5,557                                        | 2.86                                                                  |
| 97-98.....                                      | .28654                                                                    | 1,411                                     | 405                             | 1,208                 | 3,820                                        | 2.75                                                                  |
| 98-99.....                                      | .29797                                                                    | 1,006                                     | 299                             | 857                   | 2,672                                        | 2.65                                                                  |
| 99-100.....                                     | .30867                                                                    | 707                                       | 219                             | 597                   | 1,815                                        | 2.57                                                                  |
| 100-101.....                                    | .31865                                                                    | 488                                       | 155                             | 411                   | 1,218                                        | 2.49                                                                  |
| 101-102.....                                    | .32792                                                                    | 333                                       | 109                             | 278                   | 807                                          | 2.43                                                                  |
| 102-103.....                                    | .33650                                                                    | 224                                       | 76                              | 186                   | 529                                          | 2.36                                                                  |
| 103-104.....                                    | .34443                                                                    | 148                                       | 51                              | 123                   | 343                                          | 2.31                                                                  |
| 104-105.....                                    | .35174                                                                    | 97                                        | 34                              | 80                    | 220                                          | 2.26                                                                  |
| 105-106.....                                    | .35845                                                                    | 63                                        | 23                              | 52                    | 140                                          | 2.22                                                                  |
| 106-107.....                                    | .36461                                                                    | 40                                        | 14                              | 33                    | 88                                           | 2.18                                                                  |
| 107-108.....                                    | .37024                                                                    | 26                                        | 10                              | 21                    | 55                                           | 2.14                                                                  |
| 108-109.....                                    | .37539                                                                    | 16                                        | 6                               | 13                    | 34                                           | 2.10                                                                  |
| 109-110.....                                    | .38009                                                                    | 10                                        | 4                               | 8                     | 21                                           | 2.07                                                                  |

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

| AGE IN YEARS<br>BETWEEN TWO EXACT AGES STATED<br>(1) | PROPORTION DYING<br>OF PERSONS ALIVE AT BEGINNING OF YEAR OF AGE DYING DURING YEAR<br>(2) | OF 100,000 BORN ALIVE                            |                                        | STATIONARY POPULATION |                                                     | AVERAGE REMAINING LIFETIME<br>YEARS OF LIFE REMAINING AT BEGINNING OF YEAR OF AGE<br>(7) |
|------------------------------------------------------|-------------------------------------------------------------------------------------------|--------------------------------------------------|----------------------------------------|-----------------------|-----------------------------------------------------|------------------------------------------------------------------------------------------|
|                                                      |                                                                                           | NUMBER LIVING AT BEGINNING OF YEAR OF AGE<br>(3) | NUMBER DYING DURING YEAR OF AGE<br>(4) | IN YEAR OF AGE<br>(5) | IN THIS YEAR OF AGE AND ALL SUBSEQUENT YEARS<br>(6) |                                                                                          |
| $x$ to $x + 1$                                       | $q_x$                                                                                     | $l_x$                                            | $d_x$                                  | $L_x$                 | $T_x$                                               | $\bar{e}_x$                                                                              |
| 0-1.....                                             | .00908                                                                                    | 100,000                                          | 908                                    | 99,261                | 7,959,629                                           | 79.60                                                                                    |
| 1-2.....                                             | .00062                                                                                    | 99,092                                           | 61                                     | 99,062                | 7,860,368                                           | 79.32                                                                                    |
| 2-3.....                                             | .00057                                                                                    | 99,031                                           | 57                                     | 99,002                | 7,761,306                                           | 78.37                                                                                    |
| 3-4.....                                             | .00043                                                                                    | 98,974                                           | 43                                     | 98,952                | 7,662,304                                           | 77.42                                                                                    |
| 4-5.....                                             | .00037                                                                                    | 98,931                                           | 37                                     | 98,913                | 7,563,352                                           | 76.45                                                                                    |
| 5-6.....                                             | .00031                                                                                    | 98,894                                           | 30                                     | 98,879                | 7,464,439                                           | 75.48                                                                                    |
| 6-7.....                                             | .00026                                                                                    | 98,864                                           | 26                                     | 98,851                | 7,365,560                                           | 74.50                                                                                    |
| 7-8.....                                             | .00023                                                                                    | 98,838                                           | 23                                     | 98,827                | 7,266,709                                           | 73.52                                                                                    |
| 8-9.....                                             | .00020                                                                                    | 98,815                                           | 19                                     | 98,805                | 7,167,882                                           | 72.54                                                                                    |
| 9-10.....                                            | .00017                                                                                    | 98,796                                           | 17                                     | 98,788                | 7,069,077                                           | 71.55                                                                                    |
| 10-11.....                                           | .00015                                                                                    | 98,779                                           | 15                                     | 98,771                | 6,970,289                                           | 70.56                                                                                    |
| 11-12.....                                           | .00016                                                                                    | 98,764                                           | 16                                     | 98,756                | 6,871,518                                           | 69.58                                                                                    |
| 12-13.....                                           | .00018                                                                                    | 98,748                                           | 17                                     | 98,740                | 6,772,762                                           | 68.59                                                                                    |
| 13-14.....                                           | .00024                                                                                    | 98,731                                           | 24                                     | 98,719                | 6,674,022                                           | 67.60                                                                                    |
| 14-15.....                                           | .00031                                                                                    | 98,707                                           | 30                                     | 98,692                | 6,575,303                                           | 66.61                                                                                    |
| 15-16.....                                           | .00038                                                                                    | 98,677                                           | 37                                     | 98,658                | 6,476,611                                           | 65.63                                                                                    |
| 16-17.....                                           | .00044                                                                                    | 98,640                                           | 43                                     | 98,619                | 6,377,953                                           | 64.66                                                                                    |
| 17-18.....                                           | .00048                                                                                    | 98,597                                           | 47                                     | 98,573                | 6,279,334                                           | 63.69                                                                                    |
| 18-19.....                                           | .00050                                                                                    | 98,550                                           | 50                                     | 98,525                | 6,180,761                                           | 62.72                                                                                    |
| 19-20.....                                           | .00051                                                                                    | 98,500                                           | 50                                     | 98,475                | 6,082,236                                           | 61.75                                                                                    |
| 20-21.....                                           | .00052                                                                                    | 98,450                                           | 52                                     | 98,424                | 5,983,761                                           | 60.78                                                                                    |
| 21-22.....                                           | .00053                                                                                    | 98,398                                           | 52                                     | 98,371                | 5,885,337                                           | 59.81                                                                                    |
| 22-23.....                                           | .00054                                                                                    | 98,346                                           | 53                                     | 98,320                | 5,786,966                                           | 58.84                                                                                    |
| 23-24.....                                           | .00053                                                                                    | 98,293                                           | 52                                     | 98,267                | 5,688,646                                           | 57.87                                                                                    |
| 24-25.....                                           | .00051                                                                                    | 98,241                                           | 50                                     | 98,216                | 5,590,379                                           | 56.90                                                                                    |
| 25-26.....                                           | .00049                                                                                    | 98,191                                           | 48                                     | 98,167                | 5,492,163                                           | 55.93                                                                                    |
| 26-27.....                                           | .00047                                                                                    | 98,143                                           | 47                                     | 98,120                | 5,393,996                                           | 54.96                                                                                    |
| 27-28.....                                           | .00046                                                                                    | 98,096                                           | 45                                     | 98,074                | 5,295,876                                           | 53.99                                                                                    |
| 28-29.....                                           | .00047                                                                                    | 98,051                                           | 46                                     | 98,028                | 5,197,802                                           | 53.01                                                                                    |
| 29-30.....                                           | .00048                                                                                    | 98,005                                           | 47                                     | 97,981                | 5,099,774                                           | 52.04                                                                                    |
| 30-31.....                                           | .00050                                                                                    | 97,958                                           | 49                                     | 97,934                | 5,001,793                                           | 51.06                                                                                    |
| 31-32.....                                           | .00053                                                                                    | 97,909                                           | 52                                     | 97,882                | 4,903,859                                           | 50.09                                                                                    |
| 32-33.....                                           | .00056                                                                                    | 97,857                                           | 55                                     | 97,830                | 4,805,977                                           | 49.11                                                                                    |
| 33-34.....                                           | .00062                                                                                    | 97,802                                           | 60                                     | 97,772                | 4,708,147                                           | 48.14                                                                                    |
| 34-35.....                                           | .00069                                                                                    | 97,742                                           | 68                                     | 97,708                | 4,610,375                                           | 47.17                                                                                    |
| 35-36.....                                           | .00078                                                                                    | 97,674                                           | 76                                     | 97,636                | 4,512,667                                           | 46.20                                                                                    |
| 36-37.....                                           | .00089                                                                                    | 97,598                                           | 87                                     | 97,554                | 4,415,031                                           | 45.24                                                                                    |
| 37-38.....                                           | .00099                                                                                    | 97,511                                           | 96                                     | 97,463                | 4,317,477                                           | 44.28                                                                                    |
| 38-39.....                                           | .00107                                                                                    | 97,415                                           | 105                                    | 97,362                | 4,220,014                                           | 43.32                                                                                    |
| 39-40.....                                           | .00114                                                                                    | 97,310                                           | 111                                    | 97,255                | 4,122,652                                           | 42.37                                                                                    |
| 40-41.....                                           | .00122                                                                                    | 97,199                                           | 119                                    | 97,139                | 4,025,397                                           | 41.41                                                                                    |
| 41-42.....                                           | .00132                                                                                    | 97,080                                           | 128                                    | 97,016                | 3,928,258                                           | 40.46                                                                                    |
| 42-43.....                                           | .00144                                                                                    | 96,952                                           | 139                                    | 96,882                | 3,831,242                                           | 39.52                                                                                    |
| 43-44.....                                           | .00158                                                                                    | 96,813                                           | 153                                    | 96,736                | 3,734,360                                           | 38.57                                                                                    |
| 44-45.....                                           | .00174                                                                                    | 96,660                                           | 169                                    | 96,576                | 3,637,624                                           | 37.63                                                                                    |
| 45-46.....                                           | .00193                                                                                    | 96,491                                           | 186                                    | 96,398                | 3,541,048                                           | 36.70                                                                                    |
| 46-47.....                                           | .00214                                                                                    | 96,305                                           | 207                                    | 96,201                | 3,444,650                                           | 35.77                                                                                    |
| 47-48.....                                           | .00235                                                                                    | 96,098                                           | 225                                    | 95,986                | 3,348,449                                           | 34.84                                                                                    |
| 48-49.....                                           | .00255                                                                                    | 95,873                                           | 245                                    | 95,750                | 3,252,463                                           | 33.92                                                                                    |
| 49-50.....                                           | .00276                                                                                    | 95,628                                           | 264                                    | 95,496                | 3,156,713                                           | 33.01                                                                                    |
| 50-51.....                                           | .00297                                                                                    | 95,364                                           | 283                                    | 95,223                | 3,061,217                                           | 32.10                                                                                    |
| 51-52.....                                           | .00321                                                                                    | 95,081                                           | 305                                    | 94,928                | 2,965,994                                           | 31.19                                                                                    |
| 52-53.....                                           | .00352                                                                                    | 94,776                                           | 334                                    | 94,609                | 2,871,066                                           | 30.29                                                                                    |
| 53-54.....                                           | .00393                                                                                    | 94,442                                           | 371                                    | 94,257                | 2,776,457                                           | 29.40                                                                                    |
| 54-55.....                                           | .00443                                                                                    | 94,071                                           | 417                                    | 93,863                | 2,682,200                                           | 28.51                                                                                    |

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

| AGE IN YEARS                                       | PROPORTION DYING                                                                            | OF 100,000 BORN ALIVE                              |                                       | STATIONARY POPULATION |                                                          | AVERAGE REMAINING LIFETIME                                                           |
|----------------------------------------------------|---------------------------------------------------------------------------------------------|----------------------------------------------------|---------------------------------------|-----------------------|----------------------------------------------------------|--------------------------------------------------------------------------------------|
| PERIOD OF LIFE<br>BETWEEN TWO EXACT<br>AGES STATED | PROPORTION<br>OF PERSONS<br>ALIVE AT<br>BEGINNING OF<br>YEAR OF AGE<br>DYING DURING<br>YEAR | NUMBER<br>LIVING AT<br>BEGINNING OF<br>YEAR OF AGE | NUMBER DYING<br>DURING<br>YEAR OF AGE | IN<br>YEAR OF AGE     | IN THIS<br>YEAR OF AGE<br>AND ALL<br>SUBSEQUENT<br>YEARS | AVERAGE<br>NUMBER OF<br>YEARS OF LIFE<br>REMAINING AT<br>BEGINNING OF<br>YEAR OF AGE |
| (1)                                                | (2)                                                                                         | (3)                                                | (4)                                   | (5)                   | (6)                                                      | (7)                                                                                  |
| $x$ to $x+1$                                       | $q_x$                                                                                       | $l_x$                                              | $d_x$                                 | $L_x$                 | $T_x$                                                    | $\bar{e}_x$                                                                          |
| 55-56.....                                         | .00497                                                                                      | 93,654                                             | 465                                   | 93,421                | 2,588,337                                                | 27.64                                                                                |
| 56-57.....                                         | .00552                                                                                      | 93,189                                             | 515                                   | 92,932                | 2,494,916                                                | 26.77                                                                                |
| 57-58.....                                         | .00606                                                                                      | 92,674                                             | 562                                   | 92,393                | 2,401,984                                                | 25.92                                                                                |
| 58-59.....                                         | .00656                                                                                      | 92,112                                             | 604                                   | 91,810                | 2,309,591                                                | 25.07                                                                                |
| 59-60.....                                         | .00706                                                                                      | 91,508                                             | 646                                   | 91,185                | 2,217,781                                                | 24.24                                                                                |
| 60-61.....                                         | .00758                                                                                      | 90,862                                             | 689                                   | 90,518                | 2,126,596                                                | 23.40                                                                                |
| 61-62.....                                         | .00820                                                                                      | 90,173                                             | 739                                   | 89,804                | 2,036,078                                                | 22.58                                                                                |
| 62-63.....                                         | .00895                                                                                      | 89,434                                             | 800                                   | 89,034                | 1,946,274                                                | 21.76                                                                                |
| 63-64.....                                         | .00989                                                                                      | 88,634                                             | 877                                   | 88,196                | 1,857,240                                                | 20.95                                                                                |
| 64-65.....                                         | .01097                                                                                      | 87,757                                             | 962                                   | 87,276                | 1,769,044                                                | 20.16                                                                                |
| 65-66.....                                         | .01218                                                                                      | 86,795                                             | 1,058                                 | 86,266                | 1,681,768                                                | 19.38                                                                                |
| 66-67.....                                         | .01345                                                                                      | 85,737                                             | 1,153                                 | 85,161                | 1,595,502                                                | 18.61                                                                                |
| 67-68.....                                         | .01468                                                                                      | 84,584                                             | 1,242                                 | 83,963                | 1,510,341                                                | 17.86                                                                                |
| 68-69.....                                         | .01583                                                                                      | 83,342                                             | 1,319                                 | 82,683                | 1,426,378                                                | 17.11                                                                                |
| 69-70.....                                         | .01697                                                                                      | 82,023                                             | 1,392                                 | 81,327                | 1,343,695                                                | 16.38                                                                                |
| 70-71.....                                         | .01819                                                                                      | 80,631                                             | 1,467                                 | 79,897                | 1,262,368                                                | 15.66                                                                                |
| 71-72.....                                         | .01962                                                                                      | 79,164                                             | 1,553                                 | 78,388                | 1,182,471                                                | 14.94                                                                                |
| 72-73.....                                         | .02138                                                                                      | 77,611                                             | 1,659                                 | 76,782                | 1,104,083                                                | 14.23                                                                                |
| 73-74.....                                         | .02354                                                                                      | 75,952                                             | 1,788                                 | 75,058                | 1,027,301                                                | 13.53                                                                                |
| 74-75.....                                         | .02610                                                                                      | 74,164                                             | 1,935                                 | 73,196                | 952,243                                                  | 12.84                                                                                |
| 75-76.....                                         | .02883                                                                                      | 72,229                                             | 2,083                                 | 71,187                | 879,047                                                  | 12.17                                                                                |
| 76-77.....                                         | .03181                                                                                      | 70,146                                             | 2,231                                 | 69,031                | 807,860                                                  | 11.52                                                                                |
| 77-78.....                                         | .03535                                                                                      | 67,915                                             | 2,401                                 | 66,714                | 738,829                                                  | 10.88                                                                                |
| 78-79.....                                         | .03962                                                                                      | 65,514                                             | 2,596                                 | 64,217                | 672,115                                                  | 10.26                                                                                |
| 79-80.....                                         | .04458                                                                                      | 62,918                                             | 2,804                                 | 61,516                | 607,898                                                  | 9.66                                                                                 |
| 80-81.....                                         | .04999                                                                                      | 60,114                                             | 3,006                                 | 58,611                | 546,382                                                  | 9.09                                                                                 |
| 81-82.....                                         | .05573                                                                                      | 57,108                                             | 3,183                                 | 55,517                | 487,771                                                  | 8.54                                                                                 |
| 82-83.....                                         | .06200                                                                                      | 53,925                                             | 3,343                                 | 52,253                | 432,254                                                  | 8.02                                                                                 |
| 83-84.....                                         | .06890                                                                                      | 50,582                                             | 3,485                                 | 48,840                | 380,001                                                  | 7.51                                                                                 |
| 84-85.....                                         | .07659                                                                                      | 47,097                                             | 3,607                                 | 45,293                | 331,161                                                  | 7.03                                                                                 |
| 85-86.....                                         | .08611                                                                                      | 43,490                                             | 3,745                                 | 41,618                | 285,868                                                  | 6.57                                                                                 |
| 86-87.....                                         | .09660                                                                                      | 39,745                                             | 3,839                                 | 37,825                | 244,250                                                  | 6.15                                                                                 |
| 87-88.....                                         | .10736                                                                                      | 35,906                                             | 3,855                                 | 33,978                | 206,425                                                  | 5.75                                                                                 |
| 88-89.....                                         | .11812                                                                                      | 32,051                                             | 3,786                                 | 30,158                | 172,447                                                  | 5.38                                                                                 |
| 89-90.....                                         | .12934                                                                                      | 28,265                                             | 3,656                                 | 26,437                | 142,289                                                  | 5.03                                                                                 |
| 90-91.....                                         | .14229                                                                                      | 24,609                                             | 3,502                                 | 22,858                | 115,852                                                  | 4.71                                                                                 |
| 91-92.....                                         | .15710                                                                                      | 21,107                                             | 3,316                                 | 19,450                | 92,994                                                   | 4.41                                                                                 |
| 92-93.....                                         | .17247                                                                                      | 17,791                                             | 3,068                                 | 16,257                | 73,544                                                   | 4.13                                                                                 |
| 93-94.....                                         | .18770                                                                                      | 14,723                                             | 2,764                                 | 13,341                | 57,287                                                   | 3.89                                                                                 |
| 94-95.....                                         | .20281                                                                                      | 11,959                                             | 2,425                                 | 10,747                | 43,946                                                   | 3.67                                                                                 |
| 95-96.....                                         | .21823                                                                                      | 9,534                                              | 2,081                                 | 8,493                 | 33,199                                                   | 3.48                                                                                 |
| 96-97.....                                         | .23221                                                                                      | 7,453                                              | 1,730                                 | 6,588                 | 24,706                                                   | 3.31                                                                                 |
| 97-98.....                                         | .24560                                                                                      | 5,723                                              | 1,406                                 | 5,020                 | 18,118                                                   | 3.17                                                                                 |
| 98-99.....                                         | .25834                                                                                      | 4,317                                              | 1,115                                 | 3,760                 | 13,098                                                   | 3.03                                                                                 |
| 99-100.....                                        | .27040                                                                                      | 3,202                                              | 866                                   | 2,769                 | 9,338                                                    | 2.92                                                                                 |
| 100-101.....                                       | .28176                                                                                      | 2,336                                              | 658                                   | 2,007                 | 6,569                                                    | 2.81                                                                                 |
| 101-102.....                                       | .29242                                                                                      | 1,678                                              | 491                                   | 1,432                 | 4,562                                                    | 2.72                                                                                 |
| 102-103.....                                       | .30237                                                                                      | 1,187                                              | 359                                   | 1,008                 | 3,130                                                    | 2.64                                                                                 |
| 103-104.....                                       | .31163                                                                                      | 828                                                | 258                                   | 699                   | 2,122                                                    | 2.56                                                                                 |
| 104-105.....                                       | .32023                                                                                      | 570                                                | 182                                   | 479                   | 1,423                                                    | 2.50                                                                                 |
| 105-106.....                                       | .32817                                                                                      | 388                                                | 128                                   | 324                   | 944                                                      | 2.44                                                                                 |
| 106-107.....                                       | .33550                                                                                      | 260                                                | 87                                    | 217                   | 620                                                      | 2.38                                                                                 |
| 107-108.....                                       | .34224                                                                                      | 173                                                | 59                                    | 143                   | 403                                                      | 2.33                                                                                 |
| 108-109.....                                       | .34843                                                                                      | 114                                                | 40                                    | 94                    | 260                                                      | 2.28                                                                                 |
| 109-110.....                                       | .35411                                                                                      | 74                                                 | 26                                    | 61                    | 166                                                      | 2.24                                                                                 |

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

| AGE IN YEARS                                       | PROPORTION DYING                                                                            | OF 100,000 BORN ALIVE                              |                                       | STATIONARY POPULATION |                                                          | AVERAGE REMAINING LIFETIME                                                           |
|----------------------------------------------------|---------------------------------------------------------------------------------------------|----------------------------------------------------|---------------------------------------|-----------------------|----------------------------------------------------------|--------------------------------------------------------------------------------------|
| PERIOD OF LIFE<br>BETWEEN TWO EXACT<br>AGES STATED | PROPORTION<br>OF PERSONS<br>ALIVE AT<br>BEGINNING OF<br>YEAR OF AGE<br>DYING DURING<br>YEAR | NUMBER<br>LIVING AT<br>BEGINNING OF<br>YEAR OF AGE | NUMBER DYING<br>DURING<br>YEAR OF AGE | IN<br>YEAR OF AGE     | IN THIS<br>YEAR OF AGE<br>AND ALL<br>SUBSEQUENT<br>YEARS | AVERAGE<br>NUMBER OF<br>YEARS OF LIFE<br>REMAINING AT<br>BEGINNING OF<br>YEAR OF AGE |
| (1)                                                | (2)                                                                                         | (3)                                                | (4)                                   | (5)                   | (6)                                                      | (7)                                                                                  |
| x to x + 1                                         | $q_x$                                                                                       | $L_x$                                              | $d_x$                                 | $L_x$                 | $T_x$                                                    | $\bar{e}_x$                                                                          |
| 0-1.....                                           | .01056                                                                                      | 100,000                                            | 1,056                                 | 99,140                | 7,588,072                                                | 75.88                                                                                |
| 1-2.....                                           | .00075                                                                                      | 98,944                                             | 74                                    | 98,907                | 7,488,932                                                | 75.69                                                                                |
| 2-3.....                                           | .00060                                                                                      | 98,870                                             | 59                                    | 98,840                | 7,390,025                                                | 74.75                                                                                |
| 3-4.....                                           | .00051                                                                                      | 98,811                                             | 50                                    | 98,786                | 7,291,185                                                | 73.79                                                                                |
| 4-5.....                                           | .00037                                                                                      | 98,761                                             | 37                                    | 98,743                | 7,192,399                                                | 72.83                                                                                |
| 5-6.....                                           | .00034                                                                                      | 98,724                                             | 33                                    | 98,708                | 7,093,656                                                | 71.85                                                                                |
| 6-7.....                                           | .00030                                                                                      | 98,691                                             | 29                                    | 98,676                | 6,994,948                                                | 70.88                                                                                |
| 7-8.....                                           | .00027                                                                                      | 98,662                                             | 27                                    | 98,648                | 6,896,272                                                | 69.90                                                                                |
| 8-9.....                                           | .00024                                                                                      | 98,635                                             | 24                                    | 98,623                | 6,797,624                                                | 68.92                                                                                |
| 9-10.....                                          | .00021                                                                                      | 98,611                                             | 21                                    | 98,600                | 6,699,001                                                | 67.93                                                                                |
| 10-11.....                                         | .00019                                                                                      | 98,590                                             | 18                                    | 98,580                | 6,600,401                                                | 66.95                                                                                |
| 11-12.....                                         | .00019                                                                                      | 98,572                                             | 19                                    | 98,562                | 6,501,821                                                | 65.96                                                                                |
| 12-13.....                                         | .00025                                                                                      | 98,553                                             | 25                                    | 98,541                | 6,403,259                                                | 64.97                                                                                |
| 13-14.....                                         | .00037                                                                                      | 98,528                                             | 37                                    | 98,509                | 6,304,718                                                | 63.99                                                                                |
| 14-15.....                                         | .00052                                                                                      | 98,491                                             | 51                                    | 98,466                | 6,206,209                                                | 63.01                                                                                |
| 15-16.....                                         | .00067                                                                                      | 98,440                                             | 66                                    | 98,407                | 6,107,743                                                | 62.05                                                                                |
| 16-17.....                                         | .00080                                                                                      | 98,374                                             | 78                                    | 98,335                | 6,009,336                                                | 61.09                                                                                |
| 17-18.....                                         | .00090                                                                                      | 98,296                                             | 88                                    | 98,252                | 5,911,001                                                | 60.13                                                                                |
| 18-19.....                                         | .00096                                                                                      | 98,208                                             | 95                                    | 98,160                | 5,812,749                                                | 59.19                                                                                |
| 19-20.....                                         | .00101                                                                                      | 98,113                                             | 99                                    | 98,063                | 5,714,589                                                | 58.25                                                                                |
| 20-21.....                                         | .00105                                                                                      | 98,014                                             | 103                                   | 97,962                | 5,616,526                                                | 57.30                                                                                |
| 21-22.....                                         | .00110                                                                                      | 97,911                                             | 108                                   | 97,857                | 5,518,564                                                | 56.36                                                                                |
| 22-23.....                                         | .00111                                                                                      | 97,803                                             | 109                                   | 97,749                | 5,420,707                                                | 55.42                                                                                |
| 23-24.....                                         | .00109                                                                                      | 97,694                                             | 107                                   | 97,640                | 5,322,958                                                | 54.49                                                                                |
| 24-25.....                                         | .00104                                                                                      | 97,587                                             | 101                                   | 97,537                | 5,225,318                                                | 53.55                                                                                |
| 25-26.....                                         | .00098                                                                                      | 97,486                                             | 96                                    | 97,438                | 5,127,781                                                | 52.60                                                                                |
| 26-27.....                                         | .00092                                                                                      | 97,390                                             | 90                                    | 97,345                | 5,030,343                                                | 51.65                                                                                |
| 27-28.....                                         | .00087                                                                                      | 97,300                                             | 85                                    | 97,258                | 4,932,998                                                | 50.70                                                                                |
| 28-29.....                                         | .00085                                                                                      | 97,215                                             | 83                                    | 97,174                | 4,835,740                                                | 49.74                                                                                |
| 29-30.....                                         | .00085                                                                                      | 97,132                                             | 83                                    | 97,091                | 4,738,566                                                | 48.78                                                                                |
| 30-31.....                                         | .00086                                                                                      | 97,049                                             | 83                                    | 97,008                | 4,641,475                                                | 47.83                                                                                |
| 31-32.....                                         | .00087                                                                                      | 96,966                                             | 84                                    | 96,924                | 4,544,467                                                | 46.87                                                                                |
| 32-33.....                                         | .00089                                                                                      | 96,882                                             | 86                                    | 96,839                | 4,447,543                                                | 45.91                                                                                |
| 33-34.....                                         | .00094                                                                                      | 96,796                                             | 91                                    | 96,750                | 4,350,704                                                | 44.95                                                                                |
| 34-35.....                                         | .00102                                                                                      | 96,705                                             | 99                                    | 96,655                | 4,253,954                                                | 43.99                                                                                |
| 35-36.....                                         | .00113                                                                                      | 96,606                                             | 109                                   | 96,552                | 4,157,299                                                | 43.03                                                                                |
| 36-37.....                                         | .00125                                                                                      | 96,497                                             | 120                                   | 96,437                | 4,060,747                                                | 42.08                                                                                |
| 37-38.....                                         | .00137                                                                                      | 96,377                                             | 132                                   | 96,310                | 3,964,310                                                | 41.13                                                                                |
| 38-39.....                                         | .00148                                                                                      | 96,245                                             | 142                                   | 96,174                | 3,868,000                                                | 40.19                                                                                |
| 39-40.....                                         | .00158                                                                                      | 96,103                                             | 152                                   | 96,027                | 3,771,826                                                | 39.25                                                                                |
| 40-41.....                                         | .00169                                                                                      | 95,951                                             | 162                                   | 95,870                | 3,675,799                                                | 38.31                                                                                |
| 41-42.....                                         | .00184                                                                                      | 95,789                                             | 176                                   | 95,701                | 3,579,929                                                | 37.37                                                                                |
| 42-43.....                                         | .00200                                                                                      | 95,613                                             | 191                                   | 95,518                | 3,484,228                                                | 36.44                                                                                |
| 43-44.....                                         | .00217                                                                                      | 95,422                                             | 207                                   | 95,319                | 3,388,710                                                | 35.51                                                                                |
| 44-45.....                                         | .00238                                                                                      | 95,215                                             | 226                                   | 95,101                | 3,293,391                                                | 34.59                                                                                |
| 45-46.....                                         | .00261                                                                                      | 94,989                                             | 248                                   | 94,865                | 3,198,290                                                | 33.67                                                                                |
| 46-47.....                                         | .00288                                                                                      | 94,741                                             | 273                                   | 94,605                | 3,103,425                                                | 32.76                                                                                |
| 47-48.....                                         | .00319                                                                                      | 94,468                                             | 301                                   | 94,318                | 3,008,820                                                | 31.85                                                                                |
| 48-49.....                                         | .00354                                                                                      | 94,167                                             | 333                                   | 94,000                | 2,914,502                                                | 30.95                                                                                |
| 49-50.....                                         | .00391                                                                                      | 93,834                                             | 367                                   | 93,651                | 2,820,502                                                | 30.06                                                                                |
| 50-51.....                                         | .00429                                                                                      | 93,467                                             | 401                                   | 93,266                | 2,726,851                                                | 29.17                                                                                |
| 51-52.....                                         | .00470                                                                                      | 93,066                                             | 438                                   | 92,847                | 2,633,585                                                | 28.30                                                                                |
| 52-53.....                                         | .00521                                                                                      | 92,628                                             | 483                                   | 92,387                | 2,540,738                                                | 27.43                                                                                |
| 53-54.....                                         | .00583                                                                                      | 92,145                                             | 537                                   | 91,876                | 2,448,351                                                | 26.57                                                                                |
| 54-55.....                                         | .00656                                                                                      | 91,608                                             | 601                                   | 91,307                | 2,356,475                                                | 25.72                                                                                |

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

| AGE IN YEARS                                       | PROPORTION DYING                                                                            | OF 100,000 BORN ALIVE                              |                                       | STATIONARY POPULATION |                                                          | AVERAGE REMAINING LIFETIME                                                           |
|----------------------------------------------------|---------------------------------------------------------------------------------------------|----------------------------------------------------|---------------------------------------|-----------------------|----------------------------------------------------------|--------------------------------------------------------------------------------------|
| PERIOD OF LIFE<br>BETWEEN TWO EXACT<br>AGES STATED | PROPORTION<br>OF PERSONS<br>ALIVE AT<br>BEGINNING OF<br>YEAR OF AGE<br>DYING DURING<br>YEAR | NUMBER<br>LIVING AT<br>BEGINNING OF<br>YEAR OF AGE | NUMBER DYING<br>DURING<br>YEAR OF AGE | IN<br>YEAR OF AGE     | IN THIS<br>YEAR OF AGE<br>AND ALL<br>SUBSEQUENT<br>YEARS | AVERAGE<br>NUMBER OF<br>YEARS OF LIFE<br>REMAINING AT<br>BEGINNING OF<br>YEAR OF AGE |
| (1)                                                | (2)                                                                                         | (3)                                                | (4)                                   | (5)                   | (6)                                                      | (7)                                                                                  |
| $x$ to $x+1$                                       | $q_x$                                                                                       | $l_x$                                              | $d_x$                                 | $L_x$                 | $T_x$                                                    | $\bar{e}_x$                                                                          |
| 55-56.....                                         | .00737                                                                                      | 91,007                                             | 671                                   | 90,672                | 2,265,168                                                | 24.89                                                                                |
| 56-57.....                                         | .00819                                                                                      | 90,336                                             | 739                                   | 89,966                | 2,174,496                                                | 24.07                                                                                |
| 57-58.....                                         | .00899                                                                                      | 89,597                                             | 806                                   | 89,194                | 2,084,530                                                | 23.27                                                                                |
| 58-59.....                                         | .00976                                                                                      | 88,791                                             | 867                                   | 88,358                | 1,995,336                                                | 22.47                                                                                |
| 59-60.....                                         | .01055                                                                                      | 87,924                                             | 927                                   | 87,461                | 1,906,978                                                | 21.69                                                                                |
| 60-61.....                                         | .01136                                                                                      | 86,997                                             | 989                                   | 86,502                | 1,819,517                                                | 20.91                                                                                |
| 61-62.....                                         | .01230                                                                                      | 86,008                                             | 1,057                                 | 85,480                | 1,733,015                                                | 20.15                                                                                |
| 62-63.....                                         | .01344                                                                                      | 84,951                                             | 1,142                                 | 84,380                | 1,647,535                                                | 19.39                                                                                |
| 63-64.....                                         | .01484                                                                                      | 83,809                                             | 1,244                                 | 83,187                | 1,563,155                                                | 18.65                                                                                |
| 64-65.....                                         | .01645                                                                                      | 82,565                                             | 1,358                                 | 81,886                | 1,479,968                                                | 17.92                                                                                |
| 65-66.....                                         | .01823                                                                                      | 81,207                                             | 1,480                                 | 80,467                | 1,398,082                                                | 17.22                                                                                |
| 66-67.....                                         | .02005                                                                                      | 79,727                                             | 1,599                                 | 78,927                | 1,317,615                                                | 16.53                                                                                |
| 67-68.....                                         | .02185                                                                                      | 78,128                                             | 1,707                                 | 77,275                | 1,238,688                                                | 15.85                                                                                |
| 68-69.....                                         | .02354                                                                                      | 76,421                                             | 1,799                                 | 75,521                | 1,161,413                                                | 15.20                                                                                |
| 69-70.....                                         | .02522                                                                                      | 74,622                                             | 1,882                                 | 73,681                | 1,085,892                                                | 14.55                                                                                |
| 70-71.....                                         | .02698                                                                                      | 72,740                                             | 1,963                                 | 71,758                | 1,012,211                                                | 13.92                                                                                |
| 71-72.....                                         | .02897                                                                                      | 70,777                                             | 2,051                                 | 69,752                | 940,453                                                  | 13.29                                                                                |
| 72-73.....                                         | .03128                                                                                      | 68,726                                             | 2,149                                 | 67,652                | 870,701                                                  | 12.67                                                                                |
| 73-74.....                                         | .03401                                                                                      | 66,577                                             | 2,265                                 | 65,444                | 803,049                                                  | 12.06                                                                                |
| 74-75.....                                         | .03713                                                                                      | 64,312                                             | 2,388                                 | 63,118                | 737,605                                                  | 11.47                                                                                |
| 75-76.....                                         | .04050                                                                                      | 61,924                                             | 2,508                                 | 60,671                | 674,487                                                  | 10.89                                                                                |
| 76-77.....                                         | .04412                                                                                      | 59,416                                             | 2,621                                 | 58,106                | 613,816                                                  | 10.33                                                                                |
| 77-78.....                                         | .04820                                                                                      | 56,795                                             | 2,737                                 | 55,426                | 555,710                                                  | 9.78                                                                                 |
| 78-79.....                                         | .05283                                                                                      | 54,058                                             | 2,856                                 | 52,630                | 500,284                                                  | 9.25                                                                                 |
| 79-80.....                                         | .05802                                                                                      | 51,202                                             | 2,971                                 | 49,716                | 447,654                                                  | 8.74                                                                                 |
| 80-81.....                                         | .06367                                                                                      | 48,231                                             | 3,071                                 | 46,696                | 397,938                                                  | 8.25                                                                                 |
| 81-82.....                                         | .06971                                                                                      | 45,160                                             | 3,148                                 | 43,586                | 351,242                                                  | 7.78                                                                                 |
| 82-83.....                                         | .07625                                                                                      | 42,012                                             | 3,204                                 | 40,410                | 307,656                                                  | 7.32                                                                                 |
| 83-84.....                                         | .08337                                                                                      | 38,808                                             | 3,235                                 | 37,191                | 267,246                                                  | 6.89                                                                                 |
| 84-85.....                                         | .09119                                                                                      | 35,573                                             | 3,244                                 | 33,951                | 230,055                                                  | 6.47                                                                                 |
| 85-86.....                                         | .10065                                                                                      | 32,329                                             | 3,254                                 | 30,702                | 196,104                                                  | 6.07                                                                                 |
| 86-87.....                                         | .11110                                                                                      | 29,075                                             | 3,230                                 | 27,460                | 165,402                                                  | 5.69                                                                                 |
| 87-88.....                                         | .12182                                                                                      | 25,845                                             | 3,149                                 | 24,271                | 137,942                                                  | 5.34                                                                                 |
| 88-89.....                                         | .13246                                                                                      | 22,696                                             | 3,006                                 | 21,193                | 113,671                                                  | 5.01                                                                                 |
| 89-90.....                                         | .14350                                                                                      | 19,690                                             | 2,825                                 | 18,277                | 92,478                                                   | 4.70                                                                                 |
| 90-91.....                                         | .15617                                                                                      | 16,865                                             | 2,634                                 | 15,548                | 74,201                                                   | 4.40                                                                                 |
| 91-92.....                                         | .17081                                                                                      | 14,231                                             | 2,431                                 | 13,016                | 58,653                                                   | 4.12                                                                                 |
| 92-93.....                                         | .18633                                                                                      | 11,800                                             | 2,199                                 | 10,700                | 45,637                                                   | 3.87                                                                                 |
| 93-94.....                                         | .20209                                                                                      | 9,601                                              | 1,940                                 | 8,632                 | 34,937                                                   | 3.64                                                                                 |
| 94-95.....                                         | .21801                                                                                      | 7,661                                              | 1,670                                 | 6,825                 | 26,305                                                   | 3.43                                                                                 |
| 95-96.....                                         | .23432                                                                                      | 5,991                                              | 1,404                                 | 5,289                 | 19,480                                                   | 3.25                                                                                 |
| 96-97.....                                         | .24900                                                                                      | 4,587                                              | 1,142                                 | 4,016                 | 14,191                                                   | 3.09                                                                                 |
| 97-98.....                                         | .26304                                                                                      | 3,445                                              | 906                                   | 2,992                 | 10,175                                                   | 2.95                                                                                 |
| 98-99.....                                         | .27638                                                                                      | 2,539                                              | 702                                   | 2,188                 | 7,183                                                    | 2.83                                                                                 |
| 99-100.....                                        | .28900                                                                                      | 1,837                                              | 531                                   | 1,572                 | 4,995                                                    | 2.72                                                                                 |
| 100-101.....                                       | .30087                                                                                      | 1,306                                              | 393                                   | 1,109                 | 3,423                                                    | 2.62                                                                                 |
| 101-102.....                                       | .31200                                                                                      | 913                                                | 285                                   | 771                   | 2,314                                                    | 2.53                                                                                 |
| 102-103.....                                       | .32238                                                                                      | 628                                                | 202                                   | 527                   | 1,543                                                    | 2.46                                                                                 |
| 103-104.....                                       | .33203                                                                                      | 426                                                | 142                                   | 355                   | 1,016                                                    | 2.39                                                                                 |
| 104-105.....                                       | .34098                                                                                      | 284                                                | 97                                    | 236                   | 661                                                      | 2.32                                                                                 |
| 105-106.....                                       | .34926                                                                                      | 187                                                | 65                                    | 155                   | 425                                                      | 2.27                                                                                 |
| 106-107.....                                       | .35688                                                                                      | 122                                                | 44                                    | 100                   | 270                                                      | 2.22                                                                                 |
| 107-108.....                                       | .36390                                                                                      | 78                                                 | 28                                    | 64                    | 170                                                      | 2.17                                                                                 |
| 108-109.....                                       | .37033                                                                                      | 50                                                 | 19                                    | 41                    | 106                                                      | 2.13                                                                                 |
| 109-110.....                                       | .37623                                                                                      | 31                                                 | 11                                    | 25                    | 65                                                       | 2.08                                                                                 |

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

| AGE IN YEARS                                       | PROPORTION DYING                                                                            | OF 100,000 BORN ALIVE                              |                                       | STATIONARY POPULATION |                                                          | AVERAGE REMAINING LIFETIME                                                           |
|----------------------------------------------------|---------------------------------------------------------------------------------------------|----------------------------------------------------|---------------------------------------|-----------------------|----------------------------------------------------------|--------------------------------------------------------------------------------------|
| PERIOD OF LIFE<br>BETWEEN TWO EXACT<br>AGES STATED | PROPORTION<br>OF PERSONS<br>ALIVE AT<br>BEGINNING OF<br>YEAR OF AGE<br>DYING DURING<br>YEAR | NUMBER<br>LIVING AT<br>BEGINNING OF<br>YEAR OF AGE | NUMBER DYING<br>DURING<br>YEAR OF AGE | IN<br>YEAR OF AGE     | IN THIS<br>YEAR OF AGE<br>AND ALL<br>SUBSEQUENT<br>YEARS | AVERAGE<br>NUMBER OF<br>YEARS OF LIFE<br>REMAINING AT<br>BEGINNING OF<br>YEAR OF AGE |
| (1)                                                | (2)                                                                                         | (3)                                                | (4)                                   | (5)                   | (6)                                                      | (7)                                                                                  |
| x to x + 1                                         | $q_x$                                                                                       | $l_x$                                              | $d_x$                                 | $L_x$                 | $T_x$                                                    | $\bar{e}_x$                                                                          |
| 0-1.....                                           | .01218                                                                                      | 100,000                                            | 1,218                                 | 99,009                | 7,209,327                                                | 72.09                                                                                |
| 1-2.....                                           | .00089                                                                                      | 98,782                                             | 87                                    | 98,738                | 7,101,318                                                | 71.98                                                                                |
| 2-3.....                                           | .00064                                                                                      | 98,695                                             | 64                                    | 98,663                | 7,011,580                                                | 71.04                                                                                |
| 3-4.....                                           | .00058                                                                                      | 98,631                                             | 57                                    | 98,602                | 6,912,917                                                | 70.09                                                                                |
| 4-5.....                                           | .00039                                                                                      | 98,574                                             | 38                                    | 98,555                | 6,814,315                                                | 69.13                                                                                |
| 5-6.....                                           | .00036                                                                                      | 98,536                                             | 36                                    | 98,518                | 6,715,760                                                | 68.16                                                                                |
| 6-7.....                                           | .00033                                                                                      | 98,500                                             | 33                                    | 98,484                | 6,617,242                                                | 67.18                                                                                |
| 7-8.....                                           | .00031                                                                                      | 98,467                                             | 30                                    | 98,452                | 6,518,758                                                | 66.20                                                                                |
| 8-9.....                                           | .00028                                                                                      | 98,437                                             | 28                                    | 98,423                | 6,420,306                                                | 65.22                                                                                |
| 9-10.....                                          | .00025                                                                                      | 98,409                                             | 24                                    | 98,397                | 6,321,883                                                | 64.24                                                                                |
| 10-11.....                                         | .00022                                                                                      | 98,385                                             | 22                                    | 98,373                | 6,223,486                                                | 63.26                                                                                |
| 11-12.....                                         | .00024                                                                                      | 98,363                                             | 24                                    | 98,352                | 6,125,113                                                | 62.27                                                                                |
| 12-13.....                                         | .00033                                                                                      | 98,339                                             | 32                                    | 98,323                | 6,026,761                                                | 61.29                                                                                |
| 13-14.....                                         | .00051                                                                                      | 98,307                                             | 51                                    | 98,281                | 5,928,438                                                | 60.31                                                                                |
| 14-15.....                                         | .00074                                                                                      | 98,256                                             | 72                                    | 98,220                | 5,830,157                                                | 59.34                                                                                |
| 15-16.....                                         | .00096                                                                                      | 98,184                                             | 94                                    | 98,137                | 5,731,937                                                | 58.38                                                                                |
| 16-17.....                                         | .00115                                                                                      | 98,090                                             | 113                                   | 98,033                | 5,633,800                                                | 57.44                                                                                |
| 17-18.....                                         | .00130                                                                                      | 97,977                                             | 128                                   | 97,914                | 5,535,767                                                | 56.50                                                                                |
| 18-19.....                                         | .00142                                                                                      | 97,849                                             | 138                                   | 97,780                | 5,437,853                                                | 55.57                                                                                |
| 19-20.....                                         | .00150                                                                                      | 97,711                                             | 147                                   | 97,637                | 5,340,073                                                | 54.65                                                                                |
| 20-21.....                                         | .00159                                                                                      | 97,564                                             | 155                                   | 97,486                | 5,242,436                                                | 53.73                                                                                |
| 21-22.....                                         | .00167                                                                                      | 97,409                                             | 163                                   | 97,327                | 5,144,950                                                | 52.82                                                                                |
| 22-23.....                                         | .00170                                                                                      | 97,246                                             | 165                                   | 97,164                | 5,047,623                                                | 51.91                                                                                |
| 23-24.....                                         | .00166                                                                                      | 97,081                                             | 162                                   | 97,000                | 4,950,459                                                | 50.99                                                                                |
| 24-25.....                                         | .00157                                                                                      | 96,919                                             | 152                                   | 96,843                | 4,853,459                                                | 50.08                                                                                |
| 25-26.....                                         | .00146                                                                                      | 96,767                                             | 141                                   | 96,696                | 4,756,616                                                | 49.16                                                                                |
| 26-27.....                                         | .00136                                                                                      | 96,626                                             | 131                                   | 96,560                | 4,659,920                                                | 48.23                                                                                |
| 27-28.....                                         | .00127                                                                                      | 96,495                                             | 123                                   | 96,434                | 4,563,360                                                | 47.29                                                                                |
| 28-29.....                                         | .00122                                                                                      | 96,372                                             | 118                                   | 96,313                | 4,466,926                                                | 46.35                                                                                |
| 29-30.....                                         | .00121                                                                                      | 96,254                                             | 117                                   | 96,195                | 4,370,613                                                | 45.41                                                                                |
| 30-31.....                                         | .00120                                                                                      | 96,137                                             | 115                                   | 96,080                | 4,274,418                                                | 44.46                                                                                |
| 31-32.....                                         | .00120                                                                                      | 96,022                                             | 115                                   | 95,964                | 4,178,338                                                | 43.51                                                                                |
| 32-33.....                                         | .00122                                                                                      | 95,907                                             | 117                                   | 95,849                | 4,082,374                                                | 42.57                                                                                |
| 33-34.....                                         | .00127                                                                                      | 95,790                                             | 122                                   | 95,729                | 3,986,525                                                | 41.62                                                                                |
| 34-35.....                                         | .00136                                                                                      | 95,668                                             | 130                                   | 95,603                | 3,890,796                                                | 40.67                                                                                |
| 35-36.....                                         | .00149                                                                                      | 95,538                                             | 143                                   | 95,467                | 3,795,193                                                | 39.72                                                                                |
| 36-37.....                                         | .00164                                                                                      | 95,395                                             | 157                                   | 95,316                | 3,699,726                                                | 38.78                                                                                |
| 37-38.....                                         | .00180                                                                                      | 95,238                                             | 171                                   | 95,153                | 3,604,410                                                | 37.85                                                                                |
| 38-39.....                                         | .00193                                                                                      | 95,067                                             | 183                                   | 94,975                | 3,509,257                                                | 36.91                                                                                |
| 39-40.....                                         | .00205                                                                                      | 94,884                                             | 195                                   | 94,787                | 3,414,282                                                | 35.98                                                                                |
| 40-41.....                                         | .00220                                                                                      | 94,689                                             | 208                                   | 94,585                | 3,319,495                                                | 35.06                                                                                |
| 41-42.....                                         | .00238                                                                                      | 94,481                                             | 225                                   | 94,369                | 3,224,910                                                | 34.13                                                                                |
| 42-43.....                                         | .00258                                                                                      | 94,256                                             | 243                                   | 94,134                | 3,130,541                                                | 33.21                                                                                |
| 43-44.....                                         | .00281                                                                                      | 94,013                                             | 264                                   | 93,881                | 3,036,407                                                | 32.30                                                                                |
| 44-45.....                                         | .00306                                                                                      | 93,749                                             | 287                                   | 93,605                | 2,942,526                                                | 31.39                                                                                |
| 45-46.....                                         | .00336                                                                                      | 93,462                                             | 314                                   | 93,306                | 2,848,921                                                | 30.48                                                                                |
| 46-47.....                                         | .00371                                                                                      | 93,148                                             | 345                                   | 92,975                | 2,755,615                                                | 29.58                                                                                |
| 47-48.....                                         | .00414                                                                                      | 92,803                                             | 384                                   | 92,611                | 2,662,640                                                | 28.69                                                                                |
| 48-49.....                                         | .00463                                                                                      | 92,419                                             | 429                                   | 92,204                | 2,570,029                                                | 27.81                                                                                |
| 49-50.....                                         | .00518                                                                                      | 91,990                                             | 476                                   | 91,753                | 2,477,825                                                | 26.94                                                                                |
| 50-51.....                                         | .00573                                                                                      | 91,514                                             | 524                                   | 91,251                | 2,386,072                                                | 26.07                                                                                |
| 51-52.....                                         | .00631                                                                                      | 90,990                                             | 574                                   | 90,703                | 2,294,821                                                | 25.22                                                                                |
| 52-53.....                                         | .00700                                                                                      | 90,416                                             | 633                                   | 90,100                | 2,204,118                                                | 24.38                                                                                |
| 53-54.....                                         | .00785                                                                                      | 89,783                                             | 705                                   | 89,431                | 2,114,018                                                | 23.55                                                                                |
| 54-55.....                                         | .00884                                                                                      | 89,078                                             | 787                                   | 88,684                | 2,024,587                                                | 22.73                                                                                |

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

| AGE IN YEARS                                       | PROPORTION DYING                                                                            | OF 100,000 BORN ALIVE                              |                                       | STATIONARY POPULATION |                                                          | AVERAGE REMAINING LIFETIME                                                           |
|----------------------------------------------------|---------------------------------------------------------------------------------------------|----------------------------------------------------|---------------------------------------|-----------------------|----------------------------------------------------------|--------------------------------------------------------------------------------------|
| PERIOD OF LIFE<br>BETWEEN TWO EXACT<br>AGES STATED | PROPORTION<br>OF PERSONS<br>ALIVE AT<br>BEGINNING OF<br>YEAR OF AGE<br>DYING DURING<br>YEAR | NUMBER<br>LIVING AT<br>BEGINNING OF<br>YEAR OF AGE | NUMBER DYING<br>DURING<br>YEAR OF AGE | IN<br>YEAR OF AGE     | IN THIS<br>YEAR OF AGE<br>AND ALL<br>SUBSEQUENT<br>YEARS | AVERAGE<br>NUMBER OF<br>YEARS OF LIFE<br>REMAINING AT<br>BEGINNING OF<br>YEAR OF AGE |
| (1)                                                | (2)                                                                                         | (3)                                                | (4)                                   | (5)                   | (6)                                                      | (7)                                                                                  |
| $x$ to $x+1$                                       | $q_x$                                                                                       | $l_x$                                              | $d_x$                                 | $L_x$                 | $T_x$                                                    | $\bar{e}_x$                                                                          |
| 55-56.....                                         | .00994                                                                                      | 88,291                                             | 878                                   | 87,852                | 1,935,903                                                | 21.93                                                                                |
| 56-57.....                                         | .01107                                                                                      | 87,413                                             | 967                                   | 86,930                | 1,848,051                                                | 21.14                                                                                |
| 57-58.....                                         | .01219                                                                                      | 86,446                                             | 1,054                                 | 85,919                | 1,761,121                                                | 20.37                                                                                |
| 58-59.....                                         | .01328                                                                                      | 85,392                                             | 1,134                                 | 84,825                | 1,675,202                                                | 19.62                                                                                |
| 59-60.....                                         | .01440                                                                                      | 84,258                                             | 1,214                                 | 83,650                | 1,590,377                                                | 18.88                                                                                |
| 60-61.....                                         | .01557                                                                                      | 83,044                                             | 1,293                                 | 82,397                | 1,506,727                                                | 18.14                                                                                |
| 61-62.....                                         | .01691                                                                                      | 81,751                                             | 1,383                                 | 81,060                | 1,424,330                                                | 17.42                                                                                |
| 62-63.....                                         | .01854                                                                                      | 80,368                                             | 1,489                                 | 79,624                | 1,343,270                                                | 16.71                                                                                |
| 63-64.....                                         | .02054                                                                                      | 78,879                                             | 1,620                                 | 78,068                | 1,263,646                                                | 16.02                                                                                |
| 64-65.....                                         | .02283                                                                                      | 77,259                                             | 1,764                                 | 76,377                | 1,185,578                                                | 15.35                                                                                |
| 65-66.....                                         | .02534                                                                                      | 75,495                                             | 1,913                                 | 74,538                | 1,109,201                                                | 14.69                                                                                |
| 66-67.....                                         | .02793                                                                                      | 73,582                                             | 2,056                                 | 72,554                | 1,034,663                                                | 14.06                                                                                |
| 67-68.....                                         | .03052                                                                                      | 71,526                                             | 2,183                                 | 70,435                | 962,109                                                  | 13.45                                                                                |
| 68-69.....                                         | .03305                                                                                      | 69,343                                             | 2,292                                 | 68,197                | 891,674                                                  | 12.86                                                                                |
| 69-70.....                                         | .03560                                                                                      | 67,051                                             | 2,387                                 | 65,858                | 823,477                                                  | 12.28                                                                                |
| 70-71.....                                         | .03830                                                                                      | 64,664                                             | 2,477                                 | 63,425                | 757,619                                                  | 11.72                                                                                |
| 71-72.....                                         | .04129                                                                                      | 62,187                                             | 2,568                                 | 60,904                | 694,194                                                  | 11.16                                                                                |
| 72-73.....                                         | .04468                                                                                      | 59,619                                             | 2,664                                 | 58,287                | 633,290                                                  | 10.62                                                                                |
| 73-74.....                                         | .04859                                                                                      | 56,955                                             | 2,767                                 | 55,572                | 575,003                                                  | 10.10                                                                                |
| 74-75.....                                         | .05299                                                                                      | 54,188                                             | 2,871                                 | 52,753                | 519,431                                                  | 9.59                                                                                 |
| 75-76.....                                         | .05785                                                                                      | 51,317                                             | 2,969                                 | 49,832                | 466,678                                                  | 9.09                                                                                 |
| 76-77.....                                         | .06309                                                                                      | 48,348                                             | 3,050                                 | 46,823                | 416,846                                                  | 8.62                                                                                 |
| 77-78.....                                         | .06869                                                                                      | 45,298                                             | 3,111                                 | 43,743                | 370,023                                                  | 8.17                                                                                 |
| 78-79.....                                         | .07458                                                                                      | 42,187                                             | 3,147                                 | 40,613                | 326,280                                                  | 7.73                                                                                 |
| 79-80.....                                         | .08079                                                                                      | 39,040                                             | 3,154                                 | 37,463                | 285,667                                                  | 7.32                                                                                 |
| 80-81.....                                         | .08753                                                                                      | 35,886                                             | 3,141                                 | 34,316                | 248,204                                                  | 6.92                                                                                 |
| 81-82.....                                         | .09488                                                                                      | 32,745                                             | 3,107                                 | 31,191                | 213,888                                                  | 6.53                                                                                 |
| 82-83.....                                         | .10272                                                                                      | 29,638                                             | 3,044                                 | 28,116                | 182,697                                                  | 6.16                                                                                 |
| 83-84.....                                         | .11106                                                                                      | 26,594                                             | 2,954                                 | 25,117                | 154,581                                                  | 5.81                                                                                 |
| 84-85.....                                         | .12000                                                                                      | 23,640                                             | 2,837                                 | 22,222                | 129,464                                                  | 5.48                                                                                 |
| 85-86.....                                         | .13045                                                                                      | 20,803                                             | 2,714                                 | 19,446                | 107,242                                                  | 5.16                                                                                 |
| 86-87.....                                         | .14192                                                                                      | 18,089                                             | 2,567                                 | 16,806                | 87,796                                                   | 4.85                                                                                 |
| 87-88.....                                         | .15354                                                                                      | 15,522                                             | 2,383                                 | 14,330                | 70,990                                                   | 4.57                                                                                 |
| 88-89.....                                         | .16489                                                                                      | 13,139                                             | 2,166                                 | 12,056                | 56,660                                                   | 4.31                                                                                 |
| 89-90.....                                         | .17639                                                                                      | 10,973                                             | 1,936                                 | 10,005                | 44,604                                                   | 4.07                                                                                 |
| 90-91.....                                         | .18920                                                                                      | 9,037                                              | 1,710                                 | 8,182                 | 34,599                                                   | 3.83                                                                                 |
| 91-92.....                                         | .20389                                                                                      | 7,327                                              | 1,494                                 | 6,581                 | 26,417                                                   | 3.61                                                                                 |
| 92-93.....                                         | .21960                                                                                      | 5,833                                              | 1,281                                 | 5,192                 | 19,836                                                   | 3.40                                                                                 |
| 93-94.....                                         | .23556                                                                                      | 4,552                                              | 1,072                                 | 4,017                 | 14,644                                                   | 3.22                                                                                 |
| 94-95.....                                         | .25109                                                                                      | 3,480                                              | 874                                   | 3,043                 | 10,627                                                   | 3.05                                                                                 |
| 95-96.....                                         | .26617                                                                                      | 2,606                                              | 693                                   | 2,259                 | 7,584                                                    | 2.91                                                                                 |
| 96-97.....                                         | .28001                                                                                      | 1,913                                              | 536                                   | 1,645                 | 5,325                                                    | 2.78                                                                                 |
| 97-98.....                                         | .29311                                                                                      | 1,377                                              | 404                                   | 1,175                 | 3,680                                                    | 2.67                                                                                 |
| 98-99.....                                         | .30545                                                                                      | 973                                                | 297                                   | 825                   | 2,505                                                    | 2.57                                                                                 |
| 99-100.....                                        | .31703                                                                                      | 676                                                | 214                                   | 569                   | 1,680                                                    | 2.49                                                                                 |
| 100-101.....                                       | .32784                                                                                      | 462                                                | 152                                   | 386                   | 1,111                                                    | 2.41                                                                                 |
| 101-102.....                                       | .33791                                                                                      | 310                                                | 105                                   | 258                   | 725                                                      | 2.34                                                                                 |
| 102-103.....                                       | .34724                                                                                      | 205                                                | 71                                    | 169                   | 467                                                      | 2.28                                                                                 |
| 103-104.....                                       | .35588                                                                                      | 134                                                | 48                                    | 111                   | 298                                                      | 2.22                                                                                 |
| 104-105.....                                       | .36384                                                                                      | 86                                                 | 31                                    | 70                    | 187                                                      | 2.17                                                                                 |
| 105-106.....                                       | .37117                                                                                      | 55                                                 | 20                                    | 45                    | 117                                                      | 2.12                                                                                 |
| 106-107.....                                       | .37790                                                                                      | 35                                                 | 13                                    | 28                    | 72                                                       | 2.08                                                                                 |
| 107-108.....                                       | .38407                                                                                      | 22                                                 | 9                                     | 17                    | 44                                                       | 2.04                                                                                 |
| 108-109.....                                       | .38971                                                                                      | 13                                                 | 5                                     | 11                    | 27                                                       | 2.01                                                                                 |
| 109-110.....                                       | .39486                                                                                      | 8                                                  | 3                                     | 7                     | 16                                                       | 1.97                                                                                 |

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

| AGE IN YEARS<br>PERIOD OF LIFE<br>BETWEEN TWO EXACT<br>AGES STATED | PROPORTION<br>DYING | OF 100,000 BORN ALIVE                              |                                       | STATIONARY POPULATION |                                                          | AVERAGE REMAIN-<br>ING LIFETIME |
|--------------------------------------------------------------------|---------------------|----------------------------------------------------|---------------------------------------|-----------------------|----------------------------------------------------------|---------------------------------|
|                                                                    |                     | NUMBER<br>LIVING AT<br>BEGINNING OF<br>YEAR OF AGE | NUMBER DYING<br>DURING<br>YEAR OF AGE | IN<br>YEAR OF AGE     | IN THIS<br>YEAR OF AGE<br>AND ALL<br>SUBSEQUENT<br>YEARS |                                 |
| (1)                                                                | (2)                 | (3)                                                | (4)                                   | (5)                   | (6)                                                      | (7)                             |
| $x$ to $x + 1$                                                     | $q_x$               | $l_x$                                              | $d_x$                                 | $L_x$                 | $T_x$                                                    | $\bar{e}_x$                     |
| 0-1.....                                                           | .00885              | 100,000                                            | 885                                   | 99,280                | 7,964,438                                                | 79.64                           |
| 1-2.....                                                           | .00061              | 99,115                                             | 60                                    | 99,085                | 7,865,158                                                | 79.35                           |
| 2-3.....                                                           | .00055              | 99,055                                             | 54                                    | 99,028                | 7,766,073                                                | 78.40                           |
| 3-4.....                                                           | .00043              | 99,001                                             | 42                                    | 98,980                | 7,667,045                                                | 77.44                           |
| 4-5.....                                                           | .00035              | 98,959                                             | 35                                    | 98,941                | 7,568,065                                                | 76.48                           |
| 5-6.....                                                           | .00031              | 98,924                                             | 31                                    | 98,909                | 7,469,124                                                | 75.50                           |
| 6-7.....                                                           | .00027              | 98,893                                             | 26                                    | 98,880                | 7,370,215                                                | 74.53                           |
| 7-8.....                                                           | .00024              | 98,867                                             | 23                                    | 98,855                | 7,271,335                                                | 73.55                           |
| 8-9.....                                                           | .00020              | 98,844                                             | 21                                    | 98,833                | 7,172,480                                                | 72.56                           |
| 9-10.....                                                          | .00017              | 98,823                                             | 17                                    | 98,815                | 7,073,647                                                | 71.58                           |
| 10-11.....                                                         | .00015              | 98,806                                             | 14                                    | 98,799                | 6,974,832                                                | 70.59                           |
| 11-12.....                                                         | .00014              | 98,792                                             | 14                                    | 98,785                | 6,876,033                                                | 69.60                           |
| 12-13.....                                                         | .00017              | 98,778                                             | 16                                    | 98,770                | 6,777,248                                                | 68.61                           |
| 13-14.....                                                         | .00022              | 98,762                                             | 22                                    | 98,751                | 6,678,478                                                | 67.62                           |
| 14-15.....                                                         | .00030              | 98,740                                             | 29                                    | 98,725                | 6,579,727                                                | 66.64                           |
| 15-16.....                                                         | .00037              | 98,711                                             | 37                                    | 98,692                | 6,481,002                                                | 65.66                           |
| 16-17.....                                                         | .00043              | 98,674                                             | 43                                    | 98,653                | 6,382,310                                                | 64.68                           |
| 17-18.....                                                         | .00048              | 98,631                                             | 47                                    | 98,607                | 6,283,657                                                | 63.71                           |
| 18-19.....                                                         | .00050              | 98,584                                             | 50                                    | 98,559                | 6,185,050                                                | 62.74                           |
| 19-20.....                                                         | .00051              | 98,534                                             | 51                                    | 98,509                | 6,086,491                                                | 61.77                           |
| 20-21.....                                                         | .00052              | 98,483                                             | 51                                    | 98,457                | 5,987,982                                                | 60.80                           |
| 21-22.....                                                         | .00053              | 98,432                                             | 52                                    | 98,406                | 5,889,525                                                | 59.83                           |
| 22-23.....                                                         | .00053              | 98,380                                             | 53                                    | 98,353                | 5,791,119                                                | 58.87                           |
| 23-24.....                                                         | .00053              | 98,327                                             | 52                                    | 98,302                | 5,692,766                                                | 57.90                           |
| 24-25.....                                                         | .00051              | 98,275                                             | 50                                    | 98,250                | 5,594,464                                                | 56.93                           |
| 25-26.....                                                         | .00049              | 98,225                                             | 48                                    | 98,201                | 5,496,214                                                | 55.96                           |
| 26-27.....                                                         | .00047              | 98,177                                             | 46                                    | 98,154                | 5,398,013                                                | 54.98                           |
| 27-28.....                                                         | .00046              | 98,131                                             | 46                                    | 98,108                | 5,299,859                                                | 54.01                           |
| 28-29.....                                                         | .00047              | 98,085                                             | 46                                    | 98,062                | 5,201,751                                                | 53.03                           |
| 29-30.....                                                         | .00048              | 98,039                                             | 47                                    | 98,015                | 5,103,689                                                | 52.06                           |
| 30-31.....                                                         | .00050              | 97,992                                             | 50                                    | 97,967                | 5,005,674                                                | 51.08                           |
| 31-32.....                                                         | .00053              | 97,942                                             | 52                                    | 97,917                | 4,907,707                                                | 50.11                           |
| 32-33.....                                                         | .00056              | 97,890                                             | 55                                    | 97,863                | 4,809,790                                                | 49.13                           |
| 33-34.....                                                         | .00061              | 97,835                                             | 60                                    | 97,805                | 4,711,927                                                | 48.16                           |
| 34-35.....                                                         | .00068              | 97,775                                             | 66                                    | 97,742                | 4,614,122                                                | 47.19                           |
| 35-36.....                                                         | .00076              | 97,709                                             | 74                                    | 97,672                | 4,516,380                                                | 46.22                           |
| 36-37.....                                                         | .00085              | 97,635                                             | 83                                    | 97,594                | 4,418,708                                                | 45.26                           |
| 37-38.....                                                         | .00095              | 97,552                                             | 93                                    | 97,505                | 4,321,114                                                | 44.30                           |
| 38-39.....                                                         | .00103              | 97,459                                             | 100                                   | 97,409                | 4,223,609                                                | 43.34                           |
| 39-40.....                                                         | .00111              | 97,359                                             | 108                                   | 97,305                | 4,126,200                                                | 42.38                           |
| 40-41.....                                                         | .00120              | 97,251                                             | 117                                   | 97,192                | 4,028,895                                                | 41.43                           |
| 41-42.....                                                         | .00130              | 97,134                                             | 127                                   | 97,071                | 3,931,703                                                | 40.48                           |
| 42-43.....                                                         | .00142              | 97,007                                             | 138                                   | 96,938                | 3,834,632                                                | 39.53                           |
| 43-44.....                                                         | .00156              | 96,869                                             | 151                                   | 96,793                | 3,737,694                                                | 38.58                           |
| 44-45.....                                                         | .00172              | 96,718                                             | 166                                   | 96,635                | 3,640,901                                                | 37.64                           |
| 45-46.....                                                         | .00190              | 96,552                                             | 184                                   | 96,460                | 3,544,266                                                | 36.71                           |
| 46-47.....                                                         | .00210              | 96,368                                             | 202                                   | 96,268                | 3,447,806                                                | 35.78                           |
| 47-48.....                                                         | .00230              | 96,166                                             | 221                                   | 96,056                | 3,351,538                                                | 34.85                           |
| 48-49.....                                                         | .00250              | 95,945                                             | 240                                   | 95,825                | 3,255,482                                                | 33.93                           |
| 49-50.....                                                         | .00271              | 95,705                                             | 260                                   | 95,575                | 3,159,657                                                | 33.01                           |
| 50-51.....                                                         | .00292              | 95,445                                             | 278                                   | 95,306                | 3,064,082                                                | 32.10                           |
| 51-52.....                                                         | .00316              | 95,167                                             | 301                                   | 95,016                | 2,968,776                                                | 31.20                           |
| 52-53.....                                                         | .00348              | 94,866                                             | 331                                   | 94,701                | 2,873,760                                                | 30.29                           |
| 53-54.....                                                         | .00390              | 94,535                                             | 368                                   | 94,351                | 2,779,059                                                | 29.40                           |
| 54-55.....                                                         | .00439              | 94,167                                             | 414                                   | 93,960                | 2,684,708                                                | 28.51                           |

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

| AGE IN YEARS                                       | PROPORTION DYING                                                                            | OF 100,000 BORN ALIVE                              |                                       | STATIONARY POPULATION |                                                          | AVERAGE REMAINING LIFETIME                                                           |
|----------------------------------------------------|---------------------------------------------------------------------------------------------|----------------------------------------------------|---------------------------------------|-----------------------|----------------------------------------------------------|--------------------------------------------------------------------------------------|
| PERIOD OF LIFE<br>BETWEEN TWO EXACT<br>AGES STATED | PROPORTION<br>OF PERSONS<br>ALIVE AT<br>BEGINNING OF<br>YEAR OF AGE<br>DYING DURING<br>YEAR | NUMBER<br>LIVING AT<br>BEGINNING OF<br>YEAR OF AGE | NUMBER DYING<br>DURING<br>YEAR OF AGE | IN<br>YEAR OF AGE     | IN THIS<br>YEAR OF AGE<br>AND ALL<br>SUBSEQUENT<br>YEARS | AVERAGE<br>NUMBER OF<br>YEARS OF LIFE<br>REMAINING AT<br>BEGINNING OF<br>YEAR OF AGE |
| (1)                                                | (2)                                                                                         | (3)                                                | (4)                                   | (5)                   | (6)                                                      | (7)                                                                                  |
| $x$ to $x+1$                                       | $q_x$                                                                                       | $l_x$                                              | $d_x$                                 | $L_x$                 | $T_x$                                                    | $\bar{e}_x$                                                                          |
| 55-56.....                                         | .00494                                                                                      | 93,753                                             | 463                                   | 93,521                | 2,590,748                                                | 27.63                                                                                |
| 56-57.....                                         | .00550                                                                                      | 93,290                                             | 513                                   | 93,034                | 2,497,227                                                | 26.77                                                                                |
| 57-58.....                                         | .00603                                                                                      | 92,777                                             | 560                                   | 92,497                | 2,404,193                                                | 25.91                                                                                |
| 58-59.....                                         | .00654                                                                                      | 92,217                                             | 602                                   | 91,916                | 2,311,696                                                | 25.07                                                                                |
| 59-60.....                                         | .00704                                                                                      | 91,615                                             | 645                                   | 91,292                | 2,219,780                                                | 24.23                                                                                |
| 60-61.....                                         | .00757                                                                                      | 90,970                                             | 689                                   | 90,626                | 2,128,488                                                | 23.40                                                                                |
| 61-62.....                                         | .00819                                                                                      | 90,281                                             | 739                                   | 89,911                | 2,037,862                                                | 22.57                                                                                |
| 62-63.....                                         | .00894                                                                                      | 89,542                                             | 801                                   | 89,142                | 1,947,951                                                | 21.75                                                                                |
| 63-64.....                                         | .00987                                                                                      | 88,741                                             | 876                                   | 88,303                | 1,858,809                                                | 20.95                                                                                |
| 64-65.....                                         | .01095                                                                                      | 87,865                                             | 962                                   | 87,384                | 1,770,506                                                | 20.15                                                                                |
| 65-66.....                                         | .01215                                                                                      | 86,903                                             | 1,056                                 | 86,375                | 1,683,122                                                | 19.37                                                                                |
| 66-67.....                                         | .01341                                                                                      | 85,847                                             | 1,151                                 | 85,271                | 1,596,747                                                | 18.60                                                                                |
| 67-68.....                                         | .01464                                                                                      | 84,696                                             | 1,240                                 | 84,076                | 1,511,476                                                | 17.85                                                                                |
| 68-69.....                                         | .01578                                                                                      | 83,456                                             | 1,317                                 | 82,798                | 1,427,400                                                | 17.10                                                                                |
| 69-70.....                                         | .01692                                                                                      | 82,139                                             | 1,390                                 | 81,443                | 1,344,602                                                | 16.37                                                                                |
| 70-71.....                                         | .01813                                                                                      | 80,749                                             | 1,464                                 | 80,017                | 1,263,159                                                | 15.64                                                                                |
| 71-72.....                                         | .01957                                                                                      | 79,285                                             | 1,552                                 | 78,509                | 1,183,142                                                | 14.92                                                                                |
| 72-73.....                                         | .02131                                                                                      | 77,733                                             | 1,656                                 | 76,905                | 1,104,633                                                | 14.21                                                                                |
| 73-74.....                                         | .02347                                                                                      | 76,077                                             | 1,786                                 | 75,184                | 1,027,728                                                | 13.51                                                                                |
| 74-75.....                                         | .02602                                                                                      | 74,291                                             | 1,933                                 | 73,324                | 952,544                                                  | 12.82                                                                                |
| 75-76.....                                         | .02875                                                                                      | 72,358                                             | 2,080                                 | 71,318                | 879,220                                                  | 12.15                                                                                |
| 76-77.....                                         | .03171                                                                                      | 70,278                                             | 2,229                                 | 69,163                | 807,902                                                  | 11.50                                                                                |
| 77-78.....                                         | .03526                                                                                      | 68,049                                             | 2,399                                 | 66,849                | 738,739                                                  | 10.86                                                                                |
| 78-79.....                                         | .03956                                                                                      | 65,650                                             | 2,597                                 | 64,352                | 671,890                                                  | 10.23                                                                                |
| 79-80.....                                         | .04456                                                                                      | 63,053                                             | 2,810                                 | 61,648                | 607,538                                                  | 9.64                                                                                 |
| 80-81.....                                         | .05004                                                                                      | 60,243                                             | 3,015                                 | 58,735                | 545,890                                                  | 9.06                                                                                 |
| 81-82.....                                         | .05585                                                                                      | 57,228                                             | 3,196                                 | 55,630                | 487,155                                                  | 8.51                                                                                 |
| 82-83.....                                         | .06216                                                                                      | 54,032                                             | 3,358                                 | 52,353                | 431,525                                                  | 7.99                                                                                 |
| 83-84.....                                         | .06907                                                                                      | 50,674                                             | 3,500                                 | 48,924                | 379,172                                                  | 7.48                                                                                 |
| 84-85.....                                         | .07672                                                                                      | 47,174                                             | 3,619                                 | 45,364                | 330,248                                                  | 7.00                                                                                 |
| 85-86.....                                         | .08615                                                                                      | 43,555                                             | 3,753                                 | 41,678                | 284,884                                                  | 6.54                                                                                 |
| 86-87.....                                         | .09659                                                                                      | 39,802                                             | 3,844                                 | 37,880                | 243,206                                                  | 6.11                                                                                 |
| 87-88.....                                         | .10736                                                                                      | 35,958                                             | 3,861                                 | 34,027                | 205,326                                                  | 5.71                                                                                 |
| 88-89.....                                         | .11820                                                                                      | 32,097                                             | 3,794                                 | 30,201                | 171,299                                                  | 5.34                                                                                 |
| 89-90.....                                         | .12960                                                                                      | 28,303                                             | 3,668                                 | 26,469                | 141,098                                                  | 4.99                                                                                 |
| 90-91.....                                         | .14281                                                                                      | 24,635                                             | 3,518                                 | 22,876                | 114,629                                                  | 4.65                                                                                 |
| 91-92.....                                         | .15798                                                                                      | 21,117                                             | 3,336                                 | 19,449                | 91,753                                                   | 4.34                                                                                 |
| 92-93.....                                         | .17384                                                                                      | 17,781                                             | 3,091                                 | 16,236                | 72,304                                                   | 4.07                                                                                 |
| 93-94.....                                         | .18972                                                                                      | 14,690                                             | 2,787                                 | 13,296                | 56,068                                                   | 3.82                                                                                 |
| 94-95.....                                         | .20571                                                                                      | 11,903                                             | 2,448                                 | 10,679                | 42,772                                                   | 3.59                                                                                 |
| 95-96.....                                         | .22228                                                                                      | 9,455                                              | 2,102                                 | 8,404                 | 32,093                                                   | 3.39                                                                                 |
| 96-97.....                                         | .23729                                                                                      | 7,353                                              | 1,745                                 | 6,480                 | 23,689                                                   | 3.22                                                                                 |
| 97-98.....                                         | .25173                                                                                      | 5,608                                              | 1,412                                 | 4,903                 | 17,209                                                   | 3.07                                                                                 |
| 98-99.....                                         | .26551                                                                                      | 4,196                                              | 1,114                                 | 3,639                 | 12,306                                                   | 2.93                                                                                 |
| 99-100.....                                        | .27859                                                                                      | 3,082                                              | 858                                   | 2,653                 | 8,667                                                    | 2.81                                                                                 |
| 100-101.....                                       | .29094                                                                                      | 2,224                                              | 647                                   | 1,900                 | 6,014                                                    | 2.70                                                                                 |
| 101-102.....                                       | .30255                                                                                      | 1,577                                              | 477                                   | 1,338                 | 4,114                                                    | 2.61                                                                                 |
| 102-103.....                                       | .31342                                                                                      | 1,100                                              | 345                                   | 927                   | 2,776                                                    | 2.52                                                                                 |
| 103-104.....                                       | .32355                                                                                      | 755                                                | 244                                   | 633                   | 1,849                                                    | 2.45                                                                                 |
| 104-105.....                                       | .33297                                                                                      | 511                                                | 170                                   | 426                   | 1,216                                                    | 2.38                                                                                 |
| 105-106.....                                       | .34168                                                                                      | 341                                                | 117                                   | 282                   | 790                                                      | 2.32                                                                                 |
| 106-107.....                                       | .34973                                                                                      | 224                                                | 78                                    | 185                   | 508                                                      | 2.26                                                                                 |
| 107-108.....                                       | .35715                                                                                      | 146                                                | 52                                    | 120                   | 323                                                      | 2.21                                                                                 |
| 108-109.....                                       | .36397                                                                                      | 94                                                 | 34                                    | 77                    | 203                                                      | 2.17                                                                                 |
| 109-110.....                                       | .37022                                                                                      | 60                                                 | 22                                    | 48                    | 126                                                      | 2.12                                                                                 |

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

| 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 |
| 0.....                      | .000276       | .000413 | .000363 | .000278       | .000416 | .000365 | *             | *    | *      | *             | *    | *      |
| 1.....                      | .000074       | .000111 | .000097 | .000076       | .000114 | .000098 | *             | *    | *      | *             | *    | *      |
| 2.....                      | .000069       | .000101 | .000094 | .000068       | .000099 | .000093 | *             | *    | *      | *             | *    | *      |
| 3.....                      | .000063       | .000094 | .000082 | .000064       | .000096 | .000083 | *             | *    | *      | *             | *    | *      |
| 4.....                      | .000056       | .000081 | .000078 | .000055       | .000079 | .000077 | *             | *    | *      | *             | *    | *      |
| 5.....                      | .000052       | .000076 | .000071 | .000053       | .000076 | .000072 | *             | *    | *      | *             | *    | *      |
| 6.....                      | .000049       | .000072 | .000065 | .000050       | .000073 | .000067 | *             | *    | *      | *             | *    | *      |
| 7.....                      | .000046       | .000069 | .000061 | .000047       | .000071 | .000063 | *             | *    | *      | *             | *    | *      |
| 8.....                      | .000043       | .000065 | .000056 | .000044       | .000067 | .000058 | *             | *    | *      | *             | *    | *      |
| 9.....                      | .000040       | .000060 | .000052 | .000041       | .000062 | .000053 | *             | *    | *      | *             | *    | *      |
| 10....                      | .000038       | .000057 | .000049 | .000038       | .000058 | .000049 | *             | *    | *      | *             | *    | *      |
| 11....                      | .000038       | .000059 | .000049 | .000038       | .000060 | .000047 | *             | *    | *      | *             | *    | *      |
| 12....                      | .000043       | .000069 | .000052 | .000043       | .000070 | .000050 | *             | *    | *      | *             | *    | *      |
| 13....                      | .000051       | .000084 | .000058 | .000051       | .000085 | .000057 | *             | *    | *      | *             | *    | *      |
| 14....                      | .000059       | .000098 | .000064 | .000060       | .000099 | .000064 | *             | *    | *      | *             | *    | *      |
| 15....                      | .000065       | .000110 | .000070 | .000066       | .000111 | .000070 | *             | *    | *      | *             | *    | *      |
| 16....                      | .000070       | .000118 | .000073 | .000070       | .000119 | .000074 | *             | *    | *      | *             | *    | *      |
| 17....                      | .000073       | .000124 | .000076 | .000074       | .000125 | .000077 | *             | *    | *      | *             | *    | *      |
| 18....                      | .000075       | .000129 | .000077 | .000076       | .000130 | .000078 | *             | *    | *      | *             | *    | *      |
| 19....                      | .000077       | .000133 | .000078 | .000078       | .000134 | .000079 | *             | *    | *      | *             | *    | *      |
| 20....                      | .000079       | .000138 | .000079 | .000080       | .000139 | .000080 | *             | *    | *      | *             | *    | *      |
| 21....                      | .000081       | .000142 | .000080 | .000082       | .000144 | .000081 | *             | *    | *      | *             | *    | *      |
| 22....                      | .000083       | .000145 | .000081 | .000084       | .000146 | .000082 | *             | *    | *      | *             | *    | *      |
| 23....                      | .000083       | .000144 | .000081 | .000083       | .000146 | .000082 | *             | *    | *      | *             | *    | *      |
| 24....                      | .000082       | .000141 | .000081 | .000082       | .000143 | .000082 | *             | *    | *      | *             | *    | *      |
| 25....                      | .000080       | .000138 | .000080 | .000081       | .000139 | .000081 | *             | *    | *      | *             | *    | *      |
| 26....                      | .000079       | .000135 | .000080 | .000079       | .000135 | .000081 | *             | *    | *      | *             | *    | *      |
| 27....                      | .000078       | .000132 | .000080 | .000078       | .000132 | .000082 | *             | *    | *      | *             | *    | *      |
| 28....                      | .000078       | .000132 | .000082 | .000079       | .000132 | .000083 | *             | *    | *      | *             | *    | *      |
| 29....                      | .000079       | .000133 | .000084 | .000080       | .000133 | .000086 | *             | *    | *      | *             | *    | *      |
| 30....                      | .000081       | .000135 | .000087 | .000081       | .000135 | .000088 | *             | *    | *      | *             | *    | *      |
| 31....                      | .000082       | .000136 | .000091 | .000083       | .000137 | .000092 | *             | *    | *      | *             | *    | *      |
| 32....                      | .000085       | .000140 | .000095 | .000086       | .000141 | .000097 | *             | *    | *      | *             | *    | *      |
| 33....                      | .000090       | .000147 | .000102 | .000090       | .000148 | .000103 | *             | *    | *      | *             | *    | *      |
| 34....                      | .000096       | .000157 | .000111 | .000096       | .000157 | .000111 | *             | *    | *      | *             | *    | *      |
| 35....                      | .000104       | .000169 | .000121 | .000104       | .000170 | .000121 | *             | *    | *      | *             | *    | *      |
| 36....                      | .000113       | .000183 | .000133 | .000113       | .000183 | .000131 | *             | *    | *      | *             | *    | *      |
| 37....                      | .000121       | .000197 | .000143 | .000121       | .000197 | .000142 | *             | *    | *      | *             | *    | *      |
| 38....                      | .000128       | .000208 | .000152 | .000128       | .000208 | .000150 | *             | *    | *      | *             | *    | *      |
| 39....                      | .000134       | .000217 | .000159 | .000134       | .000217 | .000158 | *             | *    | *      | *             | *    | *      |
| 40....                      | .000140       | .000227 | .000166 | .000140       | .000227 | .000166 | *             | *    | *      | *             | *    | *      |
| 41....                      | .000147       | .000238 | .000174 | .000147       | .000238 | .000174 | *             | *    | *      | *             | *    | *      |
| 42....                      | .000154       | .000251 | .000183 | .000155       | .000251 | .000184 | *             | *    | *      | *             | *    | *      |
| 43....                      | .000163       | .000264 | .000193 | .000163       | .000264 | .000194 | *             | *    | *      | *             | *    | *      |
| 44....                      | .000171       | .000278 | .000204 | .000171       | .000278 | .000204 | *             | *    | *      | *             | *    | *      |
| 45....                      | .000181       | .000294 | .000215 | .000181       | .000294 | .000215 | *             | *    | *      | *             | *    | *      |
| 46....                      | .000191       | .000311 | .000227 | .000190       | .000311 | .000226 | *             | *    | *      | *             | *    | *      |
| 47....                      | .000200       | .000328 | .000237 | .000200       | .000328 | .000237 | *             | *    | *      | *             | *    | *      |
| 48....                      | .000209       | .000344 | .000246 | .000209       | .000344 | .000246 | *             | *    | *      | *             | *    | *      |
| 49....                      | .000218       | .000359 | .000254 | .000218       | .000359 | .000254 | *             | *    | *      | *             | *    | *      |
| 50....                      | .000225       | .000372 | .000260 | .000226       | .000373 | .000261 | *             | *    | *      | *             | *    | *      |
| 51....                      | .000233       | .000385 | .000268 | .000234       | .000386 | .000269 | *             | *    | *      | *             | *    | *      |
| 52....                      | .000243       | .000402 | .000279 | .000244       | .000403 | .000280 | *             | *    | *      | *             | *    | *      |
| 53....                      | .000256       | .000424 | .000294 | .000257       | .000426 | .000295 | *             | *    | *      | *             | *    | *      |
| 54....                      | .000272       | .000451 | .000311 | .000272       | .000452 | .000312 | *             | *    | *      | *             | *    | *      |

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

| EXACT<br>AGE<br>IN<br>YEARS | TOTAL         |         |         | WHITE         |         |         | ALL OTHER     |       |        |               |      |        |
|-----------------------------|---------------|---------|---------|---------------|---------|---------|---------------|-------|--------|---------------|------|--------|
|                             | BOTH<br>SEXES | MALE    | FEMALE  | BOTH<br>SEXES | MALE    | FEMALE  | BOTH<br>SEXES | TOTAL |        | BLACK         |      |        |
|                             |               |         |         |               |         |         |               | MALE  | FEMALE | BOTH<br>SEXES | MALE | FEMALE |
| 55.....                     | .000288       | .000479 | .000328 | .000288       | .000480 | .000330 | *             | *     | *      | *             | *    | *      |
| 56.....                     | .000303       | .000507 | .000345 | .000304       | .000508 | .000347 | *             | *     | *      | *             | *    | *      |
| 57.....                     | .000318       | .000535 | .000362 | .000319       | .000536 | .000363 | *             | *     | *      | *             | *    | *      |
| 58.....                     | .000334       | .000562 | .000378 | .000335       | .000563 | .000380 | *             | *     | *      | *             | *    | *      |
| 59.....                     | .000350       | .000592 | .000395 | .000351       | .000593 | .000397 | *             | *     | *      | *             | *    | *      |
| 60.....                     | .000367       | .000623 | .000413 | .000368       | .000624 | .000415 | *             | *     | *      | *             | *    | *      |
| 61.....                     | .000385       | .000657 | .000433 | .000387       | .000659 | .000435 | *             | *     | *      | *             | *    | *      |
| 62.....                     | .000407       | .000697 | .000456 | .000409       | .000699 | .000458 | *             | *     | *      | *             | *    | *      |
| 63.....                     | .000432       | .000743 | .000483 | .000433       | .000745 | .000485 | *             | *     | *      | *             | *    | *      |
| 64.....                     | .000459       | .000792 | .000512 | .000460       | .000794 | .000514 | *             | *     | *      | *             | *    | *      |
| 65.....                     | .000487       | .000844 | .000543 | .000489       | .000847 | .000545 | *             | *     | *      | *             | *    | *      |
| 66.....                     | .000517       | .000899 | .000576 | .000519       | .000902 | .000578 | *             | *     | *      | *             | *    | *      |
| 67.....                     | .000546       | .000955 | .000607 | .000548       | .000958 | .000610 | *             | *     | *      | *             | *    | *      |
| 68.....                     | .000576       | .001014 | .000638 | .000578       | .001017 | .000640 | *             | *     | *      | *             | *    | *      |
| 69.....                     | .000607       | .001076 | .000669 | .000609       | .001080 | .000672 | *             | *     | *      | *             | *    | *      |
| 70.....                     | .000640       | .001145 | .000703 | .000642       | .001148 | .000706 | *             | *     | *      | *             | *    | *      |
| 71.....                     | .000676       | .001220 | .000742 | .000678       | .001223 | .000744 | *             | *     | *      | *             | *    | *      |
| 72.....                     | .000718       | .001305 | .000786 | .000720       | .001308 | .000788 | *             | *     | *      | *             | *    | *      |
| 73.....                     | .000764       | .001399 | .000837 | .000766       | .001403 | .000840 | *             | *     | *      | *             | *    | *      |
| 74.....                     | .000815       | .001504 | .000895 | .000817       | .001509 | .000897 | *             | *     | *      | *             | *    | *      |
| 75.....                     | .000870       | .001621 | .000956 | .000873       | .001627 | .000958 | *             | *     | *      | *             | *    | *      |
| 76.....                     | .000930       | .001750 | .001022 | .000933       | .001757 | .001024 | *             | *     | *      | *             | *    | *      |
| 77.....                     | .000997       | .001891 | .001098 | .001001       | .001899 | .001101 | *             | *     | *      | *             | *    | *      |
| 78.....                     | .001072       | .002044 | .001186 | .001076       | .002053 | .001190 | *             | *     | *      | *             | *    | *      |
| 79.....                     | .001156       | .002211 | .001287 | .001160       | .002220 | .001292 | *             | *     | *      | *             | *    | *      |
| 80.....                     | .001248       | .002397 | .001396 | .001253       | .002405 | .001402 | *             | *     | *      | *             | *    | *      |
| 81.....                     | .001348       | .002606 | .001513 | .001354       | .002614 | .001520 | *             | *     | *      | *             | *    | *      |
| 82.....                     | .001462       | .002840 | .001645 | .001468       | .002848 | .001653 | *             | *     | *      | *             | *    | *      |
| 83.....                     | .001592       | .003104 | .001797 | .001599       | .003114 | .001806 | *             | *     | *      | *             | *    | *      |
| 84.....                     | .001743       | .003405 | .001975 | .001751       | .003418 | .001984 | *             | *     | *      | *             | *    | *      |
| 85.....                     | .001925       | .003759 | .002190 | .001933       | .003777 | .002199 | *             | *     | *      | *             | *    | *      |
| 86.....                     | .002134       | .004173 | .002437 | .002142       | .004195 | .002445 | *             | *     | *      | *             | *    | *      |
| 87.....                     | .002371       | .004649 | .002715 | .002382       | .004677 | .002723 | *             | *     | *      | *             | *    | *      |
| 88.....                     | .002644       | .005204 | .003031 | .002656       | .005236 | .003041 | *             | *     | *      | *             | *    | *      |
| 89.....                     | .002966       | .005867 | .003402 | .002980       | .005903 | .003416 | *             | *     | *      | *             | *    | *      |
| 90.....                     | .003373       | .006709 | .003870 | .003391       | .006751 | .003888 | *             | *     | *      | *             | *    | *      |
| 91.....                     | .003892       | .007797 | .004463 | .003914       | .007849 | .004486 | *             | *     | *      | *             | *    | *      |
| 92.....                     | .004523       | .009149 | .005175 | .004551       | .009215 | .005205 | *             | *     | *      | *             | *    | *      |
| 93.....                     | .005253       | .010741 | .005993 | .005291       | .010827 | .006033 | *             | *     | *      | *             | *    | *      |
| 94.....                     | .006093       | .012569 | .006934 | .006143       | .012682 | .006986 | *             | *     | *      | *             | *    | *      |
| 95.....                     | .007387       | .015716 | .008319 | .007289       | .015406 | .008226 | *             | *     | *      | *             | *    | *      |
| 96.....                     | .008733       | .018656 | .009825 | .008657       | .018369 | .009762 | *             | *     | *      | *             | *    | *      |
| 97.....                     | .010215       | .022453 | .011430 | .010171       | .022312 | .011404 | *             | *     | *      | *             | *    | *      |
| 98.....                     | .012026       | .026889 | .013382 | .012034       | .026853 | .013414 | *             | *     | *      | *             | *    | *      |
| 99.....                     | .014249       | .032413 | .015768 | .014340       | .032551 | .015889 | *             | *     | *      | *             | *    | *      |
| 100....                     | .016990       | .039321 | .018697 | .017206       | .039736 | .018953 | *             | *     | *      | *             | *    | *      |
| 101....                     | .020381       | .047995 | .022307 | .020788       | .048835 | .022765 | *             | *     | *      | *             | *    | *      |
| 102....                     | .024598       | .058926 | .026776 | .025275       | .060410 | .027527 | *             | *     | *      | *             | *    | *      |
| 103....                     | .029855       | .072750 | .032329 | .030939       | .075193 | .033504 | *             | *     | *      | *             | *    | *      |
| 104....                     | .036436       | .090291 | .039251 | .038105       | .094145 | .041035 | *             | *     | *      | *             | *    | *      |
| 105....                     | .044697       | .112620 | .047912 | .047205       | .118530 | .050564 | *             | *     | *      | *             | *    | *      |
| 106....                     | .055102       | .141125 | .058780 | .058805       | .150013 | .062662 | *             | *     | *      | *             | *    | *      |
| 107....                     | .068242       | .177615 | .072458 | .073640       | .190787 | .078078 | *             | *     | *      | *             | *    | *      |
| 108....                     | .084880       | .224445 | .089720 | .092672       | .243753 | .097783 | *             | *     | *      | *             | *    | *      |
| 109....                     | .106002       | .284687 | .111563 | .117160       | .312745 | .123049 | *             | *     | *      | *             | *    | *      |

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

| EXACT AGE IN YEARS | TOTAL      |      |        | WHITE      |      |        | ALL OTHER  |      |        |            |      |        |
|--------------------|------------|------|--------|------------|------|--------|------------|------|--------|------------|------|--------|
|                    |            |      |        |            |      |        | TOTAL      |      |        | BLACK      |      |        |
|                    | BOTH SEXES | MALE | FEMALE |
| 0.....             | .053       | .074 | .071   | .053       | .074 | .071   | *          | *    | *      | *          | *    | *      |
| 1.....             | .049       | .068 | .065   | .049       | .069 | .065   | *          | *    | *      | *          | *    | *      |
| 2.....             | .048       | .068 | .065   | .049       | .068 | .065   | *          | *    | *      | *          | *    | *      |
| 3.....             | .048       | .068 | .064   | .048       | .068 | .065   | *          | *    | *      | *          | *    | *      |
| 4.....             | .048       | .067 | .064   | .048       | .068 | .064   | *          | *    | *      | *          | *    | *      |
| 5.....             | .048       | .067 | .064   | .048       | .068 | .064   | *          | *    | *      | *          | *    | *      |
| 6.....             | .048       | .067 | .064   | .048       | .067 | .064   | *          | *    | *      | *          | *    | *      |
| 7.....             | .048       | .067 | .064   | .048       | .067 | .064   | *          | *    | *      | *          | *    | *      |
| 8.....             | .048       | .067 | .063   | .048       | .067 | .064   | *          | *    | *      | *          | *    | *      |
| 9.....             | .047       | .067 | .063   | .048       | .067 | .063   | *          | *    | *      | *          | *    | *      |
| 10.....            | .047       | .067 | .063   | .048       | .067 | .063   | *          | *    | *      | *          | *    | *      |
| 11.....            | .047       | .067 | .063   | .048       | .067 | .063   | *          | *    | *      | *          | *    | *      |
| 12.....            | .047       | .066 | .063   | .047       | .067 | .063   | *          | *    | *      | *          | *    | *      |
| 13.....            | .047       | .066 | .063   | .047       | .067 | .063   | *          | *    | *      | *          | *    | *      |
| 14.....            | .047       | .066 | .063   | .047       | .067 | .063   | *          | *    | *      | *          | *    | *      |
| 15.....            | .047       | .066 | .063   | .047       | .066 | .063   | *          | *    | *      | *          | *    | *      |
| 16.....            | .047       | .066 | .063   | .047       | .066 | .063   | *          | *    | *      | *          | *    | *      |
| 17.....            | .047       | .065 | .062   | .047       | .066 | .063   | *          | *    | *      | *          | *    | *      |
| 18.....            | .047       | .065 | .062   | .047       | .066 | .062   | *          | *    | *      | *          | *    | *      |
| 19.....            | .046       | .065 | .062   | .047       | .065 | .062   | *          | *    | *      | *          | *    | *      |
| 20.....            | .046       | .065 | .062   | .046       | .065 | .062   | *          | *    | *      | *          | *    | *      |
| 21.....            | .046       | .064 | .062   | .046       | .065 | .062   | *          | *    | *      | *          | *    | *      |
| 22.....            | .046       | .064 | .062   | .046       | .064 | .062   | *          | *    | *      | *          | *    | *      |
| 23.....            | .046       | .064 | .062   | .046       | .064 | .062   | *          | *    | *      | *          | *    | *      |
| 24.....            | .046       | .063 | .061   | .046       | .064 | .062   | *          | *    | *      | *          | *    | *      |
| 25.....            | .045       | .063 | .061   | .046       | .063 | .061   | *          | *    | *      | *          | *    | *      |
| 26.....            | .045       | .063 | .061   | .045       | .063 | .061   | *          | *    | *      | *          | *    | *      |
| 27.....            | .045       | .063 | .061   | .045       | .063 | .061   | *          | *    | *      | *          | *    | *      |
| 28.....            | .045       | .062 | .061   | .045       | .063 | .061   | *          | *    | *      | *          | *    | *      |
| 29.....            | .045       | .062 | .061   | .045       | .062 | .061   | *          | *    | *      | *          | *    | *      |
| 30.....            | .045       | .062 | .061   | .045       | .062 | .061   | *          | *    | *      | *          | *    | *      |
| 31.....            | .045       | .062 | .061   | .045       | .062 | .061   | *          | *    | *      | *          | *    | *      |
| 32.....            | .044       | .061 | .060   | .045       | .062 | .060   | *          | *    | *      | *          | *    | *      |
| 33.....            | .044       | .061 | .060   | .044       | .061 | .060   | *          | *    | *      | *          | *    | *      |
| 34.....            | .044       | .061 | .060   | .044       | .061 | .060   | *          | *    | *      | *          | *    | *      |
| 35.....            | .044       | .061 | .060   | .044       | .061 | .060   | *          | *    | *      | *          | *    | *      |
| 36.....            | .044       | .061 | .060   | .044       | .061 | .060   | *          | *    | *      | *          | *    | *      |
| 37.....            | .044       | .060 | .059   | .044       | .060 | .060   | *          | *    | *      | *          | *    | *      |
| 38.....            | .043       | .060 | .059   | .044       | .060 | .059   | *          | *    | *      | *          | *    | *      |
| 39.....            | .043       | .060 | .059   | .043       | .060 | .059   | *          | *    | *      | *          | *    | *      |
| 40.....            | .043       | .059 | .059   | .043       | .059 | .059   | *          | *    | *      | *          | *    | *      |
| 41.....            | .043       | .059 | .058   | .043       | .059 | .058   | *          | *    | *      | *          | *    | *      |
| 42.....            | .042       | .058 | .058   | .043       | .059 | .058   | *          | *    | *      | *          | *    | *      |
| 43.....            | .042       | .058 | .058   | .042       | .058 | .058   | *          | *    | *      | *          | *    | *      |
| 44.....            | .042       | .057 | .057   | .042       | .058 | .057   | *          | *    | *      | *          | *    | *      |
| 45.....            | .042       | .057 | .057   | .042       | .057 | .057   | *          | *    | *      | *          | *    | *      |
| 46.....            | .041       | .056 | .056   | .041       | .057 | .056   | *          | *    | *      | *          | *    | *      |
| 47.....            | .041       | .056 | .056   | .041       | .056 | .056   | *          | *    | *      | *          | *    | *      |
| 48.....            | .041       | .055 | .055   | .041       | .056 | .055   | *          | *    | *      | *          | *    | *      |
| 49.....            | .040       | .055 | .055   | .040       | .055 | .055   | *          | *    | *      | *          | *    | *      |
| 50.....            | .040       | .054 | .054   | .040       | .055 | .055   | *          | *    | *      | *          | *    | *      |
| 51.....            | .039       | .054 | .054   | .040       | .054 | .054   | *          | *    | *      | *          | *    | *      |
| 52.....            | .039       | .053 | .053   | .039       | .053 | .054   | *          | *    | *      | *          | *    | *      |
| 53.....            | .039       | .053 | .053   | .039       | .053 | .053   | *          | *    | *      | *          | *    | *      |
| 54.....            | .038       | .052 | .053   | .038       | .052 | .053   | *          | *    | *      | *          | *    | *      |

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

| EXACT AGE IN YEARS | TOTAL      |       |        | WHITE      |      |        | ALL OTHER  |       |        |            |      |        |
|--------------------|------------|-------|--------|------------|------|--------|------------|-------|--------|------------|------|--------|
|                    | BOTH SEXES | MALE  | FEMALE |            |      |        | TOTAL      | BLACK |        |            |      |        |
|                    | BOTH SEXES | MALE  | FEMALE | BOTH SEXES | MALE | FEMALE | BOTH SEXES | MALE  | FEMALE | BOTH SEXES | MALE | FEMALE |
| 55.....            | .038       | .052  | .052   | .038       | .052 | .052   | *          | *     | *      | *          | *    | *      |
| 56.....            | .038       | .051  | .052   | .038       | .051 | .052   | *          | *     | *      | *          | *    | *      |
| 57.....            | .037       | .051  | .051   | .037       | .051 | .051   | *          | *     | *      | *          | *    | *      |
| 58.....            | .037       | .050  | .050   | .037       | .050 | .050   | *          | *     | *      | *          | *    | *      |
| 59.....            | .036       | .050  | .050   | .037       | .050 | .050   | *          | *     | *      | *          | *    | *      |
| 60.....            | .036       | .049  | .049   | .036       | .049 | .049   | *          | *     | *      | *          | *    | *      |
| 61.....            | .036       | .049  | .049   | .036       | .049 | .049   | *          | *     | *      | *          | *    | *      |
| 62.....            | .035       | .048  | .048   | .035       | .048 | .048   | *          | *     | *      | *          | *    | *      |
| 63.....            | .035       | .047  | .048   | .035       | .048 | .048   | *          | *     | *      | *          | *    | *      |
| 64.....            | .034       | .047  | .047   | .034       | .047 | .047   | *          | *     | *      | *          | *    | *      |
| 65.....            | .034       | .046  | .046   | .034       | .047 | .046   | *          | *     | *      | *          | *    | *      |
| 66.....            | .034       | .046  | .046   | .034       | .046 | .046   | *          | *     | *      | *          | *    | *      |
| 67.....            | .033       | .046  | .045   | .033       | .046 | .045   | *          | *     | *      | *          | *    | *      |
| 68.....            | .033       | .045  | .045   | .033       | .045 | .045   | *          | *     | *      | *          | *    | *      |
| 69.....            | .032       | .045  | .044   | .032       | .045 | .044   | *          | *     | *      | *          | *    | *      |
| 70.....            | .032       | .044  | .043   | .032       | .044 | .043   | *          | *     | *      | *          | *    | *      |
| 71.....            | .032       | .044  | .043   | .032       | .044 | .043   | *          | *     | *      | *          | *    | *      |
| 72.....            | .031       | .044  | .042   | .031       | .044 | .042   | *          | *     | *      | *          | *    | *      |
| 73.....            | .031       | .043  | .042   | .031       | .043 | .041   | *          | *     | *      | *          | *    | *      |
| 74.....            | .031       | .043  | .041   | .031       | .043 | .041   | *          | *     | *      | *          | *    | *      |
| 75.....            | .030       | .043  | .040   | .030       | .043 | .040   | *          | *     | *      | *          | *    | *      |
| 76.....            | .030       | .043  | .040   | .030       | .043 | .040   | *          | *     | *      | *          | *    | *      |
| 77.....            | .030       | .042  | .039   | .030       | .042 | .039   | *          | *     | *      | *          | *    | *      |
| 78.....            | .029       | .042  | .039   | .029       | .042 | .039   | *          | *     | *      | *          | *    | *      |
| 79.....            | .029       | .042  | .039   | .029       | .042 | .038   | *          | *     | *      | *          | *    | *      |
| 80.....            | .029       | .043  | .038   | .029       | .042 | .038   | *          | *     | *      | *          | *    | *      |
| 81.....            | .029       | .043  | .038   | .029       | .043 | .038   | *          | *     | *      | *          | *    | *      |
| 82.....            | .029       | .043  | .038   | .029       | .043 | .038   | *          | *     | *      | *          | *    | *      |
| 83.....            | .029       | .044  | .038   | .029       | .044 | .038   | *          | *     | *      | *          | *    | *      |
| 84.....            | .030       | .045  | .038   | .029       | .044 | .038   | *          | *     | *      | *          | *    | *      |
| 85.....            | .030       | .046  | .038   | .030       | .045 | .038   | *          | *     | *      | *          | *    | *      |
| 86.....            | .031       | .047  | .039   | .030       | .047 | .038   | *          | *     | *      | *          | *    | *      |
| 87.....            | .031       | .049  | .040   | .031       | .048 | .039   | *          | *     | *      | *          | *    | *      |
| 88.....            | .032       | .051  | .041   | .032       | .050 | .040   | *          | *     | *      | *          | *    | *      |
| 89.....            | .034       | .054  | .042   | .033       | .053 | .041   | *          | *     | *      | *          | *    | *      |
| 90.....            | .035       | .058  | .044   | .034       | .057 | .043   | *          | *     | *      | *          | *    | *      |
| 91.....            | .037       | .063  | .046   | .036       | .061 | .045   | *          | *     | *      | *          | *    | *      |
| 92.....            | .040       | .068  | .049   | .039       | .066 | .047   | *          | *     | *      | *          | *    | *      |
| 93.....            | .043       | .075  | .052   | .041       | .073 | .050   | *          | *     | *      | *          | *    | *      |
| 94.....            | .047       | .084  | .056   | .045       | .081 | .054   | *          | *     | *      | *          | *    | *      |
| 95.....            | .052       | .096  | .062   | .049       | .091 | .059   | *          | *     | *      | *          | *    | *      |
| 96.....            | .057       | .109  | .068   | .055       | .103 | .065   | *          | *     | *      | *          | *    | *      |
| 97.....            | .064       | .124  | .075   | .061       | .118 | .071   | *          | *     | *      | *          | *    | *      |
| 98.....            | .072       | .143  | .083   | .068       | .136 | .079   | *          | *     | *      | *          | *    | *      |
| 99.....            | .081       | .166  | .094   | .078       | .159 | .090   | *          | *     | *      | *          | *    | *      |
| 100.....           | .093       | .194  | .106   | .090       | .187 | .102   | *          | *     | *      | *          | *    | *      |
| 101.....           | .108       | .230  | .122   | .104       | .222 | .118   | *          | *     | *      | *          | *    | *      |
| 102.....           | .126       | .275  | .142   | .122       | .266 | .137   | *          | *     | *      | *          | *    | *      |
| 103.....           | .149       | .330  | .166   | .145       | .321 | .162   | *          | *     | *      | *          | *    | *      |
| 104.....           | .176       | .399  | .195   | .173       | .388 | .192   | *          | *     | *      | *          | *    | *      |
| 105.....           | .211       | .486  | .232   | .208       | .470 | .229   | *          | *     | *      | *          | *    | *      |
| 106.....           | .254       | .595  | .278   | .252       | .568 | .276   | *          | *     | *      | *          | *    | *      |
| 107.....           | .308       | .730  | .335   | .306       | .676 | .334   | *          | *     | *      | *          | *    | *      |
| 108.....           | .375       | .896  | .407   | .373       | .775 | .406   | *          | *     | *      | *          | *    | *      |
| 109.....           | .459       | 1.100 | .498   | .455       | .800 | .495   | *          | *     | *      | *          | *    | *      |

# 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.