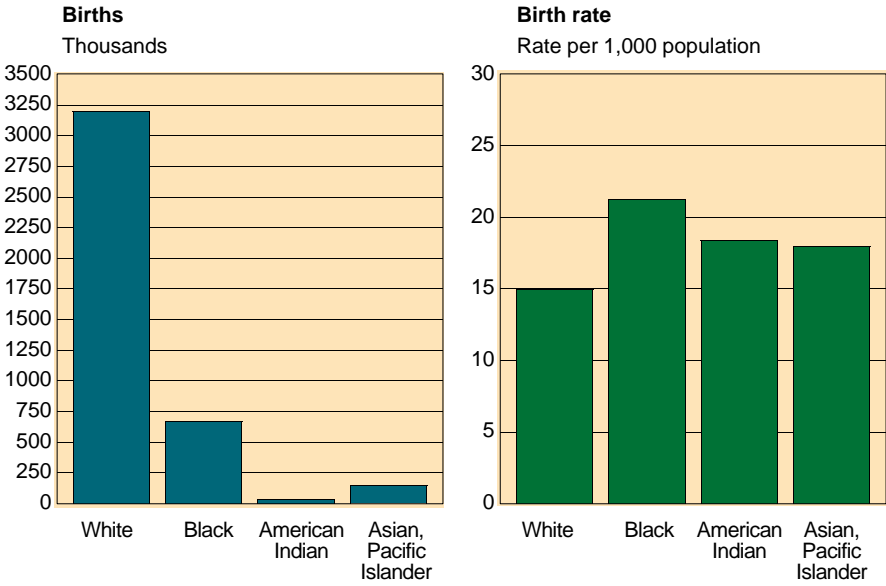
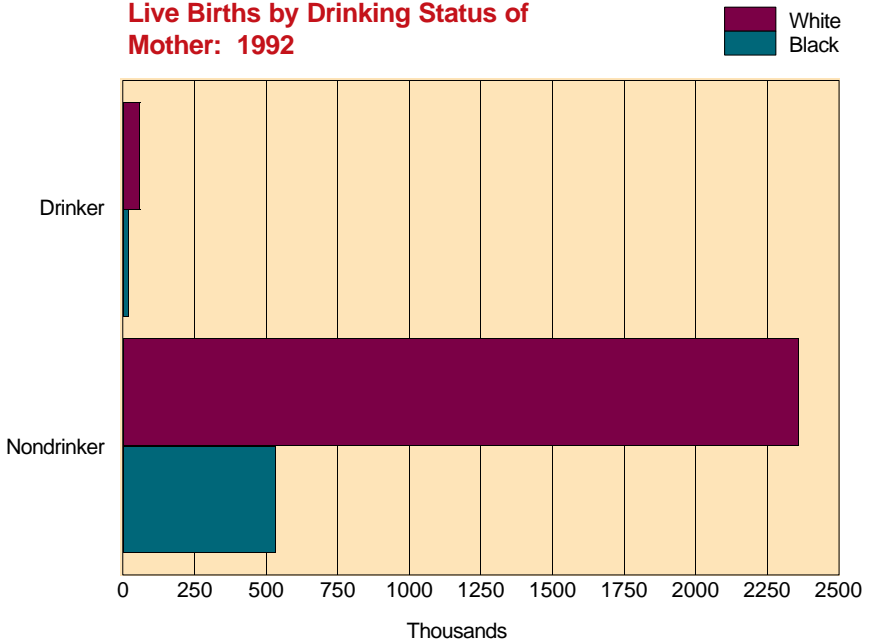


Figure 2.1  
**Births and Birth Rates, by Race: 1992**



Source: Chart prepared by U.S. Bureau of the Census. For data, see table 89.

Figure 2.2  
**Live Births by Drinking Status of Mother: 1992**



Source: Chart prepared by U.S. Bureau of the Census. For data, see table 110.

# Vital Statistics

This section presents vital statistics data on births, deaths, abortions, fetal deaths, fertility, life expectancy, marriages, and divorces. Vital statistics are compiled for the country as a whole by the National Center for Health Statistics (NCHS) and published in its annual report, *Vital Statistics of the United States*, in certain reports of the *Vital and Health Statistics* series, and in the *Monthly Vital Statistics Report*. Reports in this field are also issued by the various State bureaus of vital statistics. Data on fertility, on age of persons at first marriage, and on marital status and marital history are compiled by the Bureau of the Census from its Current Population Survey (CPS; see text, section 1) and published in *Current Population Reports*, P20 series. Data on abortions are published by the Alan Guttmacher Institute, New York, NY in selected issues of *Family Planning Perspectives*.

**Registration of vital events.**—The registration of births, deaths, fetal deaths, and other vital events in the United States is primarily a State and local function. The civil laws of every State provide for a continuous and permanent birth- and death-registration system. Many States also provide for marriage- and divorce-registration systems. Vital events occurring to U.S. residents outside the United States are not included in the data.

**Births and deaths.**—The live-birth, death, and fetal-death statistics prepared by NCHS are based on vital records filed in the registration offices of all States, of New York City, and of the District of Columbia. The annual collection of death statistics on a national basis began in 1900 with a national death-registration area of 10 States and the District of Columbia; a similar annual collection of birth statistics for a national birth-registration area began in 1915, also with 10 reporting States and the District of Columbia. Since 1933, the birth- and death-registration areas have comprised the entire United States, including Alaska (beginning 1959) and Hawaii (beginning 1960). National statistics on fetal deaths were

## In Brief

|   | 1994      |
|---|-----------|
| Births  | 3,979,000 |
| Deaths  | 2,286,000 |
| Marriages   | 2,362,000 |
| Divorces  | 1,191,000 |
| Acquired Immunodeficiency Syndrome deaths; 1982–94: |           |
| All ages  | 258,658   |
| 13 to 29 years old                                  | 45,620    |
| 30 to 39 years old                                  | 117,759   |
| 40 to 49 years old                                  | 64,639    |
| 50 to 59 years old                                  | 21,415    |
| 60 years old and over                               | 9,225     |

first compiled for 1918 and annually since 1922.

Prior to 1951, birth statistics came from a complete count of records received in the Public Health Service (now received in NCHS). From 1951 through 1971, they were based on a 50-percent sample of all registered births (except for a complete count in 1955 and a 20- to 50-percent sample in 1967). Beginning in 1972, they have been based on a complete count for States participating in the Vital Statistics Cooperative Program (VSCP) (for details, see the technical appendix in *Vital Statistics of the United States*) and on a 50-percent sample of all other areas. Beginning 1986 all reporting areas participated in the VSCP. Mortality data have been based on a complete count of records for each area (except for a 50-percent sample in 1972). Beginning in 1970, births to, and deaths of nonresident aliens of the United States and U.S. citizens outside the United States have been excluded from the data. Fetal deaths and deaths among Armed Forces abroad are excluded. Data based on samples are subject to sampling error; for details, see annual issues of *Vital Statistics of the United States*.

Mortality statistics by cause of death are compiled in accordance with World Health Organization regulations according to the *International Classification of Diseases* (ICD). The ICD is revised approximately every 10 years. The ninth revision of the ICD was employed

beginning in 1979. Deaths for prior years were classified according to the revision of the ICD in use at the time. Each revision of the ICD introduces a number of discontinuities in mortality statistics; for a discussion of those between the eighth and ninth revisions of the ICD, see *Monthly Vital Statistics Report*, vol. 28, No. 11, supplement.

Some of the tables present age-adjusted death rates in addition to crude death rates. Age-adjusted death rates shown in this section were prepared using the direct method, in which age-specific death rates for a population of interest are applied to a standard population distributed by age. Age adjustment eliminates the differences in observed rates between points in time or among compared population groups that result from age differences in population composition.

**Abortions.**—The U.S. Centers for Disease Control (CDC) collects data on abortions annually from States which have a central health agency with a statewide reporting system. The Alan Guttmacher Institute, New York, NY also issues data on the number of abortions based on its own surveys of hospitals and physicians. The Guttmacher Institute also publishes data on the characteristics of abortions after adjusting CDC data for changes in the number of States reporting each year.

**Fertility and life expectancy.**—The total fertility rate, defined as the number of births that 1,000 women would have in their lifetime if, at each year of age, they experienced the birth rates occurring in the specified year, is compiled and published by NCHS. Other data relating to social and medical factors which affect fertility rates, such as contraceptive use and birth expectations, are collected and made available by both NCHS and the Bureau of the Census. NCHS figures are based on information in birth and fetal death certificates and on the periodic National Surveys of Family Growth; Bureau of the Census data are based on decennial censuses and the CPS.

Data on life expectancy, the average remaining lifetime in years for persons who attain a given age, are computed and published by NCHS. For details, see the technical appendix in *Vital Statistics of the United States*.

**Marriage and divorce.**—The compilation of nationwide statistics on marriages and divorces in the United States began in 1887-88 when the National Office of Vital Statistics prepared estimates for the years 1867-86. Although periodic updates took place after 1888, marriage and divorce statistics were not collected and published annually until 1944 by that Office. In 1957 and 1958, respectively, the same Office established marriage- and divorce-registration areas. Beginning in 1957, the marriage-registration area comprised 30 States, plus Alaska, Hawaii, Puerto Rico, and the Virgin Islands; it currently includes 42 States and the District of Columbia. The divorce-registration area, starting in 1958 with 14 States, Alaska, Hawaii, and the Virgin Islands, currently includes a total of 31 States and the Virgin Islands. Procedures for estimating the number of marriages and divorces in the registration States are discussed in *Vital Statistics of the United States*, vol. III—*Marriage and Divorce*. Total counts of events for registration and nonregistration States are gathered by collecting already summarized data on marriages and divorces reported by State offices of vital statistics and by county offices of registration.

Another important source of data on marriage and divorce trends in the United States is the March supplement to the Current Population Survey conducted by the Bureau of the Census. For information on marital status, see section 1.

**Vital statistics rates.**—Except as noted, vital statistics rates computed by NCHS are based on decennial census population figures as of April 1 for 1940, 1950, 1960, 1970, 1980, and 1990; and on midyear population figures for other years, as estimated by the Bureau of the Census (see text, section 1).

**Race.**—Data by race for births, deaths, marriages, and divorces from NCHS are based on information contained in the certificates of registration. The Census Bureau's Current Population Survey obtains information on race by asking respondents to classify their race as: (1) White, (2) Black, (3) American Indian, Eskimo, or Aleut, or (4) Asian or Pacific Islander.

**No. 87. Live Births, Deaths, Marriages, and Divorces: 1950 to 1993**

[Prior to 1960, excludes Alaska and Hawaii. Beginning 1970, excludes births to and deaths of nonresidents of the United States. See Appendix III. See also *Historical Statistics, Colonial Times to 1970*, series B 1-5, B 142, B 167, and B 216]

| YEAR | NUMBER (1,000)      |        |                     |                        | RATE PER 1,000 POPULATION |                     |        |                     |                        |                       |
|------|---------------------|--------|---------------------|------------------------|---------------------------|---------------------|--------|---------------------|------------------------|-----------------------|
|      | Births <sup>1</sup> | Deaths |                     | Marriages <sup>3</sup> | Divorces <sup>4</sup>     | Births <sup>1</sup> | Deaths |                     | Marriages <sup>3</sup> | Divorces <sup>4</sup> |
|      |                     | Total  | Infant <sup>2</sup> |                        |                           |                     | Total  | Infant <sup>2</sup> |                        |                       |
| 1950 | 3,632               | 1,452  | 104                 | 1,667                  | 385                       | 24.1                | 9.6    | 29.2                | 11.1                   | 2.6                   |
| 1955 | 4,097               | 1,529  | 107                 | 1,531                  | 377                       | 25.0                | 9.3    | 26.4                | 9.3                    | 2.3                   |
| 1957 | 4,300               | 1,633  | 112                 | 1,518                  | 381                       | 25.3                | 9.6    | 26.3                | 8.9                    | 2.2                   |
| 1960 | 4,258               | 1,712  | 111                 | 1,523                  | 393                       | 23.7                | 9.5    | 26.0                | 8.5                    | 2.2                   |
| 1965 | 3,760               | 1,828  | 93                  | 1,800                  | 479                       | 19.4                | 9.4    | 24.7                | 9.3                    | 2.5                   |
| 1970 | 3,731               | 1,921  | 75                  | 2,159                  | 708                       | 18.4                | 9.5    | 20.0                | 10.6                   | 3.5                   |
| 1971 | 3,556               | 1,928  | 68                  | 2,190                  | 773                       | 17.2                | 9.3    | 19.1                | 10.6                   | 3.7                   |
| 1972 | 3,258               | 1,964  | 60                  | 2,282                  | 845                       | 15.6                | 9.4    | 18.5                | 10.9                   | 4.0                   |
| 1973 | 3,137               | 1,973  | 56                  | 2,284                  | 915                       | 14.8                | 9.3    | 17.7                | 10.8                   | 4.3                   |
| 1974 | 3,160               | 1,934  | 53                  | 2,230                  | 977                       | 14.8                | 9.1    | 16.7                | 10.5                   | 4.6                   |
| 1975 | 3,144               | 1,893  | 51                  | 2,153                  | 1,036                     | 14.6                | 8.8    | 16.1                | 10.0                   | 4.8                   |
| 1976 | 3,168               | 1,909  | 48                  | 2,155                  | 1,083                     | 14.6                | 8.8    | 15.2                | 9.9                    | 5.0                   |
| 1977 | 3,327               | 1,900  | 47                  | 2,178                  | 1,091                     | 15.1                | 8.6    | 14.1                | 9.9                    | 5.0                   |
| 1978 | 3,333               | 1,928  | 46                  | 2,282                  | 1,130                     | 15.0                | 8.7    | 13.8                | 10.3                   | 5.1                   |
| 1979 | 3,494               | 1,914  | 46                  | 2,331                  | 1,181                     | 15.6                | 8.5    | 13.1                | 10.4                   | 5.3                   |
| 1980 | 3,612               | 1,990  | 46                  | 2,390                  | 1,189                     | 15.9                | 8.8    | 12.6                | 10.6                   | 5.2                   |
| 1981 | 3,629               | 1,978  | 43                  | 2,422                  | 1,213                     | 15.8                | 8.6    | 11.9                | 10.6                   | 5.3                   |
| 1982 | 3,681               | 1,975  | 42                  | 2,456                  | 1,170                     | 15.9                | 8.5    | 11.5                | 10.6                   | 5.1                   |
| 1983 | 3,639               | 2,019  | 41                  | 2,446                  | 1,158                     | 15.6                | 8.6    | 11.2                | 10.5                   | 5.0                   |
| 1984 | 3,669               | 2,039  | 40                  | 2,477                  | 1,169                     | 15.6                | 8.6    | 10.8                | 10.5                   | 5.0                   |
| 1985 | 3,761               | 2,086  | 40                  | 2,413                  | 1,190                     | 15.8                | 8.8    | 10.6                | 10.1                   | 5.0                   |
| 1986 | 3,757               | 2,105  | 39                  | 2,407                  | 1,178                     | 15.6                | 8.8    | 10.4                | 10.0                   | 4.9                   |
| 1987 | 3,809               | 2,123  | 38                  | 2,403                  | 1,166                     | 15.7                | 8.8    | 10.1                | 9.9                    | 4.8                   |
| 1988 | 3,910               | 2,168  | 39                  | 2,396                  | 1,167                     | 16.0                | 8.9    | 10.0                | 9.8                    | 4.8                   |
| 1989 | 4,041               | 2,150  | 40                  | 2,404                  | 1,163                     | 16.4                | 8.7    | 9.8                 | 9.7                    | 5.7                   |
| 1990 | 4,158               | 2,148  | 38                  | 2,448                  | 1,175                     | 16.7                | 8.6    | 9.2                 | 9.8                    | 5.7                   |
| 1991 | 4,111               | 2,170  | 37                  | 2,371                  | 1,187                     | 16.3                | 8.6    | 8.9                 | 9.4                    | 5.7                   |
| 1992 | 4,065               | 2,176  | 35                  | 2,362                  | 1,215                     | 15.9                | 8.5    | 8.5                 | 9.3                    | 4.8                   |
| 1993 | 4,039               | 2,268  | 33                  | 2,334                  | 1,187                     | 15.7                | 8.8    | 8.3                 | 9.0                    | 4.6                   |

<sup>1</sup> Prior to 1960, data adjusted for underregistration. <sup>2</sup> Infants under 1 year, excluding fetal deaths; rates per 1,000 registered live births. <sup>3</sup> Includes estimates for some States through 1965 and also for 1976 and 1977 and marriage licenses for some States for all years except 1973 and 1975. Beginning 1978, includes nonlicensed marriages in California. <sup>4</sup> Includes reported annulments and some estimated State figures for all years. <sup>5</sup> Preliminary.

Source: U.S. National Center for Health Statistics, *Vital Statistics of the United States*, annual, *Monthly Vital Statistics Report*, and unpublished data.

**No. 88. Live Births, by Race and Type of Hispanic Origin—Selected Characteristics: 1990 and 1992**

[Represents registered births. Excludes births to nonresidents of the United States. Hispanic origin data are available from only 23 States and the District of Columbia in 1985 and 48 States and DC in 1990]

| RACE AND HISPANIC ORIGIN                | NUMBER OF BIRTHS (1,000) |              | BIRTHS TO TEENAGE MOTHERS, PERCENT OF TOTAL |             | BIRTHS TO UNMARRIED MOTHERS, PERCENT OF TOTAL |             | PERCENT OF MOTHERS BEGINNING PRENATAL CARE DURING— |             |                            |            | PERCENT OF BIRTHS WITH LOW BIRTH WEIGHT <sup>1</sup> |            |
|---|--------------------------|--------------|---|-------------|---|-------------|--|-------------|----------------------------|------------|--|------------|
|   | 1990                     | 1992         | 1990  | 1992        | 1990  | 1992        | First trimester                                    |             | Third trimester or no care |            | 1990   | 1992       |
|   |                          |              |   |             |   |             | 1990   | 1992        | 1990                       | 1992       |  |            |
| <b>Total</b>                            | <b>4,158</b>             | <b>4,065</b> | <b>12.8</b>                                 | <b>12.7</b> | <b>26.6</b>                                   | <b>30.1</b> | <b>74.2</b>  | <b>77.7</b> | <b>6.0</b>                 | <b>5.2</b> | <b>7.0</b>   | <b>7.1</b> |
| White                                   | 3,290                    | 3,202        | 10.9  | 10.9        | 16.9  | 22.6        | 77.7   | 80.8        | 4.9                        | 4.2        | 5.7  | 5.8        |
| Black                                   | 684                      | 674          | 23.1  | 22.7        | 66.7  | 68.1        | 60.7   | 63.9        | 10.9                       | 9.9        | 13.3   | 13.3       |
| American Indian, Eskimo, Aleut          | 39                       | 39           | 19.5  | 20.0        | 53.6  | 55.3        | 57.9   | 62.1        | 12.9                       | 11.0       | 6.1  | 6.2        |
| Asian and Pacific Islander <sup>2</sup> | 142                      | 150          | 5.7   | 5.6         | (NA)  | 14.7        | (NA)   | 76.6        | (NA)                       | 4.9        | (NA)   | 6.6        |
| Filipino                                | 26                       | 29           | 6.1   | 5.6         | 15.9  | 16.8        | 77.1   | 78.7        | 4.5                        | 4.3        | 7.3  | 7.4        |
| Chinese                                 | 23                       | 25           | 1.2   | 1.0         | 5.0   | 6.1         | 81.3   | 83.8        | 3.4                        | 2.9        | 4.7  | 5.0        |
| Japanese                                | 9                        | 9            | 2.9   | 2.6         | 9.6   | 9.8         | 87.0   | 88.2        | 2.9                        | 2.4        | 6.2  | 7.0        |
| Hawaiian                                | 6                        | 6            | 18.4  | 18.4        | 45.0  | 45.7        | 65.8   | 69.9        | 8.7                        | 7.0        | 7.2  | 6.9        |
| Hispanic origin <sup>3</sup>            | 595                      | 643          | 16.8  | 17.1        | 36.7  | 39.1        | 60.2   | 64.2        | 12.0                       | 9.5        | 6.1  | 6.1        |
| Mexican                                 | 386                      | 432          | 17.7  | 18.0        | 33.3  | 36.3        | 57.8   | 62.1        | 13.2                       | 10.5       | 5.5  | 5.6        |
| Puerto Rican                            | 59                       | 60           | 21.7  | 21.4        | 55.9  | 57.5        | 63.5   | 67.8        | 10.6                       | 8.0        | 9.0  | 9.2        |
| Cuban                                   | 11                       | 11           | 7.7   | 7.1         | 18.2  | 20.2        | 84.8   | 86.8        | 2.8                        | 2.1        | 5.7  | 6.1        |
| Central and South American              | 83                       | 89           | 9.0   | 9.6         | 41.2  | 43.9        | 61.5   | 66.8        | 10.9                       | 7.9        | 5.8  | 5.8        |

NA Not available. <sup>1</sup> Births less than 2,500 grams (5 lb.-8 oz.). <sup>2</sup> Includes other races not shown separately. <sup>3</sup> Hispanic persons may be of any race. Includes other types, not shown separately.

Source: U.S. National Center for Health Statistics, *Vital Statistics of the United States*, annual, *Monthly Vital Statistics Report*, and unpublished data.

## No. 89. Births and Birth Rates: 1970 to 1992

[Births in thousands and beginning 1980, by race of child. Excludes births to nonresidents of the United States. For population bases used to derive these data, see text, section 2, and Appendix III. See also *Historical Statistics, Colonial Times to 1970*, series B 1, B 5-10, and B 12-20]

| ITEM                                    | 1970         | 1980         | 1984         | 1985         | 1986         | 1987         | 1988         | 1989         | 1990         | 1991         | 1992         |
|---|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
| <b>Live births</b> <sup>1</sup>         | <b>3,731</b> | <b>3,612</b> | <b>3,669</b> | <b>3,761</b> | <b>3,757</b> | <b>3,809</b> | <b>3,910</b> | <b>4,041</b> | <b>4,158</b> | <b>4,111</b> | <b>4,065</b> |
| White                                   | 3,091        | 2,936        | 2,967        | 3,038        | 3,019        | 3,044        | 3,102        | 3,192        | 3,290        | 3,241        | 3,202        |
| Black                                   | 572          | 568          | 568          | 582          | 593          | 611          | 639          | 673          | 684          | 683          | 674          |
| American Indian                         | 26           | 29           | 33           | 34           | 34           | 35           | 37           | 39           | 39           | 39           | 39           |
| Asian or Pacific Islander               | (NA)         | 74           | 99           | 105          | 108          | 117          | 129          | 133          | 142          | 145          | 150          |
| Male                                    | 1,915        | 1,853        | 1,879        | 1,928        | 1,925        | 1,951        | 2,002        | 2,069        | 2,129        | 2,102        | 2,082        |
| Female                                  | 1,816        | 1,760        | 1,790        | 1,833        | 1,832        | 1,858        | 1,907        | 1,971        | 2,029        | 2,009        | 1,983        |
| Males per 100 females                   | 106          | 105          | 105          | 105          | 105          | 105          | 105          | 105          | 105          | 105          | 105          |
| Age of mother:                          |              |              |              |              |              |              |              |              |              |              |              |
| Under 20 years old                      |              | 656          | 562          | 480          | 478          | 472          | 473          | 489          | 518          | 533          | 532          |
| 20 to 24 years old                      | 1,419        | 1,226        | 1,142        | 1,141        | 1,102        | 1,076        | 1,067        | 1,078        | 1,094        | 1,090        | 1,070        |
| 25 to 29 years old                      | 995          | 1,108        | 1,166        | 1,201        | 1,200        | 1,216        | 1,239        | 1,263        | 1,277        | 1,220        | 1,179        |
| 30 to 34 years old                      | 428          | 550          | 658          | 696          | 721          | 761          | 804          | 842          | 886          | 885          | 895          |
| 35 to 39 years old                      | 180          | 141          | 196          | 214          | 230          | 248          | 270          | 294          | 318          | 331          | 345          |
| 40 years old or more                    | 53           | 24           | 28           | 29           | 31           | 36           | 41           | 46           | 50           | 54           | 58           |
| Age of father:                          |              |              |              |              |              |              |              |              |              |              |              |
| Under 20 years old                      | 189          | 137          | 109          | 108          | 105          | 105          | 111          | 120          | 129          | 130          | 129          |
| 20 to 24 years old                      | 1,015        | 803          | 696          | 685          | 651          | 627          | 617          | 613          | 628          | 625          | 621          |
| 25 to 29 years old                      | 1,085        | 1,082        | 1,067        | 1,081        | 1,059        | 1,053        | 1,055        | 1,056        | 1,060        | 1,007        | 969          |
| 30 to 34 years old                      | 599          | 739          | 806          | 837          | 845          | 872          | 904          | 922          | 955          | 940          | 940          |
| 35 to 39 years old                      | 298          | 275          | 356          | 381          | 398          | 413          | 431          | 451          | 474          | 478          | 488          |
| 40 years old or more                    | 214          | 139          | 160          | 167          | 174          | 191          | 205          | 221          | 231          | 236          | 242          |
| Age not stated                          | 330          | 437          | 475          | 502          | 524          | 549          | 585          | 659          | 681          | 696          | 677          |
| Birth rate per 1,000 population         | 18.4         | 15.9         | 15.6         | 15.8         | 15.6         | 15.7         | 16.0         | 16.4         | 16.7         | 16.3         | 15.9         |
| White                                   | 17.4         | 15.1         | 14.8         | 15.0         | 14.8         | 14.9         | 15.0         | 15.4         | 15.8         | 15.4         | 15.0         |
| Black                                   | 25.3         | 21.3         | 20.1         | 20.4         | 20.5         | 20.8         | 21.5         | 22.3         | 22.4         | 21.9         | 21.3         |
| American Indian                         | (NA)         | 20.7         | 20.1         | 19.8         | 19.2         | 19.1         | 19.3         | 19.7         | 18.9         | 18.3         | 18.4         |
| Asian or Pacific Islander               | (NA)         | 19.9         | 18.8         | 18.7         | 18.0         | 18.4         | 19.2         | 18.7         | 19.0         | 18.2         | 18.0         |
| Male                                    | 19.4         | 16.8         | 16.4         | 16.7         | 16.5         | 16.5         | 16.8         | 17.2         | 17.6         | 17.1         | 16.7         |
| Female                                  | 17.4         | 15.1         | 14.8         | 15.0         | 14.9         | 14.9         | 15.2         | 15.6         | 15.9         | 15.6         | 15.2         |
| Plural birth ratio <sup>2</sup>         | (NA)         | 19.3         | 20.3         | 21.0         | 21.6         | 22.0         | 22.4         | 23.0         | 23.3         | 23.9         | 24.4         |
| White                                   | (NA)         | 18.5         | 19.8         | 20.4         | 21.2         | 21.6         | 22.0         | 22.5         | 22.9         | 23.4         | 24.0         |
| Black                                   | (NA)         | 24.1         | 24.2         | 25.3         | 24.9         | 25.4         | 25.8         | 26.9         | 27.0         | 27.8         | 28.2         |
| Birth rate per 1,000 women <sup>3</sup> | 87.9         | 68.4         | 65.4         | 66.2         | 65.4         | 65.7         | 67.2         | 69.2         | 70.9         | 69.6         | 68.9         |
| White <sup>3</sup>                      | 84.1         | 64.8         | 63.2         | 64.1         | 63.1         | 63.3         | 64.5         | 66.4         | 68.3         | 67.0         | 66.5         |
| Black <sup>3</sup>                      | 115.4        | 84.7         | 78.2         | 78.8         | 78.9         | 60.1         | 82.6         | 86.2         | 86.8         | 85.2         | 83.2         |
| American Indian <sup>3</sup>            | (NA)         | 82.7         | 79.8         | 78.6         | 75.9         | 75.6         | 76.8         | 79           | 76.2         | 75.1         | 75.4         |
| Asian or Pacific Islander <sup>3</sup>  | (NA)         | 73.2         | 69.2         | 68.4         | 66           | 67.1         | 70.2         | 68.2         | 69.6         | 67.6         | 67.2         |
| Age of mother:                          |              |              |              |              |              |              |              |              |              |              |              |
| 10 to 14 years old                      | 1.2          | 1.1          | 1.2          | 1.2          | 1.3          | 1.3          | 1.4          | 1.4          | 1.4          | 1.4          | 1.4          |
| 15 to 19 years old                      | 68.3         | 53.0         | 50.6         | 51.0         | 50.2         | 50.6         | 53.0         | 57.3         | 59.9         | 62.1         | 60.7         |
| 20 to 24 years old                      | 167.8        | 115.1        | 106.8        | 108.3        | 107.4        | 107.9        | 110.2        | 113.8        | 116.5        | 115.7        | 114.6        |
| 25 to 29 years old                      | 145.1        | 112.9        | 108.7        | 111.0        | 109.8        | 111.6        | 114.4        | 117.6        | 120.2        | 118.2        | 117.4        |
| 30 to 34 years old                      | 73.3         | 61.9         | 67.0         | 69.1         | 70.1         | 72.1         | 74.8         | 77.4         | 80.8         | 79.5         | 80.2         |
| 35 to 39 years old                      | 31.7         | 19.8         | 22.9         | 24.0         | 24.4         | 26.3         | 28.1         | 29.9         | 31.7         | 32.0         | 32.5         |
| 40 to 44 years old                      | 8.1          | 3.9          | 3.9          | 4.0          | 4.1          | 4.4          | 4.8          | 5.2          | 5.5          | 5.5          | 5.9          |
| 45 to 49 years old                      | 0.5          | 0.2          | 0.2          | 0.2          | 0.2          | 0.2          | 0.2          | 0.2          | 0.2          | 0.2          | 0.3          |

NA Not available. <sup>1</sup> Includes other races not shown separately. <sup>2</sup> Number of multiple births per 1,000 live births. <sup>3</sup> Per 1,000 women, 15 to 44 years old in specified group. The rate for *age of mother 45 to 49 years old* computed by relating births to mothers 45 years old and over to women 45 to 49 years old.

Source: U.S. National Center for Health Statistics, *Vital Statistics of the United States*, annual; *Monthly Vital Statistics Report*; and unpublished data.

No. 90. Live Births, by State: 1992

[Registered births. Excludes births to nonresidents of the United States. By race of mother. See Appendix III]

| DIVISION AND STATE                  | All races <sup>1</sup> | WHITE            |                  | BLACK          |                | Hispanic <sup>2</sup> | Birth rate <sup>3</sup> | Fertility rate <sup>4</sup> |
|-------------------------------------|------------------------|------------------|------------------|----------------|----------------|-----------------------|-------------------------|-----------------------------|
|                                     |                        | Total            | Non-Hispanic     | Total          | Non-Hispanic   |                       |                         |                             |
| <b>United States . . . . .</b>      | <b>4,065,014</b>       | <b>3,201,678</b> | <b>2,527,207</b> | <b>673,633</b> | <b>657,450</b> | <b>643,271</b>        | <b>15.9</b>             | <b>68.9</b>                 |
| <b>Northeast . . . . .</b>          | <b>761,509</b>         | <b>606,595</b>   | <b>491,957</b>   | <b>126,004</b> | <b>116,253</b> | <b>92,287</b>         | <b>14.9</b>             | <b>(NA)</b>                 |
| <b>New England . . . . .</b>        | <b>189,088</b>         | <b>167,197</b>   | <b>132,905</b>   | <b>16,203</b>  | <b>13,614</b>  | <b>15,682</b>         | <b>14.3</b>             | <b>(NA)</b>                 |
| Maine . . . . .                     | 16,057                 | 15,762           | 15,033           | 82             | 75             | 101                   | 13.0                    | 56.3                        |
| New Hampshire . . . . .             | 15,990                 | 15,714           | (NA)             | 109            | (NA)           | (NA)                  | 14.3                    | 59.5                        |
| Vermont . . . . .                   | 7,737                  | 6,629            | 6,672            | 34             | 32             | 30                    | 13.5                    | 56.6                        |
| Massachusetts . . . . .             | 87,231                 | 75,141           | 67,564           | 8,647          | 7,141          | 8,522                 | 14.6                    | 60.8                        |
| Rhode Island . . . . .              | 14,500                 | 12,673           | 10,408           | 1,186          | 1,017          | 1,553                 | 14.5                    | 62.5                        |
| Connecticut . . . . .               | 47,573                 | 40,278           | 33,228           | 6,145          | 5,349          | 5,476                 | 14.5                    | 63.2                        |
| <b>Middle Atlantic . . . . .</b>    | <b>572,421</b>         | <b>439,398</b>   | <b>359,052</b>   | <b>109,801</b> | <b>102,639</b> | <b>76,605</b>         | <b>15.1</b>             | <b>(NA)</b>                 |
| New York . . . . .                  | 287,887                | 212,579          | 154,439          | 60,990         | 55,549         | 53,047                | 15.9                    | 68.1                        |
| New Jersey . . . . .                | 119,909                | 90,823           | 74,348           | 23,406         | 22,103         | 17,609                | 15.3                    | 66.8                        |
| Pennsylvania . . . . .              | 164,625                | 135,996          | 130,265          | 25,405         | 24,987         | 5,949                 | 13.7                    | 61.6                        |
| <b>Midwest . . . . .</b>            | <b>914,172</b>         | <b>753,638</b>   | <b>698,065</b>   | <b>137,587</b> | <b>135,667</b> | <b>45,183</b>         | <b>15.1</b>             | <b>(NA)</b>                 |
| <b>East North Central . . . . .</b> | <b>652,542</b>         | <b>523,958</b>   | <b>480,964</b>   | <b>115,392</b> | <b>114,346</b> | <b>38,291</b>         | <b>15.3</b>             | <b>(NA)</b>                 |
| Ohio . . . . .                      | 162,247                | 134,344          | 131,703          | 25,994         | 25,880         | 2,583                 | 14.7                    | 63.9                        |
| Indiana . . . . .                   | 84,140                 | 73,914           | 71,956           | 9,426          | 9,392          | 1,941                 | 14.9                    | 64.0                        |
| Illinois . . . . .                  | 191,396                | 142,842          | 115,760          | 42,923         | 42,346         | 27,333                | 16.5                    | 71.4                        |
| Michigan . . . . .                  | 144,089                | 112,169          | 102,987          | 29,742         | 29,463         | 4,302                 | 15.3                    | 62.5                        |
| Wisconsin . . . . .                 | 70,670                 | 60,689           | 58,558           | 7,307          | 7,265          | 2,132                 | 14.2                    | 62.4                        |
| <b>West North Central . . . . .</b> | <b>261,630</b>         | <b>229,680</b>   | <b>217,101</b>   | <b>22,195</b>  | <b>21,321</b>  | <b>6,892</b>          | <b>14.6</b>             | <b>(NA)</b>                 |
| Minnesota . . . . .                 | 65,607                 | 59,187           | 52,515           | 2,916          | 2,132          | 1,377                 | 14.7                    | 63.7                        |
| Iowa . . . . .                      | 38,469                 | 36,567           | 35,724           | 1,184          | 1,167          | 853                   | 13.7                    | 63.2                        |
| Missouri . . . . .                  | 76,301                 | 61,908           | 60,901           | 13,315         | 13,282         | 1,018                 | 14.7                    | 65.5                        |
| North Dakota . . . . .              | 8,811                  | 7,831            | 7,657            | 75             | 73             | 119                   | 13.9                    | 63.6                        |
| South Dakota . . . . .              | 11,018                 | 9,110            | 9,008            | 79             | 74             | 109                   | 15.6                    | 73.0                        |
| Nebraska . . . . .                  | 23,397                 | 21,403           | 20,013           | 1,312          | 1,306          | 1,105                 | 14.6                    | 66.0                        |
| Kansas . . . . .                    | 38,027                 | 33,674           | 31,283           | 3,314          | 3,287          | 2,311                 | 15.1                    | 68.2                        |
| <b>South . . . . .</b>              | <b>1,388,111</b>       | <b>1,006,482</b> | <b>833,487</b>   | <b>349,657</b> | <b>346,605</b> | <b>174,970</b>        | <b>15.7</b>             | <b>(NA)</b>                 |
| <b>South Atlantic . . . . .</b>     | <b>681,787</b>         | <b>467,543</b>   | <b>425,656</b>   | <b>198,740</b> | <b>196,151</b> | <b>43,567</b>         | <b>15.1</b>             | <b>(NA)</b>                 |
| Delaware . . . . .                  | 10,656                 | 7,901            | 7,504            | 2,553          | 2,502          | 426                   | 15.4                    | 65.2                        |
| Maryland . . . . .                  | 77,815                 | 49,619           | 46,492           | 25,426         | 24,549         | 2,980                 | 15.8                    | 65.3                        |
| District of Columbia . . . . .      | 10,960                 | 1,607            | 1,319            | 8,803          | 8,521          | 893                   | 18.7                    | 71.2                        |
| Virginia . . . . .                  | 97,198                 | 70,137           | 66,370           | 23,854         | 23,737         | 3,890                 | 15.2                    | 62.6                        |
| West Virginia . . . . .             | 22,170                 | 21,248           | 21,185           | 815            | 812            | 75                    | 12.3                    | 54.6                        |
| North Carolina . . . . .            | 103,967                | 70,772           | 68,482           | 30,333         | 30,262         | 2,379                 | 15.2                    | 64.7                        |
| South Carolina . . . . .            | 56,192                 | 33,977           | 33,379           | 21,604         | 21,535         | 625                   | 15.6                    | 65.5                        |
| Georgia . . . . .                   | 111,116                | 68,819           | 65,794           | 40,382         | 40,279         | 2,932                 | 16.4                    | 66.9                        |
| Florida . . . . .                   | 191,713                | 143,463          | 115,131          | 44,970         | 43,954         | 29,367                | 14.2                    | 68.0                        |
| <b>East South Central . . . . .</b> | <b>232,395</b>         | <b>165,390</b>   | <b>163,868</b>   | <b>64,744</b>  | <b>64,660</b>  | <b>1,552</b>          | <b>15.0</b>             | <b>(NA)</b>                 |
| Kentucky . . . . .                  | 53,840                 | 48,227           | 47,840           | 5,188          | 5,167          | 372                   | 14.3                    | 61.5                        |
| Tennessee . . . . .                 | 73,614                 | 55,279           | 54,700           | 17,510         | 17,490         | 595                   | 14.6                    | 62.5                        |
| Alabama . . . . .                   | 62,260                 | 40,180           | 39,774           | 21,522         | 21,488         | 444                   | 15.0                    | 64.8                        |
| Mississippi . . . . .               | 42,681                 | 21,704           | 21,554           | 20,524         | 20,515         | 141                   | 16.3                    | 70.2                        |
| <b>West South Central . . . . .</b> | <b>473,929</b>         | <b>373,549</b>   | <b>243,963</b>   | <b>86,173</b>  | <b>85,794</b>  | <b>129,851</b>        | <b>17.2</b>             | <b>(NA)</b>                 |
| Arkansas . . . . .                  | 34,820                 | 26,289           | 25,828           | 8,152          | 8,133          | 472                   | 14.5                    | 66.2                        |
| Louisiana . . . . .                 | 70,707                 | 39,757           | 38,900           | 29,841         | 29,751         | 977                   | 16.5                    | 69.8                        |
| Oklahoma . . . . .                  | 47,557                 | 37,305           | 35,320           | 5,164          | 5,124          | 2,045                 | 14.8                    | 66.5                        |
| Texas . . . . .                     | 320,845                | 270,198          | 143,915          | 43,016         | 42,786         | 126,357               | 18.1                    | 76.1                        |
| <b>West . . . . .</b>               | <b>1,001,222</b>       | <b>834,963</b>   | <b>503,698</b>   | <b>60,385</b>  | <b>58,925</b>  | <b>330,831</b>        | <b>18.2</b>             | <b>(NA)</b>                 |
| <b>Mountain . . . . .</b>           | <b>246,417</b>         | <b>219,655</b>   | <b>165,971</b>   | <b>8,549</b>   | <b>8,294</b>   | <b>53,949</b>         | <b>17.1</b>             | <b>(NA)</b>                 |
| Montana . . . . .                   | 11,472                 | 9,981            | 9,458            | 49             | 36             | 189                   | 14.0                    | 63.6                        |
| Idaho . . . . .                     | 17,362                 | 16,834           | 15,065           | 58             | 55             | 1,758                 | 16.3                    | 73.5                        |
| Wyoming . . . . .                   | 6,723                  | 6,326            | 5,852            | 65             | 61             | 482                   | 14.5                    | 62.9                        |
| Colorado . . . . .                  | 54,535                 | 49,644           | 39,512           | 3,008          | 2,919          | 10,303                | 15.7                    | 65.0                        |
| New Mexico . . . . .                | 27,922                 | 23,159           | 10,331           | 513            | 489            | 12,957                | 17.7                    | 77.0                        |
| Arizona . . . . .                   | 68,829                 | 59,432           | 37,790           | 2,448          | 2,399          | 21,862                | 18.0                    | 80.4                        |
| Utah . . . . .                      | 37,200                 | 35,317           | 33,062           | 245            | 208            | 2,282                 | 20.5                    | 88.5                        |
| Nevada . . . . .                    | 22,374                 | 18,962           | 14,901           | 2,163          | 2,127          | 4,116                 | 16.7                    | 73.6                        |
| <b>Pacific . . . . .</b>            | <b>754,805</b>         | <b>615,308</b>   | <b>337,727</b>   | <b>51,836</b>  | <b>50,631</b>  | <b>276,882</b>        | <b>18.5</b>             | <b>(NA)</b>                 |
| Washington . . . . .                | 79,450                 | 70,081           | 61,224           | 3,145          | 2,993          | 7,182                 | 15.4                    | 66.1                        |
| Oregon . . . . .                    | 42,035                 | 39,068           | 35,577           | 955            | 943            | 3,561                 | 14.1                    | 62.7                        |
| California . . . . .                | 601,730                | 492,487          | 228,252          | 46,509         | 45,510         | 263,525               | 19.5                    | 83.1                        |
| Alaska . . . . .                    | 11,726                 | 7,934            | 7,590            | 542            | 531            | 373                   | 20.0                    | 82.0                        |
| Hawaii . . . . .                    | 19,864                 | 5,738            | 5,084            | 685            | 654            | 2,241                 | 17.2                    | 75.2                        |

NA Not available. <sup>1</sup> Includes other races not shown separately. <sup>2</sup> Persons of Hispanic origin may be of any race. Births by Hispanic origin of mother. <sup>3</sup> Per 1,000 estimated population. <sup>4</sup> Per 1,000 women aged 15-44 years estimated.

Source: U.S. National Center for Health Statistics, *Vital Statistics of the United States*, annual, and *Monthly Vital Statistics Report*.

### No. 91. Total Fertility Rate and Intrinsic Rate of Natural Increase: 1960 to 1992

[Based on race of child and registered births only, thru 1979. Beginning 1980, based on race of mother. Beginning 1970, excludes births to nonresidents of United States. The *total fertility rate* is the number of births that 1,000 women would have in their lifetime if, at each year of age, they experienced the birth rates occurring in the specified year. A total fertility rate of 2,110 represents "replacement level" fertility for the total population under current mortality conditions (assuming no net immigration). The *intrinsic rate of natural increase* is the rate that would eventually prevail if a population were to experience, at each year of age, the birth rates and death rates occurring in the specified year and if those rates remained unchanged over a long period of time. Minus sign (-) indicates decrease. See also Appendix III and *Historical Statistics, Colonial Times to 1970*, series B 11]

| ANNUAL AVERAGE AND YEAR | TOTAL FERTILITY RATE |       |                 | INTRINSIC RATE OF NATURAL INCREASE |       |                 | ANNUAL AVERAGE AND YEAR | TOTAL FERTILITY RATE |       |                 | INTRINSIC RATE OF NATURAL INCREASE |       |                 |
|-------------------------|----------------------|-------|-----------------|------------------------------------|-------|-----------------|-------------------------|----------------------|-------|-----------------|------------------------------------|-------|-----------------|
|                         | Total                | White | Black and other | Total                              | White | Black and other |                         | Total                | White | Black and other | Total                              | White | Black and other |
| 1960-64 . . .           | 3,449                | 3,326 | 4,326           | 18.6                               | 17.1  | 27.7            | 1978 . . . . .          | 1,760                | 1,668 | 2,265           | -6.8                               | -8.8  | 2.9             |
| 1965-69 . . .           | 2,622                | 2,512 | 3,362           | 8.2                                | 6.4   | 18.6            | 1979 . . . . .          | 1,808                | 1,716 | 2,310           | -5.7                               | -7.7  | 3.8             |
| 1970-74 . . .           | 2,094                | 1,997 | 2,680           | -0.7                               | -2.5  | 9.1             | 1980 . . . . .          | 1,840                | 1,773 | 2,177           | -5.1                               | -7.0  | 4.0             |
| 1975-79 . . .           | 1,774                | 1,685 | 2,270           | -6.6                               | -8.5  | 3.0             | 1981 . . . . .          | 1,812                | 1,748 | 2,118           | -5.6                               | -7.4  | 3.0             |
| 1980-84 . . .           | 1,819                | 1,731 | 2,262           | -5.4                               | -7.3  | 3.0             | 1982 . . . . .          | 1,828                | 1,767 | 2,107           | -5.2                               | -7.0  | 3.0             |
| 1985-88 . . .           | 1,870                | 1,769 | 2,339           | -4.2                               | -6.3  | 4.3             | 1983 . . . . .          | 1,799                | 1,741 | 2,066           | -5.8                               | -7.5  | 2.2             |
| 1970 . . . . .          | 2,480                | 2,385 | 3,067           | 6.0                                | 4.5   | 14.4            | 1984 . . . . .          | 1,807                | 1,749 | 2,071           | -5.6                               | -7.3  | 2.1             |
| 1971 . . . . .          | 2,267                | 2,161 | 2,920           | 2.6                                | 0.8   | 12.6            | 1985 . . . . .          | 1,844                | 1,787 | 2,109           | -4.8                               | -6.5  | 2.7             |
| 1972 . . . . .          | 2,010                | 1,907 | 2,628           | -2.0                               | -3.9  | 8.6             | 1986 . . . . .          | 1,838                | 1,776 | 2,136           | -4.9                               | -6.7  | 2.8             |
| 1973 . . . . .          | 1,879                | 1,783 | 2,443           | -4.5                               | -6.5  | 5.7             | 1987 . . . . .          | 1,872                | 1,805 | 2,198           | -4.1                               | -6.1  | 4.0             |
| 1974 . . . . .          | 1,835                | 1,749 | 2,339           | -5.4                               | -7.2  | 4.0             | 1988 . . . . .          | 1,934                | 1,857 | 2,298           | -2.9                               | -5.1  | 5.7             |
| 1975 . . . . .          | 1,774                | 1,686 | 2,276           | -6.7                               | -8.6  | 3.0             | 1989 . . . . .          | 2,014                | 1,931 | 2,433           | -1.4                               | -3.6  | 7.4             |
| 1976 . . . . .          | 1,738                | 1,652 | 2,223           | -7.4                               | -9.3  | 2.1             | 1990 . . . . .          | 2,081                | 2,003 | 2,480           | -0.1                               | -2.3  | 8.3             |
| 1977 . . . . .          | 1,790                | 1,703 | 2,279           | -6.2                               | -8.1  | 3.2             | 1991 . . . . .          | 2,073                | 1,996 | 2,440           | -0.2                               | -2.4  | 8.2             |
|                         |                      |       |                 |                                    |       |                 | 1992 . . . . .          | 2,065                | 1,994 | 2,442           | -0.4                               | -2.5  | 7.5             |

Source: U.S. National Center for Health Statistics, *Vital Statistics of the United States*, annual; and unpublished data.

### No. 92. Projected Fertility Rates, by Race and Age Group: 1994 and 2010

[For definition of total fertility rate, see headnote, table 91. Birth rates represent live births per 1,000 women in age group indicated. Projections are based on middle fertility assumptions. For explanations of methodology, see text, section 1]

| AGE GROUP                         | ALL RACES <sup>1</sup> |              | WHITE        |              | BLACK        |              | AMERICAN INDIAN, ESKIMO, ALEUT |              | ASIAN AND PACIFIC ISLANDERS |              | HISPANIC <sup>2</sup> |              |
|-----------------------------------|------------------------|--------------|--------------|--------------|--------------|--------------|--------------------------------|--------------|-----------------------------|--------------|-----------------------|--------------|
|                                   | 1994                   | 2010         | 1994         | 2010         | 1994         | 2010         | 1994                           | 2010         | 1994                        | 2010         | 1994                  | 2010         |
| <b>Total fertility rate . . .</b> | <b>2,079</b>           | <b>2,119</b> | <b>1,976</b> | <b>2,009</b> | <b>2,470</b> | <b>2,469</b> | <b>2,779</b>                   | <b>2,759</b> | <b>2,513</b>                | <b>2,406</b> | <b>2,900</b>          | <b>2,777</b> |
| Birth rates:                      |                        |              |              |              |              |              |                                |              |                             |              |                       |              |
| 10 to 14 years old . . . . .      | 1.4                    | 1.6          | 0.7          | 0.9          | 4.9          | 5.0          | 2.0                            | 2.1          | 0.8                         | 0.8          | 2.3                   | 2.3          |
| 15 to 19 years old . . . . .      | 60.0                   | 62.4         | 50.0         | 52.9         | 113.3        | 113.8        | 102.9                          | 105.2        | 33.4                        | 31.6         | 99.5                  | 95.8         |
| 20 to 24 years old . . . . .      | 118.0                  | 120.0        | 110.0        | 112.4        | 160.9        | 161.1        | 188.6                          | 187.0        | 100.1                       | 95.6         | 180.5                 | 172.6        |
| 25 to 29 years old . . . . .      | 118.8                  | 120.2        | 118.0        | 118.8        | 112.8        | 113.5        | 141.4                          | 141.6        | 160.7                       | 153.4        | 149.7                 | 143.7        |
| 30 to 34 years old . . . . .      | 80.1                   | 82.0         | 80.2         | 80.9         | 67.8         | 68.4         | 78.1                           | 78.4         | 134.2                       | 128.4        | 95.7                  | 91.5         |
| 35 to 39 years old . . . . .      | 31.6                   | 31.8         | 31.0         | 30.6         | 28.0         | 27.5         | 34.0                           | 33.5         | 61.2                        | 57.9         | 43.0                  | 40.5         |
| 40 to 44 years old . . . . .      | 5.4                    | 5.5          | 5.2          | 5.1          | 5.3          | 5.1          | 7.2                            | 7.0          | 12.7                        | 12.0         | 9.2                   | 8.5          |
| 45 to 49 years old . . . . .      | 0.3                    | 0.3          | 0.2          | 0.2          | 0.3          | 0.3          | 0.4                            | 0.4          | 1.3                         | 1.2          | 0.6                   | 0.5          |

<sup>1</sup> Includes races not shown separately. <sup>2</sup> Persons of Hispanic origin may be of any race.

Source: U.S. Bureau of the Census, *Current Population Reports*, P25-1104.

### No. 93. Birth Rates, by Live-Birth Order and Race: 1970 to 1992

[Births per 1,000 women 15 to 44 years old in specified racial group. Live-birth order refers to number of children born alive. Figures for births of order not stated are distributed. See also headnote, table 89, and *Historical Statistics, Colonial Times to 1970*, series B 20-27]

| LIVE-BIRTH ORDER            | ALL RACES <sup>1</sup> |             |             |             |             | WHITE       |             |             |             |             | BLACK        |             |             |             |             |
|-----------------------------|------------------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|--------------|-------------|-------------|-------------|-------------|
|                             | 1970                   | 1980        | 1990        | 1991        | 1992        | 1970        | 1980        | 1990        | 1991        | 1992        | 1970         | 1980        | 1990        | 1991        | 1992        |
| <b>Total . . . . .</b>      | <b>87.9</b>            | <b>68.4</b> | <b>70.9</b> | <b>69.6</b> | <b>68.9</b> | <b>84.1</b> | <b>65.6</b> | <b>68.3</b> | <b>67.0</b> | <b>66.5</b> | <b>115.4</b> | <b>84.9</b> | <b>86.8</b> | <b>85.2</b> | <b>83.2</b> |
| First birth . . . . .       | 34.2                   | 29.5        | 29.0        | 28.3        | 27.8        | 32.9        | 28.8        | 28.4        | 27.8        | 27.3        | 43.3         | 33.7        | 32.4        | 31.5        | 30.6        |
| Second birth . . . . .      | 24.2                   | 21.8        | 22.8        | 22.4        | 22.3        | 23.7        | 21.3        | 22.4        | 22.0        | 22.0        | 27.1         | 24.7        | 25.6        | 25.0        | 24.3        |
| Third birth . . . . .       | 13.6                   | 10.3        | 11.7        | 11.4        | 11.3        | 13.3        | 9.6         | 11.1        | 10.8        | 10.8        | 16.1         | 14.0        | 15.6        | 15.4        | 15.0        |
| Fourth birth . . . . .      | 7.2                    | 3.9         | 4.5         | 4.5         | 4.4         | 6.8         | 3.4         | 4.0         | 4.0         | 4.0         | 10.0         | 6.5         | 7.4         | 7.4         | 7.2         |
| Fifth birth . . . . .       | 3.8                    | 1.5         | 1.7         | 1.7         | 1.7         | 3.4         | 1.3         | 1.4         | 1.4         | 1.4         | 6.4          | 2.9         | 3.2         | 3.3         | 3.3         |
| Sixth and seventh . . . . . | 3.2                    | 1.0         | 1.0         | 1.0         | 1.0         | 2.7         | 0.8         | 0.8         | 0.8         | 0.8         | 7.0          | 2.1         | 2.0         | 2.1         | 2.2         |
| Eighth and over . . . . .   | 1.8                    | 0.4         | 0.3         | 0.3         | 0.3         | 1.2         | 0.3         | 0.2         | 0.2         | 0.2         | 5.6          | 0.9         | 0.5         | 0.6         | 0.6         |

<sup>1</sup> Includes other races not shown separately.

Source: U.S. National Center for Health Statistics, *Vital Statistics of the United States*, annual; and *Monthly Vital Statistics Reports*.



**No. 94. Births to Unmarried Women, by Race of Child and Age of Mother: 1970 to 1992**

[Excludes births to nonresidents of United States. Data for 1970 include estimates for States in which marital status data were not reported. Beginning in 1980, marital status is inferred from a comparison of the child's and parents' surnames on the birth certificate for those States that do not report on marital status. No estimates included for misstatements on birth records or failures to register births. See also Appendix III and *Historical Statistics, Colonial Times to 1970*, series B 28-35]

| RACE OF CHILD AND AGE OF MOTHER       | 1970         | 1980         | 1985         | 1990         | 1992         | RACE OF CHILD AND AGE OF MOTHER           | 1970        | 1980        | 1985        | 1990        | 1992        |
|---------------------------------------|--------------|--------------|--------------|--------------|--------------|---|-------------|-------------|-------------|-------------|-------------|
| NUMBER (1,000)                        |              |              |              |              |              | 20 to 24 years . . . . .                  | 31.8        | 35.6        | 36.3        | 34.7        | 35.6        |
| <b>Total live births</b> <sup>1</sup> | <b>399</b>   | <b>666</b>   | <b>828</b>   | <b>1,165</b> | <b>1225</b>  | 25 to 29 years . . . . .                  | 10.2        | 15.0        | 18.4        | 19.7        | 19.1        |
| White . . . . .                       | 175          | 320          | 433          | 647          | 722          | 30 to 34 years . . . . .                  | 4.8         | 6.2         | 8.1         | 10.1        | 10.4        |
| Black . . . . .                       | 215          | 326          | 366          | 473          | 459          | 35 years and over . . . . .               | 3.1         | 2.4         | 3.4         | 4.5         | 5.1         |
| Under 15 years old . . . . .          | 10           | 9            | 9            | 11           | 11           | AS PERCENT OF ALL BIRTHS IN RACIAL GROUPS |             |             |             |             |             |
| 15 to 19 years old . . . . .          | 190          | 263          | 271          | 350          | 354          | <b>Total</b> <sup>1</sup>                 | <b>10.7</b> | <b>18.4</b> | <b>22.0</b> | <b>28.0</b> | <b>30.1</b> |
| 20 to 24 years old . . . . .          | 127          | 237          | 300          | 404          | 436          | White . . . . .                           | 5.7         | 11.0        | 14.5        | 20.1        | 22.6        |
| 25 to 29 years old . . . . .          | 41           | 100          | 152          | 230          | 233          | Black . . . . .                           | 37.6        | 55.2        | 60.1        | 65.2        | 68.1        |
| 30 to 34 years old . . . . .          | 19           | 41           | 67           | 118          | 128          | BIRTH RATE <sup>2</sup>                   |             |             |             |             |             |
| 35 years old and over . . . . .       | 12           | 16           | 28           | 53           | 63           | <b>Total</b> <sup>1 3</sup>               | <b>26.4</b> | <b>29.4</b> | <b>32.8</b> | <b>43.8</b> | <b>45.2</b> |
| PERCENT DISTRIBUTION                  |              |              |              |              |              | White <sup>3</sup> . . . . .              | 13.9        | 17.6        | 21.8        | 31.8        | 35.2        |
| <b>Total</b> <sup>1</sup>             | <b>100.0</b> | <b>100.0</b> | <b>100.0</b> | <b>100.0</b> | <b>100.0</b> | Black <sup>3</sup> . . . . .              | 95.5        | 82.9        | 79.0        | 93.9        | 86.5        |
| White . . . . .                       | 43.9         | 48.1         | 52.3         | 55.6         | 58.9         | 15 to 19 years . . . . .                  | 22.4        | 27.6        | 31.4        | 42.5        | 44.6        |
| Black . . . . .                       | 54.0         | 48.9         | 44.1         | 40.6         | 37.5         | 20 to 24 years . . . . .                  | 38.4        | 40.9        | 46.5        | 65.1        | 68.5        |
| Under 15 years . . . . .              | 2.4          | 1.4          | 1.1          | 0.9          | 0.9          | 25 to 29 years . . . . .                  | 37.0        | 34.0        | 39.9        | 56.0        | 56.5        |
| 15 to 19 years . . . . .              | 47.8         | 39.5         | 32.7         | 30.0         | 28.9         | 30 to 34 years . . . . .                  | 27.1        | 21.1        | 25.2        | 37.6        | 37.9        |

<sup>1</sup> Includes other races not shown separately. <sup>2</sup> Rate per 1,000 unmarried women (never-married, widowed, and divorced) estimated as of July 1. <sup>3</sup> Covers women aged 15 to 44 years.

Source: U.S. National Center for Health Statistics, *Vital Statistics of the United States*, annual; *Monthly Vital Statistics Report*; and unpublished data.

**No. 95. Low Birth Weight and Births to Teenage Mothers and to Unmarried Women—States: 1980 and 1992**

[Represents registered births. Excludes births to nonresidents of the United States. Based on 100 percent of births in all States and the District of Columbia. See Appendix III]

| DIVISION AND STATE      | PERCENT OF BIRTHS WITH LOW BIRTH WEIGHT <sup>1</sup> |            | BIRTHS TO TEENAGE MOTHERS, PERCENT OF TOTAL |             | BIRTHS TO UNMARRIED WOMEN, PERCENT OF TOTAL |             | DIVISION AND STATE        | PERCENT OF BIRTHS WITH LOW BIRTH WEIGHT <sup>1</sup> |            | BIRTHS TO TEENAGE MOTHERS, PERCENT OF TOTAL |             | BIRTHS TO UNMARRIED WOMEN, PERCENT OF TOTAL |             |
|-------------------------|--|------------|---|-------------|---|-------------|---------------------------|--|------------|---|-------------|---|-------------|
|                         | 1980   | 1992       | 1980  | 1992        | 1980  | 1992        |                           | 1980   | 1992       | 1980  | 1992        | 1980  | 1992        |
| <b>U.S.</b> . . . . .   | <b>6.8</b>   | <b>7.1</b> | <b>15.6</b>                                 | <b>12.7</b> | <b>18.4</b>                                 | <b>30.1</b> | VA . . . . .              | 7.5  | 7.4        | 15.5  | 11.0        | 19.2  | 28.3        |
| <b>N.E.</b> . . . . .   | <b>6.2</b>   | <b>6.0</b> | <b>11.6</b>                                 | <b>8.1</b>  | <b>15.5</b>                                 | <b>26.2</b> | WV . . . . .              | 6.7  | 7.2        | 20.1  | 17.2        | 13.1  | 27.7        |
| ME . . . . .            | 6.5  | 5.0        | 15.3  | 10.2        | 13.9  | 25.3        | NC . . . . .              | 7.9  | 8.4        | 19.2  | 15.4        | 19.0  | 31.3        |
| NH . . . . .            | 5.4  | 5.3        | 10.7  | 6.7         | 11.0  | 19.2        | SC . . . . .              | 8.6  | 9.0        | 19.8  | 16.6        | 23.0  | 35.5        |
| VT . . . . .            | 5.9  | 5.6        | 13.0  | 8.5         | 13.7  | 23.4        | GA . . . . .              | 8.6  | 8.5        | 20.7  | 16.2        | 23.2  | 35.0        |
| MA . . . . .            | 6.1  | 6.0        | 10.7  | 7.7         | 15.7  | 25.9        | FL . . . . .              | 7.6  | 7.4        | 18.2  | 13.5        | 23.0  | 34.2        |
| RI . . . . .            | 6.3  | 6.3        | 12.3  | 9.8         | 15.7  | 29.6        | <b>E.S.C.</b> . . . . .   | <b>7.8</b>   | <b>8.4</b> | <b>21.0</b>                                 | <b>18.0</b> | <b>20.9</b>                                 | <b>33.1</b> |
| CT . . . . .            | 6.7  | 6.9        | 11.4  | 8.0         | 17.9  | 28.7        | KY . . . . .              | 6.8  | 6.8        | 21.1  | 16.5        | 15.1  | 26.3        |
| <b>M.A.</b> . . . . .   | <b>7.1</b>   | <b>7.4</b> | <b>12.6</b>                                 | <b>9.2</b>  | <b>21.3</b>                                 | <b>32.1</b> | TN . . . . .              | 8.0  | 8.5        | 19.9  | 16.9        | 19.9  | 32.7        |
| NY . . . . .            | 7.4  | 7.6        | 11.8  | 9.0         | 23.8  | 34.8        | AL . . . . .              | 7.9  | 8.5        | 20.6  | 18.2        | 22.2  | 32.6        |
| NJ . . . . .            | 7.2  | 7.2        | 12.3  | 8.0         | 21.1  | 26.4        | MS . . . . .              | 8.7  | 9.9        | 23.2  | 21.4        | 28.0  | 42.9        |
| PA . . . . .            | 6.5  | 7.2        | 13.9  | 10.5        | 17.7  | 31.6        | <b>W.S.C.</b> . . . . .   | <b>7.3</b>   | <b>7.4</b> | <b>19.1</b>                                 | <b>16.6</b> | <b>15.8</b>                                 | <b>22.9</b> |
| <b>E.N.C.</b> . . . . . | <b>6.7</b>   | <b>7.2</b> | <b>15.2</b>                                 | <b>12.9</b> | <b>18.0</b>                                 | <b>30.2</b> | AR . . . . .              | 7.6  | 8.2        | 21.6  | 19.4        | 20.5  | 31.0        |
| OH . . . . .            | 6.8  | 7.4        | 15.7  | 13.6        | 21.7  | 31.6        | LA . . . . .              | 8.6  | 9.4        | 20.1  | 18.1        | 23.4  | 40.2        |
| IN . . . . .            | 6.3  | 6.7        | 17.3  | 14.1        | 15.5  | 29.5        | OK . . . . .              | 6.8  | 6.7        | 19.6  | 16.8        | 14.0  | 28.4        |
| IL . . . . .            | 7.2  | 7.7        | 15.7  | 12.9        | 22.5  | 33.4        | TX . . . . .              | 6.9  | 7.0        | 18.3  | 15.9        | 21.3  | 37.5        |
| MI . . . . .            | 6.9  | 7.5        | 14.0  | 13.0        | 21.6  | 26.8        | <b>Mountain</b> . . . . . | <b>6.6</b>   | <b>6.9</b> | <b>14.3</b>                                 | <b>13.3</b> | <b>12.7</b>                                 | <b>28.3</b> |
| WI . . . . .            | 5.4  | 5.9        | 12.3  | 10.2        | 13.9  | 26.1        | MT . . . . .              | 5.6  | 6.0        | 12.4  | 11.9        | 21.5  | 26.4        |
| <b>W.N.C.</b> . . . . . | <b>5.7</b>   | <b>6.1</b> | <b>13.5</b>                                 | <b>11.2</b> | <b>13.1</b>                                 | <b>25.8</b> | ID . . . . .              | 5.3  | 5.5        | 13.1  | 13.0        | 7.9   | 18.3        |
| MN . . . . .            | 5.1  | 5.2        | 10.4  | 8.1         | 11.4  | 23.0        | WY . . . . .              | 7.3  | 7.3        | 15.5  | 13.2        | 8.2   | 24.0        |
| IA . . . . .            | 5.0  | 5.7        | 12.5  | 10.2        | 10.3  | 23.5        | CO . . . . .              | 8.2  | 8.5        | 13.3  | 12.0        | 13.0  | 23.8        |
| MO . . . . .            | 6.6  | 7.3        | 16.9  | 14.5        | 17.6  | 31.5        | NM . . . . .              | 7.6  | 7.2        | 18.2  | 17.0        | 16.1  | 39.5        |
| ND . . . . .            | 4.9  | 5.1        | 10.9  | 9.3         | 9.2   | 22.6        | AZ . . . . .              | 6.2  | 6.4        | 16.5  | 15.0        | 18.7  | 36.2        |
| SD . . . . .            | 5.1  | 5.2        | 13.5  | 11.4        | 13.4  | 26.6        | UT . . . . .              | 5.2  | 5.6        | 11.0  | 10.5        | 6.2   | 15.1        |
| NE . . . . .            | 5.6  | 5.6        | 12.1  | 9.9         | 11.6  | 22.6        | NV . . . . .              | 6.6  | 7.1        | 15.4  | 12.4        | 21.5  | 33.3        |
| KS . . . . .            | 5.8  | 6.4        | 15.0  | 12.4        | 12.3  | 24.3        | <b>Pacific</b> . . . . .  | <b>5.8</b>   | <b>5.8</b> | <b>13.6</b>                                 | <b>11.6</b> | <b>19.6</b>                                 | <b>32.6</b> |
| <b>S.A.</b> . . . . .   | <b>8.0</b>   | <b>8.1</b> | <b>18.3</b>                                 | <b>13.9</b> | <b>22.2</b>                                 | <b>33.0</b> | WA . . . . .              | 5.1  | 5.3        | 12.5  | 10.6        | 13.6  | 25.3        |
| DE . . . . .            | 7.7  | 7.6        | 16.7  | 12.4        | 24.2  | 32.6        | OR . . . . .              | 4.9  | 5.2        | 13.3  | 12.4        | 14.8  | 27.0        |
| MD . . . . .            | 8.2  | 8.3        | 14.8  | 9.8         | 25.2  | 30.5        | CA . . . . .              | 5.9  | 5.9        | 13.9  | 11.8        | 22.1  | 34.3        |
| DC . . . . .            | 12.8   | 14.3       | 20.7  | 16.3        | 56.5  | 66.9        | AK . . . . .              | 5.4  | 4.9        | 11.8  | 10.9        | 15.1  | 27.4        |
|                         |  |            |   |             |   |             | HI . . . . .              | 7.1  | 7.2        | 11.5  | 10.0        | 17.6  | 26.2        |

NA Not available. <sup>1</sup> Less than 2,500 grams (5 pounds-8 ounces). <sup>2</sup> Marital status of mother is inferred.

Source: U.S. National Center for Health Statistics, *Vital Statistics of the United States*, annual; and *Monthly Vital Statistics Report*.



### No. 96. Live Births, by Place of Delivery, Median and Low Birth Weight, and Prenatal Care: 1970 to 1992

[Represents registered births. Excludes births to nonresidents of the United States. For total number of births, see table 89. See Appendix III]

| YEAR | BIRTHS ATTENDED (1,000)  |                 |                                 | MEDIAN BIRTH WEIGHT <sup>3</sup> |             |              | PERCENT OF BIRTHS WITH LOW BIRTH WEIGHT <sup>5</sup> |       |       | PERCENT OF BIRTHS BY PERIOD IN WHICH PRENATAL CARE BEGAN |                                  |
|------|--------------------------|-----------------|---------------------------------|----------------------------------|-------------|--------------|--|-------|-------|--|----------------------------------|
|      | In hospital <sup>1</sup> | Not in hospital |                                 | Total <sup>4</sup>               | White       | Black        | Total <sup>3</sup>                                   | White | Black | 1st trimester  | 3d trimester or no prenatal care |
|      |                          | Physician       | Mid-wife and other <sup>2</sup> |                                  |             |              |  |       |       |  |                                  |
| 1970 | 3,708                    | 5               | 18                              | 7 lb.-4 oz.                      | 7 lb.-5 oz. | 6 lb.-14 oz. | 7.9  | 6.8   | 13.9  | 68.0   | 7.9                              |
| 1975 | 3,105                    | 11              | 28                              | 7 lb.-5 oz.                      | 7 lb.-7 oz. | 6 lb.-15 oz. | 7.4  | 6.3   | 13.1  | 72.4   | 6.0                              |
| 1980 | 3,576                    | 12              | 24                              | 7 lb.-7 oz.                      | 7 lb.-8 oz. | 7 lb.-0 oz.  | 6.8  | 5.7   | 12.5  | 76.3   | 5.1                              |
| 1985 | 3,722                    | 10              | 29                              | 7 lb.-7 oz.                      | 7 lb.-9 oz. | 7 lb.-0 oz.  | 6.8  | 5.6   | 12.4  | 76.2   | 5.7                              |
| 1986 | 3,720                    | 9               | 27                              | 7 lb.-7 oz.                      | 7 lb.-9 oz. | 7 lb.-0 oz.  | 6.8  | 5.6   | 12.5  | 75.9   | 6.0                              |
| 1987 | 3,774                    | 8               | 27                              | 7 lb.-7 oz.                      | 7 lb.-9 oz. | 7 lb.-0 oz.  | 6.9  | 5.7   | 12.7  | 76.0   | 6.1                              |
| 1988 | 3,872                    | 9               | 28                              | 7 lb.-7 oz.                      | 7 lb.-9 oz. | 7 lb.-0 oz.  | 6.9  | 5.6   | 13.0  | 75.9   | 6.1                              |
| 1989 | 3,991                    | 13              | 22                              | 7 lb.-7 oz.                      | 7 lb.-8 oz. | 6 lb.-15 oz. | 7.0  | 5.7   | 13.2  | 73.9   | 6.3                              |
| 1990 | 4,110                    | 14              | 21                              | 7 lb.-7 oz.                      | 7 lb.-8 oz. | 7 lb.-0 oz.  | 7.0  | 5.7   | 13.3  | 74.2   | 6.0                              |
| 1991 | 4,064                    | 12              | 22                              | 7 lb.-7 oz.                      | 7 lb.-8 oz. | 6 lb.-15 oz. | 7.1  | 5.8   | 13.6  | 76.2   | 5.8                              |
| 1992 | 4,022                    | 10              | 21                              | 7 lb.-3 oz.                      | 7 lb.-4 oz. | 6 lb.-9 oz.  | 7.1  | 5.8   | 13.3  | 77.7   | 5.2                              |

<sup>1</sup> Includes all births in hospitals or institutions and in clinics. <sup>2</sup> Includes births with attendant not specified. <sup>3</sup> Beginning 1989, median birth weight based on race of mother; prior to 1989, based on race of child. <sup>4</sup> Includes other races not shown separately. <sup>5</sup> Through 1975, births of 2,500 grams (5 lb.-8 oz.) or less at birth; thereafter, less than 2,500 grams.

Source: U.S. National Center for Health Statistics, *Vital Statistics of the United States*, annual; *Monthly Vital Statistics Report*; and unpublished data.

### No. 97. Cesarean Section Deliveries, by Age of Mother: 1990 to 1993

| AGE OF MOTHER   | 1990       | 1991       | 1992       | 1993       |
|---|------------|------------|------------|------------|
| <b>Number of cesarean deliveries, total (1,000)</b> . . . . . | <b>945</b> | <b>905</b> | <b>921</b> | <b>917</b> |
| Rate: Mothers, all ages <sup>1</sup> . . . . .                | 23.5       | 22.6       | 22.3       | 22.8       |
| Under 20 years old . . . . .                                  | 16.6       | 16.4       | 17.5       | 15.6       |
| 20 to 24 years old . . . . .                                  | 21.0       | 19.9       | 21.4       | 19.9       |
| 25 to 29 years old . . . . .                                  | 23.3       | 23.3       | 23.2       | 23.0       |
| 30 to 34 years old . . . . .                                  | 27.8       | 25.7       | 27.1       | 26.3       |
| 35 years and over . . . . .                                   | 31.4       | 29.4       | 30.1       | 30.3       |

<sup>1</sup> Cesarean rates are the number of cesarean deliveries per 100 total deliveries for specified category.

Source: U.S. National Center for Health Statistics, *Vital Statistics of the United States*, annual.

### No. 98. Live Births and Deaths—20 Largest Metropolitan Areas: 1988

[Excludes births to and deaths of nonresidents of the United States. Data are by place of residence. Metropolitan statistical areas (MSA's), consolidated metropolitan statistical areas (CMSA's), and New England County Metropolitan Areas (NECMA's) are defined by the U.S. Office of Management and Budget as of December 31, 1992; see Appendix II for definitions and components]

| METROPOLITAN AREA   | NUMBER (1,000) |         |                     | RATE PER 1,000 POPULATION |        |                     |
|---|----------------|---------|---------------------|---------------------------|--------|---------------------|
|   | Births         | Deaths  |                     | Births                    | Deaths |                     |
|   |                | Total   | Infant <sup>1</sup> |                           | Total  | Infant <sup>1</sup> |
| New York-Northern New Jersey-Long Island, NY-NJ-CT-PA CMSA/NECMA <sup>2</sup> | 307,126        | 189,362 | 3,354               | 15.8                      | 9.7    | 10.9                |
| Los Angeles-Riverside-Orange County, CA CMSA                                  | 276,991        | 101,850 | 2,458               | 19.9                      | 7.3    | 8.9                 |
| Chicago-Gary-Kenosha, IL-IN-WI CMSA   | 141,570        | 71,500  | 1,678               | 17.3                      | 8.7    | 11.9                |
| Washington-Baltimore, DC-MD-VA-WV CMSA  | 107,954        | 50,890  | 1,243               | 16.4                      | 7.7    | 11.5                |
| San Francisco-Oakland-San Jose, CA CMSA                                       | 99,474         | 47,356  | 774                 | 16.3                      | 7.8    | 7.8                 |
| Philadelphia-Wilmington-Atlantic City, PA-NJ-DE-MD CMSA                       | 94,245         | 58,748  | 1,100               | 16.1                      | 10.0   | 11.7                |
| Boston-Brockton-Nashua, MA-NH NECMA   | 85,666         | 50,656  | 659                 | 15.2                      | 9.0    | 7.7                 |
| Detroit-Ann Arbor-Flint, MI CMSA  | 78,425         | 45,227  | 967                 | 15.2                      | 8.8    | 12.3                |
| Dallas-Fort Worth, TX CMSA  | 74,017         | 25,596  | 654                 | 18.9                      | 6.5    | 8.8                 |
| Houston-Galveston-Brazoria, TX CMSA   | 67,130         | 22,579  | 644                 | 18.7                      | 6.3    | 9.6                 |
| Miami-Fort Lauderdale, FL CMSA  | 48,638         | 32,785  | 542                 | 15.8                      | 10.7   | 11.1                |
| Seattle-Tacoma-Bremerton, WA CMSA   | 44,475         | 20,447  | 395                 | 15.8                      | 7.3    | 8.9                 |
| Atlanta, GA MSA   | 49,123         | 19,235  | 554                 | 17.3                      | 6.8    | 11.3                |
| Cleveland-Akron, OH CMSA  | 42,012         | 27,524  | 463                 | 14.7                      | 9.6    | 11.0                |
| Minneapolis-St. Paul, MN-WI MSA   | 41,436         | 16,896  | 322                 | 16.8                      | 6.8    | 7.8                 |
| San Diego, CA MSA   | 44,096         | 16,658  | 315                 | 18.7                      | 7.0    | 7.1                 |
| St. Louis, MO-IL MSA  | 40,097         | 23,302  | 390                 | 16.1                      | 9.4    | 9.7                 |
| Pittsburgh, PA MSA  | 30,134         | 27,206  | 260                 | 12.5                      | 11.3   | 8.6                 |
| Phoenix-Mesa, AZ MSA  | 40,216         | 16,315  | 398                 | 18.6                      | 7.5    | 9.9                 |
| Tampa-St. Petersburg-Clearwater, FL MSA                                       | 27,201         | 24,903  | 290                 | 13.6                      | 12.4   | 10.7                |

<sup>1</sup> Infants under 1 year, excluding fetal deaths; rates per 1,000 registered live births. <sup>2</sup> Includes parts of New Haven County, CT, not in the CMSA; excludes parts of Litchfield and Middlesex Counties, CT, in the CMSA.

Source: U.S. National Center for Health Statistics, *Vital Statistics of the United States*, annual; and unpublished data.

**No. 99. Women Who Have Had a Child in the Last Year, by Age: 1980 to 1992**

[See headnote, table 100]

| AGE OF MOTHER                | WOMEN WHO HAD A CHILD IN LAST YEAR (1,000) |              |              | TOTAL BIRTHS PER 1,000 WOMEN |             |             | FIRST BIRTHS PER 1,000 WOMEN |             |             |
|------------------------------|--|--------------|--------------|------------------------------|-------------|-------------|------------------------------|-------------|-------------|
|                              | 1980                                       | 1990         | 1992         | 1980                         | 1990        | 1992        | 1980                         | 1990        | 1992        |
| <b>Total . . . . .</b>       | <b>3,247</b>                               | <b>3,913</b> | <b>3,688</b> | <b>71.1</b>                  | <b>67.0</b> | <b>62.9</b> | <b>28.5</b>                  | <b>26.4</b> | <b>24.8</b> |
| 15 to 29 years old . . . . . | 2,476                                      | 2,568        | 2,346        | 103.7                        | 90.8        | 85.9        | 48.6                         | 43.2        | 40.9        |
| 15 to 19 years old . . . . . | (NA)                                       | 338          | 311          | (NA)                         | 39.8        | 38.0        | (NA)                         | 30.1        | 27.9        |
| 20 to 24 years old . . . . . | 1,396                                      | 1,038        | 940          | 96.6                         | 113.4       | 103.4       | (NA)                         | 51.8        | 49.4        |
| 25 to 29 years old . . . . . | 1,081                                      | 1,192        | 1,094        | 114.8                        | 112.1       | 109.0       | (NA)                         | 46.2        | 43.7        |
| 30 to 44 years old . . . . . | 770  | 1,346        | 1,342        | 35.4                         | 44.7        | 42.9        | 6.3                          | 10.6        | 10.7        |
| 30 to 34 years old . . . . . | 519  | 892          | 856          | 60.0                         | 80.4        | 76.1        | (NA)                         | 21.9        | 21.8        |
| 35 to 39 years old . . . . . | 192  | 377          | 404          | 26.9                         | 37.3        | 38.0        | (NA)                         | 6.5         | 6.4         |
| 40 to 44 years old . . . . . | 59   | 77           | 82           | 9.9                          | 8.6         | 8.7         | (NA)                         | 1.2         | 2.3         |

NA Not available. <sup>1</sup> For 1980-88, 18 to 29 years old. <sup>2</sup> For 1980-88, 18 to 24 years old.

Source: U.S. Bureau of the Census, *Current Population Reports*, P20-375, P20-454, and P20-470.

**No. 100. Characteristics of Women Who Have Had a Child in the Last Year: 1992**

[As of June. Covers civilian noninstitutional population. Since the number of women who had a birth during the 12-month period was tabulated and not the actual numbers of births, some small underestimation of fertility for this period may exist due to the omission of: (1) Multiple births, (2) Two or more live births spaced within the 12-month period (the woman is counted only once), (3) Women who had births in the period and who did not survive to the survey date, (4) Women who were in institutions and therefore not in the survey universe. These losses may be somewhat offset by the inclusion in the CPS of births to immigrants who did not have their children born in the United States and births to nonresident women. These births would not have been recorded in the vital registration system. Based on Current Population Survey (CPS); see text, section 1, and Appendix III]

| CHARACTERISTIC                                | TOTAL, 15 TO 44 YEARS OLD |   |                              | 15 TO 29 YEARS OLD      |   |                              | 30 TO 44 YEARS OLD      |   |                              |
|---|---------------------------|---|------------------------------|-------------------------|---|------------------------------|-------------------------|---|------------------------------|
|   | Number of women (1,000)   | Women who have had a child in the last year |                              | Number of women (1,000) | Women who have had a child in the last year |                              | Number of women (1,000) | Women who have had a child in the last year |                              |
|   |                           | Total births per 1,000 women                | First births per 1,000 women |                         | Total births per 1,000 women                | First births per 1,000 women |                         | Total births per 1,000 women                | First births per 1,000 women |
| <b>Total<sup>1</sup> . . . . .</b>            | <b>58,614</b>             | <b>63</b>                                   | <b>25</b>                    | <b>27,312</b>           | <b>86</b>                                   | <b>41</b>                    | <b>31,302</b>           | <b>43</b>                                   | <b>11</b>                    |
| White . . . . .                               | 48,157                    | 62  | 25                           | 22,102                  | 82  | 41                           | 26,056                  | 44  | 11                           |
| Black . . . . .                               | 8,017                     | 69  | 22                           | 4,070                   | 106   | 39                           | 3,947                   | 31  | 5                            |
| Asian or Pacific Islander . . . . .           | 1,827                     | 64  | 26                           | 832                     | 69  | 30                           | 996                     | 59  | 16                           |
| Hispanic <sup>2</sup> . . . . .               | 5,555                     | 95  | 35                           | 2,915                   | 125   | 60                           | 2,640                   | 62  | 8                            |
| Currently married . . . . .                   | 31,878                    | 88  | 32                           | 9,209                   | 176   | 80                           | 22,668                  | 52  | 13                           |
| Married, spouse present . . . . .             | 29,531                    | 90  | 33                           | 8,338                   | 180   | 84                           | 21,193                  | 54  | 14                           |
| Married, spouse absent <sup>3</sup> . . . . . | 2,347                     | 65  | 19                           | 871                     | 132   | 45                           | 1,475                   | 26  | 3                            |
| Widowed or divorced . . . . .                 | 5,383                     | 27  | 10                           | 973                     | 75  | 31                           | 4,409                   | 16  | 5                            |
| Never married . . . . .                       | 21,354                    | 35  | 17                           | 17,129                  | 38  | 20                           | 4,225                   | 22  | 5                            |
| Educational attainment:                       |                           |   |                              |                         |   |                              |                         |   |                              |
| Less than high school . . . . .               | 12,159                    | 67  | 24                           | 8,422                   | 79  | 33                           | 3,737                   | 40  | 4                            |
| High school, 4 years . . . . .                | 19,063                    | 65  | 25                           | 7,762                   | 113   | 50                           | 11,301                  | 33  | 7                            |
| College: 1 or more years . . . . .            | 27,392                    | 60  | 25                           | 11,128                  | 73  | 40                           | 16,264                  | 51  | 15                           |
| No degree . . . . .                           | 12,422                    | 59  | 24                           | 6,362                   | 72  | 36                           | 6,060                   | 45  | 10                           |
| Associate degree . . . . .                    | 3,982                     | 56  | 23                           | 1,420                   | 87  | 46                           | 2,562                   | 38  | 11                           |
| Bachelor's degree . . . . .                   | 8,173                     | 65  | 27                           | 2,864                   | 70  | 44                           | 5,310                   | 63  | 18                           |
| Grad. or prof. degree . . . . .               | 2,814                     | 55  | 30                           | 482                     | 65  | 48                           | 2,332                   | 53  | 27                           |
| Labor force status:                           |                           |   |                              |                         |   |                              |                         |   |                              |
| Employed . . . . .                            | 38,139                    | 45  | 19                           | 15,906                  | 61  | 32                           | 22,233                  | 34  | 11                           |
| Unemployed . . . . .                          | 3,849                     | 69  | 31                           | 2,418                   | 88  | 45                           | 1,432                   | 37  | 9                            |
| Not in labor force . . . . .                  | 16,626                    | 102   | 35                           | 8,988                   | 129   | 56                           | 7,637                   | 71  | 12                           |
| Occupation of employed women:                 |                           |   |                              |                         |   |                              |                         |   |                              |
| Managerial-professional . . . . .             | 9,923                     | 47  | 22                           | 2,918                   | 68  | 43                           | 7,005                   | 38  | 13                           |
| Tech., sales, admin. support . . . . .        | 16,818                    | 47  | 21                           | 7,602                   | 58  | 32                           | 9,216                   | 37  | 12                           |
| Service workers . . . . .                     | 7,102                     | 46  | 16                           | 3,763                   | 61  | 26                           | 3,339                   | 28  | 4                            |
| Farming, forestry, and fishing . . . . .      | 512                       | 44  | 10                           | 207                     | 78  | 25                           | 306                     | 21  | -                            |
| Precision prod., craft, repair . . . . .      | 738                       | 44  | 19                           | 238                     | 54  | 29                           | 500                     | 39  | 14                           |
| Operators, fabricators, laborers . . . . .    | 3,047                     | 31  | 12                           | 1,179                   | 61  | 25                           | 1,868                   | 12  | 4                            |
| Family income: Under \$10,000 . . . . .       | 7,500                     | 95  | 29                           | 4,426                   | 133   | 47                           | 3,074                   | 41  | 3                            |
| \$10,000 to \$19,999 . . . . .                | 9,201                     | 70  | 29                           | 4,946                   | 103   | 50                           | 4,255                   | 32  | 5                            |
| \$20,000 to \$24,999 . . . . .                | 4,964                     | 66  | 27                           | 2,480                   | 100   | 47                           | 2,484                   | 33  | 7                            |
| \$25,000 to \$29,999 . . . . .                | 4,492                     | 57  | 21                           | 2,086                   | 86  | 40                           | 2,406                   | 32  | 5                            |
| \$30,000 to \$34,999 . . . . .                | 4,631                     | 61  | 22                           | 2,078                   | 89  | 41                           | 2,553                   | 37  | 6                            |
| \$35,000 to \$49,999 . . . . .                | 10,677                    | 58  | 22                           | 4,444                   | 69  | 37                           | 6,233                   | 50  | 11                           |
| \$50,000 to \$74,999 . . . . .                | 8,821                     | 53  | 24                           | 3,407                   | 54  | 34                           | 5,414                   | 52  | 18                           |
| \$75,000 and over . . . . .                   | 5,259                     | 43  | 21                           | 2,053                   | 29  | 20                           | 3,205                   | 52  | 21                           |

- Represents or rounds to zero. <sup>1</sup> Includes women of other races and women with family income not reported, not shown separately. <sup>2</sup> Persons of Hispanic origin may be of any race. <sup>3</sup> Includes separated women.

Source: U.S. Bureau of the Census, *Current Population Reports*, P20-375, P20-454, and P20-470.

### No. 101. Women Who Have Had a Child in the Last Year, by Age and Labor Force Status: 1980 to 1992

[See headnote, table 100]

| YEAR              | TOTAL, 18 TO 44 YEARS OLD |                    |         | 18 TO 29 YEARS OLD |                    |         | 30 TO 44 YEARS OLD |                    |         |
|-------------------|---------------------------|--------------------|---------|--------------------|--------------------|---------|--------------------|--------------------|---------|
|                   | Number (1,000)            | In the labor force |         | Number (1,000)     | In the labor force |         | Number (1,000)     | In the labor force |         |
|                   |                           | Number (1,000)     | Percent |                    | Number (1,000)     | Percent |                    | Number (1,000)     | Percent |
| 1980              | 3,247                     | 1,233              | 38      | 2,476              | 947                | 38      | 770                | 287                | 37      |
| 1981              | 3,381                     | 1,411              | 42      | 2,499              | 1,004              | 40      | 881                | 407                | 46      |
| 1982              | 3,433                     | 1,508              | 44      | 2,445              | 1,040              | 43      | 988                | 469                | 48      |
| 1983              | 3,625                     | 1,563              | 43      | 2,682              | 1,138              | 42      | 942                | 425                | 45      |
| 1984              | 3,311                     | 1,547              | 47      | 2,375              | 1,058              | 45      | 936                | 489                | 52      |
| 1985              | 3,497                     | 1,691              | 48      | 2,512              | 1,204              | 48      | 984                | 488                | 50      |
| 1986              | 3,625                     | 1,805              | 50      | 2,452              | 1,185              | 48      | 1,174              | 620                | 53      |
| 1987              | 3,701                     | 1,881              | 51      | 2,521              | 1,258              | 50      | 1,180              | 623                | 53      |
| 1988              | 3,667                     | 1,866              | 51      | 2,384              | 1,177              | 49      | 1,283              | 688                | 54      |
| 1990              | 3,913                     | 2,068              | 53      | 2,568              | 1,275              | 50      | 1,346              | 793                | 59      |
| 1992 <sup>1</sup> | 3,688                     | 1,985              | 54      | 2,346              | 1,182              | 50      | 1,342              | 802                | 60      |

<sup>1</sup> Lower age limit is 15 years old.Source: U.S. Bureau of the Census, *Current Population Reports*, P20-470; and unpublished data.

### No. 102. Childless Women and Children Ever Born, by Race, Age, and Marital Status: 1992

[See headnote, table 100]

| CHARACTERISTIC               | Total number of women (1,000) | WOMEN BY NUMBER OF CHILDREN EVER BORN (percent) |      |     |             | CHILDREN EVER BORN   |                 |
|------------------------------|-------------------------------|---|------|-----|-------------|----------------------|-----------------|
|                              |                               | Total   | None | One | Two or more | Total number (1,000) | Per 1,000 women |
| <b>ALL RACES<sup>1</sup></b> |                               |   |      |     |             |                      |                 |
| Women ever married           | 37,260                        | 100   | 18   | 23  | 59          | 65,874               | 1,768           |
| 15 to 19 years old           | 339                           | 100   | 44   | 46  | 10          | 228                  | 673             |
| 20 to 24 years old           | 3,064                         | 100   | 38   | 34  | 28          | 3,046                | 994             |
| 25 to 29 years old           | 6,780                         | 100   | 28   | 30  | 43          | 9,237                | 1,362           |
| 30 to 34 years old           | 9,050                         | 100   | 17   | 23  | 60          | 15,988               | 1,767           |
| 35 to 39 years old           | 9,337                         | 100   | 12   | 19  | 69          | 18,866               | 2,020           |
| 40 to 44 years old           | 8,690                         | 100   | 11   | 18  | 71          | 18,509               | 2,130           |
| Women never married          | 21,354                        | 100   | 81   | 10  | 9           | 7,440                | 348             |
| 15 to 19 years old           | 7,847                         | 100   | 95   | 4   | 1           | 511                  | 65              |
| 20 to 24 years old           | 6,023                         | 100   | 80   | 13  | 7           | 1,827                | 303             |
| 25 to 29 years old           | 3,259                         | 100   | 70   | 13  | 17          | 1,926                | 591             |
| 30 to 34 years old           | 2,199                         | 100   | 64   | 15  | 22          | 1,728                | 786             |
| 35 to 39 years old           | 1,300                         | 100   | 65   | 13  | 22          | 1,016                | 782             |
| 40 to 44 years old           | 726                           | 100   | 75   | 11  | 15          | 433                  | 596             |
| <b>WHITE</b>                 |                               |   |      |     |             |                      |                 |
| Women ever married           | 32,165                        | 100   | 19   | 23  | 58          | 55,482               | 1,725           |
| 15 to 19 years old           | 313                           | 100   | 45   | 47  | 8           | 200                  | 638             |
| 20 to 24 years old           | 2,708                         | 100   | 40   | 35  | 26          | 2,546                | 940             |
| 25 to 29 years old           | 5,929                         | 100   | 28   | 30  | 41          | 7,827                | 1,320           |
| 30 to 34 years old           | 7,799                         | 100   | 17   | 23  | 60          | 13,650               | 1,750           |
| 35 to 39 years old           | 7,993                         | 100   | 13   | 19  | 68          | 15,753               | 1,971           |
| 40 to 44 years old           | 7,422                         | 100   | 12   | 17  | 72          | 15,507               | 2,089           |
| Women never married          | 15,993                        | 100   | 88   | 7   | 5           | 3,006                | 188             |
| 15 to 19 years old           | 6,191                         | 100   | 96   | 3   | 1           | 272                  | 44              |
| 20 to 24 years old           | 4,674                         | 100   | 87   | 9   | 4           | 814                  | 174             |
| 25 to 29 years old           | 2,287                         | 100   | 80   | 10  | 10          | 832                  | 364             |
| 30 to 34 years old           | 1,476                         | 100   | 77   | 13  | 10          | 641                  | 434             |
| 35 to 39 years old           | 837                           | 100   | 82   | 8   | 10          | 307                  | 367             |
| 40 to 44 years old           | 529                           | 100   | 88   | 6   | 6           | 140                  | 265             |
| <b>BLACK</b>                 |                               |   |      |     |             |                      |                 |
| Women ever married           | 3,585                         | 100   | 11   | 23  | 66          | 7,686                | 2,144           |
| 15 to 19 years old           | 16                            | 100   | (B)  | (B) | (B)         | 16                   | (B)             |
| 20 to 24 years old           | 238                           | 100   | 22   | 28  | 50          | 384                  | 1,609           |
| 25 to 29 years old           | 608                           | 100   | 19   | 27  | 54          | 1,072                | 1,763           |
| 30 to 34 years old           | 858                           | 100   | 12   | 22  | 66          | 1,707                | 1,988           |
| 35 to 39 years old           | 934                           | 100   | 7    | 22  | 71          | 2,255                | 2,416           |
| 40 to 44 years old           | 930                           | 100   | 7    | 22  | 72          | 2,251                | 2,421           |
| Women never married          | 4,432                         | 100   | 53   | 20  | 27          | 4,215                | 951             |
| 15 to 19 years old           | 1,297                         | 100   | 88   | 9   | 4           | 226                  | 174             |
| 20 to 24 years old           | 1,097                         | 100   | 47   | 29  | 23          | 966                  | 881             |
| 25 to 29 years old           | 813                           | 100   | 41   | 23  | 37          | 1,028                | 1,264           |
| 30 to 34 years old           | 634                           | 100   | 31   | 21  | 49          | 1,039                | 1,639           |
| 35 to 39 years old           | 412                           | 100   | 30   | 24  | 47          | 677                  | 1,645           |
| 40 to 44 years old           | 179                           | 100   | 34   | 26  | 41          | 278                  | 1,555           |

B Base figure too small to meet statistical standards for reliability. <sup>1</sup> Includes other races, not shown separately.Source: U.S. Bureau of the Census, *Current Population Reports*, series P20-470.

**No. 103. Lifetime Births Expected per 1,000 Wives: 1971 to 1992**

[See headnote, table 100]

| YEAR           | LIFETIME BIRTHS TO ALL WIVES <sup>1</sup> AGED— |                   |                   | LIFETIME BIRTHS TO WHITE WIVES AGED— |                   |                   | LIFETIME BIRTHS TO BLACK WIVES AGED— |                   |                   | LIFETIME BIRTHS TO HISPANIC <sup>2</sup> WIVES AGED— |                   |                   |
|----------------|---|-------------------|-------------------|--------------------------------------|-------------------|-------------------|--------------------------------------|-------------------|-------------------|--|-------------------|-------------------|
|                | 18 to 24 yrs. old                               | 25 to 29 yrs. old | 30 to 34 yrs. old | 18 to 24 yrs. old                    | 25 to 29 yrs. old | 30 to 34 yrs. old | 18 to 24 yrs. old                    | 25 to 29 yrs. old | 30 to 34 yrs. old | 18 to 24 yrs. old                                    | 25 to 29 yrs. old | 30 to 34 yrs. old |
| 1971 . . . . . | 2,375   | 2,619             | 2,989             | 2,353                                | 2,577             | 2,936             | 2,623                                | 3,112             | 3,714             | (NA)   | (NA)              | (NA)              |
| 1975 . . . . . | 2,173   | 2,260             | 2,610             | 2,147                                | 2,233             | 2,564             | 2,489                                | 2,587             | 3,212             | 2,223  | 2,607             | 3,238             |
| 1980 . . . . . | 2,134   | 2,166             | 2,248             | 2,130                                | 2,146             | 2,223             | 2,155                                | 2,426             | 2,522             | 2,428  | 2,495             | 2,909             |
| 1985 . . . . . | 2,183   | 2,236             | 2,167             | 2,177                                | 2,227             | 2,139             | 2,242                                | 2,259             | 2,521             | 2,367  | 2,628             | 2,712             |
| 1990 . . . . . | 2,244   | 2,285             | 2,277             | 2,218                                | 2,272             | 2,257             | 2,509                                | 2,443             | 2,579             | 2,404  | 2,482             | 2,824             |
| 1992 . . . . . | 2,279   | 2,271             | 2,218             | 2,274                                | 2,259             | 2,208             | 2,353                                | 2,389             | 2,362             | 2,511  | 2,437             | 2,600             |

NA Not available. <sup>1</sup> Includes other races not shown separately. <sup>2</sup> Persons of Hispanic origin may be of any race.

**No. 104. Lifetime Births Expected by Women, 18 to 34 Years Old, by Selected Characteristics: 1992**

[As of June. Covers women in the civilian noninstitutional population. Based on Current Population Survey; see text, section 1, and Appendix III]

| CHARACTERISTIC                                    | Women reporting on birth expectations (1,000) | RATE PER 1,000 WOMEN |                        |                          | PERCENTAGE EXPECTING— |                  |
|---|---|----------------------|------------------------|--------------------------|-----------------------|------------------|
|   |   | Births to date       | Future births expected | Lifetime births expected | No lifetime births    | No future births |
| <b>Total</b> <sup>1</sup> . . . . .               | <b>24,223</b>                                 | <b>1,135</b>         | <b>963</b>             | <b>2,098</b>             | <b>9.3</b>            | <b>48.3</b>      |
| White . . . . .                                   | 20,141  | 1,077                | 1,014                  | 2,091                    | 9.3                   | 46.1             |
| Black . . . . .                                   | 3,217   | 1,508                | 628                    | 2,136                    | 9.3                   | 63.4             |
| Hispanic <sup>2</sup> . . . . .                   | 2,357   | 1,493                | 838                    | 2,331                    | 5.7                   | 51.4             |
| Not a high school graduate . . . . .              | 3,599   | 1,776                | 616                    | 2,393                    | 7.6                   | 63.8             |
| High school, 4 years . . . . .                    | 8,760   | 1,325                | 718                    | 2,043                    | 9.0                   | 57.9             |
| College: 1 or more years . . . . .                | 11,864  | 800                  | 1,249                  | 2,049                    | 10.0                  | 36.5             |
| Some college, no degree . . . . .                 | 5,871   | 848                  | 1,216                  | 2,064                    | 10.0                  | 39.2             |
| Associate degree . . . . .                        | 1,731   | 1,020                | 1,018                  | 2,038                    | 8.9                   | 43.4             |
| Bachelor's degree . . . . .                       | 3,466   | 663                  | 1,380                  | 2,043                    | 10.3                  | 31.0             |
| Graduate or professional degree . . . . .         | 795   | 563                  | 1,427                  | 1,990                    | 12.0                  | 26.0             |
| In labor force . . . . .                          | 17,834  | 929                  | 1,069                  | 1,998                    | 10.5                  | 44.1             |
| Employed . . . . .                                | 16,130  | 903                  | 1,077                  | 1,980                    | 10.7                  | 43.6             |
| Unemployed . . . . .                              | 1,705   | 1,176                | 991                    | 2,167                    | 8.4                   | 49.3             |
| Not in labor force . . . . .                      | 6,389   | 1,710                | 667                    | 2,377                    | 6.0                   | 60.1             |
| Managerial and professional . . . . .             | 3,760   | 725                  | 1,232                  | 1,957                    | 11.3                  | 36.8             |
| Technical, sales, and admin. support . . . . .    | 7,511   | 835                  | 1,126                  | 1,962                    | 10.2                  | 41.0             |
| Service workers . . . . .                         | 3,127   | 1,097                | 974                    | 2,071                    | 9.5                   | 48.2             |
| Farming, forestry, and fishing . . . . .          | 198   | 1,426                | 972                    | 2,398                    | 14.1                  | 55.5             |
| Precision production, craft, and repair . . . . . | 299   | 1,135                | 714                    | 1,849                    | 12.7                  | 59.5             |
| Operators, fabricators, and laborers . . . . .    | 1,235   | 1,223                | 675                    | 1,897                    | 13.5                  | 62.4             |

<sup>1</sup> Includes other races not shown separately. <sup>2</sup> Persons of Hispanic origin may be of any race. Source of tables 103 and 104: U.S. Bureau of the Census, *Current Population Reports*, series P20-470.

**No. 105. Pregnancies, Number and Outcome: 1976 to 1992**

[Live births: source of data is statistics of registered births published annually by National Center for Health Statistics (NCHS). Induced abortions: derived from published reports by the Alan Guttmacher Institute. Fetal losses: based on the National Survey of Family Growth conducted by NCHS]

| YEAR           | NUMBER (1,000) |             |                   |              | RATE PER 1,000 WOMEN, 15 TO 44 YEARS OLD |             |                   |              |
|----------------|----------------|-------------|-------------------|--------------|--|-------------|-------------------|--------------|
|                | Total          | Live births | Induced abortions | Fetal losses | Total                                    | Live births | Induced abortions | Fetal losses |
| 1976 . . . . . | 5,002          | 3,168       | 1,179             | 655          | 102.7                                    | 65.0        | 24.2              | 13.4         |
| 1977 . . . . . | 5,331          | 3,327       | 1,317             | 687          | 107.0                                    | 66.8        | 26.4              | 13.8         |
| 1978 . . . . . | 5,433          | 3,333       | 1,410             | 690          | 106.7                                    | 65.5        | 27.7              | 13.5         |
| 1979 . . . . . | 5,714          | 3,494       | 1,498             | 722          | 109.9                                    | 67.2        | 28.8              | 13.9         |
| 1980 . . . . . | 5,912          | 3,612       | 1,554             | 746          | 111.9                                    | 68.4        | 29.4              | 14.1         |
| 1981 . . . . . | 5,958          | 3,629       | 1,577             | 751          | 110.5                                    | 67.3        | 29.3              | 13.9         |
| 1982 . . . . . | 6,024          | 3,681       | 1,574             | 769          | 110.1                                    | 67.3        | 28.8              | 14.1         |
| 1983 . . . . . | 5,977          | 3,639       | 1,575             | 763          | 108.0                                    | 65.7        | 28.5              | 13.8         |
| 1984 . . . . . | 6,019          | 3,669       | 1,577             | 773          | 107.4                                    | 65.5        | 28.1              | 13.8         |
| 1985 . . . . . | 6,144          | 3,761       | 1,589             | 795          | 108.3                                    | 66.3        | 28.0              | 14.0         |
| 1986 . . . . . | 6,129          | 3,757       | 1,574             | 798          | 106.7                                    | 65.4        | 27.4              | 13.9         |
| 1987 . . . . . | 6,183          | 3,809       | 1,559             | 815          | 106.8                                    | 65.8        | 26.9              | 14.1         |
| 1988 . . . . . | 6,341          | 3,910       | 1,591             | 840          | 109.1                                    | 67.3        | 27.4              | 14.5         |
| 1989 . . . . . | 6,480          | 4,041       | 1,567             | 873          | 111.0                                    | 69.2        | 26.8              | 15.0         |
| 1990 . . . . . | 6,668          | 4,158       | 1,609             | 902          | 113.8                                    | 70.9        | 27.4              | 15.4         |
| 1991 . . . . . | 6,563          | 4,111       | 1,557             | 896          | 111.1                                    | 69.6        | 26.3              | 15.2         |
| 1992 . . . . . | 6,484          | 4,065       | 1,529             | 890          | 109.9                                    | 68.9        | 25.9              | 15.1         |

Source: U.S. National Center for Health Statistics, *Monthly Vital Statistics Report*, vol. 41, No. 6, Supplement.

### No. 106. Pregnancies, by Outcome, Age of Woman, and Race: 1991

[See headnote, table 105]

| ITEM                         | Total | Under 15 years old | 15 to 19 years old | 20 to 24 years old | 25 to 29 years old | 30 to 34 years old | 35 to 39 years old | 40 years old and over |
|------------------------------|-------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|-----------------------|
| <b>PREGNANCIES</b>           |       |                    |                    |                    |                    |                    |                    |                       |
| Non-Hispanic:                |       |                    |                    |                    |                    |                    |                    |                       |
| White, pregnancies . . . . . | 3,964 | 8                  | 489                | 1,007              | 1,145              | 884                | 368                | 63                    |
| Live births . . . . .        | 2,635 | 3                  | 250                | 637                | 834                | 640                | 235                | 36                    |
| Induced abortions . . . . .  | 774   | 4                  | 164                | 264                | 163                | 106                | 58                 | 16                    |
| Fetal losses . . . . .       | 556   | 1                  | 75                 | 107                | 148                | 138                | 76                 | 11                    |
| Black, pregnancies . . . . . | 1,344 | 14                 | 272                | 439                | 320                | 202                | 81                 | 15                    |
| Live births . . . . .        | 673   | 6                  | 149                | 216                | 160                | 98                 | 37                 | 6                     |
| Induced abortions . . . . .  | 507   | 7                  | 101                | 178                | 119                | 67                 | 29                 | 7                     |
| Fetal losses . . . . .       | 164   | 1                  | 22                 | 45                 | 41                 | 37                 | 15                 | 3                     |
| Hispanic:                    |       |                    |                    |                    |                    |                    |                    |                       |
| Pregnancies . . . . .        | 965   | 5                  | 177                | 306                | 250                | 149                | 64                 | 14                    |
| Live births . . . . .        | 623   | 2                  | 105                | 199                | 170                | 100                | 39                 | 8                     |
| Induced abortions . . . . .  | 208   | 1                  | 40                 | 73                 | 50                 | 28                 | 13                 | 4                     |
| Fetal losses . . . . .       | 134   | 1                  | 32                 | 33                 | 30                 | 22                 | 12                 | 2                     |
| <b>RATE PER 1,000 WOMEN</b>  |       |                    |                    |                    |                    |                    |                    |                       |
| Non-Hispanic:                |       |                    |                    |                    |                    |                    |                    |                       |
| White, pregnancies . . . . . | 91.8  | 1.3                | 84.7               | 151.4              | 154.7              | 107.6              | 47.3               | 8.6                   |
| Live births . . . . .        | 61.0  | 0.5                | 43.4               | 95.7               | 112.7              | 77.9               | 30.2               | 4.8                   |
| Induced abortions . . . . .  | 17.9  | 0.7                | 28.4               | 39.6               | 22.0               | 12.9               | 7.4                | 2.2                   |
| Fetal losses . . . . .       | 12.9  | 0.2                | 13.0               | 16.0               | 20.0               | 16.8               | 9.7                | 1.6                   |
| Black, pregnancies . . . . . | 174.8 | 11.0               | 216.7              | 337.2              | 232.3              | 142.7              | 63.9               | 14.4                  |
| Live births . . . . .        | 87.6  | 4.9                | 118.9              | 166.1              | 116.3              | 69.3               | 28.9               | 5.7                   |
| Induced abortions . . . . .  | 65.9  | 5.1                | 80.5               | 136.4              | 86.3               | 47.1               | 23.0               | 6.2                   |
| Fetal losses . . . . .       | 21.3  | 0.9                | 17.2               | 34.7               | 29.7               | 26.3               | 12.1               | 2.4                   |
| Hispanic:                    |       |                    |                    |                    |                    |                    |                    |                       |
| Pregnancies . . . . .        | 167.4 | 4.8                | 180.2              | 285.6              | 224.3              | 143.9              | 74.8               | 19.8                  |
| Live births . . . . .        | 108.1 | 2.4                | 106.7              | 186.3              | 152.8              | 96.1               | 44.9               | 11.1                  |
| Induced abortions . . . . .  | 36.2  | 1.4                | 40.4               | 68.1               | 44.4               | 27.1               | 15.5               | 5.2                   |
| Fetal losses . . . . .       | 23.2  | 1.0                | 33.1               | 31.2               | 27.1               | 20.7               | 14.4               | 3.6                   |

Source: U.S. National Center for Health Statistics, *Monthly Vital Statistics Report*, vol. 43, No. 12.

### No. 107. Contraceptive Use by Women, 15 to 44 Years Old: 1990

[Based on samples of the female population of the United States; see source for details. See Appendix III]

| CONTRACEPTIVE STATUS AND METHOD                   | All women <sup>1</sup> | AGE           |               |               | RACE          |              |              | MARITAL STATUS |                   |                  |
|---|------------------------|---------------|---------------|---------------|---------------|--------------|--------------|----------------|-------------------|------------------|
|   |                        | 15-24 years   | 25-34 years   | 35-44 years   | Non-Hispanic  |              | Hispanic     | Never married  | Currently married | Formerly married |
|   |                        |               |               |               | White         | Black        |              |                |                   |                  |
| <b>All women (1,000) . . . . .</b>                | <b>58,381</b>          | <b>17,637</b> | <b>21,728</b> | <b>19,016</b> | <b>42,968</b> | <b>7,510</b> | <b>5,500</b> | <b>20,788</b>  | <b>30,561</b>     | <b>7,033</b>     |
| <b>PERCENT DISTRIBUTION</b>                       |                        |               |               |               |               |              |              |                |                   |                  |
| Sterile . . . . .                                 | 32.1                   | 3.8           | 26.4          | 64.6          | 32.9          | 34.0         | 27.5         | 7.1            | 46.0              | 45.2             |
| Surgically sterile . . . . .                      | 30.2                   | 3.1           | 24.8          | 61.1          | 31.2          | 31.4         | 23.9         | 5.7            | 43.9              | 42.3             |
| Noncontraceptively sterile <sup>2</sup> . . . . . | 5.2                    | 0.3           | 2.7           | 12.5          | 5.4           | 6.5          | 3.2          | 1.1            | 6.6               | 10.9             |
| Contraceptively sterile <sup>3</sup> . . . . .    | 25.0                   | 2.8           | 22.1          | 48.6          | 25.8          | 24.9         | 20.7         | 4.6            | 37.3              | 31.4             |
| Nonsurgically sterile <sup>4</sup> . . . . .      | 1.9                    | 0.7           | 1.6           | 3.5           | 1.7           | 2.6          | 3.6          | 1.4            | 2.1               | 2.9              |
| Pregnant, postpartum . . . . .                    | 5.4                    | 7.0           | 7.9           | 1.2           | 5.2           | 5.5          | 7.7          | 3.4            | 7.3               | 3.1              |
| Seeking pregnancy . . . . .                       | 4.0                    | 1.8           | 7.6           | 2.0           | 3.7           | 4.7          | 5.1          | 1.1            | 6.6               | 1.5              |
| Other nonusers . . . . .                          | 24.2                   | 46.4          | 17.1          | 12.0          | 23.6          | 22.1         | 28.3         | 50.0           | 6.6               | 24.4             |
| Never had intercourse . . . . .                   | 9.4                    | 26.4          | 2.8           | 1.3           | 8.7           | 7.0          | 16.4         | 26.4           | -                 | -                |
| No intercourse in last month . . . . .            | 7.0                    | 7.7           | 7.1           | 6.4           | 7.2           | 7.5          | 5.1          | 12.5           | 0.6               | 18.9             |
| Had intercourse in last month . . . . .           | 7.8                    | 12.3          | 7.2           | 4.3           | 7.7           | 7.6          | 6.8          | 11.1           | 6.0               | 5.5              |
| Nonsurgical contraceptors . . . . .               | 34.3                   | 41.2          | 41.3          | 20.1          | 34.6          | 33.8         | 31.7         | 38.5           | 33.3              | 25.8             |
| Pill . . . . .                                    | 16.9                   | 23.9          | 22.0          | 4.7           | 17.3          | 16.7         | 16.4         | 21.7           | 14.5              | 12.8             |
| IUD . . . . .                                     | 0.8                    | 0.2           | 0.4           | 1.8           | 0.8           | 0.8          | 1.0          | 0.4            | 1.0               | 1.4              |
| Diaphragm . . . . .                               | 1.7                    | 0.2           | 2.3           | 2.4           | 1.8           | 1.0          | 0.8          | 0.3            | 2.9               | 0.5              |
| Condom . . . . .                                  | 10.5                   | 13.9          | 11.0          | 6.7           | 10.3          | 11.4         | 8.9          | 13.0           | 9.9               | 5.6              |
| Periodic abstinence . . . . .                     | 1.6                    | 1.0           | 2.0           | 1.6           | 1.6           | 0.7          | 1.9          | 0.8            | 2.4               | 0.4              |
| Natural family planning . . . . .                 | 0.2                    | 0.1           | 0.4           | 0.2           | 0.2           | -            | -            | -              | 0.4               | -                |
| Withdrawal . . . . .                              | 0.6                    | 0.6           | 0.6           | 0.5           | 0.6           | 0.4          | 0.4          | 0.7            | 0.5               | 0.1              |
| Other methods <sup>5</sup> . . . . .              | 2.3                    | 1.4           | 3.0           | 2.4           | 2.2           | 2.8          | 2.3          | 1.6            | 2.1               | 5.0              |

- Represents or rounds to zero. <sup>1</sup> Includes other races, not shown separately. <sup>2</sup> Persons who had sterilizing operation and who gave as one reason that they had medical problems with their female organs. <sup>3</sup> Includes all other sterilization operations, and sterilization of the husband or current partner. <sup>4</sup> Persons sterile from illness, accident, or congenital conditions. <sup>5</sup> Douche, suppository, and less frequently used methods.

Source: U.S. National Center for Health Statistics, *Advance Data from Vital and Health Statistics*, No. 182.

**No. 108. Live Births—Mothers Who Smoked During Pregnancy, According to Educational Attainment and Race of Mother: 1992**

[In thousands, except percents. Excludes California, Indiana, New York, and South Dakota, which did not require reporting of tobacco use during pregnancy]

| SMOKING MEASURE AND RACE OF MOTHER | Total | YEARS OF SCHOOL COMPLETED BY MOTHER |            |          |             |                  |            |
|------------------------------------|-------|-------------------------------------|------------|----------|-------------|------------------|------------|
|                                    |       | 0-8 years                           | 9-11 years | 12 years | 13-15 years | 16 years or more | Not stated |
| All races <sup>1</sup>             | 3,080 | 144                                 | 516        | 1,144    | 646         | 581              | 49         |
| White                              | 2,414 | 116                                 | 350        | 878      | 521         | 514              | 34         |
| Black                              | 557   | 20                                  | 149        | 231      | 106         | 41               | 11         |
| Percent: Smoker <sup>1</sup>       | 16.9  | 16.8                                | 30.6       | 20.1     | 12.0        | 3.9              | 17.2       |
| White                              | 17.9  | 18.3                                | 35.9       | 22.1     | 12.6        | 4.0              | 17.5       |
| Black                              | 13.8  | 11.4                                | 19.3       | 13.5     | 10.1        | 4.7              | 20.3       |
| <b>PERCENT DISTRIBUTION</b>        |       |                                     |            |          |             |                  |            |
| All races <sup>1</sup> : Smoker    | 100.0 | 100.0                               | 100.0      | 100.0    | 100.0       | 100.0            | 100.0      |
| 10 cigarettes or less              | 61.9  | 55.9                                | 60.5       | 61.2     | 64.8        | 73.9             | 63.7       |
| 11-20 cigarettes                   | 32.8  | 35.6                                | 33.5       | 33.8     | 30.7        | 22.5             | 30.8       |
| 21 cigarettes or more              | 5.4   | 8.5                                 | 6.0        | 5.1      | 4.4         | 3.6              | 5.6        |
| White: Smoker                      | 100.0 | 100.0                               | 100.0      | 100.0    | 100.0       | 100.0            | 100.0      |
| 10 cigarettes or less              | 58.6  | 53.5                                | 56.3       | 58.0     | 62.3        | 73.0             | 59.9       |
| 11-20 cigarettes                   | 35.5  | 37.3                                | 37.0       | 36.5     | 32.8        | 23.1             | 33.7       |
| 21 cigarettes or more              | 5.9   | 9.2                                 | 6.8        | 5.5      | 4.9         | 3.8              | 6.5        |
| Black: Smoker                      | 100.0 | 100.0                               | 100.0      | 100.0    | 100.0       | 100.0            | 100.0      |
| 10 cigarettes or less              | 78.3  | 72.3                                | 77.6       | 79.2     | 79.1        | 81.0             | 74.1       |
| 11-20 cigarettes                   | 19.0  | 23.9                                | 19.3       | 18.4     | 18.9        | 17.7             | 23.0       |
| 21 cigarettes or more              | 2.6   | 3.9                                 | 3.1        | 2.3      | 2.0         | 1.2              | 2.9        |

<sup>1</sup> Includes races other than White and Black.

Source: U.S. National Center for Health Statistics, *Monthly Vital Statistics Reports*.

**No. 109. Percent Low Birthweight, by Smoking Status, Age, and Race of Mother: 1992**

[Low birthweight is defined as weight of less than 2,500 grams (5 lb. 8 oz.). Excludes California, Indiana, New York, and South Dakota, which did not require reporting of tobacco use during pregnancy]

| SMOKING STATUS AND RACE OF MOTHER | All ages | AGE OF MOTHER  |             |             |             |             |             |             |             |             |
|-----------------------------------|----------|----------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
|                                   |          | Under 15 years | 15-19 years |             |             | 20-24 years | 25-29 years | 30-34 years | 35-39 years | 40-49 years |
|                                   |          |                | Total       | 15-17 years | 18-19 years |             |             |             |             |             |
| All races <sup>1</sup> , total    | 7.3      | 13.4           | 9.6         | 10.5        | 9.1         | 7.4         | 6.3         | 6.6         | 7.7         | 8.7         |
| Smoker                            | 11.5     | 13.2           | 11.0        | 11.4        | 10.8        | 10.1        | 11.2        | 12.9        | 15.6        | 16.9        |
| Nonsmoker                         | 6.3      | 13.4           | 9.2         | 10.2        | 8.6         | 6.6         | 5.3         | 5.5         | 6.4         | 7.6         |
| Not stated                        | 9.1      | 14.2           | 11.8        | 13.1        | 11.1        | 9.4         | 8.2         | 8.0         | 9.7         | 9.2         |
| White, total                      | 5.9      | 9.9            | 7.9         | 8.5         | 7.5         | 6.0         | 5.2         | 5.5         | 6.5         | 7.4         |
| Smoker                            | 9.7      | 12.6           | 10.4        | 11.0        | 10.1        | 8.8         | 9.1         | 10.3        | 12.6        | 14.2        |
| Nonsmoker                         | 5.0      | 9.3            | 6.9         | 7.8         | 6.5         | 5.1         | 4.4         | 4.7         | 5.5         | 6.6         |
| Not stated                        | 7.2      | (B)            | 9.8         | 10.3        | 9.6         | 7.3         | 6.5         | 6.4         | 8.3         | 7.9         |
| Black, total                      | 13.4     | 15.9           | 13.5        | 13.9        | 13.2        | 12.3        | 13.1        | 14.8        | 16.2        | 16.7        |
| Smoker                            | 22.1     | (B)            | 16.7        | 16.1        | 17.0        | 18.8        | 22.4        | 25.7        | 28.6        | 29.1        |
| Nonsmoker                         | 11.9     | 16.0           | 13.2        | 13.6        | 12.8        | 11.3        | 10.9        | 11.6        | 12.8        | 14.3        |
| Not stated                        | 16.8     | 14.3           | 16.2        | 17.8        | 15.0        | 15.6        | 17.0        | 18.5        | 19.4        | 16.7        |

B Base figure too small to meet statistical standards for reliability of a derived figure.

<sup>1</sup> Includes races other than White and Black.

Source: U.S. National Center for Health Statistics, *Monthly Vital Statistics Reports*.

**No. 110. Live Births—Drinking Status of Mother Who Drank During Pregnancy, According to Age and Race of Mother: 1992**

[In thousands, except percents. Excludes California, New York, and South Dakota, which did not require reporting of alcohol abuse during pregnancy]

| DRINKING STATUS, DRINKING MEASURE, AND RACE OF MOTHER | All ages | AGE OF MOTHER  |             |             |             |             |             |             |             |             |
|---|----------|----------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
|   |          | Under 15 years | 15-19 years |             |             | 20-24 years | 25-29 years | 30-34 years | 35-39 years | 40-49 years |
|   |          |                | Total       | 15-17 years | 18-19 years |             |             |             |             |             |
| All races <sup>1</sup> , total                        | 3,164.4  | 10.0           | 409.4       | 151.5       | 257.9       | 850.6       | 916.9       | 683.8       | 253.6       | 40.1        |
| Drinker   | 78.7     | 0.1            | 5.4         | 1.7         | 3.7         | 16.6        | 22.9        | 22.7        | 9.6         | 1.4         |
| Nondrinker  | 2,993.1  | 9.6            | 392.5       | 145.4       | 247.1       | 810.1       | 867.8       | 640.0       | 235.7       | 37.4        |
| Not stated  | 92.6     | 0.3            | 11.5        | 4.4         | 7.1         | 23.8        | 26.2        | 21.1        | 8.2         | 1.4         |
| White, total  | 2,487.5  | 3.9            | 268.4       | 91.6        | 176.8       | 637.8       | 755.0       | 578.1       | 211.5       | 32.8        |
| Drinker   | 57.5     | (Z)            | 3.7         | 1.2         | 2.6         | 11.1        | 16.2        | 17.7        | 7.7         | 1.1         |
| Nondrinker  | 2,359.3  | 3.7            | 257.2       | 87.8        | 169.4       | 609.5       | 718.0       | 543.1       | 197.1       | 30.6        |
| Not stated  | 70.7     | 0.1            | 7.4         | 2.6         | 4.8         | 17.2        | 20.8        | 17.3        | 6.7         | 1.1         |
| Black, total  | 566.1    | 5.8            | 129.7       | 55.7        | 74.0        | 186.5       | 129.1       | 79.4        | 30.5        | 5.0         |
| Drinker   | 18.3     | (Z)            | 1.3         | 0.4         | 0.9         | 4.8         | 5.9         | 4.4         | 1.7         | 0.2         |
| Nondrinker  | 529.6    | 5.6            | 124.8       | 53.8        | 71.0        | 176.0       | 118.8       | 72.1        | 27.7        | 4.6         |
| Not stated  | 18.2     | 0.2            | 3.7         | 1.6         | 2.1         | 5.8         | 4.4         | 2.9         | 1.1         | 0.2         |
| Percent: Drinker <sup>1</sup>                         | 2.6      | 8.0            | 1.4         | 1.2         | 1.5         | 2.0         | 2.6         | 3.4         | 3.9         | 3.5         |
| White   | 2.4      | 1.2            | 1.4         | 1.3         | 1.5         | 1.8         | 2.2         | 3.2         | 3.7         | 3.5         |
| Black   | 3.3      | 0.5            | 1.0         | 0.7         | 1.2         | 2.6         | 4.7         | 5.8         | 5.8         | 4.1         |

Z Less than 50. <sup>1</sup> Includes races other than White or Black.

Source: U.S. National Center for Health Statistics, *Monthly Vital Statistics Reports*.

### No. 114. Expectation of Life at Birth, 1970 to 1993, and Projections, 1995 to 2010

[In years. Excludes deaths of nonresidents of the United States. See also *Historical Statistics, Colonial Times to 1970*, series B 107-115]

| YEAR                           | TOTAL |      |        | WHITE |      |        | BLACK AND OTHER |      |        | BLACK |      |        |
|--------------------------------|-------|------|--------|-------|------|--------|-----------------|------|--------|-------|------|--------|
|                                | Total | Male | Female | Total | Male | Female | Total           | Male | Female | Total | Male | Female |
| 1970                           | 70.8  | 67.1 | 74.7   | 71.7  | 68.0 | 75.6   | 65.3            | 61.3 | 69.4   | 64.1  | 60.0 | 68.3   |
| 1975                           | 72.6  | 68.8 | 76.6   | 73.4  | 69.5 | 77.3   | 68.0            | 63.7 | 72.4   | 66.8  | 62.4 | 71.3   |
| 1980                           | 73.7  | 70.0 | 77.4   | 74.4  | 70.7 | 78.1   | 69.5            | 65.3 | 73.6   | 68.1  | 63.8 | 72.5   |
| 1981                           | 74.1  | 70.4 | 77.8   | 74.8  | 71.1 | 78.4   | 70.3            | 66.2 | 74.4   | 68.9  | 64.5 | 73.2   |
| 1982                           | 74.5  | 70.8 | 78.1   | 75.1  | 71.5 | 78.7   | 70.9            | 66.8 | 74.9   | 69.4  | 65.1 | 73.6   |
| 1983                           | 74.6  | 71.0 | 78.1   | 75.2  | 71.6 | 78.7   | 70.9            | 67.0 | 74.7   | 69.4  | 65.2 | 73.5   |
| 1984                           | 74.7  | 71.1 | 78.2   | 75.3  | 71.8 | 78.7   | 71.1            | 67.2 | 74.9   | 69.5  | 65.3 | 73.6   |
| 1985                           | 74.7  | 71.1 | 78.2   | 75.3  | 71.8 | 78.7   | 71.0            | 67.0 | 74.8   | 69.3  | 65.0 | 73.4   |
| 1986                           | 74.7  | 71.2 | 78.2   | 75.4  | 71.9 | 78.8   | 70.9            | 66.8 | 74.9   | 69.1  | 64.8 | 73.4   |
| 1987                           | 74.9  | 71.4 | 78.3   | 75.6  | 72.1 | 78.9   | 71.0            | 66.9 | 75.0   | 69.1  | 64.7 | 73.4   |
| 1988                           | 74.9  | 71.4 | 78.3   | 75.6  | 72.2 | 78.9   | 70.8            | 66.7 | 74.8   | 68.9  | 64.4 | 73.2   |
| 1989                           | 75.1  | 71.7 | 78.5   | 75.9  | 72.5 | 79.2   | 70.9            | 66.7 | 74.9   | 68.8  | 64.3 | 73.3   |
| 1990                           | 75.4  | 71.8 | 78.8   | 76.1  | 72.7 | 79.4   | 71.2            | 67.0 | 75.2   | 69.1  | 64.5 | 73.6   |
| 1991                           | 75.5  | 72.0 | 78.9   | 76.3  | 72.9 | 79.6   | 71.5            | 67.3 | 75.5   | 69.3  | 64.6 | 73.8   |
| 1992                           | 75.8  | 72.3 | 79.1   | 76.5  | 73.2 | 79.8   | 71.8            | 67.7 | 75.7   | 69.6  | 65.0 | 73.9   |
| 1993                           | 75.5  | 72.1 | 78.9   | 76.3  | 73.0 | 79.5   | 71.5            | 67.4 | 75.5   | 69.3  | 64.7 | 73.7   |
| Projections: <sup>1</sup> 1995 | 76.3  | 72.8 | 79.7   | 77.0  | 73.7 | 80.3   | 72.5            | 68.2 | 76.8   | 70.3  | 65.8 | 74.8   |
| 2000                           | 76.7  | 73.2 | 80.2   | 77.6  | 74.3 | 80.9   | 72.9            | 68.3 | 77.5   | 70.2  | 65.3 | 75.1   |
| 2005                           | 77.3  | 73.8 | 80.7   | 78.2  | 74.9 | 81.4   | 73.6            | 69.1 | 78.1   | 70.7  | 65.9 | 75.5   |
| 2010                           | 77.9  | 74.5 | 81.3   | 78.8  | 75.6 | 82.0   | 74.3            | 69.9 | 78.7   | 71.3  | 66.5 | 76.0   |

<sup>1</sup> Based on middle mortality assumptions; for details, see source. Source: U.S. Bureau of the Census, *Current Population Reports*, P25-1104.

Source: Except as noted, U.S. National Center for Health Statistics, *Vital Statistics of the United States*, annual, and *Monthly Vital Statistics Reports*.

### No. 115. Selected Life Table Values: 1979 to 1992

[See also *Historical Statistics, Colonial Times to 1970*, series B 116-125]

| AGE AND SEX   | TOTAL <sup>1</sup> |      |      | WHITE     |      |      | BLACK     |      |      |
|---|--------------------|------|------|-----------|------|------|-----------|------|------|
|   | 1979-1981          | 1990 | 1992 | 1979-1981 | 1990 | 1992 | 1979-1981 | 1990 | 1992 |
| AVERAGE EXPECTATION OF LIFE IN YEARS                          |                    |      |      |           |      |      |           |      |      |
| At birth: Male  | 70.1               | 71.8 | 72.3 | 70.8      | 72.7 | 73.2 | 64.1      | 64.5 | 65.0 |
| Female  | 77.6               | 78.8 | 79.1 | 78.2      | 79.4 | 79.8 | 72.9      | 73.6 | 73.9 |
| Age 20: Male  | 51.9               | 53.3 | 53.7 | 52.5      | 54.0 | 54.3 | 46.4      | 46.7 | 47.2 |
| Female  | 59.0               | 59.8 | 60.1 | 59.4      | 60.3 | 60.6 | 54.9      | 55.3 | 55.6 |
| Age 40: Male  | 33.6               | 35.1 | 35.5 | 34.0      | 35.6 | 36.0 | 29.5      | 30.1 | 30.5 |
| Female  | 39.8               | 40.6 | 40.9 | 40.2      | 41.0 | 41.2 | 36.3      | 36.8 | 37.1 |
| Age 50: Male  | 25.0               | 26.4 | 26.8 | 25.3      | 26.7 | 27.1 | 22.0      | 22.5 | 23.0 |
| Female  | 30.7               | 31.3 | 31.6 | 31.0      | 31.6 | 31.9 | 27.8      | 28.2 | 28.5 |
| Age 65: Male  | 14.2               | 15.1 | 15.4 | 14.3      | 15.2 | 15.5 | 13.3      | 13.2 | 13.5 |
| Female  | 18.4               | 18.9 | 19.2 | 18.6      | 19.1 | 19.3 | 17.1      | 17.2 | 17.4 |
| EXPECTED DEATHS PER 1,000 ALIVE AT SPECIFIED AGE <sup>2</sup> |                    |      |      |           |      |      |           |      |      |
| At birth: Male  | 13.9               | 10.3 | 9.4  | 12.3      | 8.6  | 7.7  | 23.0      | 19.7 | 18.4 |
| Female  | 11.2               | 8.2  | 7.6  | 9.7       | 6.6  | 6.1  | 19.3      | 16.3 | 15.2 |
| Age 20: Male  | 1.8                | 1.6  | 1.5  | 1.8       | 1.4  | 1.3  | 2.2       | 2.7  | 2.9  |
| Female  | 0.6                | 0.5  | 0.5  | 0.6       | 0.5  | 0.5  | 0.7       | 0.7  | 0.7  |
| Age 40: Male  | 3.0                | 3.1  | 3.3  | 2.6       | 2.7  | 2.8  | 6.9       | 7.1  | 7.2  |
| Female  | 1.6                | 1.4  | 1.4  | 1.4       | 1.2  | 1.2  | 3.2       | 3.1  | 3.3  |
| Age 50: Male  | 7.8                | 6.2  | 6.0  | 7.1       | 5.6  | 5.5  | 14.9      | 12.8 | 12.3 |
| Female  | 4.2                | 3.5  | 3.4  | 3.8       | 3.2  | 3.1  | 7.7       | 6.6  | 6.3  |
| Age 65: Male  | 28.2               | 12.9 | 23.3 | 27.4      | 23.0 | 22.4 | 38.5      | 36.8 | 34.7 |
| Female  | 14.3               | 13.5 | 13.2 | 13.6      | 12.8 | 12.6 | 21.6      | 21.4 | 20.4 |
| NUMBER SURVIVING TO SPECIFIED AGE PER 1,000 BORN ALIVE        |                    |      |      |           |      |      |           |      |      |
| Age 20: Male  | 973                | 979  | 980  | 975       | 981  | 983  | 961       | 963  | 964  |
| Female  | 982                | 986  | 987  | 984       | 988  | 989  | 972       | 976  | 977  |
| Age 40: Male  | 933                | 938  | 939  | 940       | 946  | 948  | 885       | 880  | 883  |
| Female  | 965                | 971  | 972  | 969       | 975  | 976  | 941       | 944  | 945  |
| Age 50: Male  | 890                | 899  | 901  | 901       | 912  | 913  | 801       | 801  | 804  |
| Female  | 941                | 950  | 951  | 947       | 957  | 958  | 896       | 904  | 904  |
| Age 65: Male  | 706                | 741  | 748  | 724       | 760  | 767  | 551       | 571  | 582  |
| Female  | 835                | 851  | 855  | 848       | 864  | 868  | 733       | 751  | 755  |

<sup>1</sup> Includes other races not shown separately. <sup>2</sup> See footnote 1, table 116.

Source: U.S. National Center for Health Statistics, *U.S. Life Tables and Actuarial Tables, 1959-61, 1969-71, and 1979-81*; *Vital Statistics of the United States*, annual; and unpublished data.



No. 116. Expectation of Life and Expected Deaths, by Race, Sex, and Age: 1992

| AGE IN 1990<br>(years) | EXPECTATION OF LIFE IN YEARS |       |        |       |        | EXPECTED DEATHS PER 1,000 ALIVE AT SPECIFIED AGE <sup>1</sup> |          |          |          |          |
|------------------------|------------------------------|-------|--------|-------|--------|---|----------|----------|----------|----------|
|                        | Total                        | White |        | Black |        | Total   | White    |          | Black    |          |
|                        |                              | Male  | Female | Male  | Female |   | Male     | Female   | Male     | Female   |
| At birth . . . . .     | 75.8                         | 73.2  | 79.8   | 65.0  | 73.9   | 8.51  | 7.68     | 6.10     | 18.36    | 15.23    |
| 1 . . . . .            | 75.4                         | 72.8  | 79.3   | 65.2  | 74.1   | 0.62  | 0.63     | 0.46     | 1.11     | 0.88     |
| 2 . . . . .            | 74.5                         | 71.8  | 78.3   | 64.3  | 73.1   | 0.46  | 0.45     | 0.36     | 0.79     | 0.71     |
| 3 . . . . .            | 73.5                         | 70.9  | 77.3   | 63.4  | 72.2   | 0.35  | 0.34     | 0.28     | 0.60     | 0.58     |
| 4 . . . . .            | 72.5                         | 69.9  | 76.3   | 62.4  | 71.2   | 0.29  | 0.28     | 0.22     | 0.50     | 0.46     |
| 5 . . . . .            | 71.6                         | 68.9  | 75.4   | 61.4  | 70.3   | 0.25  | 0.25     | 0.19     | 0.45     | 0.37     |
| 6 . . . . .            | 70.6                         | 67.9  | 74.4   | 60.5  | 69.3   | 0.23  | 0.23     | 0.16     | 0.43     | 0.30     |
| 7 . . . . .            | 69.6                         | 66.9  | 73.4   | 59.5  | 68.3   | 0.21  | 0.22     | 0.15     | 0.40     | 0.25     |
| 8 . . . . .            | 68.6                         | 65.9  | 72.4   | 58.5  | 67.3   | 0.18  | 0.20     | 0.13     | 0.34     | 0.22     |
| 9 . . . . .            | 67.6                         | 65.0  | 71.4   | 57.5  | 66.3   | 0.16  | 0.17     | 0.12     | 0.26     | 0.20     |
| 10 . . . . .           | 66.6                         | 64.0  | 70.4   | 56.5  | 65.4   | 0.14  | 0.14     | 0.12     | 0.18     | 0.20     |
| 11 . . . . .           | 65.6                         | 63.0  | 69.4   | 55.5  | 64.4   | 0.14  | 0.15     | 0.12     | 0.17     | 0.22     |
| 12 . . . . .           | 64.6                         | 62.0  | 68.4   | 54.6  | 63.4   | 0.19  | 0.21     | 0.15     | 0.29     | 0.24     |
| 13 . . . . .           | 63.7                         | 61.0  | 67.4   | 53.6  | 62.4   | 0.30  | 0.35     | 0.20     | 0.58     | 0.28     |
| 14 . . . . .           | 62.7                         | 60.0  | 66.5   | 52.6  | 61.4   | 0.44  | 0.54     | 0.26     | 1.00     | 0.32     |
| 15 . . . . .           | 61.7                         | 59.1  | 65.5   | 51.7  | 60.4   | 0.61  | 0.76     | 0.34     | 1.46     | 0.38     |
| 16 . . . . .           | 60.7                         | 58.1  | 64.5   | 50.7  | 59.5   | 0.76  | 0.96     | 0.41     | 1.90     | 0.44     |
| 17 . . . . .           | 59.8                         | 57.2  | 63.5   | 49.8  | 58.5   | 0.88  | 1.11     | 0.46     | 2.28     | 0.51     |
| 18 . . . . .           | 58.8                         | 56.2  | 62.5   | 48.9  | 57.5   | 0.95  | 1.20     | 0.48     | 2.55     | 0.57     |
| 19 . . . . .           | 57.9                         | 55.3  | 61.6   | 48.1  | 56.6   | 0.98  | 1.25     | 0.47     | 2.75     | 0.63     |
| 20 . . . . .           | 56.9                         | 54.3  | 60.6   | 47.2  | 55.6   | 1.00  | 1.28     | 0.45     | 2.93     | 0.69     |
| 21 . . . . .           | 56.0                         | 53.4  | 59.6   | 46.3  | 54.6   | 1.03  | 1.32     | 0.44     | 3.13     | 0.76     |
| 22 . . . . .           | 55.1                         | 52.5  | 58.7   | 45.5  | 53.7   | 1.06  | 1.36     | 0.44     | 3.28     | 0.84     |
| 23 . . . . .           | 54.1                         | 51.6  | 57.7   | 44.6  | 52.7   | 1.08  | 1.39     | 0.44     | 3.37     | 0.92     |
| 24 . . . . .           | 53.2                         | 50.6  | 56.7   | 43.8  | 51.8   | 1.11  | 1.42     | 0.46     | 3.42     | 1.02     |
| 25 . . . . .           | 52.2                         | 49.7  | 55.7   | 42.9  | 50.8   | 1.13  | 1.44     | 0.48     | 3.44     | 1.12     |
| 26 . . . . .           | 51.3                         | 48.8  | 54.8   | 42.1  | 49.9   | 1.16  | 1.46     | 0.50     | 3.48     | 1.22     |
| 27 . . . . .           | 50.4                         | 47.8  | 53.8   | 41.2  | 48.9   | 1.19  | 1.51     | 0.52     | 3.56     | 1.32     |
| 28 . . . . .           | 49.4                         | 46.9  | 52.8   | 40.4  | 48.0   | 1.24  | 1.58     | 0.54     | 3.72     | 1.42     |
| 29 . . . . .           | 48.5                         | 46.0  | 51.8   | 39.5  | 47.1   | 1.31  | 1.67     | 0.57     | 3.93     | 1.51     |
| 30 . . . . .           | 47.5                         | 45.1  | 50.9   | 38.7  | 46.1   | 1.38  | 1.77     | 0.60     | 4.16     | 1.61     |
| 31 . . . . .           | 46.6                         | 44.1  | 49.9   | 37.8  | 45.2   | 1.45  | 1.87     | 0.64     | 4.40     | 1.72     |
| 32 . . . . .           | 45.7                         | 43.2  | 48.9   | 37.0  | 44.3   | 1.53  | 1.97     | 0.68     | 4.65     | 1.85     |
| 33 . . . . .           | 44.7                         | 42.3  | 48.0   | 36.2  | 43.4   | 1.61  | 2.06     | 0.73     | 4.90     | 1.99     |
| 34 . . . . .           | 43.8                         | 41.4  | 47.0   | 35.3  | 42.4   | 1.70  | 2.15     | 0.78     | 5.17     | 2.15     |
| 35 . . . . .           | 42.9                         | 40.5  | 46.0   | 34.5  | 41.5   | 1.80  | 2.25     | 0.84     | 5.46     | 2.32     |
| 36 . . . . .           | 42.0                         | 39.6  | 45.1   | 33.7  | 40.6   | 1.91  | 2.36     | 0.90     | 5.77     | 2.50     |
| 37 . . . . .           | 41.0                         | 38.7  | 44.1   | 32.9  | 39.7   | 2.01  | 2.47     | 0.97     | 6.10     | 2.68     |
| 38 . . . . .           | 40.1                         | 37.8  | 43.2   | 32.1  | 38.8   | 2.11  | 2.58     | 1.04     | 6.44     | 2.87     |
| 39 . . . . .           | 39.2                         | 36.9  | 42.2   | 31.3  | 37.9   | 2.22  | 2.69     | 1.11     | 6.80     | 3.06     |
| 40 . . . . .           | 38.3                         | 36.0  | 41.2   | 30.5  | 37.1   | 2.33  | 2.81     | 1.19     | 7.17     | 3.27     |
| 41 . . . . .           | 37.4                         | 35.1  | 40.3   | 29.7  | 36.2   | 2.47  | 2.96     | 1.28     | 7.58     | 3.49     |
| 42 . . . . .           | 36.5                         | 34.2  | 39.3   | 28.9  | 35.3   | 2.61  | 3.12     | 1.39     | 8.00     | 3.72     |
| 43 . . . . .           | 35.6                         | 33.3  | 38.4   | 28.2  | 34.4   | 2.77  | 3.29     | 1.52     | 8.46     | 3.94     |
| 44 . . . . .           | 34.7                         | 32.4  | 37.5   | 27.4  | 33.6   | 2.94  | 3.48     | 1.67     | 8.95     | 4.16     |
| 45 . . . . .           | 33.8                         | 31.5  | 36.5   | 26.7  | 32.7   | 3.14  | 3.71     | 1.83     | 9.48     | 4.41     |
| 46 . . . . .           | 32.9                         | 30.6  | 35.6   | 25.9  | 31.9   | 3.36  | 3.97     | 2.01     | 10.06    | 4.69     |
| 47 . . . . .           | 32.0                         | 29.7  | 34.7   | 25.2  | 31.0   | 3.63  | 4.27     | 2.23     | 10.63    | 5.02     |
| 48 . . . . .           | 31.1                         | 28.8  | 33.7   | 24.4  | 30.2   | 3.94  | 4.61     | 2.47     | 11.18    | 5.41     |
| 49 . . . . .           | 30.2                         | 28.0  | 32.8   | 23.7  | 29.3   | 4.29  | 5.01     | 2.75     | 11.75    | 5.85     |
| 50 . . . . .           | 29.3                         | 27.1  | 31.9   | 23.0  | 28.5   | 4.68  | 5.45     | 3.05     | 12.33    | 6.33     |
| 51 . . . . .           | 28.5                         | 26.3  | 31.0   | 22.3  | 27.7   | 5.11  | 5.96     | 3.39     | 13.00    | 6.85     |
| 52 . . . . .           | 27.6                         | 25.4  | 30.1   | 21.5  | 26.8   | 5.60  | 6.53     | 3.75     | 13.86    | 7.45     |
| 53 . . . . .           | 26.8                         | 24.6  | 29.2   | 20.8  | 26.0   | 6.15  | 7.18     | 4.14     | 15.00    | 8.17     |
| 54 . . . . .           | 25.9                         | 23.7  | 28.3   | 20.1  | 25.3   | 6.76  | 7.91     | 4.56     | 16.36    | 8.96     |
| 55 . . . . .           | 25.1                         | 22.9  | 27.5   | 19.5  | 24.5   | 7.43  | 8.71     | 5.01     | 17.85    | 9.84     |
| 56 . . . . .           | 24.3                         | 22.1  | 26.6   | 18.8  | 23.7   | 8.15  | 9.59     | 5.51     | 19.38    | 10.74    |
| 57 . . . . .           | 23.5                         | 21.3  | 25.7   | 18.2  | 23.0   | 8.93  | 10.57    | 6.06     | 20.92    | 11.64    |
| 58 . . . . .           | 22.7                         | 20.6  | 24.9   | 17.6  | 22.2   | 9.79  | 11.67    | 6.68     | 22.40    | 12.52    |
| 59 . . . . .           | 21.9                         | 19.8  | 24.1   | 16.9  | 21.5   | 10.71   | 12.89    | 7.36     | 23.87    | 13.40    |
| 60 . . . . .           | 21.1                         | 19.1  | 23.2   | 16.3  | 20.8   | 11.71   | 14.20    | 8.10     | 25.41    | 14.30    |
| 61 . . . . .           | 20.4                         | 18.3  | 22.4   | 15.8  | 20.1   | 12.77   | 15.60    | 8.90     | 27.08    | 15.28    |
| 62 . . . . .           | 19.7                         | 17.6  | 21.6   | 15.2  | 19.4   | 13.91   | 17.11    | 9.74     | 28.83    | 16.37    |
| 63 . . . . .           | 18.9                         | 16.9  | 20.8   | 14.6  | 18.7   | 15.12   | 18.76    | 10.63    | 30.69    | 17.61    |
| 64 . . . . .           | 18.2                         | 16.2  | 20.0   | 14.1  | 18.0   | 16.42   | 20.53    | 11.57    | 32.66    | 18.98    |
| 65 . . . . .           | 17.5                         | 15.5  | 19.3   | 13.5  | 17.4   | 17.81   | 22.43    | 12.57    | 34.68    | 20.43    |
| 70 . . . . .           | 14.2                         | 12.4  | 15.6   | 11.0  | 14.3   | 26.54   | 33.64    | 19.55    | 49.07    | 28.93    |
| 75 . . . . .           | 11.2                         | 9.6   | 12.2   | 8.9   | 11.4   | 39.26   | 50.60    | 30.19    | 65.43    | 38.70    |
| 80 . . . . .           | 8.5                          | 7.2   | 9.2    | 6.8   | 8.6    | 59.53   | 77.27    | 48.24    | 89.10    | 55.92    |
| 85 and over . . . . .  | 6.2                          | 5.3   | 6.6    | 5.1   | 6.3    | 1,000.00  | 1,000.00 | 1,000.00 | 1,000.00 | 1,000.00 |

<sup>1</sup> Based on the proportion of the cohort who are alive at the beginning of an indicated age interval who will die before reaching the end of that interval. For example, out of every 1,000 people alive and exactly 50 years old at the beginning of the period, between 4 and 5 (4.86) will die before reaching their 51st birthdays.

Source: U.S. National Center for Health Statistics, *Vital Statistics of the United States*, annual; and unpublished data.

### No. 117. Deaths and Death Rates, by Sex and Race: 1970 to 1993

[Rates are per 1,000 population for specified groups. Excludes deaths of nonresidents of the United States and fetal deaths. For explanation of age-adjustment, see text, section 2. The standard population for this table is the total population of the United States enumerated in 1940. See Appendix III. See also *Historical Statistics, Colonial Times to 1970*, series B 167-173 and B 181-192]

| SEX AND RACE  | 1970         | 1980         | 1984         | 1985         | 1986         | 1987         | 1988         | 1989         | 1990         | 1991         | 1992         | 1993         |
|---|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
| <b>Deaths<sup>1</sup> (1,000)</b> . . . . .           | <b>1,921</b> | <b>1,990</b> | <b>2,039</b> | <b>2,086</b> | <b>2,105</b> | <b>2,123</b> | <b>2,168</b> | <b>2,150</b> | <b>2,148</b> | <b>2,170</b> | <b>2,176</b> | <b>2,268</b> |
| Male <sup>1</sup> (1,000) . . . . .                   | 1,078        | 1,075        | 1,077        | 1,098        | 1,104        | 1,108        | 1,126        | 1,114        | 1,113        | 1,122        | 1,122        | 1,167        |
| Female <sup>1</sup> (1,000) . . . . .                 | 843          | 915          | 963          | 989          | 1,001        | 1,015        | 1,042        | 1,036        | 1,035        | 1,048        | 1,053        | 1,101        |
| White (1,000) . . . . .                               | 1,682        | 1,739        | 1,782        | 1,819        | 1,831        | 1,843        | 1,877        | 1,854        | 1,853        | 1,869        | 1,874        | 1,951        |
| Male (1,000) . . . . .                                | 942          | 934          | 935          | 950          | 953          | 953          | 965          | 951          | 951          | 956          | 957          | 994          |
| Female (1,000) . . . . .                              | 740          | 805          | 847          | 869          | 879          | 890          | 911          | 903          | 902          | 912          | 917          | 957          |
| Black (1,000) . . . . .                               | 226          | 233          | 236          | 244          | 250          | 255          | 264          | 268          | 266          | 270          | 269          | 281          |
| Male (1,000) . . . . .                                | 128          | 130          | 129          | 134          | 137          | 140          | 144          | 146          | 145          | 147          | 147          | 153          |
| Female (1,000) . . . . .                              | 98           | 103          | 107          | 111          | 113          | 115          | 120          | 121          | 120          | 122          | 123          | 128          |
| <b>Death rates<sup>1</sup></b> . . . . .              | <b>9.5</b>   | <b>8.8</b>   | <b>8.6</b>   | <b>8.8</b>   | <b>8.8</b>   | <b>8.8</b>   | <b>8.8</b>   | <b>8.7</b>   | <b>8.6</b>   | <b>8.6</b>   | <b>8.5</b>   | <b>8.8</b>   |
| Male <sup>1</sup> . . . . .                           | 10.9         | 9.8          | 9.4          | 9.5          | 9.4          | 9.4          | 9.5          | 9.3          | 9.2          | 9.1          | 9.0          | 9.3          |
| Female <sup>1</sup> . . . . .                         | 8.1          | 7.9          | 7.9          | 8.1          | 8.1          | 8.2          | 8.3          | 8.2          | 8.1          | 8.1          | 8.1          | 8.3          |
| White . . . . .                                       | 9.5          | 8.9          | 8.9          | 9.0          | 9.0          | 9.0          | 9.1          | 8.9          | 8.9          | 8.9          | 8.8          | 9.1          |
| Male . . . . .  | 10.9         | 9.8          | 9.5          | 9.6          | 9.6          | 9.5          | 9.6          | 9.4          | 9.3          | 9.3          | 9.2          | 9.4          |
| Female . . . . .                                      | 8.1          | 8.1          | 8.2          | 8.4          | 8.4          | 8.5          | 8.7          | 8.5          | 8.5          | 8.5          | 8.4          | 8.7          |
| Black . . . . .                                       | 10.0         | 8.8          | 8.4          | 8.5          | 8.6          | 8.7          | 8.9          | 8.9          | 8.8          | 8.6          | 8.5          | 8.7          |
| Male . . . . .  | 11.9         | 10.3         | 9.7          | 9.9          | 10.0         | 10.1         | 10.3         | 10.3         | 10.1         | 10.0         | 9.8          | 10.0         |
| Female . . . . .                                      | 8.3          | 7.3          | 7.2          | 7.3          | 7.4          | 7.5          | 7.6          | 7.6          | 7.5          | 7.4          | 7.4          | 7.6          |
| <b>Age-adjusted death rates<sup>1</sup></b> . . . . . | <b>7.1</b>   | <b>5.9</b>   | <b>5.5</b>   | <b>5.5</b>   | <b>5.4</b>   | <b>5.4</b>   | <b>5.4</b>   | <b>5.3</b>   | <b>5.2</b>   | <b>5.1</b>   | <b>5.0</b>   | <b>5.1</b>   |
| Male <sup>1</sup> . . . . .                           | 9.3          | 7.8          | 7.2          | 7.2          | 7.2          | 7.1          | 7.1          | 6.9          | 6.8          | 6.7          | 6.6          | 6.7          |
| Female <sup>1</sup> . . . . .                         | 5.3          | 4.3          | 4.1          | 4.1          | 4.1          | 4.0          | 4.1          | 4.0          | 3.9          | 3.9          | 3.8          | 3.9          |
| White . . . . .                                       | 6.8          | 5.6          | 5.3          | 5.2          | 5.2          | 5.1          | 5.1          | 5.0          | 4.9          | 4.9          | 4.8          | 4.9          |
| Male . . . . .  | 8.9          | 7.5          | 6.9          | 6.9          | 6.8          | 6.7          | 6.7          | 6.5          | 6.4          | 6.3          | 6.2          | 6.3          |
| Female . . . . .                                      | 5.0          | 4.1          | 3.9          | 3.9          | 3.9          | 3.8          | 3.9          | 3.8          | 3.7          | 3.7          | 3.6          | 3.7          |
| Black . . . . .                                       | 10.4         | 8.4          | 7.8          | 7.9          | 8.0          | 8.0          | 8.1          | 8.1          | 7.9          | 7.8          | 7.7          | 7.9          |
| Male . . . . .  | 13.2         | 11.1         | 10.4         | 10.5         | 10.6         | 10.6         | 10.8         | 10.8         | 10.6         | 10.5         | 10.3         | 10.5         |
| Female . . . . .                                      | 8.1          | 6.3          | 5.9          | 5.9          | 5.9          | 5.9          | 6.0          | 5.9          | 5.8          | 5.8          | 5.7          | 5.8          |

<sup>1</sup> Includes other races, not shown separately.

Source: U.S. National Center for Health Statistics, *Vital Statistics of the United States*, annual; and *Monthly Vital Statistics Report*.

### No. 118. Death Rates, by Age, Sex, and Race: 1970 to 1993

[Number of deaths per 100,000 population in specified group. See headnote, table 117]

| SEX, YEAR, AND RACE         | All ages <sup>1</sup> | Under 1 yr. old | 1-4 yr. old | 5-14 yr. old | 15-24 yr. old | 25-34 yr. old | 35-44 yr. old | 45-54 yr. old | 55-64 yr. old | 65-74 yr. old | 75-84 yr. old | 85 yr. old and over |
|-----------------------------|-----------------------|-----------------|-------------|--------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------------|
| <b>MALE<sup>2</sup></b>     |                       |                 |             |              |               |               |               |               |               |               |               |                     |
| 1970 . . . . .              | 1,090                 | 2,410           | 93          | 51           | 189           | 215           | 403           | 959           | 2,283         | 4,874         | 10,010        | 17,822              |
| 1980 . . . . .              | 977                   | 1,429           | 73          | 37           | 172           | 196           | 299           | 767           | 1,815         | 4,105         | 8,817         | 18,801              |
| 1990 . . . . .              | 918                   | 1,083           | 52          | 29           | 147           | 204           | 310           | 610           | 1,553         | 3,492         | 7,889         | 18,057              |
| 1992 <sup>3</sup> . . . . . | 902                   | 957             | 48          | 27           | 142           | 202           | 319           | 592           | 1,482         | 3,374         | 7,483         | 17,740              |
| 1993 <sup>3</sup> . . . . . | 927                   | 965             | 49          | 27           | 144           | 211           | 328           | 603           | 1,480         | 3,415         | 7,720         | 18,099              |
| White: 1970 . . . . .       | 1,087                 | 2,113           | 84          | 48           | 171           | 177           | 344           | 883           | 2,203         | 4,810         | 10,099        | 18,552              |
| 1980 . . . . .              | 983                   | 1,230           | 66          | 35           | 167           | 171           | 257           | 699           | 1,729         | 4,036         | 8,830         | 19,097              |
| 1990 . . . . .              | 931                   | 896             | 46          | 26           | 131           | 176           | 268           | 549           | 1,467         | 3,398         | 7,845         | 18,268              |
| 1992 <sup>3</sup> . . . . . | 917                   | 781             | 43          | 25           | 122           | 176           | 277           | 533           | 1,399         | 3,287         | 7,441         | 17,956              |
| 1993 <sup>3</sup> . . . . . | 944                   | 795             | 44          | 26           | 122           | 186           | 282           | 541           | 1,391         | 3,335         | 7,672         | 18,229              |
| Black: 1970 . . . . .       | 1,187                 | 4,299           | 151         | 67           | 321           | 560           | 957           | 1,778         | 3,257         | 5,803         | 9,455         | 12,222              |
| 1980 . . . . .              | 1,034                 | 2,587           | 111         | 47           | 209           | 407           | 690           | 1,480         | 2,873         | 5,131         | 9,232         | 16,099              |
| 1990 . . . . .              | 1,008                 | 2,112           | 86          | 41           | 252           | 431           | 700           | 1,261         | 2,618         | 4,946         | 9,130         | 16,955              |
| 1992 <sup>3</sup> . . . . . | 978                   | 1,958           | 78          | 41           | 269           | 413           | 697           | 1,223         | 2,494         | 4,747         | 8,745         | 16,717              |
| 1993 <sup>3</sup> . . . . . | 1,005                 | 1,962           | 77          | 35           | 283           | 410           | 732           | 1,277         | 2,538         | 4,761         | 8,969         | 18,169              |
| <b>FEMALE<sup>2</sup></b>   |                       |                 |             |              |               |               |               |               |               |               |               |                     |
| 1970 . . . . .              | 808                   | 1,864           | 75          | 32           | 68            | 102           | 231           | 517           | 1,099         | 2,580         | 6,678         | 15,518              |
| 1980 . . . . .              | 785                   | 1,142           | 55          | 24           | 58            | 76            | 159           | 413           | 934           | 2,145         | 5,440         | 14,747              |
| 1990 . . . . .              | 812                   | 856             | 41          | 19           | 49            | 74            | 138           | 343           | 879           | 1,991         | 4,883         | 14,274              |
| 1992 <sup>3</sup> . . . . . | 807                   | 771             | 39          | 18           | 47            | 74            | 141           | 326           | 855           | 1,971         | 4,731         | 13,901              |
| 1993 <sup>3</sup> . . . . . | 834                   | 727             | 40          | 20           | 49            | 74            | 144           | 333           | 864           | 2,009         | 4,826         | 14,512              |
| White: 1970 . . . . .       | 813                   | 1,615           | 66          | 30           | 62            | 84            | 193           | 463           | 1,015         | 2,471         | 6,699         | 15,980              |
| 1980 . . . . .              | 806                   | 963             | 49          | 23           | 56            | 65            | 138           | 373           | 876           | 2,067         | 5,402         | 14,980              |
| 1990 . . . . .              | 847                   | 690             | 36          | 18           | 46            | 62            | 117           | 309           | 823           | 1,924         | 4,839         | 14,401              |
| 1992 <sup>3</sup> . . . . . | 844                   | 619             | 33          | 16           | 44            | 61            | 117           | 294           | 799           | 1,909         | 4,696         | 14,016              |
| 1993 <sup>3</sup> . . . . . | 874                   | 611             | 35          | 18           | 45            | 63            | 117           | 296           | 810           | 1,929         | 4,788         | 14,669              |
| Black: 1970 . . . . .       | 829                   | 3,369           | 129         | 44           | 112           | 231           | 533           | 1,044         | 1,986         | 3,861         | 6,692         | 10,707              |
| 1980 . . . . .              | 733                   | 2,124           | 84          | 31           | 71            | 150           | 324           | 768           | 1,561         | 3,057         | 6,212         | 12,367              |
| 1990 . . . . .              | 748                   | 1,736           | 68          | 28           | 69            | 160           | 299           | 639           | 1,453         | 2,866         | 5,688         | 13,310              |
| 1992 <sup>3</sup> . . . . . | 736                   | 1,610           | 69          | 26           | 68            | 159           | 314           | 621           | 1,405         | 2,797         | 5,483         | 13,264              |
| 1993 <sup>3</sup> . . . . . | 758                   | 1,418           | 64          | 31           | 72            | 147           | 332           | 659           | 1,393         | 2,968         | 5,650         | 13,634              |

<sup>1</sup> Includes unknown age.

<sup>2</sup> Includes other races not shown separately.

<sup>3</sup> Includes deaths of nonresidents. Based on a 10-percent sample of deaths.

Source: U.S. National Center for Health Statistics, *Vital Statistics of the United States*, annual; *Monthly Vital Statistics Report*; and unpublished data.

## No. 119. Deaths and Death Rates, by State: 1980 to 1993

[By State of residence. Excludes deaths of nonresidents of the United States, except as noted. Caution should be used in comparing death rates by State; rates are affected by the population composition of the area. See also Appendix III]

| DIVISION AND STATE                  | NUMBER OF DEATHS (1,000) |              |              |              |              |              |                             | RATE PER 1,000 POPULATION <sup>2</sup> |            |            |            |            |            |                             |
|-------------------------------------|--------------------------|--------------|--------------|--------------|--------------|--------------|-----------------------------|--|------------|------------|------------|------------|------------|-----------------------------|
|                                     | 1980                     | 1985         | 1989         | 1990         | 1991         | 1992         | 1993,<br>prel. <sup>1</sup> | 1980                                   | 1985       | 1989       | 1990       | 1991       | 1992       | 1993,<br>prel. <sup>1</sup> |
| <b>United States . . .</b>          | <b>1,990</b>             | <b>2,086</b> | <b>2,150</b> | <b>2,148</b> | <b>2,165</b> | <b>2,176</b> | <b>2,268</b>                | <b>8.8</b>                             | <b>8.8</b> | <b>8.7</b> | <b>8.6</b> | <b>8.6</b> | <b>8.5</b> | <b>8.8</b>                  |
| <b>New England . . . . .</b>        | <b>115</b>               | <b>118</b>   | <b>116</b>   | <b>115</b>   | <b>112</b>   | <b>116</b>   | <b>120</b>                  | <b>9.3</b>                             | <b>9.3</b> | <b>8.8</b> | <b>8.7</b> | <b>8.5</b> | <b>8.8</b> | <b>9.1</b>                  |
| Maine . . . . .                     | 11                       | 11           | 11           | 11           | 11           | 11           | 11                          | 9.6                                    | 9.8        | 9.2        | 9.0        | 8.9        | 9.0        | 9.3                         |
| New Hampshire . . . . .             | 8                        | 8            | 8            | 8            | 9            | 9            | 9                           | 8.3                                    | 8.5        | 7.7        | 7.7        | 7.7        | 7.7        | 7.9                         |
| Vermont . . . . .                   | 5                        | 5            | 5            | 5            | 5            | 5            | 5                           | 9.0                                    | 8.8        | 8.2        | 8.2        | 8.0        | 8.4        | 8.5                         |
| Massachusetts . . . . .             | 55                       | 56           | 54           | 53           | 51           | 54           | 56                          | 9.6                                    | 9.5        | 9.0        | 8.8        | 8.6        | 9.0        | 9.4                         |
| Rhode Island . . . . .              | 9                        | 10           | 10           | 10           | 9            | 9            | 10                          | 9.8                                    | 10.0       | 9.6        | 9.5        | 9.2        | 9.5        | 9.7                         |
| Connecticut . . . . .               | 27                       | 28           | 28           | 28           | 28           | 28           | 29                          | 8.8                                    | 8.8        | 8.6        | 8.4        | 8.4        | 8.6        | 8.9                         |
| <b>Middle Atlantic . . . . .</b>    | <b>365</b>               | <b>367</b>   | <b>367</b>   | <b>361</b>   | <b>360</b>   | <b>361</b>   | <b>370</b>                  | <b>9.9</b>                             | <b>9.9</b> | <b>9.8</b> | <b>9.6</b> | <b>9.5</b> | <b>9.5</b> | <b>9.7</b>                  |
| New York . . . . .                  | 173                      | 172          | 172          | 169          | 167          | 166          | 170                         | 9.8                                    | 9.7        | 9.5        | 9.4        | 9.2        | 9.2        | 9.4                         |
| New Jersey . . . . .                | 69                       | 71           | 71           | 70           | 70           | 71           | 73                          | 9.4                                    | 9.4        | 9.2        | 9.1        | 9.0        | 9.1        | 9.2                         |
| Pennsylvania . . . . .              | 124                      | 124          | 124          | 122          | 124          | 124          | 127                         | 10.4                                   | 10.5       | 10.4       | 10.3       | 10.3       | 10.3       | 10.5                        |
| <b>East North Central . . . . .</b> | <b>365</b>               | <b>370</b>   | <b>372</b>   | <b>373</b>   | <b>379</b>   | <b>373</b>   | <b>387</b>                  | <b>8.8</b>                             | <b>8.9</b> | <b>8.9</b> | <b>8.9</b> | <b>8.9</b> | <b>8.7</b> | <b>9.0</b>                  |
| Ohio . . . . .                      | 98                       | 99           | 98           | 99           | 99           | 99           | 101                         | 9.1                                    | 9.2        | 9.1        | 9.1        | 9.1        | 9.0        | 9.1                         |
| Indiana . . . . .                   | 47                       | 48           | 49           | 50           | 52           | 50           | 52                          | 8.6                                    | 8.8        | 8.9        | 8.9        | 9.2        | 8.8        | 9.1                         |
| Illinois . . . . .                  | 103                      | 102          | 103          | 103          | 105          | 102          | 108                         | 9.0                                    | 9.0        | 9.1        | 9.0        | 9.1        | 8.8        | 9.2                         |
| Michigan . . . . .                  | 75                       | 79           | 79           | 79           | 80           | 79           | 83                          | 8.1                                    | 8.7        | 8.5        | 8.5        | 8.5        | 8.4        | 8.7                         |
| Wisconsin . . . . .                 | 41                       | 41           | 42           | 43           | 44           | 42           | 44                          | 8.7                                    | 8.7        | 8.7        | 8.7        | 8.8        | 8.5        | 8.7                         |
| <b>West North Central . . . . .</b> | <b>159</b>               | <b>162</b>   | <b>161</b>   | <b>161</b>   | <b>164</b>   | <b>162</b>   | <b>172</b>                  | <b>9.2</b>                             | <b>9.3</b> | <b>9.2</b> | <b>9.1</b> | <b>9.2</b> | <b>9.0</b> | <b>9.5</b>                  |
| Minnesota . . . . .                 | 33                       | 35           | 34           | 35           | 35           | 35           | 36                          | 8.2                                    | 8.3        | 7.9        | 7.9        | 8.0        | 7.8        | 8.0                         |
| Iowa . . . . .                      | 27                       | 28           | 27           | 27           | 26           | 27           | 28                          | 9.3                                    | 9.8        | 9.8        | 9.7        | 9.3        | 9.5        | 9.9                         |
| Missouri . . . . .                  | 50                       | 50           | 50           | 50           | 53           | 51           | 56                          | 10.1                                   | 10.1       | 9.9        | 9.8        | 10.4       | 9.8        | 10.8                        |
| North Dakota . . . . .              | 6                        | 6            | 6            | 6            | 6            | 6            | 6                           | 8.6                                    | 8.3        | 8.5        | 8.9        | 8.9        | 9.0        | 9.3                         |
| South Dakota . . . . .              | 7                        | 7            | 7            | 6            | 7            | 7            | 7                           | 9.5                                    | 9.5        | 9.4        | 9.1        | 9.4        | 9.5        | 9.6                         |
| Nebraska . . . . .                  | 14                       | 15           | 15           | 15           | 15           | 15           | 15                          | 9.2                                    | 9.4        | 9.4        | 9.4        | 9.2        | 9.2        | 9.6                         |
| Kansas . . . . .                    | 22                       | 22           | 22           | 22           | 23           | 22           | 23                          | 9.3                                    | 9.1        | 9.0        | 9.0        | 9.0        | 8.8        | 9.2                         |
| <b>South Atlantic . . . . .</b>     | <b>330</b>               | <b>364</b>   | <b>391</b>   | <b>392</b>   | <b>397</b>   | <b>404</b>   | <b>424</b>                  | <b>8.9</b>                             | <b>9.1</b> | <b>9.1</b> | <b>9.0</b> | <b>8.9</b> | <b>9.0</b> | <b>9.3</b>                  |
| Delaware . . . . .                  | 5                        | 5            | 6            | 6            | 6            | 6            | 6                           | 8.5                                    | 8.9        | 8.9        | 8.7        | 8.6        | 8.6        | 8.7                         |
| Maryland . . . . .                  | 34                       | 37           | 38           | 38           | 38           | 39           | 43                          | 8.1                                    | 8.3        | 8.1        | 8.0        | 7.8        | 7.9        | 8.7                         |
| Dist. of Columbia . . . . .         | 7                        | 7            | 8            | 7            | 7            | 7            | 7                           | 11.1                                   | 11.0       | 12.3       | 12.0       | 11.7       | 12.1       | 11.6                        |
| Virginia . . . . .                  | 43                       | 45           | 47           | 48           | 49           | 49           | 52                          | 8.0                                    | 7.9        | 7.7        | 7.8        | 7.8        | 7.7        | 8.0                         |
| West Virginia . . . . .             | 19                       | 19           | 20           | 19           | 20           | 20           | 20                          | 9.9                                    | 10.2       | 10.8       | 10.8       | 11.0       | 10.9       | 11.0                        |
| North Carolina . . . . .            | 48                       | 53           | 57           | 57           | 59           | 60           | 63                          | 8.2                                    | 8.5        | 8.8        | 8.6        | 8.7        | 8.7        | 9.0                         |
| South Carolina . . . . .            | 25                       | 27           | 30           | 30           | 30           | 31           | 31                          | 8.1                                    | 8.2        | 8.6        | 8.5        | 8.4        | 8.5        | 8.6                         |
| Georgia . . . . .                   | 44                       | 49           | 52           | 52           | 53           | 53           | 56                          | 8.1                                    | 8.2        | 8.2        | 8.0        | 8.0        | 7.8        | 8.1                         |
| Florida . . . . .                   | 105                      | 121          | 133          | 134          | 135          | 140          | 146                         | 10.7                                   | 10.7       | 10.5       | 10.4       | 10.2       | 10.4       | 10.7                        |
| <b>East South Central . . . . .</b> | <b>134</b>               | <b>140</b>   | <b>145</b>   | <b>146</b>   | <b>144</b>   | <b>146</b>   | <b>155</b>                  | <b>9.1</b>                             | <b>9.4</b> | <b>9.6</b> | <b>9.6</b> | <b>9.4</b> | <b>9.4</b> | <b>9.8</b>                  |
| Kentucky . . . . .                  | 34                       | 35           | 35           | 35           | 35           | 35           | 37                          | 9.2                                    | 9.4        | 9.6        | 9.5        | 9.5        | 9.3        | 9.7                         |
| Tennessee . . . . .                 | 41                       | 43           | 45           | 46           | 45           | 47           | 50                          | 8.9                                    | 9.2        | 9.4        | 9.5        | 9.2        | 9.3        | 9.7                         |
| Alabama . . . . .                   | 36                       | 38           | 39           | 39           | 38           | 39           | 42                          | 9.1                                    | 9.5        | 9.7        | 9.7        | 9.3        | 9.5        | 9.9                         |
| Mississippi . . . . .               | 24                       | 25           | 25           | 25           | 26           | 25           | 27                          | 9.4                                    | 9.5        | 9.9        | 9.8        | 9.9        | 9.7        | 10.1                        |
| <b>West South Central . . . . .</b> | <b>195</b>               | <b>209</b>   | <b>217</b>   | <b>218</b>   | <b>222</b>   | <b>222</b>   | <b>235</b>                  | <b>8.2</b>                             | <b>8.0</b> | <b>8.2</b> | <b>8.2</b> | <b>8.2</b> | <b>8.1</b> | <b>8.4</b>                  |
| Arkansas . . . . .                  | 23                       | 24           | 25           | 25           | 24           | 25           | 26                          | 9.9                                    | 10.4       | 10.5       | 10.5       | 10.2       | 10.4       | 10.9                        |
| Louisiana . . . . .                 | 36                       | 37           | 38           | 38           | 38           | 38           | 40                          | 8.5                                    | 8.4        | 8.9        | 8.9        | 9.0        | 8.8        | 9.3                         |
| Oklahoma . . . . .                  | 28                       | 30           | 30           | 30           | 30           | 31           | 33                          | 9.3                                    | 9.1        | 9.5        | 9.7        | 9.6        | 9.5        | 10.1                        |
| Texas . . . . .                     | 108                      | 118          | 125          | 125          | 129          | 129          | 136                         | 7.6                                    | 7.3        | 7.4        | 7.4        | 7.4        | 7.3        | 7.5                         |
| <b>Mountain . . . . .</b>           | <b>80</b>                | <b>88</b>    | <b>95</b>    | <b>97</b>    | <b>99</b>    | <b>103</b>   | <b>108</b>                  | <b>7.0</b>                             | <b>6.9</b> | <b>7.1</b> | <b>7.1</b> | <b>7.1</b> | <b>7.2</b> | <b>7.3</b>                  |
| Montana . . . . .                   | 7                        | 7            | 7            | 7            | 7            | 7            | 8                           | 8.5                                    | 8.2        | 8.4        | 8.6        | 8.7        | 8.6        | 8.9                         |
| Idaho . . . . .                     | 7                        | 7            | 7            | 7            | 8            | 8            | 8                           | 7.2                                    | 7.2        | 7.5        | 7.4        | 7.5        | 7.4        | 7.6                         |
| Wyoming . . . . .                   | 3                        | 3            | 3            | 3            | 3            | 3            | 4                           | 6.9                                    | 6.6        | 7.1        | 7.1        | 6.9        | 7.1        | 7.5                         |
| Colorado . . . . .                  | 19                       | 20           | 21           | 22           | 22           | 22           | 24                          | 6.6                                    | 6.3        | 6.5        | 6.6        | 6.6        | 6.5        | 6.7                         |
| New Mexico . . . . .                | 9                        | 10           | 11           | 11           | 11           | 11           | 12                          | 7.0                                    | 6.8        | 7.0        | 7.0        | 7.2        | 7.1        | 7.3                         |
| Arizona . . . . .                   | 21                       | 25           | 28           | 29           | 29           | 31           | 32                          | 7.9                                    | 7.7        | 7.8        | 7.9        | 7.8        | 8.1        | 8.2                         |
| Utah . . . . .                      | 8                        | 9            | 9            | 9            | 9            | 10           | 10                          | 5.6                                    | 5.5        | 5.4        | 5.3        | 5.2        | 5.4        | 5.5                         |
| Nevada . . . . .                    | 6                        | 7            | 9            | 9            | 9            | 10           | 11                          | 7.4                                    | 7.6        | 7.6        | 7.8        | 7.2        | 7.7        | 7.8                         |
| <b>Pacific . . . . .</b>            | <b>247</b>               | <b>268</b>   | <b>286</b>   | <b>286</b>   | <b>290</b>   | <b>289</b>   | <b>296</b>                  | <b>7.8</b>                             | <b>7.6</b> | <b>7.5</b> | <b>7.3</b> | <b>7.3</b> | <b>7.1</b> | <b>7.2</b>                  |
| Washington . . . . .                | 32                       | 35           | 36           | 37           | 38           | 38           | 42                          | 7.7                                    | 7.8        | 7.6        | 7.6        | 7.5        | 7.4        | 8.0                         |
| Oregon . . . . .                    | 22                       | 24           | 25           | 25           | 25           | 26           | 27                          | 8.3                                    | 8.9        | 8.9        | 8.8        | 8.6        | 8.7        | 9.0                         |
| California . . . . .                | 187                      | 202          | 217          | 214          | 219          | 216          | 218                         | 7.9                                    | 7.6        | 7.4        | 7.2        | 7.2        | 7.0        | 7.0                         |
| Alaska . . . . .                    | 2                        | 2            | 2            | 2            | 2            | 2            | 2                           | 4.3                                    | 3.9        | 3.8        | 4.0        | 3.8        | 3.9        | 3.8                         |
| Hawaii . . . . .                    | 5                        | 6            | 7            | 7            | 7            | 7            | 7                           | 5.2                                    | 5.6        | 5.9        | 6.1        | 5.9        | 6.0        | 6.2                         |

<sup>1</sup> Includes deaths of nonresidents. <sup>2</sup> Rates based on enumerated resident population as of April 1 for 1980; and 1990; estimated resident population as of July 1 for all other years.

Source: U.S. National Center for Health Statistics, *Vital Statistics of the United States*, annual; and *Monthly Vital Statistics Report*.

### No. 120. Infant, Maternal, and Neonatal Mortality Rates and Fetal Mortality Ratios, by Race: 1970 to 1992

[Deaths per 1,000 live births, except as noted. Excludes deaths of nonresidents of U.S. Beginning 1980, race for live births tabulated according to race of mother, for infant and neonatal mortality rates. Beginning 1989, race for live births tabulated according to race of mother, for maternal mortality rates and mortality rates. See also Appendix III and *Historical Statistics, Colonial Times to 1970*, series B 136-147]

| ITEM                                | 1970        | 1980        | 1982        | 1983        | 1984        | 1985        | 1986        | 1987        | 1988        | 1989       | 1990       | 1991       | 1992        |
|-------------------------------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|------------|------------|------------|-------------|
| <b>Infant deaths</b> <sup>1</sup>   | <b>20.0</b> | <b>12.6</b> | <b>11.5</b> | <b>11.2</b> | <b>10.8</b> | <b>10.6</b> | <b>10.4</b> | <b>10.1</b> | <b>10.0</b> | <b>9.8</b> | <b>9.2</b> | <b>8.9</b> | <b>8.5</b>  |
| White                               | 17.8        | 10.9        | 9.9         | 9.6         | 9.3         | 9.2         | 8.8         | 8.5         | 8.4         | 8.1        | 7.6        | 7.3        | 6.9         |
| Black and other                     | 30.9        | 20.2        | 18.3        | 17.8        | 17.1        | 16.8        | 16.7        | 16.5        | 16.1        | 16.3       | 15.5       | 15.1       | 14.4        |
| Black                               | 32.6        | 22.2        | 20.5        | 20.0        | 19.2        | 19.0        | 18.9        | 18.8        | 18.5        | 18.6       | 18.0       | 17.6       | 16.8        |
| <b>Maternal deaths</b> <sup>2</sup> | <b>21.5</b> | <b>9.2</b>  | <b>7.9</b>  | <b>8.0</b>  | <b>7.8</b>  | <b>7.8</b>  | <b>7.2</b>  | <b>6.6</b>  | <b>8.4</b>  | <b>7.9</b> | <b>8.2</b> | <b>7.9</b> | <b>7.8</b>  |
| White                               | 14.4        | 6.7         | 5.8         | 5.9         | 5.4         | 5.2         | 4.9         | 5.1         | 5.9         | 5.6        | 5.4        | 5.8        | 5.0         |
| Black and other                     | 55.9        | 19.8        | 16.4        | 16.3        | 16.9        | 18.1        | 16.0        | 12.0        | 17.4        | 16.5       | 19.1       | 15.6       | 18.2        |
| Black                               | 59.8        | 21.5        | 18.2        | 18.3        | 19.7        | 20.4        | 18.8        | 14.2        | 19.5        | 18.4       | 22.4       | 18.3       | 20.8        |
| <b>Fetal deaths</b> <sup>3</sup>    | <b>14.2</b> | <b>9.2</b>  | <b>8.9</b>  | <b>8.5</b>  | <b>8.2</b>  | <b>7.9</b>  | <b>7.7</b>  | <b>7.7</b>  | <b>7.5</b>  | <b>7.5</b> | <b>7.5</b> | <b>7.3</b> | <b>(NA)</b> |
| White                               | 12.4        | 8.2         | 7.9         | 7.5         | 7.4         | 7.0         | 6.8         | 6.7         | 6.4         | 6.4        | 6.4        | 6.2        | (NA)        |
| Black and other                     | 22.6        | 13.4        | 12.7        | 12.4        | 11.5        | 11.3        | 11.2        | 11.5        | 11.4        | 11.7       | 11.9       | 11.4       | (NA)        |
| <b>Neonatal deaths</b> <sup>4</sup> | <b>15.1</b> | <b>8.5</b>  | <b>7.7</b>  | <b>7.3</b>  | <b>7.0</b>  | <b>7.0</b>  | <b>6.7</b>  | <b>6.5</b>  | <b>6.3</b>  | <b>6.2</b> | <b>5.8</b> | <b>5.6</b> | <b>5.4</b>  |
| White                               | 13.8        | 7.4         | 6.7         | 6.3         | 6.1         | 6.0         | 5.7         | 5.4         | 5.3         | 5.1        | 4.8        | 4.5        | 4.3         |
| Black and other                     | 21.4        | 13.2        | 12.0        | 11.4        | 10.9        | 11.0        | 10.8        | 10.7        | 10.3        | 10.3       | 9.9        | 9.5        | 9.2         |
| Black                               | 22.8        | 14.6        | 13.6        | 12.9        | 12.3        | 12.6        | 12.3        | 12.3        | 12.1        | 11.9       | 11.6       | 11.2       | 10.8        |

NA Not available. <sup>1</sup> Represents deaths of infants under 1 year old, exclusive of fetal deaths. <sup>2</sup> Per 100,000 live births from deliveries and complications of pregnancy, childbirth, and the puerperium. Beginning 1979, deaths are classified according to the ninth revision of the *International Classification of Diseases*; earlier years classified according to the revision in use at the time; see text, section 2. <sup>3</sup> Includes only those deaths with stated or presumed period of gestation of 20 weeks or more. <sup>4</sup> Represents deaths of infants under 28 days old, exclusive of fetal deaths.

### No. 121. Fetal and Infant Deaths—Number and Percent Distribution: 1970 to 1991

[State requirements for reporting of fetal deaths vary. Most States require reporting of fetal deaths of gestations of 20 weeks or more. There is substantial evidence that not all fetal deaths for which reporting is required are reported. For details of methodology, see Appendix III and source]

| YEAR | NUMBER  |                    |                   |               |                             | PERCENT DISTRIBUTION |                    |                   |               |                             |                    |                   |
|------|---------|--------------------|-------------------|---------------|-----------------------------|----------------------|--------------------|-------------------|---------------|-----------------------------|--------------------|-------------------|
|      | Total   | Fetal deaths       |                   | Infant deaths |                             | Total                | Fetal deaths       |                   | Infant deaths |                             |                    |                   |
|      |         | Early <sup>1</sup> | Late <sup>2</sup> | Neonatal      | Post-neo-natal <sup>5</sup> |                      | Early <sup>1</sup> | Late <sup>2</sup> | Neonatal      | Post-neo-natal <sup>5</sup> |                    |                   |
|      |         |                    |                   |               |                             |                      |                    |                   |               |                             | Early <sup>3</sup> | Late <sup>4</sup> |
| 1970 | 127,628 | 17,170             | 35,791            | 50,821        | 5,458                       | 18,388               | 100.0              | 13.5              | 28.0          | 39.8                        | 4.3                | 14.4              |
| 1980 | 78,879  | 10,754             | 22,599            | 25,492        | 5,126                       | 14,908               | 100.0              | 13.6              | 28.7          | 32.3                        | 6.5                | 18.9              |
| 1981 | 75,901  | 11,126             | 21,470            | 24,384        | 4,737                       | 14,184               | 100.0              | 14.7              | 28.3          | 32.1                        | 6.2                | 18.7              |
| 1982 | 75,095  | 11,028             | 21,666            | 23,706        | 4,629                       | 14,066               | 100.0              | 14.7              | 28.9          | 31.6                        | 6.2                | 18.7              |
| 1983 | 71,379  | 10,933             | 19,819            | 22,315        | 4,122                       | 14,120               | 100.0              | 15.3              | 27.8          | 31.3                        | 5.9                | 19.8              |
| 1984 | 69,679  | 10,963             | 19,136            | 21,566        | 4,195                       | 13,889               | 100.0              | 15.7              | 27.5          | 31.0                        | 5.9                | 19.9              |
| 1985 | 69,691  | 10,958             | 18,703            | 21,865        | 4,314                       | 13,851               | 100.0              | 15.7              | 26.8          | 31.4                        | 6.2                | 19.9              |
| 1986 | 67,863  | 11,100             | 17,872            | 21,053        | 4,159                       | 13,679               | 100.0              | 16.4              | 26.3          | 31.0                        | 6.1                | 20.2              |
| 1987 | 67,757  | 11,656             | 17,693            | 20,471        | 4,156                       | 13,781               | 100.0              | 17.2              | 26.1          | 30.2                        | 6.1                | 20.3              |
| 1988 | 68,352  | 11,833             | 17,609            | 20,471        | 4,219                       | 14,220               | 100.0              | 17.3              | 25.8          | 29.9                        | 6.2                | 20.8              |
| 1989 | 70,124  | 12,397             | 18,072            | 20,796        | 4,372                       | 14,487               | 100.0              | 17.7              | 25.8          | 29.7                        | 6.2                | 20.7              |
| 1990 | 67,696  | 12,554             | 16,791            | 20,020        | 4,289                       | 14,042               | 100.0              | 18.5              | 24.8          | 29.6                        | 6.3                | 20.7              |
| 1991 | 65,000  | 12,310             | 15,924            | 18,916        | 4,062                       | 13,788               | 100.0              | 18.9              | 24.5          | 29.1                        | 6.2                | 21.2              |

<sup>1</sup> 20-27 weeks gestation. <sup>2</sup> 28 weeks or more gestation. <sup>3</sup> Less than 7 days. <sup>4</sup> 7-27 days. <sup>5</sup> 28 days-11 months.

### No. 122. Infant Deaths and Infant Mortality Rates, by Cause of Death: 1980 to 1992

[Excludes deaths of nonresidents of the United States. Deaths classified according to ninth revision of *International Classification of Diseases*. See also Appendix III]

| CAUSE OF DEATH   | NUMBER        |               |               | PERCENT DISTRIBUTION |            |            | INFANT MORTALITY RATE <sup>1</sup> |            |            |
|--|---------------|---------------|---------------|----------------------|------------|------------|------------------------------------|------------|------------|
|  | 1980          | 1990          | 1992          | 1980                 | 1990       | 1992       | 1980                               | 1990       | 1992       |
| <b>Total</b>   | <b>45,526</b> | <b>38,351</b> | <b>34,628</b> | <b>100</b>           | <b>100</b> | <b>100</b> | <b>12.6</b>                        | <b>9.2</b> | <b>8.5</b> |
| Congenital anomalies   | 9,220         | 8,239         | 7,449         | 20                   | 21         | 22         | 2.6                                | 2.0        | 1.8        |
| Sudden infant death syndrome   | 5,510         | 5,417         | 4,891         | 12                   | 14         | 14         | 1.5                                | 1.3        | 1.2        |
| Respiratory distress syndrome  | 4,989         | 2,850         | 2,063         | 11                   | 7          | 6          | 1.4                                | 0.7        | 0.5        |
| Disorders relating to short gestation and unspecified low birth weight | 3,648         | 4,013         | 4,035         | 8                    | 10         | 12         | 1.0                                | 1.0        | 1.0        |
| Newborn affected by maternal complications of pregnancy                | 1,572         | 1,655         | 1,461         | 4                    | 4          | 4          | 0.4                                | 0.4        | 0.4        |
| Intrauterine hypoxia and birth asphyxia                                | 1,497         | 762           | 613           | 3                    | 2          | 2          | 0.4                                | 0.2        | 0.2        |
| Infections specific to the perinatal period                            | 971           | 875           | 901           | 2                    | 2          | 3          | 0.3                                | 0.2        | 0.2        |
| Accidents and adverse effects  | 1,166         | 930           | 819           | 3                    | 2          | 2          | 0.3                                | 0.2        | 0.2        |
| Newborn affected by complications of placenta, cord, and membranes     | 985           | 975           | 993           | 2                    | 3          | 3          | 0.3                                | 0.2        | 0.2        |
| Pneumonia and influenza  | 1,012         | 634           | 600           | 2                    | 2          | 2          | 0.3                                | 0.2        | 0.1        |
| All other causes   | 14,956        | 12,001        | 10,803        | 33                   | 31         | 31         | 4.1                                | 2.9        | 2.7        |

<sup>1</sup> Deaths of infants under 1 year old per 1,000 live births.

Sources of tables 120-122: U.S. National Center for Health Statistics, *Vital Statistics of the United States*, annual, and *Monthly Vital Statistics Report*; and unpublished data.

**No. 123. Infant Mortality Rates, by Race—States: 1980 to 1992**

[Deaths per 1,000 live births, by place of residence. Represents deaths of infants under 1 year old, exclusive of fetal deaths. Excludes deaths of nonresidents of the United States. See Appendix III and *Historical Statistics, Colonial Times to 1970*, series B 143-147, for U.S. totals]

| DIVISION AND STATE | TOTAL <sup>1</sup> |      |      | WHITE |      | BLACK |      | DIVISION AND STATE | TOTAL <sup>1</sup> |      |      | WHITE |      | BLACK |      |
|--------------------|--------------------|------|------|-------|------|-------|------|--------------------|--------------------|------|------|-------|------|-------|------|
|                    | 1980               | 1990 | 1992 | 1990  | 1992 | 1990  | 1992 |                    | 1980               | 1990 | 1992 | 1990  | 1992 | 1990  | 1992 |
| U.S. . . . .       | 12.6               | 9.2  | 8.5  | 7.7   | 6.9  | 18.0  | 16.8 | VA. . . . .        | 13.6               | 10.2 | 9.5  | 7.5   | 6.9  | 19.5  | 17.7 |
| N.E. . . . .       | 10.5               | 7.2  | 6.8  | 6.8   | 6.0  | 14.0  | 14.9 | WV. . . . .        | 11.8               | 9.9  | 9.2  | 9.6   | 8.9  | (NA)  | (NA) |
| ME . . . . .       | 9.2                | 6.2  | 5.6  | 6.2   | 5.5  | (NA)  | (NA) | NC . . . . .       | 14.5               | 10.6 | 10.0 | 8.3   | 7.3  | 16.5  | 16.5 |
| NH . . . . .       | 9.9                | 7.1  | 5.9  | 7.2   | 5.8  | (NA)  | (NA) | SC . . . . .       | 15.6               | 11.7 | 10.4 | 8.3   | 7.1  | 17.3  | 16.0 |
| VT . . . . .       | 10.7               | 6.4  | 7.2  | 6.5   | 7.3  | (NA)  | (NA) | GA . . . . .       | 14.5               | 12.4 | 10.3 | 9.1   | 7.1  | 18.3  | 15.9 |
| MA . . . . .       | 10.5               | 7.0  | 6.5  | 6.7   | 5.8  | 11.9  | 13.4 | FL . . . . .       | 14.6               | 9.6  | 8.8  | 7.6   | 7.0  | 16.8  | 15.1 |
| RI . . . . .       | 11.0               | 8.1  | 7.4  | 8.3   | 6.9  | (NA)  | (NA) | E.S.C. . . . .     | 14.5               | 10.4 | 9.9  | 8.1   | 7.5  | 16.4  | 16.2 |
| CT . . . . .       | 11.2               | 7.9  | 7.6  | 6.6   | 6.2  | 17.6  | 17.2 | KY . . . . .       | 12.9               | 8.5  | 8.3  | 8.0   | 7.9  | 14.3  | 12.7 |
| M.A. . . . .       | 12.8               | 9.5  | 8.8  | 7.5   | 6.8  | 18.7  | 17.5 | TN . . . . .       | 13.5               | 10.3 | 9.4  | 8.0   | 7.0  | 17.9  | 17.4 |
| NY . . . . .       | 12.5               | 9.6  | 8.8  | 7.7   | 7.1  | 18.1  | 15.8 | AL . . . . .       | 15.1               | 10.8 | 10.5 | 8.3   | 7.6  | 16.0  | 16.2 |
| NJ . . . . .       | 12.5               | 9.0  | 8.4  | 6.8   | 5.9  | 18.4  | 18.7 | MS . . . . .       | 17.0               | 12.1 | 11.9 | 8.5   | 8.0  | 16.2  | 16.1 |
| PA . . . . .       | 13.2               | 9.6  | 9.0  | 7.8   | 6.9  | 20.5  | 20.4 | W.S.C. . . . .     | 12.7               | 8.7  | 8.3  | 7.4   | 7.1  | 15.3  | 14.2 |
| E.N.C. . . . .     | 13.0               | 10.1 | 9.5  | 8.0   | 7.4  | 21.0  | 19.6 | AR . . . . .       | 12.7               | 9.2  | 10.3 | 8.0   | 8.6  | 13.9  | 16.2 |
| OH . . . . .       | 12.8               | 9.8  | 9.4  | 8.2   | 7.9  | 19.5  | 18.0 | LA . . . . .       | 14.3               | 11.1 | 9.4  | 7.3   | 6.9  | 16.7  | 13.0 |
| IN . . . . .       | 11.9               | 9.6  | 9.4  | 8.9   | 8.0  | 17.4  | 20.3 | OK . . . . .       | 12.7               | 9.2  | 8.8  | 9.4   | 7.9  | 14.3  | 16.8 |
| IL . . . . .       | 14.8               | 10.7 | 10.1 | 7.7   | 7.4  | 22.4  | 19.8 | TX . . . . .       | 12.2               | 8.1  | 7.8  | 7.1   | 6.8  | 14.7  | 14.2 |
| MI . . . . .       | 12.8               | 10.7 | 10.2 | 7.9   | 7.0  | 21.6  | 22.1 | Mountain . . . . . | 11.0               | 8.6  | 7.6  | 8.3   | 7.2  | 18.5  | 16.7 |
| WI . . . . .       | 10.3               | 8.2  | 7.2  | 7.2   | 6.4  | 19.0  | 13.5 | MT . . . . .       | 12.4               | 9.0  | 7.5  | 8.6   | 6.7  | (NA)  | (NA) |
| W.N.C. . . . .     | 11.3               | 8.4  | 8.0  | 7.5   | 7.0  | 18.9  | 17.3 | ID . . . . .       | 10.7               | 8.7  | 8.8  | 8.7   | 8.8  | (NA)  | (NA) |
| MN . . . . .       | 10.0               | 7.3  | 7.1  | 6.7   | 6.2  | 23.7  | 17.5 | WY . . . . .       | 9.8                | 8.6  | 8.9  | 8.8   | 9.0  | (NA)  | (NA) |
| IA . . . . .       | 11.8               | 8.1  | 8.0  | 7.8   | 7.7  | 21.9  | 19.4 | CO . . . . .       | 10.1               | 8.8  | 7.6  | 8.4   | 7.2  | 19.4  | 14.6 |
| MO . . . . .       | 12.4               | 9.4  | 8.5  | 7.8   | 6.9  | 18.2  | 15.9 | NM . . . . .       | 11.5               | 9.0  | 7.6  | 9.3   | 6.8  | (NA)  | (NA) |
| ND . . . . .       | 12.1               | 8.0  | 7.8  | 7.9   | 7.4  | (NA)  | (NA) | AZ . . . . .       | 12.4               | 8.8  | 8.4  | 8.2   | 7.8  | 20.6  | 16.7 |
| SD . . . . .       | 10.9               | 10.1 | 9.3  | 8.6   | 7.7  | (NA)  | (NA) | UT . . . . .       | 10.4               | 7.5  | 5.9  | 7.4   | 6.0  | (NA)  | (NA) |
| NE . . . . .       | 11.5               | 8.3  | 7.4  | 7.2   | 6.7  | 18.9  | 19.8 | NV . . . . .       | 10.7               | 8.4  | 6.7  | 8.1   | 5.9  | 14.2  | 16.6 |
| KS . . . . .       | 10.4               | 8.4  | 8.7  | 7.7   | 7.5  | 17.7  | 21.7 | Pacific . . . . .  | 11.2               | 7.9  | 7.0  | 7.6   | 6.4  | 17.1  | 16.7 |
| S.A. . . . .       | 14.5               | 10.7 | 9.8  | 8.0   | 7.1  | 17.9  | 16.4 | WA . . . . .       | 11.8               | 7.8  | 6.8  | 7.6   | 6.4  | 20.6  | 15.9 |
| DE . . . . .       | 13.9               | 10.1 | 8.6  | 7.3   | 5.8  | 20.1  | 18.0 | OR . . . . .       | 12.2               | 8.3  | 7.1  | 8.1   | 6.8  | (NA)  | 23.0 |
| MD . . . . .       | 14.0               | 9.5  | 9.8  | 6.5   | 6.7  | 17.1  | 16.5 | CA . . . . .       | 11.1               | 7.9  | 7.0  | 7.6   | 6.3  | 16.8  | 16.8 |
| DC . . . . .       | 25.0               | 20.7 | 19.6 | 12.1  | 13.1 | 24.6  | 22.0 | AK . . . . .       | 12.3               | 10.5 | 8.6  | 8.5   | 7.3  | (NA)  | (NA) |
|                    |                    |      |      |       |      |       |      | HI . . . . .       | 10.3               | 6.7  | 6.3  | 5.1   | (NA) | (NA)  | (NA) |

NA Not available. <sup>1</sup> Includes other races, not shown separately.

Source: U.S. National Center for Health Statistics, *Vital Statistics of the United States*, annual; and unpublished data.

**No. 124. Age-Adjusted Death Rates, by Selected Causes: 1980 to 1992**

[Rates per 100,000 population. For explanation of age-adjustment, see text, section 2. The standard population for this table is the total population of the United States enumerated in 1940. See also headnote, table 125]

| CAUSE OF DEATH   | 1980  | 1990  | 1992  | CAUSE OF DEATH   | 1980 | 1990 | 1992 |
|--|-------|-------|-------|--|------|------|------|
| All causes . . . . .   | 585.8 | 520.2 | 504.5 | Pneumonia and influenza . . . . .  | 12.9 | 14.0 | 12.7 |
| Major cardiovascular diseases . . . . .                                | 256.0 | 189.8 | 180.4 | Pneumonia . . . . .  | 12.4 | 13.7 | 12.5 |
| Diseases of heart . . . . .  | 202.0 | 152.0 | 144.3 | Influenza . . . . .  | 0.5  | 0.3  | 0.2  |
| Rheumatic fever and rheumatic heart disease . . . . .                  | 2.6   | 1.5   | 1.3   | Diabetes mellitus . . . . .  | 10.1 | 11.7 | 11.9 |
| Hypertensive heart disease <sup>1</sup> . . . . .                      | 6.8   | 5.3   | 4.8   | Suicide . . . . .  | 11.4 | 11.5 | 11.1 |
| Ischemic heart disease . . . . .                                       | 149.8 | 102.6 | 95.7  | Chronic liver disease and cirrhosis . . . . .                                | 12.2 | 8.6  | 8.0  |
| Other diseases of endocardium . . . . .                                | 2.0   | 2.5   | 2.6   | Nephritis, nephrotic syndrome, and nephrosis . . . . .                       | 4.5  | 4.3  | 4.3  |
| All other forms of heart disease . . . . .                             | 40.8  | 40.1  | 39.4  | Homicide and legal intervention . . . . .                                    | 10.8 | 10.2 | 10.5 |
| Hypertension <sup>1</sup> . . . . .                                    | 2.0   | 1.9   | 2.0   | Septicemia . . . . .   | 2.6  | 4.1  | 4.0  |
| Cerebrovascular diseases . . . . .                                     | 40.8  | 27.7  | 26.2  | Other infectious and parasitic diseases . . . . .                            | 1.8  | 12.0 | 14.7 |
| Atherosclerosis . . . . .  | 5.7   | 2.7   | 2.4   | Benign neoplasms <sup>3</sup> . . . . .                                      | 2.0  | 1.7  | 1.7  |
| Other . . . . .  | 5.5   | 5.4   | 5.4   | Ulcer of stomach and duodenum . . . . .                                      | 1.7  | 1.3  | 1.2  |
| Malignancies <sup>2</sup> . . . . .                                    | 132.8 | 135.0 | 133.1 | Hernia of abdominal cavity and intestinal obstruction <sup>4</sup> . . . . . | 1.4  | 1.1  | 1.1  |
| Of respiratory and intrathoracic organs . . . . .                      | 36.4  | 41.4  | 40.8  | Anemias . . . . .  | 0.9  | 0.9  | 0.9  |
| Of digestive organs and peritoneum . . . . .                           | 33.0  | 30.2  | 29.6  | Cholelithiasis and other disorders of gallbladder . . . . .                  | 0.8  | 0.6  | 0.5  |
| Of genital organs . . . . .  | 13.6  | 13.6  | 13.5  | Nutritional deficiencies . . . . .   | 0.5  | 0.5  | 0.5  |
| Of breast . . . . .  | 12.5  | 12.7  | 12.0  | Infections of kidney . . . . .   | 0.7  | 0.2  | 0.2  |
| Of urinary organs . . . . .  | 5.2   | 5.1   | 5.1   | Tuberculosis . . . . .   | 0.6  | 0.5  | 0.4  |
| Leukemia . . . . .   | 5.4   | 5.0   | 4.9   | Meningitis . . . . .   | 0.6  | 0.3  | 0.2  |
| Accidents and adverse effects . . . . .                                | 42.3  | 32.5  | 29.4  | Viral hepatitis . . . . .  | 0.3  | 0.5  | 0.6  |
| Motor vehicle . . . . .  | 22.9  | 18.5  | 15.8  | Acute bronchitis and bronchiolitis . . . . .                                 | 0.2  | 0.1  | 0.1  |
| All other . . . . .  | 19.5  | 14.0  | 13.7  | Hyperplasia of prostate . . . . .  | 0.2  | 0.1  | 0.1  |
| Chronic obstructive pulmonary diseases and allied conditions . . . . . | 15.9  | 19.7  | 19.9  | Symptoms, signs, and ill-defined conditions . . . . .                        | 9.8  | 7.3  | 6.7  |
| Bronchitis, chronic and unspecified . . . . .                          | 1.0   | 0.8   | 0.8   | All other causes . . . . .   | 36.8 | 38.4 | 38.1 |
| Emphysema . . . . .  | 4.0   | 3.7   | 3.7   |  |      |      |      |
| Asthma . . . . .   | 1.0   | 1.4   | 1.4   |  |      |      |      |
| Other . . . . .  | 9.9   | 13.7  | 14.0  |  |      |      |      |

<sup>1</sup> With or without renal disease. <sup>2</sup> Includes other types of malignancies not shown separately. <sup>3</sup> Includes neoplasms of unspecified nature; and carcinoma in situ. <sup>4</sup> Without mention of hernia.

Source: U.S. National Center for Health Statistics, *Vital Statistics of the United States*, annual; *Monthly Vital Statistics Reports*; and unpublished data.

## No. 125. Deaths and Death Rates, by Selected Causes: 1970 to 1993

[Excludes deaths of nonresidents of the United States, except as noted. Beginning 1979, deaths classified according to ninth revision of *International Classification of Diseases*; for earlier years, classified according to revision in use at that time. See also Appendix III and *Historical Statistics, Colonial Times to 1970*, series B 149-166]

| CAUSE OF DEATH  | DEATHS<br>(1,000) |                |                |                   |                   | CRUDE DEATH RATE PER<br>100,000 POPULATION <sup>2</sup> |              |              |                   |                   |
|---|-------------------|----------------|----------------|-------------------|-------------------|---|--------------|--------------|-------------------|-------------------|
|   | 1970              | 1980           | 1990           | 1992 <sup>1</sup> | 1993 <sup>1</sup> | 1970  | 1980         | 1990         | 1992 <sup>1</sup> | 1993 <sup>1</sup> |
| <b>All causes</b> . . . . .   | <b>1,921.0</b>    | <b>1,989.8</b> | <b>2,148.5</b> | <b>2,177.0</b>    | <b>2,268.0</b>    | <b>945.3</b>  | <b>878.3</b> | <b>863.8</b> | <b>853.3</b>      | <b>879.3</b>      |
| Major cardiovascular diseases . . . . .   | 1,008.0           | 988.5          | 916.0          | 915.4             | 944.6             | 496.0   | 436.4        | 368.3        | 358.8             | 366.3             |
| Diseases of heart . . . . .   | 735.5             | 761.1          | 720.1          | 720.5             | 739.9             | 362.0   | 336.0        | 289.5        | 282.5             | 286.9             |
| Percent of total . . . . .  | 38.3              | 38.3           | 33.5           | 33.1              | 32.6              | 38.3  | 38.3         | 33.5         | 33.1              | 32.6              |
| Rheumatic fever and rheumatic heart disease . . . . .                               | 14.9              | 7.8            | 6.0            | 6.0               | 5.6               | 7.3   | 3.5          | 2.4          | 2.3               | 2.2               |
| Hypertensive heart disease <sup>3</sup> . . . . .                                   | 15.0              | 24.8           | 23.4           | 25.3              | 26.0              | 7.4   | 10.9         | 9.5          | 8.8               | 9.0               |
| Ischemic heart disease . . . . .  | 666.7             | 565.8          | 489.2          | 480.2             | 490.0             | 328.1   | 249.7        | 196.7        | 188.2             | 190.0             |
| Other diseases of endocardium . . . . .   | 6.7               | 7.2            | 13.0           | 15.8              | 15.1              | 3.3   | 3.2          | 5.2          | 6.2               | 5.8               |
| All other forms of heart disease . . . . .  | 32.3              | 155.5          | 188.4          | 193.3             | 203.2             | 15.9  | 68.7         | 75.8         | 75.8              | 78.8              |
| Hypertension <sup>3</sup> . . . . .   | 8.3               | 7.8            | 9.2            | 10.5              | 11.5              | 4.1   | 3.5          | 3.7          | 4.1               | 4.5               |
| Cerebrovascular diseases . . . . .  | 207.2             | 170.2          | 144.1          | 143.6             | 149.7             | 101.9   | 75.1         | 57.9         | 56.3              | 58.1              |
| Atherosclerosis . . . . .   | 31.7              | 29.4           | 18.0           | 16.1              | 17.1              | 15.6  | 13.0         | 7.3          | 6.3               | 6.6               |
| Other . . . . .   | 25.3              | 20.0           | 24.6           | 24.6              | 26.4              | 12.5  | 8.8          | 9.9          | 9.7               | 10.2              |
| Malignancies <sup>4</sup> . . . . .   | 330.7             | 416.5          | 505.3          | 521.1             | 530.9             | 162.8   | 183.9        | 203.2        | 204.3             | 205.8             |
| Percent of total . . . . .  | 17.2              | 20.9           | 23.5           | 23.9              | 23.4              | 17.2  | 20.9         | 23.5         | 23.9              | 23.4              |
| Of respiratory and intrathoracic organs . . . . .                                   | 69.5              | 108.5          | 146.4          | 155.0             | 156.6             | 34.2  | 47.9         | 58.9         | 60.7              | 60.7              |
| Of digestive organs and peritoneum . . . . .  | 94.7              | 110.6          | 120.8          | 121.4             | 123.6             | 46.6  | 48.8         | 48.6         | 47.6              | 47.9              |
| Of genital organs . . . . .   | 41.2              | 46.4           | 57.5           | 58.6              | 60.9              | 20.3  | 20.5         | 23.1         | 23.0              | 23.6              |
| Of breast . . . . .   | 29.9              | 35.9           | 43.7           | 44.2              | 44.1              | 14.7  | 15.8         | 17.6         | 17.3              | 17.1              |
| Of urinary organs . . . . .   | 15.5              | 17.8           | 20.7           | 22.2              | 22.2              | 7.6   | 7.9          | 8.3          | 8.7               | 8.6               |
| Leukemia . . . . .  | 14.5              | 16.5           | 18.6           | 19.2              | 19.0              | 7.1   | 7.3          | 7.5          | 7.5               | 7.3               |
| Accidents and adverse effects . . . . .   | 114.6             | 105.7          | 92.0           | 86.3              | 88.6              | 56.4  | 46.7         | 37.0         | 33.8              | 34.4              |
| Motor vehicle . . . . .   | 54.6              | 53.2           | 46.8           | 41.7              | 40.9              | 26.9  | 23.5         | 18.8         | 16.4              | 15.9              |
| All other . . . . .   | 60.0              | 52.5           | 45.2           | 44.6              | 47.8              | 29.5  | 23.3         | 18.2         | 17.5              | 18.5              |
| Chronic obstructive pulmonary diseases and allied conditions <sup>5</sup> . . . . . | 30.9              | 56.1           | 86.7           | 91.4              | 101.1             | 15.2  | 24.7         | 34.9         | 35.8              | 39.2              |
| Bronchitis, chronic and unspecified . . . . .                                       | 5.8               | 3.7            | 3.6            | 4.2               | 3.6               | 2.9   | 1.6          | 1.4          | 1.6               | 1.4               |
| Emphysema . . . . .   | 22.7              | 13.9           | 15.7           | 16.6              | 18.0              | 11.2  | 6.1          | 6.3          | 6.5               | 7.0               |
| Asthma . . . . .  | 2.3               | 2.9            | 4.8            | 4.7               | 5.2               | 1.1   | 1.3          | 1.9          | 1.8               | 2.0               |
| Other . . . . .   | (6)               | 35.6           | 62.6           | 66.0              | 74.3              | (6)   | 15.7         | 25.2         | 25.9              | 28.8              |
| Pneumonia and influenza . . . . .   | 62.7              | 54.6           | 79.5           | 76.1              | 81.7              | 30.9  | 24.1         | 32.0         | 29.8              | 31.7              |
| Pneumonia . . . . .   | 59.0              | 51.9           | 77.4           | 74.9              | 80.7              | 29.0  | 22.9         | 31.1         | 29.3              | 31.3              |
| Influenza . . . . .   | 3.7               | 2.7            | 2.1            | 1.3               | 1.1               | 1.8   | 1.2          | 0.8          | 0.5               | 0.4               |
| Diabetes mellitus . . . . .   | 38.3              | 34.9           | 47.7           | 50.2              | 55.1              | 18.9  | 15.4         | 19.2         | 19.8              | 21.4              |
| Suicide . . . . .   | 23.5              | 26.9           | 30.9           | 29.8              | 31.2              | 11.6  | 11.9         | 12.4         | 11.7              | 12.1              |
| Chronic liver disease and cirrhosis . . . . .                                       | 31.4              | 30.6           | 25.8           | 24.8              | 24.7              | 15.5  | 13.5         | 10.4         | 9.7               | 9.6               |
| Other infectious and parasitic diseases . . . . .                                   | 6.9               | 5.1            | 32.2           | 40.4              | 45.9              | 3.4   | 2.2          | 13.0         | 15.8              | 17.8              |
| Homicide and legal intervention . . . . .   | 16.8              | 24.3           | 24.9           | 26.6              | 25.5              | 8.3   | 10.7         | 10.0         | 10.4              | 9.9               |
| Nephritis, nephrotic syndrome, and nephrosis . . . . .                              | 8.9               | 16.8           | 20.8           | 22.4              | 23.5              | 4.4   | 7.4          | 8.3          | 8.8               | 9.1               |
| Septicemia . . . . .  | 3.5               | 9.4            | 19.2           | 19.9              | 20.4              | 1.7   | 4.2          | 7.7          | 7.8               | 7.9               |
| Certain conditions originating in the perinatal period . . . . .                    | 43.2              | 22.9           | 17.7           | 15.8              | 15.8              | 21.3  | 10.1         | 7.1          | 6.2               | 6.1               |
| Congenital anomalies . . . . .  | 16.8              | 13.9           | 13.1           | 12.4              | 12.1              | 8.3   | 6.2          | 5.3          | 4.9               | 4.7               |
| Benign neoplasms <sup>7</sup> . . . . .   | 4.8               | 6.2            | 6.8            | 6.5               | 7.1               | 2.4   | 2.7          | 2.7          | 2.5               | 2.8               |
| Ulcer of stomach and duodenum . . . . .   | 8.6               | 6.1            | 6.2            | 5.8               | 5.6               | 4.2   | 0.0          | 2.5          | 2.3               | 2.2               |
| Hernia of abdominal cavity and intestinal obstruction <sup>8</sup> . . . . .        | 7.2               | 5.4            | 5.8            | 6.2               | 5.8               | 3.6   | 2.4          | 2.3          | 2.4               | 2.2               |
| Anemias . . . . .   | 3.4               | 3.2            | 4.1            | 4.0               | 4.5               | 1.7   | 1.4          | 1.6          | 1.6               | 1.8               |
| Cholelithiasis and other disorders of gall bladder . . . . .                        | 4.0               | 3.3            | 3.0            | 3.0               | 2.7               | 2.0   | 1.5          | 1.2          | 1.2               | 1.0               |
| Nutritional deficiencies . . . . .  | 2.5               | 2.4            | 3.0            | 3.1               | 3.3               | 1.2   | 1.0          | 1.2          | 1.2               | 1.3               |
| Tuberculosis . . . . .  | 5.2               | 2.0            | 1.8            | 1.4               | 1.7               | 2.6   | 0.9          | 0.7          | 0.5               | 0.6               |
| Infections of kidney . . . . .  | 8.2               | 2.7            | 1.3            | 1.2               | 1.0               | 4.0   | 1.2          | 0.5          | 0.5               | 0.4               |
| Viral hepatitis . . . . .   | 1.0               | 0.8            | 1.6            | 1.9               | 2.5               | 0.5   | 0.4          | 0.6          | 0.8               | 1.0               |
| Meningitis . . . . .  | 1.7               | 1.4            | 1.0            | 0.7               | 0.8               | 0.8   | 0.6          | 0.4          | 0.3               | 0.3               |
| Acute bronchitis and bronchiolitis . . . . .  | 1.3               | 0.6            | 0.6            | 0.5               | 0.6               | 0.6   | 0.3          | 0.3          | 0.2               | 0.2               |
| Hyperplasia of prostate . . . . .   | 2.2               | 0.8            | 0.5            | 0.4               | 0.6               | 1.1   | 0.3          | 0.2          | 0.1               | 0.2               |
| Symptoms, signs, and ill-defined conditions . . . . .                               | 25.8              | 28.8           | 24.1           | 24.2              | 26.3              | 12.7  | 12.7         | 9.7          | 9.5               | 10.2              |
| All other causes . . . . .  | 108.8             | 120.0          | 172.9          | 181.0             | 199.3             | 53.5  | 53.0         | 69.5         | 70.9              | 77.3              |

<sup>1</sup> Based on a 10-percent sample of deaths. Includes deaths of nonresidents. <sup>2</sup> 1970, 1980, and 1990 based on resident population enumerated as of April 1. Other years based on resident population estimated as of July 1. <sup>3</sup> With or without renal disease. <sup>4</sup> Includes other types of malignancies not shown separately. <sup>5</sup> Prior to 1980, data are shown for bronchitis, emphysema, and asthma. <sup>6</sup> Included in "all other causes." Comparable data not available separately. <sup>7</sup> Includes neoplasms of unspecified nature; beginning 1980 also includes carcinoma in situ. <sup>8</sup> Without mention of hernia.

Source: U.S. National Center for Health Statistics, *Vital Statistics of the United States*, annual; *Monthly Vital Statistics Report*; and unpublished data.

## No. 126. Deaths, by Selected Causes and Selected Characteristics: 1992

[In thousands. Excludes deaths of nonresidents of the U.S. Deaths classified according to ninth revision of *International Classification of Diseases*. See also Appendix III]

| AGE, SEX,<br>AND RACE                 | Total <sup>1</sup> | Heart<br>disease | Cancer       | Acci-<br>dents<br>and<br>ad-<br>verse<br>ef-<br>fects | Cere-<br>bro-<br>vas-<br>cu-<br>lar<br>dis-<br>eases | Chronic<br>obstruc-<br>tive<br>pulmo-<br>nary<br>dis-<br>eases <sup>2</sup> | Pneu-<br>monia,<br>flu | Sui-<br>cide | Chronic<br>liver<br>dis-<br>ease,<br>cirrho-<br>sis | Diab-<br>etes<br>melli-<br>tus | Homi-<br>cide<br>and<br>legal<br>inter-<br>ven-<br>tion |
|---------------------------------------|--------------------|------------------|--------------|---|--|---|------------------------|--------------|---|--------------------------------|---|
| <b>ALL RACES <sup>3</sup></b>         |                    |                  |              |   |  |   |                        |              |   |                                |   |
| <b>Both sexes, total <sup>4</sup></b> | <b>2,175.6</b>     | <b>717.7</b>     | <b>520.6</b> | <b>86.8</b>   | <b>143.8</b>   | <b>91.9</b>   | <b>75.7</b>            | <b>30.5</b>  | <b>25.3</b>   | <b>50.1</b>                    | <b>25.5</b>   |
| Under 1 year old . . . . .            | 34.6               | 0.7              | 1.0          | 0.8   | 0.2  | (Z)   | 0.6                    | (Z)          | (Z)   | (Z)                            | 0.3   |
| 1 to 4 years old . . . . .            | 6.8                | 0.3              | 0.5          | 2.5   | 0.1  | 0.1   | 0.2                    | (Z)          | (Z)   | (Z)                            | 0.4   |
| 5 to 14 years old . . . . .           | 8.2                | 0.3              | 1.1          | 3.4   | 0.1  | 0.1   | 0.1                    | 0.3          | (Z)   | (Z)                            | 0.6   |
| 15 to 24 years old . . . . .          | 34.5               | 1.0              | 1.8          | 13.7  | 0.2  | 0.2   | 0.2                    | 4.7          | (Z)   | 0.1                            | 8.0   |
| 25 to 34 years old . . . . .          | 58.5               | 3.4              | 5.3          | 13.8  | 0.8  | 0.3   | 0.7                    | 6.2          | 0.8   | 0.7                            | 7.3   |
| 35 to 44 years old . . . . .          | 91.3               | 12.7             | 16.9         | 12.0  | 2.6  | 0.7   | 1.4                    | 6.0          | 3.6   | 1.6                            | 4.5   |
| 45 to 54 years old . . . . .          | 125.0              | 31.4             | 41.2         | 7.5   | 4.8  | 2.3   | 1.6                    | 4.0          | 4.6   | 3.2                            | 2.0   |
| 55 to 64 years old . . . . .          | 241.0              | 72.5             | 91.6         | 6.4   | 9.7  | 10.1  | 3.5                    | 3.1          | 5.8   | 7.1                            | 1.0   |
| 65 to 74 years old . . . . .          | 477.9              | 156.5            | 161.2        | 8.2   | 25.0   | 28.7  | 10.2                   | 3.0          | 6.3   | 14.0                           | 0.7   |
| 75 to 84 years old . . . . .          | 609.9              | 226.7            | 142.6        | 10.2  | 49.4   | 34.5  | 24.0                   | 2.4          | 3.4   | 15.0                           | 0.4   |
| 85 years old and over . . . . .       | 487.4              | 212.0            | 58.2         | 8.3   | 51.0   | 15.0  | 33.3                   | 0.7          | 0.8   | 8.3                            | 0.1   |
| <b>Male, total <sup>4</sup></b>       | <b>1,122.3</b>     | <b>357.5</b>     | <b>274.8</b> | <b>57.9</b>   | <b>56.6</b>  | <b>50.5</b>   | <b>35.5</b>            | <b>24.5</b>  | <b>16.5</b>   | <b>21.7</b>                    | <b>20.1</b>   |
| Under 1 year old . . . . .            | 19.5               | 0.4              | 0.1          | 0.5   | 0.1  | (Z)   | 0.4                    | (Z)          | (Z)   | (Z)                            | 0.2   |
| 1 to 4 years old . . . . .            | 3.8                | 0.2              | 0.3          | 1.5   | (Z)  | (Z)   | 0.1                    | (Z)          | (Z)   | (Z)                            | 0.2   |
| 5 to 14 years old . . . . .           | 5.1                | 0.2              | 0.6          | 2.3   | (Z)  | 0.1   | 0.1                    | 0.2          | (Z)   | (Z)                            | 0.4   |
| 15 to 24 years old . . . . .          | 26.2               | 0.6              | 1.1          | 10.3  | 0.1  | 0.1   | 0.1                    | 4.0          | (Z)   | 0.1                            | 6.9   |
| 25 to 34 years old . . . . .          | 42.9               | 2.3              | 2.6          | 10.7  | 0.4  | 0.2   | 0.4                    | 5.1          | 0.5   | 0.4                            | 5.8   |
| 35 to 44 years old . . . . .          | 63.0               | 9.5              | 7.5          | 9.2   | 1.4  | 0.4   | 0.9                    | 4.7          | 2.7   | 1.0                            | 3.5   |
| 45 to 54 years old . . . . .          | 79.3               | 23.3             | 20.6         | 5.5   | 2.6  | 1.2   | 1.1                    | 3.0          | 3.3   | 1.8                            | 1.6   |
| 55 to 64 years old . . . . .          | 146.9              | 50.0             | 50.9         | 4.4   | 5.3  | 5.6   | 2.1                    | 2.4          | 4.0   | 3.6                            | 0.8   |
| 65 to 74 years old . . . . .          | 274.2              | 95.8             | 90.3         | 5.0   | 12.7   | 16.2  | 6.0                    | 2.4          | 3.8   | 6.4                            | 0.4   |
| 75 to 84 years old . . . . .          | 299.9              | 110.4            | 75.5         | 5.2   | 20.4   | 19.2  | 12.4                   | 2.0          | 1.8   | 6.0                            | 0.2   |
| 85 years old and over . . . . .       | 161.2              | 65.1             | 25.5         | 3.1   | 13.6   | 7.6   | 11.9                   | 0.6          | 0.3   | 2.4                            | 0.1   |
| <b>Female, total <sup>4</sup></b>     | <b>1,053.3</b>     | <b>360.2</b>     | <b>245.7</b> | <b>28.9</b>   | <b>87.1</b>  | <b>41.5</b>   | <b>40.3</b>            | <b>6.0</b>   | <b>8.8</b>  | <b>28.4</b>                    | <b>5.4</b>  |
| Under 1 year old . . . . .            | 15.1               | 0.3              | (Z)          | 0.4   | 0.1  | (Z)   | 0.2                    | (Z)          | (Z)   | (Z)                            | 0.1   |
| 1 to 4 years old . . . . .            | 3.0                | 0.1              | 0.2          | 1.0   | (Z)  | (Z)   | 0.1                    | (Z)          | (Z)   | (Z)                            | 0.2   |
| 5 to 14 years old . . . . .           | 3.1                | 0.1              | 0.5          | 1.1   | (Z)  | (Z)   | 0.1                    | 0.1          | (Z)   | (Z)                            | 0.2   |
| 15 to 24 years old . . . . .          | 8.3                | 0.3              | 0.7          | 3.4   | 0.1  | 0.1   | 0.1                    | 0.6          | (Z)   | 0.1                            | 1.1   |
| 25 to 34 years old . . . . .          | 15.6               | 1.1              | 2.7          | 3.1   | 0.4  | 0.1   | 0.2                    | 1.1          | 0.3   | 0.3                            | 1.5   |
| 35 to 44 years old . . . . .          | 28.3               | 3.2              | 9.4          | 2.8   | 1.2  | 0.3   | 0.5                    | 1.3          | 0.9   | 0.6                            | 1.0   |
| 45 to 54 years old . . . . .          | 45.8               | 8.1              | 20.6         | 2.0   | 2.2  | 1.1   | 0.6                    | 1.0          | 1.2   | 1.4                            | 0.4   |
| 55 to 64 years old . . . . .          | 94.1               | 22.6             | 40.7         | 2.0   | 4.4  | 4.5   | 1.3                    | 0.7          | 1.8   | 3.6                            | 0.2   |
| 65 to 74 years old . . . . .          | 203.8              | 60.7             | 71.0         | 3.2   | 12.3   | 12.5  | 4.2                    | 0.6          | 2.4   | 7.6                            | 0.2   |
| 75 to 84 years old . . . . .          | 310.0              | 116.4            | 67.2         | 4.9   | 29.0   | 15.3  | 11.5                   | 0.4          | 1.6   | 9.0                            | 0.2   |
| 85 years old and over . . . . .       | 326.2              | 147.0            | 32.7         | 5.2   | 37.3   | 7.5   | 21.4                   | 0.1          | 0.5   | 5.8                            | 0.1   |
| <b>WHITE</b>                          |                    |                  |              |   |  |   |                        |              |   |                                |   |
| <b>Both sexes, total <sup>4</sup></b> | <b>1,873.8</b>     | <b>633.5</b>     | <b>454.5</b> | <b>72.4</b>   | <b>124.4</b>   | <b>85.2</b>   | <b>67.5</b>            | <b>27.6</b>  | <b>21.3</b>   | <b>40.4</b>                    | <b>12.5</b>   |
| Under 1 year old . . . . .            | 22.2               | 0.5              | 0.1          | 0.5   | 0.1  | (Z)   | 0.4                    | (Z)          | (Z)   | (Z)                            | 0.2   |
| 1 to 4 years old . . . . .            | 4.7                | 0.2              | 0.4          | 1.8   | (Z)  | (Z)   | 0.1                    | (Z)          | (Z)   | (Z)                            | 0.2   |
| 5 to 14 years old . . . . .           | 5.9                | 0.2              | 0.9          | 2.5   | 0.1  | 0.1   | 0.1                    | 0.3          | (Z)   | (Z)                            | 0.3   |
| 15 to 24 years old . . . . .          | 24.3               | 0.6              | 1.5          | 11.5  | 0.1  | 0.1   | 0.2                    | 3.9          | (Z)   | 0.1                            | 3.2   |
| 25 to 34 years old . . . . .          | 41.5               | 2.3              | 4.2          | 11.3  | 0.5  | 0.2   | 0.4                    | 5.4          | 0.5   | 0.5                            | 3.4   |
| 35 to 44 years old . . . . .          | 66.0               | 9.1              | 13.3         | 9.6   | 1.6  | 0.5   | 0.8                    | 5.4          | 2.7   | 1.2                            | 2.4   |
| 45 to 54 years old . . . . .          | 97.1               | 24.4             | 33.6         | 6.0   | 3.3  | 1.9   | 1.2                    | 3.7          | 3.6   | 2.3                            | 1.2   |
| 55 to 64 years old . . . . .          | 198.0              | 59.4             | 77.4         | 5.2   | 7.1  | 9.0   | 2.7                    | 3.0          | 4.9   | 5.2                            | 0.7   |
| 65 to 74 years old . . . . .          | 414.9              | 135.8            | 141.8        | 7.1   | 20.5   | 26.6  | 8.7                    | 2.9          | 5.6   | 11.2                           | 0.4   |
| 75 to 84 years old . . . . .          | 549.7              | 204.8            | 128.6        | 9.2   | 44.0   | 32.6  | 21.8                   | 2.3          | 3.2   | 12.8                           | 0.3   |
| 85 years old and over . . . . .       | 448.9              | 196.2            | 52.8         | 7.7   | 47.1   | 14.2  | 31.0                   | 0.7          | 0.7   | 7.2                            | 0.1   |
| <b>BLACK</b>                          |                    |                  |              |   |  |   |                        |              |   |                                |   |
| <b>Both sexes, total <sup>4</sup></b> | <b>269.2</b>       | <b>75.6</b>      | <b>58.4</b>  | <b>11.8</b>   | <b>17.0</b>  | <b>5.9</b>  | <b>7.1</b>             | <b>2.1</b>   | <b>3.3</b>  | <b>8.7</b>                     | <b>12.3</b>   |
| Under 1 year old . . . . .            | 11.3               | 0.2              | (Z)          | 0.3   | 0.1  | (Z)   | 0.2                    | (Z)          | (Z)   | (Z)                            | 0.1   |
| 1 to 4 years old . . . . .            | 1.8                | 0.1              | 0.1          | 0.6   | (Z)  | (Z)   | 0.1                    | (Z)          | (Z)   | (Z)                            | 0.2   |
| 5 to 14 years old . . . . .           | 1.9                | 0.1              | 0.2          | 0.7   | (Z)  | (Z)   | (Z)                    | (Z)          | (Z)   | (Z)                            | 0.3   |
| 15 to 24 years old . . . . .          | 9.0                | 0.3              | 0.3          | 1.7   | (Z)  | 0.1   | 0.1                    | 0.5          | (Z)   | (Z)                            | 4.6   |
| 25 to 34 years old . . . . .          | 15.4               | 1.1              | 0.9          | 2.0   | 0.2  | 0.1   | 0.2                    | 0.6          | 0.2   | 0.2                            | 3.8   |
| 35 to 44 years old . . . . .          | 23.2               | 3.3              | 3.1          | 2.1   | 0.9  | 0.2   | 0.5                    | 0.5          | 0.8   | 0.4                            | 1.9   |
| 45 to 54 years old . . . . .          | 25.0               | 6.4              | 6.7          | 1.2   | 1.4  | 0.4   | 0.4                    | 0.2          | 0.8   | 0.8                            | 0.7   |
| 55 to 64 years old . . . . .          | 38.4               | 12.0             | 12.6         | 1.0   | 2.3  | 0.9   | 0.7                    | 0.1          | 0.8   | 1.7                            | 0.3   |
| 65 to 74 years old . . . . .          | 56.1               | 18.7             | 17.3         | 0.9   | 3.9  | 1.8   | 1.3                    | 0.1          | 0.6   | 2.5                            | 0.2   |
| 75 to 84 years old . . . . .          | 53.1               | 19.4             | 12.5         | 0.9   | 4.8  | 1.6   | 1.8                    | 0.1          | 0.2   | 2.1                            | 0.1   |
| 85 years old and over . . . . .       | 33.9               | 14.0             | 4.8          | 0.5   | 3.4  | 0.7   | 1.8                    | (Z)          | (Z)   | 1.0                            | (Z)   |

Z Fewer than 50. <sup>1</sup> Includes other causes not shown separately. <sup>2</sup> Includes allied conditions. <sup>3</sup> Includes other races not shown separately. <sup>4</sup> Includes those deaths with age not stated.

Source: U.S. National Center for Health Statistics, *Vital Statistics of the United States*, annual.



## No. 127. Deaths, by Age and Leading Cause: 1992

[Excludes deaths of nonresidents of the United States. Deaths classified according to ninth revision of *International Classification of Diseases*. See also Appendix III and *Historical Statistics, Colonial Times to 1970*, series B 149-166]

| AGE AND LEADING CAUSE OF DEATH        | NUMBER OF DEATHS |           |           | DEATH RATE PER 100,000 POPULATION |         |         |
|---------------------------------------|------------------|-----------|-----------|-----------------------------------|---------|---------|
|                                       | Total            | Male      | Female    | Total                             | Male    | Female  |
| <b>ALL AGES</b> <sup>1</sup>          |                  |           |           |                                   |         |         |
| All races <sup>2</sup>                | 2,175,613        | 1,122,336 | 1,053,277 | 852.9                             | 901.6   | 806.5   |
| White                                 | 1,873,781        | 956,957   | 916,824   | 880.0                             | 917.2   | 844.3   |
| Black                                 | 269,219          | 146,630   | 122,589   | 850.5                             | 977.5   | 736.2   |
| Leading causes of death:              |                  |           |           |                                   |         |         |
| Heart disease                         | 717,706          | 357,545   | 360,161   | 281.4                             | 287.2   | 275.8   |
| Malignant neoplasms (cancer)          | 520,578          | 274,838   | 245,740   | 204.1                             | 220.8   | 188.2   |
| Cerebrovascular disease (stroke)      | 143,769          | 56,645    | 87,124    | 56.4                              | 45.5    | 66.7    |
| Chronic obstructive pulmonary disease | 91,938           | 50,465    | 41,473    | 36.0                              | 40.5    | 31.8    |
| Accidents                             | 86,777           | 57,862    | 28,915    | 34.0                              | 46.5    | 22.1    |
| Motor vehicle                         | 40,982           | 27,982    | 13,000    | 16.1                              | 22.5    | 10.0    |
| Pneumonia                             | 75,719           | 35,465    | 40,254    | 29.7                              | 28.5    | 30.8    |
| Diabetes                              | 50,067           | 21,672    | 28,395    | 19.6                              | 17.4    | 21.7    |
| Suicide                               | 30,484           | 24,457    | (NA)      | 12.0                              | 19.6    | (NA)    |
| HIV infection <sup>3</sup>            | 33,566           | 29,325    | (NA)      | 13.2                              | 23.6    | (NA)    |
| Homicide and legal intervention       | 25,488           | 20,115    | (NA)      | 10.0                              | 16.2    | (NA)    |
| <b>1 TO 4 YEARS OLD</b>               |                  |           |           |                                   |         |         |
| All causes                            | 6,764            | 3,809     | 2,955     | 43.6                              | 48.0    | 39.0    |
| Leading causes of death:              |                  |           |           |                                   |         |         |
| Accidents                             | 2,467            | 1,513     | 954       | 15.9                              | 19.1    | 12.6    |
| Motor vehicle                         | 860              | 487       | 373       | 5.5                               | 6.1     | 4.9     |
| Congenital anomalies                  | 856              | 460       | 396       | 5.5                               | 5.8     | 5.2     |
| Malignant neoplasms (cancer)          | 479              | 248       | 231       | 3.1                               | 3.1     | 3.0     |
| Homicide and legal intervention       | 430              | 242       | 188       | 2.8                               | 3.0     | 2.5     |
| Heart disease                         | 286              | 151       | 135       | 1.8                               | 1.9     | 1.8     |
| Pneumonia and influenza               | 188              | 95        | 93        | 1.2                               | 1.2     | 1.2     |
| <b>5 TO 14 YEARS OLD</b>              |                  |           |           |                                   |         |         |
| All causes                            | 8,193            | 5,080     | 3,113     | 22.5                              | 27.2    | 17.5    |
| Leading causes of death:              |                  |           |           |                                   |         |         |
| Accidents                             | 3,388            | 2,280     | 1,108     | 9.3                               | 12.2    | 6.2     |
| Malignant neoplasms (cancer)          | 1,105            | 637       | 468       | 3.0                               | 3.4     | 2.6     |
| Congenital anomalies                  | 448              | 238       | 210       | 1.2                               | 1.3     | 1.2     |
| Homicide and legal intervention       | 587              | 375       | 212       | 1.6                               | 2.0     | 1.2     |
| Heart disease                         | 284              | 160       | 124       | 0.8                               | 0.9     | 0.7     |
| Pneumonia and influenza               | 104              | 54        | 50        | 0.3                               | 0.3     | 0.3     |
| <b>15 TO 24 YEARS OLD</b>             |                  |           |           |                                   |         |         |
| All causes                            | 34,548           | 26,207    | 8,341     | 95.6                              | 141.8   | 47.2    |
| Leading causes of death:              |                  |           |           |                                   |         |         |
| Accidents                             | 13,662           | 10,253    | 3,409     | 37.8                              | 55.5    | 19.3    |
| Motor vehicle                         | 10,305           | 7,438     | 2,867     | 28.5                              | 40.3    | 16.2    |
| Homicide and legal intervention       | 8,019            | 6,891     | 1,128     | 22.2                              | 37.3    | 6.4     |
| Suicide                               | 4,693            | 4,044     | 649       | 13.0                              | 21.9    | 3.7     |
| Malignant neoplasms (cancer)          | 1,809            | 1,084     | 725       | 5.0                               | 5.9     | 4.1     |
| Heart disease                         | 968              | 626       | 342       | 2.7                               | 3.4     | 1.9     |
| HIV infection <sup>3</sup>            | 578              | 419       | 159       | 1.6                               | 2.3     | 0.9     |
| <b>25 TO 44 YEARS OLD</b>             |                  |           |           |                                   |         |         |
| All causes                            | 149,771          | 105,890   | 43,881    | 181.9                             | 258.3   | 106.1   |
| Leading causes of death:              |                  |           |           |                                   |         |         |
| Accidents                             | 25,808           | 19,981    | 5,827     | 31.3                              | 48.7    | 14.1    |
| Motor vehicle                         | 14,071           | 10,327    | 3,744     | 17.1                              | 25.2    | 9.1     |
| Malignant neoplasms (cancer)          | 22,185           | 10,095    | 12,090    | 26.9                              | 24.6    | 29.2    |
| HIV infection <sup>3</sup>            | 24,629           | 21,509    | 3,120     | 29.9                              | 52.5    | 7.5     |
| Heart disease                         | 16,121           | 11,729    | 4,392     | 19.6                              | 28.6    | 10.6    |
| Homicide and legal intervention       | 11,803           | 9,311     | 2,492     | 14.3                              | 22.7    | 6.0     |
| Suicide                               | 12,181           | 9,782     | 2,399     | 14.8                              | 23.9    | 5.8     |
| <b>45 TO 64 YEARS OLD</b>             |                  |           |           |                                   |         |         |
| All causes                            | 366,021          | 226,151   | 139,870   | 757.2                             | 970.1   | 558.8   |
| Leading causes of death:              |                  |           |           |                                   |         |         |
| Malignant neoplasms (cancer)          | 132,815          | 71,501    | 61,314    | 274.7                             | 306.7   | 245.0   |
| Heart disease                         | 103,929          | 73,229    | 30,700    | 215.0                             | 314.1   | 122.7   |
| Cerebrovascular (stroke)              | 14,500           | 7,859     | 6,641     | 30.0                              | 33.7    | 26.5    |
| Accidents                             | 13,882           | 9,926     | 3,956     | 28.7                              | 42.6    | 15.8    |
| Motor vehicle                         | 6,597            | 4,409     | 2,188     | 13.6                              | 18.9    | 8.7     |
| Chronic obstructive pulmonary disease | 12,372           | 6,751     | 5,621     | 25.6                              | 29.0    | 22.5    |
| Chronic liver disease and cirrhosis   | 10,349           | 7,303     | 3,046     | 21.4                              | 31.3    | 12.2    |
| Diabetes                              | 10,312           | 5,363     | 4,949     | 21.3                              | 23.0    | 19.8    |
| <b>65 YEARS OLD AND OVER</b>          |                  |           |           |                                   |         |         |
| All causes                            | 1,575,214        | 735,298   | 839,916   | 4,880.6                           | 5,638.1 | 4,366.9 |
| Leading causes of death:              |                  |           |           |                                   |         |         |
| Heart disease                         | 595,314          | 271,214   | 324,100   | 1,844.5                           | 2,079.6 | 1,685.1 |
| Malignant neoplasms (cancer)          | 362,060          | 191,204   | 170,856   | 1,121.8                           | 1,466.1 | 888.3   |
| Cerebrovascular (stroke)              | 125,392          | 46,722    | 78,670    | 388.5                             | 358.3   | 409.0   |
| Chronic obstructive pulmonary disease | 78,182           | 42,961    | 35,221    | 242.2                             | 329.4   | 183.1   |
| Pneumonia and influenza               | 67,489           | 30,374    | 37,115    | 209.1                             | 232.9   | 193.0   |
| Diabetes                              | 37,328           | 14,865    | 22,463    | 115.7                             | 114.0   | 119.8   |
| Accidents                             | 26,633           | 13,335    | 13,298    | 82.5                              | 102.3   | 61.8    |
| Motor vehicle                         | 7,053            | 3,970     | 3,083     | 21.9                              | 30.4    | 16.0    |

NA Not available. <sup>1</sup> Includes those deaths with age not stated. <sup>2</sup> Includes other races not shown separately. <sup>3</sup> Human immunodeficiency virus.

Source: U.S. National Center for Health Statistics, *Vital Statistics of the United States*, annual; and unpublished data.

**No. 128. Death Rates, by Selected Causes and Age: 1980 to 1992**

[Deaths per 100,000 population in specified group. Except as noted, excludes deaths of nonresidents of the United States. See headnote, table 124]

| YEAR, RACE, AND AGE           | Total <sup>1</sup> | Heart disease | Malignant neoplasms | Accidents and adverse effects | Cerebrovascular diseases | Chronic obstructive pulmonary diseases <sup>2</sup> | Pneumonia, flu | Suicide | Chronic liver disease, cirrhosis | Diabetes mellitus | Homicide and legal intervention |
|-------------------------------|--------------------|---------------|---------------------|-------------------------------|--------------------------|---|----------------|---------|----------------------------------|-------------------|---------------------------------|
| <b>ALL RACES <sup>3</sup></b> |                    |               |                     |                               |                          |   |                |         |                                  |                   |                                 |
| <b>Both sexes:</b>            |                    |               |                     |                               |                          |   |                |         |                                  |                   |                                 |
| 1980, age-adjusted . . .      | 585.8              | 336.0         | 183.9               | 46.7                          | 75.1                     | 24.7  | 24.1           | 11.9    | 13.5                             | 15.4              | 10.7                            |
| 1990, age-adjusted . . .      | 520.2              | 289.5         | 203.2               | 37.0                          | 57.9                     | 34.9  | 32.0           | 12.4    | 10.4                             | 19.2              | 10.0                            |
| 1991, age-adjusted . . .      | 513.7              | 285.9         | 204.1               | 35.4                          | 56.9                     | 35.9  | 30.9           | 12.2    | 10.1                             | 19.4              | 10.5                            |
| 1992, age-adjusted . . .      | 504.5              | 281.4         | 204.1               | 34.0                          | 56.4                     | 36.0  | 29.7           | 12.0    | 9.9                              | 19.6              | 10.0                            |
| 15 to 24 years old . . .      | (NA)               | 2.7           | 5.0                 | 37.8                          | 0.5                      | 0.5   | 0.6            | 13.0    | 0.1                              | 0.4               | 22.2                            |
| 25 to 34 years old . . .      | (NA)               | 8.1           | 12.5                | 32.5                          | 1.9                      | 0.7   | 1.5            | 14.5    | 1.8                              | 1.6               | 17.3                            |
| 35 to 44 years old . . .      | (NA)               | 31.8          | 42.3                | 30.1                          | 6.5                      | 1.8   | 3.4            | 15.1    | 9.0                              | 4.0               | 11.2                            |
| 45 to 54 years old . . .      | (NA)               | 114.6         | 150.3               | 27.3                          | 17.5                     | 8.3   | 6.0            | 14.7    | 16.7                             | 11.7              | 7.5                             |
| 55 to 64 years old . . .      | (NA)               | 346.5         | 437.8               | 30.6                          | 46.4                     | 48.3  | 16.5           | 14.8    | 27.6                             | 34.0              | 4.7                             |
| 65 to 74 years old . . .      | (NA)               | 847.9         | 873.4               | 44.2                          | 135.3                    | 155.5   | 55.3           | 16.5    | 33.9                             | 75.7              | 3.7                             |
| 75 to 84 years old . . .      | (NA)               | 2,147.3       | 1,350.9             | 96.3                          | 468.2                    | 326.5   | 227.1          | 22.8    | 32.3                             | 142.9             | 3.8                             |
| 85 years old and over         | (NA)               | 6,513.5       | 1,787.3             | 254.8                         | 1,566.0                  | 460.9   | 1,022.8        | 21.9    | 24.2                             | 253.8             | 4.1                             |
| <b>Male:</b>                  |                    |               |                     |                               |                          |   |                |         |                                  |                   |                                 |
| 1980, age-adjusted . . .      | 777.2              | 368.6         | 205.3               | 67.4                          | 63.6                     | 35.1  | 25.1           | 18.6    | 18.0                             | 13.0              | 17.3                            |
| 1990, age-adjusted . . .      | 680.2              | 297.6         | 221.3               | 51.1                          | 46.8                     | 40.8  | 30.4           | 20.4    | 13.7                             | 16.7              | 16.2                            |
| 1991, age-adjusted . . .      | 669.9              | 292.6         | 221.5               | 48.6                          | 46.1                     | 41.1  | 29.4           | 20.1    | 13.2                             | 17.2              | 16.9                            |
| 1992, age-adjusted . . .      | 656.0              | 287.2         | 220.8               | 46.5                          | 45.5                     | 40.5  | 28.5           | 19.6    | 13.2                             | 17.4              | 16.2                            |
| 15 to 24 years old . . .      | (NA)               | 3.4           | 5.9                 | 55.5                          | 0.6                      | 0.6   | 0.7            | 21.9    | (NA)                             | 0.4               | 37.3                            |
| 25 to 34 years old . . .      | (NA)               | 10.7          | 12.1                | 50.6                          | 1.9                      | 0.7   | 1.9            | 24.0    | 2.4                              | 1.8               | 27.5                            |
| 35 to 44 years old . . .      | (NA)               | 47.8          | 38.1                | 46.7                          | 6.9                      | 1.8   | 4.5            | 23.7    | 13.7                             | 4.9               | 17.6                            |
| 45 to 54 years old . . .      | (NA)               | 173.7         | 153.8               | 41.0                          | 19.3                     | 8.7   | 7.9            | 22.4    | 24.8                             | 13.5              | 11.8                            |
| 55 to 64 years old . . .      | (NA)               | 503.9         | 513.4               | 44.8                          | 53.2                     | 56.3  | 21.2           | 24.1    | 40.2                             | 35.9              | 7.7                             |
| 65 to 74 years old . . .      | (NA)               | 1,178.9       | 1,111.1             | 61.1                          | 155.8                    | 199.7   | 74.1           | 29.9    | 46.9                             | 78.5              | 5.5                             |
| 75 to 84 years old . . .      | (NA)               | 2,754.1       | 1,882.8             | 130.8                         | 509.7                    | 478.6   | 310.4          | 50.0    | 44.7                             | 150.9             | 5.3                             |
| 85 years old and over .       | (NA)               | 7,157.6       | 2,802.7             | 344.3                         | 1,500.8                  | 830.9   | 1,310.4        | 62.8    | 36.5                             | 268.7             | 7.3                             |
| <b>Female:</b>                |                    |               |                     |                               |                          |   |                |         |                                  |                   |                                 |
| 1980, age-adjusted . . .      | 432.6              | 305.1         | 163.6               | 27.1                          | 86.1                     | 15.0  | 23.2           | 5.5     | 9.3                              | 17.6              | 4.5                             |
| 1990, age-adjusted . . .      | 390.6              | 281.8         | 186.0               | 23.6                          | 68.6                     | 29.2  | 33.4           | 4.8     | 7.2                              | 21.5              | 4.2                             |
| 1991, age-adjusted . . .      | 386.5              | 279.5         | 187.5               | 22.9                          | 67.2                     | 31.1  | 32.2           | 4.7     | 7.1                              | 21.6              | 4.4                             |
| 1992, age-adjusted . . .      | 380.3              | 275.8         | 188.2               | 22.1                          | 66.7                     | 31.8  | 30.8           | 4.6     | 6.7                              | 21.7              | 4.1                             |
| 15 to 24 years old . . .      | (NA)               | 1.9           | 4.1                 | 19.3                          | 0.4                      | 0.5   | 0.6            | 3.7     | (NA)                             | 0.3               | 6.4                             |
| 25 to 34 years old . . .      | (NA)               | 5.4           | 12.9                | 14.4                          | 1.9                      | 0.6   | 1.1            | 5.0     | 1.2                              | 1.3               | 7.1                             |
| 35 to 44 years old . . .      | (NA)               | 16.1          | 46.5                | 13.8                          | 6.1                      | 1.7   | 2.3            | 6.6     | 4.5                              | 3.2               | 4.9                             |
| 45 to 54 years old . . .      | (NA)               | 58.1          | 147.0               | 14.2                          | 15.7                     | 7.9   | 4.2            | 7.3     | 8.9                              | 10.0              | 3.3                             |
| 55 to 64 years old . . .      | (NA)               | 204.9         | 369.7               | 17.8                          | 40.3                     | 41.0  | 12.2           | 6.5     | 16.3                             | 32.3              | 2.0                             |
| 65 to 74 years old . . .      | (NA)               | 587.8         | 686.5               | 31.0                          | 119.2                    | 120.7   | 40.5           | 5.9     | 23.7                             | 73.5              | 2.4                             |
| 75 to 84 years old . . .      | (NA)               | 1,776.1       | 1,025.6             | 75.3                          | 442.8                    | 233.4   | 176.1          | 6.2     | 24.8                             | 138.0             | 2.9                             |
| 85 years old and over .       | (NA)               | 6,264.0       | 1,394.1             | 220.2                         | 1,591.3                  | 317.6   | 911.3          | 6.1     | 19.5                             | 248.0             | 2.9                             |
| <b>WHITE</b>                  |                    |               |                     |                               |                          |   |                |         |                                  |                   |                                 |
| <b>Both sexes:</b>            |                    |               |                     |                               |                          |   |                |         |                                  |                   |                                 |
| 1980, age-adjusted . . .      | 559.4              | 350.8         | 189.0               | 46.3                          | 76.3                     | 26.9  | 24.8           | 12.7    | 13.0                             | 14.8              | 7.0                             |
| 1990, age-adjusted . . .      | 492.8              | 305.4         | 211.6               | 36.9                          | 59.7                     | 38.4  | 33.9           | 13.5    | 10.3                             | 18.5              | 5.8                             |
| 1991, age-adjusted . . .      | 486.8              | 301.9         | 213.1               | 35.3                          | 58.7                     | 39.8  | 32.8           | 13.3    | 10.1                             | 18.8              | 6.1                             |
| 1992, age-adjusted . . .      | 477.5              | 297.5         | 213.5               | 34.0                          | 58.4                     | 40.0  | 31.7           | 13.0    | 10.0                             | 19.0              | 5.9                             |
| <b>Male:</b>                  |                    |               |                     |                               |                          |   |                |         |                                  |                   |                                 |
| 1980, age-adjusted . . .      | 745.3              | 384.0         | 208.7               | 66.3                          | 63.3                     | 37.9  | 25.1           | 19.9    | 17.3                             | 12.8              | 10.9                            |
| 1990, age-adjusted . . .      | 644.3              | 312.7         | 227.7               | 50.3                          | 47.0                     | 44.3  | 31.4           | 22.0    | 13.6                             | 16.5              | 9.0                             |
| 1991, age-adjusted . . .      | 634.4              | 307.6         | 228.9               | 47.7                          | 46.3                     | 44.9  | 30.6           | 21.7    | 13.4                             | 16.9              | 9.3                             |
| 1992, age-adjusted . . .      | 620.9              | 302.4         | 228.6               | 45.9                          | 46.1                     | 44.4  | 29.7           | 21.2    | 13.3                             | 17.2              | 9.1                             |
| <b>Female:</b>                |                    |               |                     |                               |                          |   |                |         |                                  |                   |                                 |
| 1980, age-adjusted . . .      | 411.1              | 319.2         | 170.3               | 27.2                          | 88.8                     | 16.4  | 24.6           | 5.9     | 8.8                              | 16.8              | 3.2                             |
| 1990, age-adjusted . . .      | 369.9              | 298.4         | 196.1               | 24.0                          | 71.8                     | 32.8  | 36.3           | 5.3     | 7.1                              | 20.5              | 2.8                             |
| 1991, age-adjusted . . .      | 366.3              | 296.5         | 198.0               | 23.4                          | 70.5                     | 35.0  | 35.0           | 5.2     | 7.1                              | 20.6              | 3.0                             |
| 1992, age-adjusted . . .      | 359.9              | 292.9         | 199.0               | 22.6                          | 70.3                     | 35.8  | 33.6           | 5.1     | 6.8                              | 20.7              | 2.8                             |
| <b>BLACK</b>                  |                    |               |                     |                               |                          |   |                |         |                                  |                   |                                 |
| <b>Both sexes:</b>            |                    |               |                     |                               |                          |   |                |         |                                  |                   |                                 |
| 1980, age-adjusted . . .      | 842.5              | 274.0         | 169.1               | 50.6                          | 75.6                     | 12.7  | 21.2           | 6.0     | 18.0                             | 20.8              | 38.6                            |
| 1990, age-adjusted . . .      | 789.2              | 246.4         | 187.2               | 40.7                          | 57.1                     | 18.6  | 24.8           | 6.9     | 12.3                             | 26.6              | 39.8                            |
| 1991, age-adjusted . . .      | 780.7              | 243.9         | 185.9               | 40.0                          | 55.7                     | 18.7  | 23.7           | 6.7     | 11.1                             | 27.3              | 41.6                            |
| 1992, age-adjusted . . .      | 767.5              | 238.8         | 184.5               | 37.3                          | 53.8                     | 18.5  | 22.3           | 6.8     | 10.5                             | 27.3              | 38.9                            |
| <b>Male:</b>                  |                    |               |                     |                               |                          |   |                |         |                                  |                   |                                 |
| 1980, age-adjusted . . .      | 1,112.8            | 301.0         | 205.5               | 77.1                          | 73.1                     | 19.3  | 26.9           | 10.3    | 24.0                             | 16.0              | 66.6                            |
| 1990, age-adjusted . . .      | 1,061.3            | 256.8         | 221.9               | 60.7                          | 53.1                     | 25.2  | 28.9           | 12.0    | 16.6                             | 21.1              | 69.2                            |
| 1991, age-adjusted . . .      | 1,048.8            | 253.9         | 217.5               | 59.8                          | 52.1                     | 24.5  | 26.7           | 12.1    | 14.5                             | 22.1              | 72.0                            |
| 1992, age-adjusted . . .      | 1,026.9            | 246.9         | 214.4               | 54.9                          | 49.5                     | 23.8  | 25.5           | 12.0    | 14.5                             | 21.8              | 67.5                            |
| <b>Female:</b>                |                    |               |                     |                               |                          |   |                |         |                                  |                   |                                 |
| 1980, age-adjusted . . .      | 631.1              | 249.7         | 136.5               | 26.9                          | 77.9                     | 6.8   | 16.1           | 2.2     | 12.6                             | 25.2              | 13.5                            |
| 1990, age-adjusted . . .      | 581.6              | 237.0         | 156.1               | 22.8                          | 60.7                     | 12.6  | 21.2           | 2.3     | 8.5                              | 31.5              | 13.5                            |
| 1991, age-adjusted . . .      | 575.1              | 235.0         | 157.4               | 22.2                          | 59.0                     | 13.4  | 20.9           | 1.9     | 8.1                              | 32.0              | 14.2                            |
| 1992, age-adjusted . . .      | 568.4              | 231.6         | 157.6               | 21.5                          | 57.8                     | 13.7  | 19.5           | 2.0     | 6.8                              | 32.3              | 13.1                            |

NA Not available. <sup>1</sup> Includes other causes not shown separately. <sup>2</sup> Includes allied conditions. <sup>3</sup> Includes other races not shown separately.

Source: U.S. National Center for Health Statistics, *Vital Statistics of the United States*, annual; and *Monthly Vital Statistics Report*.

## No. 129. Death Rates, by Cause—States: 1991 and 1992

[Deaths per 100,000 resident population enumerated as of April 1. By place of residence. Excludes nonresidents of the United States. Causes of death classified according to ninth revisions of *International Classification of Diseases*]

| DIVISION AND STATE         | Total <sup>1</sup> 1992 | Heart disease, 1992 | Cancer, 1992 | Cerebrovascular diseases, 1992 | Accidents and adverse effects, 1992 | Chronic obstructive pulmonary diseases, 1992 <sup>2</sup> | Pneumonia, influenza, 1991 | Diabetes mellitus, 1992 | Suicide, 1992 | Chronic liver disease and cirrhosis, 1991 | Atherosclerosis, 1991 |
|----------------------------|-------------------------|---------------------|--------------|--------------------------------|-------------------------------------|---|----------------------------|-------------------------|---------------|---|-----------------------|
| <b>U.S. . . . .</b>        | <b>852.9</b>            | <b>281.4</b>        | <b>204.1</b> | <b>56.4</b>                    | <b>34.0</b>                         | <b>36.0</b>   | <b>30.9</b>                | <b>19.6</b>             | <b>12.0</b>   | <b>10.1</b>                               | <b>6.9</b>            |
| <b>Northeast . . . . .</b> | <b>932.7</b>            | <b>330.2</b>        | <b>228.9</b> | <b>53.1</b>                    | <b>27.8</b>                         | <b>35.2</b>   | <b>(NA)</b>                | <b>21.2</b>             | <b>9.2</b>    | <b>(NA)</b>                               | <b>(NA)</b>           |
| <b>N.E. . . . .</b>        | <b>879.8</b>            | <b>285.6</b>        | <b>229.0</b> | <b>55.0</b>                    | <b>24.6</b>                         | <b>37.6</b>   | <b>35.1</b>                | <b>20.1</b>             | <b>9.7</b>    | <b>10.0</b>                               | <b>6.9</b>            |
| ME . . . . .               | 902.5                   | 280.0               | 237.8        | 60.3                           | 32.8                                | 50.8  | 30.4                       | 25.9                    | 12.7          | 11.0                                      | 8.9                   |
| NH . . . . .               | 766.3                   | 240.7               | 204.7        | 50.0                           | 22.8                                | 36.5  | 24.8                       | 21.5                    | 12.3          | 8.5                                       | 7.3                   |
| VT . . . . .               | 839.4                   | 277.4               | 204.1        | 50.4                           | 29.8                                | 42.4  | 28.0                       | 21.9                    | 14.0          | 10.1                                      | 5.3                   |
| MA . . . . .               | 899.1                   | 284.8               | 236.7        | 55.6                           | 21.6                                | 35.9  | 39.8                       | 19.9                    | 8.9           | 10.1                                      | 6.5                   |
| RI . . . . .               | 945.6                   | 323.0               | 251.4        | 58.5                           | 22.7                                | 37.6  | 35.0                       | 22.8                    | 7.3           | 11.9                                      | 8.5                   |
| CT . . . . .               | 861.6                   | 294.6               | 217.5        | 53.5                           | 27.3                                | 35.4  | 32.9                       | 16.4                    | 9.1           | 9.8                                       | 6.4                   |
| <b>M.A. . . . .</b>        | <b>951.1</b>            | <b>345.7</b>        | <b>228.9</b> | <b>52.5</b>                    | <b>29.0</b>                         | <b>34.4</b>   | <b>34.4</b>                | <b>21.7</b>             | <b>9.1</b>    | <b>10.7</b>                               | <b>5.6</b>            |
| NY . . . . .               | 918.5                   | 354.0               | 213.3        | 46.0                           | 26.8                                | 32.3  | 37.8                       | 16.4                    | 8.5           | 10.7                                      | 5.1                   |
| NJ . . . . .               | 906.2                   | 304.5               | 228.5        | 49.6                           | 25.8                                | 31.0  | 29.1                       | 26.9                    | 6.6           | 11.4                                      | 5.7                   |
| PA . . . . .               | 1,029.7                 | 360.2               | 252.7        | 64.1                           | 34.3                                | 39.8  | 32.8                       | 26.2                    | 11.6          | 10.2                                      | 6.3                   |
| <b>Midwest . . . . .</b>   | <b>881.2</b>            | <b>297.2</b>        | <b>212.1</b> | <b>60.7</b>                    | <b>32.8</b>                         | <b>36.7</b>   | <b>32.8</b>                | <b>21.7</b>             | <b>11.1</b>   | <b>(NA)</b>                               | <b>(NA)</b>           |
| <b>E.N.C. . . . .</b>      | <b>872.0</b>            | <b>295.3</b>        | <b>212.1</b> | <b>58.2</b>                    | <b>31.1</b>                         | <b>35.7</b>   | <b>31.6</b>                | <b>22.7</b>             | <b>11.0</b>   | <b>9.7</b>                                | <b>7.5</b>            |
| OH . . . . .               | 899.3                   | 308.7               | 220.7        | 55.4                           | 30.5                                | 39.7  | 28.9                       | 26.3                    | 10.8          | 8.5                                       | 7.2                   |
| IN . . . . .               | 883.0                   | 295.2               | 212.6        | 63.1                           | 34.1                                | 40.1  | 30.9                       | 22.2                    | 12.3          | 7.6                                       | 9.1                   |
| IL . . . . .               | 879.3                   | 296.8               | 212.0        | 58.4                           | 30.2                                | 33.3  | 34.3                       | 20.6                    | 9.8           | 11.4                                      | 5.9                   |
| MI . . . . .               | 838.3                   | 285.1               | 204.6        | 54.1                           | 30.6                                | 32.7  | 29.7                       | 22.5                    | 11.3          | 11.3                                      | 8.8                   |
| WI . . . . .               | 846.1                   | 281.5               | 206.8        | 66.5                           | 31.8                                | 32.8  | 35.3                       | 20.9                    | 11.7          | 7.2                                       | 7.2                   |
| <b>W.N.C. . . . .</b>      | <b>903.1</b>            | <b>301.7</b>        | <b>212.0</b> | <b>66.5</b>                    | <b>36.9</b>                         | <b>39.3</b>   | <b>38.0</b>                | <b>19.3</b>             | <b>11.5</b>   | <b>7.1</b>                                | <b>9.7</b>            |
| MN . . . . .               | 784.1                   | 229.4               | 191.3        | 63.1                           | 33.3                                | 33.5  | 35.1                       | 17.4                    | 11.5          | 6.6                                       | 7.8                   |
| IA . . . . .               | 948.8                   | 327.5               | 229.5        | 72.5                           | 36.4                                | 41.8  | 44.0                       | 18.1                    | 10.2          | 6.2                                       | 13.8                  |
| MO . . . . .               | 982.3                   | 341.9               | 227.5        | 66.5                           | 41.1                                | 42.8  | 36.6                       | 20.8                    | 12.1          | 8.5                                       | 7.6                   |
| ND . . . . .               | 898.5                   | 300.0               | 215.0        | 75.9                           | 36.6                                | 36.9  | 36.2                       | 22.6                    | 10.3          | 8.8                                       | 15.3                  |
| SD . . . . .               | 945.4                   | 323.8               | 222.0        | 67.9                           | 42.9                                | 42.5  | 44.4                       | 23.2                    | 11.2          | 8.3                                       | 9.7                   |
| NE . . . . .               | 915.0                   | 329.6               | 202.4        | 64.3                           | 34.9                                | 41.7  | 41.6                       | 16.6                    | 11.7          | 6.6                                       | 12.1                  |
| KS . . . . .               | 882.0                   | 295.1               | 200.1        | 64.6                           | 34.6                                | 37.8  | 35.6                       | 20.5                    | 12.4          | 6.1                                       | 10.2                  |
| <b>South . . . . .</b>     | <b>875.9</b>            | <b>284.6</b>        | <b>207.6</b> | <b>59.6</b>                    | <b>38.6</b>                         | <b>36.4</b>   | <b>(NA)</b>                | <b>20.9</b>             | <b>12.9</b>   | <b>(NA)</b>                               | <b>(NA)</b>           |
| <b>S.A. . . . .</b>        | <b>895.9</b>            | <b>289.3</b>        | <b>216.3</b> | <b>59.3</b>                    | <b>36.1</b>                         | <b>38.2</b>   | <b>26.9</b>                | <b>20.5</b>             | <b>12.9</b>   | <b>10.6</b>                               | <b>6.0</b>            |
| DE . . . . .               | 859.9                   | 266.9               | 223.5        | 46.9                           | 35.8                                | 35.9  | 26.6                       | 30.0                    | 12.7          | 9.9                                       | 3.8                   |
| MD . . . . .               | 790.9                   | 241.6               | 202.4        | 42.8                           | 26.2                                | 29.4  | 24.5                       | 22.5                    | 9.4           | 9.0                                       | 4.2                   |
| DC . . . . .               | 1,214.9                 | 314.1               | 260.9        | 57.4                           | 31.6                                | 28.2  | 31.3                       | 29.6                    | 5.8           | 25.8                                      | 6.9                   |
| VA . . . . .               | 772.0                   | 242.4               | 187.8        | 53.0                           | 30.3                                | 32.2  | 27.2                       | 15.1                    | 12.7          | 7.8                                       | 5.3                   |
| WV . . . . .               | 1,090.2                 | 382.9               | 255.1        | 60.3                           | 46.7                                | 54.3  | 38.2                       | 30.1                    | 13.3          | 9.3                                       | 8.4                   |
| NC . . . . .               | 872.0                   | 277.8               | 204.0        | 66.9                           | 39.7                                | 35.1  | 28.5                       | 20.9                    | 12.6          | 9.8                                       | 5.2                   |
| SC . . . . .               | 850.4                   | 268.0               | 194.1        | 69.2                           | 43.0                                | 34.9  | 23.0                       | 21.7                    | 12.9          | 11.0                                      | 4.1                   |
| GA . . . . .               | 782.4                   | 243.4               | 174.2        | 54.4                           | 38.9                                | 31.2  | 28.6                       | 14.5                    | 12.0          | 8.7                                       | 6.0                   |
| FL . . . . .               | 1,036.3                 | 351.0               | 260.9        | 64.9                           | 36.1                                | 48.6  | 25.2                       | 22.8                    | 15.0          | 13.4                                      | 7.8                   |
| <b>E.S.C. . . . .</b>      | <b>941.4</b>            | <b>314.3</b>        | <b>218.4</b> | <b>67.6</b>                    | <b>48.1</b>                         | <b>38.3</b>   | <b>34.2</b>                | <b>20.3</b>             | <b>12.9</b>   | <b>9.1</b>                                | <b>6.6</b>            |
| KY . . . . .               | 933.3                   | 313.8               | 227.7        | 61.6                           | 44.2                                | 45.2  | 38.4                       | 21.8                    | 13.1          | 9.5                                       | 6.2                   |
| TN . . . . .               | 926.8                   | 298.8               | 214.4        | 73.6                           | 43.9                                | 38.2  | 34.2                       | 19.9                    | 12.9          | 9.6                                       | 7.5                   |
| AL . . . . .               | 951.1                   | 311.7               | 218.6        | 66.6                           | 49.9                                | 35.2  | 32.8                       | 20.6                    | 12.6          | 9.1                                       | 6.4                   |
| MS . . . . .               | 965.9                   | 349.1               | 212.6        | 66.1                           | 58.7                                | 33.6  | 30.6                       | 18.2                    | 12.7          | 7.5                                       | 5.8                   |
| <b>W.S.C. . . . .</b>      | <b>806.3</b>            | <b>260.4</b>        | <b>187.1</b> | <b>55.5</b>                    | <b>37.3</b>                         | <b>32.5</b>   | <b>25.4</b>                | <b>22.0</b>             | <b>12.9</b>   | <b>9.7</b>                                | <b>7.4</b>            |
| AR . . . . .               | 1,042.3                 | 344.0               | 244.2        | 84.5                           | 47.7                                | 39.3  | 38.2                       | 21.5                    | 12.2          | 8.6                                       | 7.0                   |
| LA . . . . .               | 879.7                   | 284.1               | 207.0        | 56.5                           | 41.5                                | 29.6  | 24.5                       | 27.9                    | 12.4          | 8.3                                       | 8.3                   |
| OK . . . . .               | 951.9                   | 339.1               | 211.3        | 67.2                           | 39.5                                | 43.0  | 37.3                       | 17.9                    | 14.7          | 9.4                                       | 11.2                  |
| TX . . . . .               | 730.1                   | 229.0               | 170.2        | 49.2                           | 34.5                                | 30.4  | 21.6                       | 21.3                    | 12.8          | 10.2                                      | 6.6                   |
| <b>West . . . . .</b>      | <b>711.0</b>            | <b>213.4</b>        | <b>166.7</b> | <b>49.5</b>                    | <b>33.8</b>                         | <b>35.4</b>   | <b>(NA)</b>                | <b>13.7</b>             | <b>13.9</b>   | <b>(NA)</b>                               | <b>(NA)</b>           |
| <b>Mountain . . . . .</b>  | <b>716.0</b>            | <b>204.7</b>        | <b>165.4</b> | <b>44.7</b>                    | <b>39.5</b>                         | <b>40.4</b>   | <b>26.8</b>                | <b>16.8</b>             | <b>17.7</b>   | <b>10.4</b>                               | <b>7.0</b>            |
| MT . . . . .               | 859.5                   | 231.9               | 207.6        | 60.4                           | 49.5                                | 55.5  | 30.3                       | 19.5                    | 18.6          | 9.0                                       | 13.1                  |
| ID . . . . .               | 739.0                   | 218.1               | 169.1        | 59.1                           | 44.7                                | 40.2  | 28.5                       | 17.8                    | 15.8          | 6.7                                       | 6.5                   |
| WY . . . . .               | 709.7                   | 194.1               | 160.7        | 52.3                           | 51.0                                | 49.5  | 22.8                       | 14.6                    | 18.1          | 8.9                                       | 5.9                   |
| CO . . . . .               | 647.7                   | 178.1               | 143.0        | 41.3                           | 33.1                                | 40.8  | 28.0                       | 12.6                    | 17.3          | 9.5                                       | 9.3                   |
| NM . . . . .               | 706.5                   | 187.5               | 157.4        | 38.1                           | 52.0                                | 33.8  | 23.6                       | 23.4                    | 19.2          | 14.2                                      | 6.5                   |
| AZ . . . . .               | 810.3                   | 243.1               | 194.2        | 47.6                           | 42.3                                | 44.3  | 31.0                       | 17.2                    | 17.0          | 12.7                                      | 6.6                   |
| UT . . . . .               | 539.5                   | 151.8               | 108.3        | 38.7                           | 30.6                                | 23.2  | 22.5                       | 19.8                    | 14.1          | 4.8                                       | 3.9                   |
| NV . . . . .               | 769.0                   | 232.1               | 200.4        | 37.3                           | 30.8                                | 47.6  | 18.9                       | 12.9                    | 24.6          | 13.4                                      | 3.7                   |
| <b>Pacific . . . . .</b>   | <b>709.2</b>            | <b>216.5</b>        | <b>167.2</b> | <b>51.2</b>                    | <b>31.8</b>                         | <b>33.6</b>   | <b>30.6</b>                | <b>12.7</b>             | <b>12.6</b>   | <b>11.3</b>                               | <b>7.0</b>            |
| WA . . . . .               | 742.1                   | 217.5               | 184.0        | 56.7                           | 33.4                                | 40.6  | 26.9                       | 15.8                    | 13.5          | 8.1                                       | 8.7                   |
| OR . . . . .               | 866.9                   | 245.3               | 212.5        | 70.7                           | 36.6                                | 42.2  | 27.5                       | 18.9                    | 16.4          | 9.0                                       | 10.4                  |
| CA . . . . .               | 698.6                   | 217.2               | 162.1        | 49.1                           | 30.7                                | 32.6  | 32.0                       | 11.6                    | 12.1          | 12.3                                      | 6.6                   |
| AK . . . . .               | 391.8                   | 88.1                | 88.1         | 18.4                           | 60.9                                | 15.1  | 9.1                        | 8.0                     | 15.3          | 8.8                                       | (NA)                  |
| HI . . . . .               | 602.9                   | 184.8               | 151.9        | 48.2                           | 25.4                                | 16.4  | 26.4                       | 14.8                    | 11.2          | 6.0                                       | 2.6                   |

NA Not available. <sup>1</sup> Includes other causes not shown separately. <sup>2</sup> Includes allied conditions.

Source: U.S. National Center for Health Statistics, *Monthly Vital Statistics Report*; and unpublished data.

**No. 130. Acquired Immunodeficiency Syndrome (AIDS) Deaths, by Selected Characteristics: 1982 to 1994**

[Data are shown by year of death and are subject to substantial retrospective changes. For data on AIDS cases reported, see table 213. Based on reporting by State health departments]

| CHARACTERISTIC                     | NUMBER                        |              |               |               |               |               |               |               |               |              | PERCENT DISTRIBUTION |  |
|------------------------------------|-------------------------------|--------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|--------------|----------------------|--|
|                                    | Total, 1982-1994 <sup>1</sup> | 1985         | 1988          | 1989          | 1990          | 1991          | 1992          | 1993          | 1994          | 1994         | 1982-1994            |  |
| <b>Total<sup>2</sup> . . . . .</b> | <b>258,658</b>                | <b>6,689</b> | <b>19,979</b> | <b>26,266</b> | <b>29,781</b> | <b>34,491</b> | <b>37,619</b> | <b>40,015</b> | <b>31,212</b> | <b>100.0</b> | <b>100.0</b>         |  |
| Age:                               |                               |              |               |               |               |               |               |               |               |              |                      |  |
| 13 to 19 years old . . . . .       | 850                           | 28           | 54            | 78            | 90            | 115           | 110           | 135           | 112           | 0.4          | 0.3                  |  |
| 20 to 29 years old . . . . .       | 44,770                        | 1,311        | 3,812         | 4,795         | 5,246         | 5,846         | 6,073         | 6,409         | 4,868         | 15.6         | 17.3                 |  |
| 30 to 39 years old . . . . .       | 117,759                       | 3,071        | 9,044         | 12,045        | 13,659        | 15,561        | 16,966        | 18,149        | 14,334        | 45.9         | 45.5                 |  |
| 40 to 49 years old . . . . .       | 64,639                        | 1,426        | 4,499         | 6,188         | 7,312         | 8,916         | 10,059        | 10,718        | 8,396         | 26.9         | 25.0                 |  |
| 50 to 59 years old . . . . .       | 21,415                        | 603          | 1,704         | 2,214         | 2,429         | 2,811         | 3,080         | 3,318         | 2,550         | 8.2          | 8.3                  |  |
| 60 years old and over . . . . .    | 9,225                         | 250          | 866           | 946           | 1,045         | 1,242         | 1,331         | 1,286         | 952           | 3.1          | 3.6                  |  |
| Sex:                               |                               |              |               |               |               |               |               |               |               |              |                      |  |
| Male . . . . .                     | 229,450                       | 6,230        | 17,947        | 23,682        | 26,653        | 30,624        | 33,082        | 34,714        | 26,660        | 85.4         | 88.7                 |  |
| Female . . . . .                   | 29,619                        | 468          | 2,050         | 2,616         | 3,177         | 3,920         | 4,599         | 5,392         | 4,620         | 14.8         | 11.5                 |  |
| Race/ethnicity:                    |                               |              |               |               |               |               |               |               |               |              |                      |  |
| White . . . . .                    | 137,602                       | 4,015        | 10,956        | 14,439        | 16,450        | 18,619        | 19,392        | 19,877        | 14,929        | 47.8         | 53.2                 |  |
| Black . . . . .                    | 82,556                        | 1,754        | 6,061         | 7,941         | 8,989         | 10,706        | 12,493        | 14,084        | 11,453        | 36.7         | 31.9                 |  |
| Hispanic . . . . .                 | 36,244                        | 889          | 2,798         | 3,647         | 4,105         | 4,828         | 5,404         | 5,691         | 4,488         | 14.4         | 14.0                 |  |
| Indian . . . . .                   | 537                           | 6            | 25            | 40            | 49            | 87            | 73            | 117           | 97            | 0.3          | 0.2                  |  |
| Asian . . . . .                    | 1,750                         | 29           | 129           | 180           | 195           | 240           | 246           | 281           | 280           | 0.9          | 0.7                  |  |

<sup>1</sup> Includes deaths prior to 1982. <sup>2</sup> Includes other race/ethnicity groups not shown separately.

Source: U.S. Centers for Disease Control, *Surveillance Report*, annual.

**No. 131. Death Rates From Heart Disease, by Sex and Age: 1970 to 1992**

[Deaths per 100,000 population in specified age groups. Excludes deaths of nonresidents of the United States. Beginning 1980, deaths classified according to the ninth revision of the *International Classification of Diseases*. For earlier years, classified according to the revision in use at the time; see text, section 2. See Appendix III]

| AGE AT DEATH AND SELECTED TYPE OF HEART DISEASE | MALE         |              |              |              |              | FEMALE       |              |              |              |              |
|---|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
|   | 1970         | 1980         | 1990         | 1991         | 1992         | 1970         | 1980         | 1990         | 1991         | 1992         |
| <b>Total U.S. rate<sup>1</sup> . . . . .</b>    | <b>422.5</b> | <b>368.6</b> | <b>297.6</b> | <b>292.6</b> | <b>287.2</b> | <b>304.5</b> | <b>305.1</b> | <b>281.8</b> | <b>279.5</b> | <b>275.8</b> |
| 25 to 34 years old . . . . .                    | 15.2         | 11.4         | 10.3         | 10.7         | 10.7         | 7.7          | 5.3          | 5.0          | 5.3          | 5.4          |
| 35 to 44 years old . . . . .                    | 103.2        | 68.7         | 48.1         | 47.4         | 47.8         | 32.2         | 21.4         | 15.1         | 16.0         | 16.1         |
| 45 to 54 years old . . . . .                    | 376.4        | 282.6        | 183.0        | 179.3        | 173.7        | 109.9        | 84.5         | 61.0         | 59.5         | 58.1         |
| 55 to 64 years old . . . . .                    | 987.2        | 746.8        | 537.3        | 520.8        | 503.9        | 351.6        | 272.1        | 215.7        | 210.0        | 204.9        |
| 65 to 74 years old . . . . .                    | 2,170.3      | 1,728.0      | 1,250.0      | 1,219.1      | 1,178.8      | 1,082.7      | 828.6        | 616.8        | 600.6        | 587.8        |
| 75 to 84 years old . . . . .                    | 4,534.8      | 3,834.3      | 2,968.2      | 2,850.9      | 2,754.0      | 3,120.8      | 2,497.0      | 1,893.8      | 1,836.9      | 1,776.2      |
| 85 years old and over . . . . .                 | 8,426.2      | 8,752.7      | 7,418.4      | 7,262.4      | 7,156.5      | 7,591.8      | 7,350.5      | 6,478.1      | 6,362.5      | 6,263.1      |
| Persons 45 to 54 years old:                     |              |              |              |              |              |              |              |              |              |              |
| Ischemic heart . . . . .                        | 338.0        | 217.3        | 123.8        | 119.6        | 114.9        | 84.0         | 52.2         | 33.6         | 33.4         | 31.6         |
| Rheumatic heart . . . . .                       | 11.4         | 3.1          | 1.1          | 1.0          | 1.2          | 10.6         | 4.3          | 1.9          | 1.8          | 1.6          |
| Hypertensive heart <sup>2</sup> . . . . .       | 4.6          | 8.3          | 7.6          | 8.0          | 7.6          | 4.0          | 5.5          | 4.3          | 4.0          | 4.1          |
| Persons 55 to 64 years old:                     |              |              |              |              |              |              |              |              |              |              |
| Ischemic heart . . . . .                        | 904.6        | 581.1        | 375.4        | 360.3        | 345.1        | 299.1        | 189.0        | 135.4        | 133.1        | 126.7        |
| Rheumatic heart . . . . .                       | 21.5         | 6.2          | 3.4          | 3.0          | 2.6          | 20.8         | 9.2          | 4.7          | 4.6          | 4.3          |
| Hypertensive heart <sup>2</sup> . . . . .       | 11.7         | 21.8         | 18.1         | 18.4         | 18.9         | 9.1          | 13.3         | 10.9         | 10.4         | 11.4         |
| Persons 65 to 74 years old:                     |              |              |              |              |              |              |              |              |              |              |
| Ischemic heart . . . . .                        | 2,010.0      | 1,355.5      | 898.5        | 870.2        | 837.5        | 978.0        | 605.3        | 415.2        | 398.9        | 387.9        |
| Rheumatic heart . . . . .                       | 31.9         | 11.8         | 7.1          | 6.3          | 5.7          | 30.2         | 18.6         | 10.5         | 10.4         | 9.9          |
| Hypertensive heart <sup>2</sup> . . . . .       | 30.6         | 44.3         | 33.2         | 31.5         | 32.5         | 24.8         | 36.2         | 25.9         | 24.6         | 24.5         |
| Persons 75 to 84 years old:                     |              |              |              |              |              |              |              |              |              |              |
| Ischemic heart . . . . .                        | 4,222.7      | 2,953.7      | 2,129.6      | 2,032.3      | 1,961.2      | 2,866.3      | 1,842.7      | 1,287.6      | 1,236.9      | 1,186.1      |
| Rheumatic heart . . . . .                       | 34.8         | 16.7         | 12.3         | 12.8         | 12.1         | 34.3         | 25.4         | 22.5         | 22.2         | 20.7         |
| Hypertensive heart <sup>2</sup> . . . . .       | 80.8         | 90.7         | 67.9         | 68.4         | 64.8         | 83.9         | 101.1        | 69.7         | 68.7         | 66.9         |
| Persons 85 years old and over:                  |              |              |              |              |              |              |              |              |              |              |
| Ischemic heart . . . . .                        | 7,781.5      | 6,501.6      | 5,120.7      | 4,964.5      | 4,878.3      | 6,951.5      | 5,280.6      | 4,257.8      | 4,145.9      | 4,056.4      |
| Rheumatic heart . . . . .                       | 34.7         | 19.5         | 18.7         | 22.7         | 19.9         | 39.2         | 25.8         | 33.3         | 31.8         | 30.0         |
| Hypertensive heart <sup>2</sup> . . . . .       | 182.0        | 180.3        | 154.3        | 155.2        | 157.8        | 223.5        | 250.8        | 212.1        | 214.7        | 216.4        |

<sup>1</sup> Includes persons under 25 years old not shown separately. <sup>2</sup> With or without renal disease.

Source: U.S. National Center for Health Statistics, *Vital Statistics of the United States*, annual; and unpublished data.

## No. 132. Death Rates From Cancer, by Sex and Age: 1970 to 1992

[Deaths per 100,000 population in the specified age groups. See headnote, table 131]

| AGE AT DEATH AND SELECTED<br>TYPE OF CANCER                      | MALE         |              |              |              |              | FEMALE       |              |              |              |              |
|--|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
|  | 1970         | 1980         | 1990         | 1991         | 1992         | 1970         | 1980         | 1990         | 1991         | 1992         |
| <b>Total</b> . . . . .   | <b>182.1</b> | <b>205.3</b> | <b>221.3</b> | <b>221.5</b> | <b>220.8</b> | <b>144.4</b> | <b>163.6</b> | <b>186.0</b> | <b>187.5</b> | <b>188.2</b> |
| 25 to 34 years . . . . .   | 16.3         | 13.4         | 12.6         | 12.2         | 12.1         | 16.7         | 14.0         | 12.6         | 12.6         | 12.9         |
| 35 to 44 years . . . . .   | 53.0         | 44.0         | 38.5         | 38.8         | 38.1         | 65.6         | 53.1         | 48.1         | 47.2         | 46.5         |
| 45 to 54 years . . . . .   | 183.5        | 188.7        | 162.5        | 159.0        | 153.8        | 181.5        | 171.8        | 155.5        | 151.3        | 147.0        |
| 55 to 64 years . . . . .   | 511.8        | 520.8        | 532.9        | 525.7        | 513.4        | 343.2        | 361.7        | 375.2        | 379.1        | 369.7        |
| 65 to 74 years . . . . .   | 1,006.8      | 1,093.2      | 1,122.2      | 1,120.4      | 1,111.1      | 557.9        | 607.1        | 677.4        | 676.9        | 686.5        |
| 75 to 84 years . . . . .   | 1,588.3      | 1,790.5      | 1,914.4      | 1,898.4      | 1,882.7      | 891.9        | 903.1        | 1,010.3      | 1,020.7      | 1,025.6      |
| 85 years old and over . . . . .                                  | 1,720.8      | 2,369.5      | 2,739.9      | 2,753.3      | 2,802.3      | 1,096.7      | 1,255.7      | 1,372.1      | 1,395.2      | 1,393.9      |
| Persons, 35 to 44 years old:                                     |              |              |              |              |              |              |              |              |              |              |
| Respiratory, intrathoracic . . . . .                             | 17.0         | 12.6         | 9.1          | 8.6          | 8.6          | 6.5          | 6.8          | 5.4          | 5.5          | 5.6          |
| Digestive organs, peritoneum . . . . .                           | 11.4         | 9.5          | 8.9          | 9.2          | 9.1          | 8.6          | 6.5          | 5.5          | 5.7          | 5.7          |
| Breast . . . . .   | 0.1          | -            | (B)          | (B)          | 0.0          | 20.4         | 17.9         | 17.8         | 16.9         | 16.1         |
| Genital organs . . . . .   | 1.4          | 0.7          | 0.6          | 0.7          | 0.6          | 13.6         | 8.3          | 7.3          | 7.1          | 7.3          |
| Lymphatic and hematopoietic<br>tissues, excl. leukemia . . . . . | 5.6          | 4.3          | 4.5          | 5.1          | 4.9          | 3.2          | 2.4          | 2.1          | 2.2          | 2.2          |
| Urinary organs . . . . .   | 1.9          | 1.4          | 1.5          | 1.5          | 1.4          | 1.0          | 0.6          | 0.6          | 0.7          | 0.7          |
| Lip, oral cavity, and pharynx . . . . .                          | 1.7          | 1.8          | 1.3          | 1.3          | 1.2          | 0.7          | 0.5          | 0.3          | 0.3          | 0.4          |
| Leukemia . . . . .   | 3.4          | 3.2          | 2.5          | 2.3          | 2.5          | 2.8          | 2.6          | 2.2          | 2.0          | 1.8          |
| Persons, 45 to 54 years old:                                     |              |              |              |              |              |              |              |              |              |              |
| Respiratory, intrathoracic . . . . .                             | 72.1         | 79.8         | 63.0         | 60.6         | 57.7         | 22.2         | 34.8         | 35.3         | 33.8         | 32.5         |
| Digestive organs, peritoneum . . . . .                           | 45.9         | 44.3         | 40.4         | 38.2         | 37.6         | 32.5         | 27.8         | 23.3         | 22.3         | 21.6         |
| Breast . . . . .   | 0.4          | 0.2          | 0.3          | (B)          | 0.2          | 52.6         | 48.1         | 45.4         | 44.3         | 42.8         |
| Genital organs . . . . .   | 3.4          | 3.4          | 2.9          | 3.0          | 2.7          | 34.4         | 24.1         | 19.4         | 18.4         | 18.2         |
| Lymphatic and hematopoietic<br>tissues, excl. leukemia . . . . . | 12.8         | 10.2         | 10.9         | 11.0         | 10.8         | 8.3          | 6.6          | 6.0          | 6.4          | 6.1          |
| Urinary organs . . . . .   | 8.0          | 7.4          | 7.2          | 7.1          | 7.4          | 3.5          | 3.3          | 2.9          | 3.0          | 2.8          |
| Lip, oral cavity, and pharynx . . . . .                          | 7.9          | 8.2          | 5.9          | 6.1          | 5.5          | 2.8          | 2.6          | 1.6          | 1.6          | 1.6          |
| Leukemia . . . . .   | 6.6          | 6.2          | 5.6          | 5.5          | 5.2          | 4.9          | 4.4          | 4.1          | 4.0          | 4.0          |
| Persons, 55 to 64 years old:                                     |              |              |              |              |              |              |              |              |              |              |
| Respiratory, intrathoracic . . . . .                             | 202.3        | 223.8        | 232.6        | 226.0        | 217.0        | 38.9         | 74.5         | 107.6        | 107.0        | 108.4        |
| Digestive organs, peritoneum . . . . .                           | 139.0        | 129.3        | 124.0        | 125.4        | 123.6        | 86.0         | 79.1         | 69.3         | 70.0         | 67.8         |
| Breast . . . . .   | 0.6          | 0.7          | 0.6          | 0.5          | 0.5          | 77.6         | 80.5         | 78.6         | 79.1         | 73.6         |
| Genital organs . . . . .   | 22.8         | 23.5         | 27.9         | 26.8         | 26.6         | 58.2         | 46.8         | 40.1         | 40.3         | 39.2         |
| Lymphatic and hematopoietic<br>tissues, excl. leukemia . . . . . | 27.1         | 24.4         | 27.2         | 26.7         | 26.5         | 17.7         | 16.8         | 16.7         | 18.1         | 17.3         |
| Urinary organs . . . . .   | 26.4         | 22.9         | 23.5         | 23.2         | 23.1         | 9.4          | 8.9          | 8.8          | 9.6          | 9.1          |
| Lip, oral cavity, and pharynx . . . . .                          | 20.1         | 17.9         | 16.2         | 14.7         | 14.8         | 6.2          | 6.0          | 4.7          | 5.3          | 4.4          |
| Leukemia . . . . .   | 15.4         | 14.7         | 14.7         | 14.6         | 14.9         | 9.0          | 9.3          | 8.8          | 9.1          | 9.0          |
| Persons, 65 to 74 years old:                                     |              |              |              |              |              |              |              |              |              |              |
| Respiratory, intrathoracic . . . . .                             | 340.7        | 422.0        | 447.3        | 446.0        | 439.8        | 45.6         | 106.1        | 181.7        | 185.8        | 195.3        |
| Digestive organs, peritoneum . . . . .                           | 293.3        | 284.1        | 267.4        | 262.6        | 263.5        | 185.8        | 173.6        | 153.0        | 149.7        | 148.4        |
| Breast . . . . .   | 1.4          | 1.1          | 1.1          | 1.1          | 1.1          | 93.8         | 101.1        | 111.7        | 108.6        | 109.3        |
| Genital organs . . . . .   | 103.7        | 107.6        | 123.5        | 122.1        | 122.0        | 85.6         | 73.6         | 71.0         | 70.2         | 70.5         |
| Lymphatic and hematopoietic<br>tissues, excl. leukemia . . . . . | 50.3         | 48.1         | 56.8         | 57.9         | 58.7         | 34.6         | 34.4         | 39.5         | 41.1         | 41.0         |
| Urinary organs . . . . .   | 60.3         | 56.9         | 50.7         | 52.8         | 51.2         | 20.1         | 19.7         | 19.8         | 19.7         | 19.8         |
| Lip, oral cavity, and pharynx . . . . .                          | 26.8         | 25.4         | 21.5         | 20.6         | 20.3         | 6.7          | 8.8          | 8.3          | 7.8          | 7.8          |
| Leukemia . . . . .   | 35.3         | 35.3         | 36.0         | 36.1         | 36.0         | 19.3         | 18.7         | 18.8         | 19.3         | 19.0         |
| Persons, 75 to 84 years old:                                     |              |              |              |              |              |              |              |              |              |              |
| Respiratory, intrathoracic . . . . .                             | 354.2        | 511.5        | 594.4        | 593.9        | 587.5        | 56.5         | 98.0         | 194.5        | 207.1        | 216.0        |
| Digestive organs, peritoneum . . . . .                           | 507.5        | 496.6        | 468.0        | 454.1        | 444.0        | 353.3        | 326.3        | 293.3        | 290.0        | 288.7        |
| Breast . . . . .   | 2.7          | 2.1          | 1.6          | 1.7          | 2.0          | 127.4        | 128.4        | 146.3        | 145.1        | 140.8        |
| Genital organs . . . . .   | 299.4        | 315.4        | 358.5        | 363.5        | 355.7        | 104.9        | 95.7         | 95.3         | 94.8         | 97.2         |
| Lymphatic and hematopoietic<br>tissues, excl. leukemia . . . . . | 74.0         | 80.0         | 104.5        | 104.1        | 106.5        | 49.4         | 57.8         | 71.2         | 75.4         | 74.6         |
| Urinary organs . . . . .   | 112.2        | 112.4        | 107.5        | 103.5        | 104.5        | 44.0         | 37.4         | 38.5         | 38.5         | 40.0         |
| Lip, oral cavity, and pharynx . . . . .                          | 36.6         | 31.4         | 26.1         | 25.7         | 23.3         | 10.8         | 10.9         | 11.6         | 11.3         | 10.9         |
| Leukemia . . . . .   | 68.3         | 71.5         | 71.9         | 69.7         | 72.3         | 39.6         | 38.5         | 38.8         | 39.8         | 38.0         |
| Persons, 85 years old and over:                                  |              |              |              |              |              |              |              |              |              |              |
| Respiratory, intrathoracic . . . . .                             | 215.3        | 386.3        | 538.0        | 552.1        | 545.4        | 56.5         | 96.3         | 142.8        | 154.4        | 160.8        |
| Digestive organs, peritoneum . . . . .                           | 583.7        | 705.8        | 699.5        | 688.2        | 683.7        | 465.0        | 504.3        | 497.6        | 495.6        | 495.1        |
| Breast . . . . .   | 2.9          | 2.6          | 2.4          | 4.1          | 4.4          | 157.1        | 169.3        | 196.8        | 197.9        | 195.5        |
| Genital organs . . . . .   | 434.2        | 612.3        | 750.0        | 781.0        | 808.1        | 107.3        | 115.9        | 115.6        | 117.8        | 115.8        |
| Lymphatic and hematopoietic<br>tissues, excl. leukemia . . . . . | 58.1         | 93.2         | 140.5        | 140.7        | 138.8        | 41.7         | 63.0         | 90.0         | 92.8         | 92.5         |
| Urinary organs . . . . .   | 140.5        | 177.0        | 186.3        | 186.2        | 192.8        | 59.9         | 63.8         | 68.5         | 67.7         | 69.6         |
| Lip, oral cavity, and pharynx . . . . .                          | 47.0         | 40.2         | 37.4         | 31.9         | 32.8         | 19.2         | 16.0         | 17.5         | 17.1         | 16.9         |
| Leukemia . . . . .   | 83.3         | 117.1        | 116.0        | 111.7        | 116.8        | 50.9         | 61.1         | 65.0         | 70.0         | 67.7         |

- Represents zero. B Base figure too small to meet statistical standards for reliability of a derived figure. <sup>1</sup> Includes persons under 25 years of age and malignant neoplasms of other and unspecified sites, not shown separately.

Source: U.S. National Center for Health Statistics, *Vital Statistics of the United States*, annual; and unpublished data.

**No. 133. Death Rates From Accidents and Violence: 1990 to 1992**

[Rates are per 100,000 population. Excludes deaths of nonresidents of the United States. Beginning 1980, deaths classified according to the ninth revision of the *International Classification of Diseases*. For earlier years, classified according to the revisions in use at the time; see text, section 2. See Appendix III]

| CAUSE OF DEATH AND AGE              | WHITE       |             |             |             |             |             | BLACK        |              |              |             |             |             |
|-------------------------------------|-------------|-------------|-------------|-------------|-------------|-------------|--------------|--------------|--------------|-------------|-------------|-------------|
|                                     | Male        |             |             | Female      |             |             | Male         |              |              | Female      |             |             |
|                                     | 1990        | 1991        | 1992        | 1990        | 1991        | 1992        | 1990         | 1991         | 1992         | 1990        | 1991        | 1992        |
| <b>Total</b> <sup>1</sup> . . . . . | <b>81.2</b> | <b>78.7</b> | <b>76.2</b> | <b>32.1</b> | <b>31.5</b> | <b>30.4</b> | <b>142.0</b> | <b>143.9</b> | <b>134.5</b> | <b>38.6</b> | <b>38.4</b> | <b>36.7</b> |
| Motor vehicle accidents . . . . .   | 26.1        | 24.4        | 22.4        | 11.4        | 10.8        | 10.2        | 28.1         | 25.6         | 24.0         | 9.4         | 8.7         | 8.8         |
| All other accidents . . . . .       | 23.6        | 23.3        | 23.4        | 12.4        | 12.6        | 12.4        | 32.7         | 34.2         | 30.9         | 13.4        | 13.5        | 12.7        |
| Suicide . . . . .                   | 22.0        | 21.7        | 21.2        | 5.3         | 5.2         | 5.1         | 12.0         | 12.1         | 12.0         | 2.3         | 1.9         | 2.0         |
| Homicide . . . . .                  | 9.0         | 9.3         | 9.1         | 2.8         | 3.0         | 2.8         | 69.2         | 72.0         | 67.5         | 13.5        | 14.2        | 13.1        |
| 15 to 24 years old . . . . .        | 107.3       | 104.2       | 97.4        | 30.5        | 31.2        | 28.4        | 208.0        | 231.9        | 222.2        | 34.9        | 37.0        | 34.9        |
| 25 to 34 years old . . . . .        | 97.4        | 94.2        | 90.4        | 26.0        | 24.7        | 23.6        | 218.1        | 213.8        | 193.6        | 48.1        | 47.7        | 46.1        |
| 35 to 44 years old . . . . .        | 82.3        | 78.5        | 80.3        | 24.4        | 23.5        | 23.5        | 176.6        | 171.8        | 159.8        | 38.5        | 40.0        | 38.9        |
| 45 to 54 years old . . . . .        | 73.5        | 72.9        | 69.8        | 25.3        | 25.2        | 24.2        | 138.5        | 132.4        | 132.9        | 30.7        | 33.1        | 29.5        |
| 55 to 64 years old . . . . .        | 79.5        | 75.6        | 73.0        | 29.4        | 26.6        | 25.7        | 129.9        | 124.7        | 118.7        | 36.1        | 32.5        | 31.8        |
| 65 years old and over . . . . .     | 150.7       | 147.4       | 145.4       | 80.1        | 79.6        | 78.6        | 175.5        | 182.2        | 165.7        | 81.6        | 78.6        | 72.6        |
| 65 to 74 years old . . . . .        | 99.7        | 94.8        | 94.0        | 40.5        | 39.0        | 38.7        | 141.8        | 142.6        | 130.8        | 50.4        | 48.1        | 43.9        |
| 75 to 84 years old . . . . .        | 195.7       | 190.5       | 186.2       | 89.4        | 87.1        | 83.9        | 206.1        | 213.5        | 201.4        | 95.8        | 89.7        | 89.5        |
| 85 years old and over . . . . .     | 428.3       | 433.3       | 421.4       | 232.4       | 234.8       | 234.2       | 359.1        | 373.9        | 340.0        | 213.0       | 209.8       | 178.4       |

<sup>1</sup> Includes persons under 15 years old, not shown separately.

**No. 134. Deaths and Death Rates From Accidents, by Type: 1970 to 1992**

[See headnote, table 133 and Appendix III. See also *Historical Statistics, Colonial Times to 1970*, series B 163-165]

| TYPE OF ACCIDENT   | DEATHS (number) |                |               |               |               | RATE PER 100,000 POPULATION |             |             |             |             |
|--|-----------------|----------------|---------------|---------------|---------------|-----------------------------|-------------|-------------|-------------|-------------|
|  | 1970            | 1980           | 1990          | 1991          | 1992          | 1970                        | 1980        | 1990        | 1991        | 1992        |
| <b>Total</b> . . . . .   | <b>114,638</b>  | <b>105,718</b> | <b>91,983</b> | <b>89,347</b> | <b>86,777</b> | <b>56.4</b>                 | <b>46.7</b> | <b>37.0</b> | <b>35.4</b> | <b>34.0</b> |
| Motor vehicle accidents . . . . .                                  | 54,633          | 53,172         | 46,814        | 43,536        | 40,982        | 26.9                        | 23.5        | 18.8        | 17.3        | 16.1        |
| Traffic . . . . .  | 53,493          | 51,930         | 45,827        | 42,621        | 39,985        | 26.3                        | 22.9        | 18.4        | 16.9        | 15.7        |
| Nontraffic . . . . .   | 1,140           | 1,242          | 987           | 915           | 997           | 0.6                         | 0.5         | 0.4         | 0.4         | 0.4         |
| Water-transport accidents . . . . .                                | 1,651           | 1,429          | 923           | 851           | 837           | 0.8                         | 0.6         | 0.4         | 0.3         | 0.3         |
| Air and space transport accidents . . . . .                        | 1,612           | 1,494          | 941           | 1,000         | 1,094         | 0.8                         | 0.7         | 0.4         | 0.4         | 0.4         |
| Railway accidents . . . . .  | 852             | 632            | 663           | 651           | 642           | 0.4                         | 0.3         | 0.3         | 0.3         | 0.3         |
| Accidental falls . . . . .   | 16,926          | 13,294         | 12,313        | 12,662        | 12,646        | 8.3                         | 5.9         | 5.0         | 5.0         | 5.0         |
| Fall from one level to another . . . . .                           | 4,798           | 3,743          | 3,194         | 3,291         | 3,091         | 2.4                         | 1.7         | 1.3         | 1.3         | 1.2         |
| Fall on the same level . . . . .                                   | 828             | 415            | 499           | 474           | 483           | 0.4                         | 0.2         | 0.2         | 0.2         | 0.2         |
| Fracture, cause unspecified, and other unspecified falls . . . . . | 11,300          | 9,136          | 8,620         | 8,897         | 9,072         | 5.6                         | 4.0         | 3.5         | 3.5         | 3.6         |
| Accidental drowning . . . . .                                      | 6,391           | 6,043          | 3,979         | 3,967         | 3,524         | 3.1                         | 2.7         | 1.6         | 1.6         | 1.4         |
| Accidents caused by—   |                 |                |               |               |               |                             |             |             |             |             |
| Fires and flames . . . . .   | 6,718           | 5,822          | 4,175         | 4,120         | 3,958         | 3.3                         | 2.6         | 1.7         | 1.6         | 1.6         |
| Firearms . . . . .   | 2,406           | 1,955          | 1,416         | 1,441         | 1,409         | 1.2                         | 0.9         | 0.6         | 0.6         | 0.6         |
| Electric current . . . . .   | 1,140           | 1,095          | 670           | 626           | 525           | 0.6                         | 0.5         | 0.3         | 0.2         | 0.2         |
| Accidental poisoning by—   |                 |                |               |               |               |                             |             |             |             |             |
| Drugs and medicines . . . . .                                      | 2,505           | 2,492          | 4,506         | 5,215         | 5,951         | 1.2                         | 1.1         | 1.8         | 2.1         | 2.3         |
| Other solid and liquid substances . . . . .                        | 1,174           | 597            | 549           | 483           | 498           | 0.6                         | 0.3         | 0.2         | 0.2         | 0.2         |
| Gases and vapors . . . . .   | 1,620           | 1,242          | 748           | 736           | 633           | 0.8                         | 0.5         | 0.3         | 0.3         | 0.2         |
| Complications due to medical procedures . . . . .                  | 3,581           | 2,437          | 2,669         | 2,473         | 2,669         | 1.8                         | 1.1         | 1.1         | 1.0         | 1.0         |
| Inhalation and ingestion of objects . . . . .                      | 2,753           | 3,249          | 3,303         | 3,240         | 3,128         | 1.4                         | 1.5         | 1.3         | 1.3         | 1.2         |

**No. 135. Suicides, by Sex and Method Used: 1970 to 1992**

[Excludes deaths of nonresidents of the United States. Beginning 1979, deaths classified according to the ninth revision of the *International Classification of Diseases*. For earlier years, classified according to the revision in use at the time; see text, section 2. See also *Historical Statistics, Colonial Times to 1970*, series H 979-986]

| METHOD   | MALE          |               |               |               |               |               | FEMALE       |              |              |              |              |              |
|--|---------------|---------------|---------------|---------------|---------------|---------------|--------------|--------------|--------------|--------------|--------------|--------------|
|  | 1970          | 1980          | 1985          | 1990          | 1991          | 1992          | 1970         | 1980         | 1985         | 1990         | 1991         | 1992         |
| <b>Total</b> . . . . .                           | <b>16,629</b> | <b>20,505</b> | <b>23,145</b> | <b>24,724</b> | <b>24,769</b> | <b>24,457</b> | <b>6,851</b> | <b>6,364</b> | <b>6,308</b> | <b>6,182</b> | <b>6,041</b> | <b>6,027</b> |
| Firearms <sup>1</sup> . . . . .                  | 9,704         | 12,937        | 14,809        | 16,285        | 16,120        | 15,802        | 2,068        | 2,459        | 2,554        | 2,600        | 2,406        | 2,367        |
| Percent of total . . . . .                       | 58            | 63            | 64            | 66            | 65            | 65            | 30           | 39           | 41           | 42           | 40           | 39           |
| Poisoning <sup>2</sup> . . . . .                 | 3,299         | 2,997         | 3,319         | 3,221         | 3,316         | 3,262         | 3,285        | 2,456        | 2,385        | 2,203        | 2,228        | 2,233        |
| Hanging and strangulation <sup>3</sup> . . . . . | 2,422         | 2,997         | 3,532         | 3,688         | 3,751         | 3,822         | 831          | 694          | 732          | 756          | 810          | 856          |
| Other . . . . .                                  | 1,204         | 1,574         | 1,485         | 1,530         | 1,582         | 1,571         | 667          | 755          | 637          | 623          | 597          | 571          |

<sup>1</sup> Includes explosives in 1970. <sup>2</sup> Includes solids, liquids, and gases. <sup>3</sup> Includes suffocation. <sup>4</sup> Beginning 1980, includes explosives.

Source of tables 133-135: U.S. National Center for Health Statistics, *Vital Statistics of the United States*, annual; and unpublished data.

## No. 136. Suicide Rates, by Sex, Race, and Age Group: 1980 to 1992

[See headnote, tables 128 and 133]

| AGE                             | TOTAL <sup>1</sup> |      |      | MALE  |      |      |       |      |      | FEMALE |      |      |       |      |      |
|---------------------------------|--------------------|------|------|-------|------|------|-------|------|------|--------|------|------|-------|------|------|
|                                 | 1980               | 1990 | 1992 | White |      |      | Black |      |      | White  |      |      | Black |      |      |
|                                 |                    |      |      | 1980  | 1990 | 1992 | 1980  | 1990 | 1992 | 1980   | 1990 | 1992 | 1980  | 1990 | 1992 |
| All ages <sup>2</sup> . . . . . | 11.9               | 12.4 | 12.0 | 19.9  | 22.0 | 21.2 | 10.3  | 12.0 | 12.0 | 5.9    | 5.3  | 5.1  | 2.2   | 2.3  | 2.0  |
| 10 to 14 years old . . . . .    | 0.8                | 1.5  | 1.7  | 1.4   | 2.3  | 2.6  | 0.5   | 1.6  | 2.0  | 0.3    | 0.9  | 1.1  | 0.1   | (B)  | (B)  |
| 15 to 19 years old . . . . .    | 8.5                | 11.1 | 10.8 | 15.0  | 19.3 | 18.4 | 5.6   | 11.5 | 14.8 | 3.3    | 4.0  | 3.7  | 1.6   | 1.9  | 1.9  |
| 20 to 24 years old . . . . .    | 16.1               | 15.1 | 14.9 | 27.8  | 26.8 | 26.6 | 20.0  | 19.0 | 21.2 | 5.9    | 4.4  | 4.0  | 3.1   | 2.6  | 2.4  |
| 25 to 34 years old . . . . .    | 16.0               | 15.2 | 14.5 | 25.6  | 25.6 | 25.1 | 21.8  | 21.9 | 20.7 | 7.5    | 6.0  | 5.4  | 4.1   | 3.7  | 3.3  |
| 35 to 44 years old . . . . .    | 15.4               | 15.3 | 15.1 | 23.5  | 25.3 | 25.2 | 15.6  | 16.9 | 16.9 | 9.1    | 7.4  | 7.2  | 4.6   | 4.0  | 3.3  |
| 45 to 54 years old . . . . .    | 15.9               | 14.8 | 14.7 | 24.2  | 24.8 | 24.0 | 12.0  | 14.8 | 12.4 | 10.2   | 7.5  | 7.9  | 2.8   | 3.2  | 3.0  |
| 55 to 64 years old . . . . .    | 15.9               | 16.0 | 14.8 | 25.8  | 27.5 | 26.0 | 11.7  | 10.8 | 10.1 | 9.1    | 8.0  | 7.2  | 2.3   | 2.6  | 2.0  |
| 65 to 74 years over . . . . .   | 16.9               | 17.9 | 16.5 | 32.5  | 34.2 | 32.0 | 11.1  | 14.7 | 11.8 | 7.0    | 7.2  | 6.3  | 1.7   | 2.6  | (B)  |
| 75 to 84 years over . . . . .   | 19.1               | 24.9 | 22.8 | 45.5  | 60.2 | 53.0 | 10.5  | 14.4 | 18.5 | 5.7    | 6.7  | 6.6  | 1.4   | (B)  | (B)  |
| 85 years and over . . . . .     | 19.2               | 22.2 | 21.9 | 52.8  | 70.3 | 67.6 | 18.9  | (B)  | (B)  | 5.8    | 5.4  | 6.3  | 0.1   | (B)  | (B)  |

B Base figure too small to meet statistical standards for reliability of a derived figure. <sup>1</sup> Includes other races not shown separately. <sup>2</sup> Includes other age groups not shown separately.

Source: U.S. National Center for Health Statistics, *Monthly Vital Statistics Report*; and unpublished data.

## No. 137. Firearm Mortality Among Children, Youth, and Young Adults, 1 to 34 Years Old: 1992

[Death rate per 100,000 population. Deaths classified according to the ninth revision of the *International Classification of Diseases*]

| ITEM                       | Under 5 years old | 5 to 9 years old | 10 to 14 years old | 15 to 19 years old | 20 to 24 years old | 25 to 29 years old | 30 to 34 years old |
|----------------------------|-------------------|------------------|--------------------|--------------------|--------------------|--------------------|--------------------|
| <b>MALE</b>                |                   |                  |                    |                    |                    |                    |                    |
| Total: White . . . . .     | 0.5               | 0.5              | 4.6                | 29.1               | 34.6               | 29.0               | 26.0               |
| Black . . . . .            | 1.4               | 1.5              | 11.5               | 140.5              | 184.3              | 129.4              | 94.8               |
| Accidents: White . . . . . | 0.1               | 0.3              | 1.6                | 2.9                | 1.6                | 1.0                | 0.8                |
| Black . . . . .            | 0.2               | 0.6              | 2.0                | 6.3                | 4.7                | 2.2                | 1.2                |
| Suicide: White . . . . .   | (X)               | (X)              | 1.5                | 13.6               | 17.7               | 15.3               | 14.9               |
| Black . . . . .            | (X)               | (X)              | 1.1                | 9.0                | 14.4               | 13.4               | 10.5               |
| Homicide: White . . . . .  | 0.3               | 0.3              | 1.4                | 11.8               | 14.9               | 12.3               | 10.1               |
| Black . . . . .            | 1.1               | 0.9              | 8.2                | 123.6              | 164.4              | 113.4              | 82.9               |
| <b>FEMALE</b>              |                   |                  |                    |                    |                    |                    |                    |
| Total: White . . . . .     | 0.4               | 0.3              | 1.0                | 4.6                | 5.1                | 4.9                | 5.5                |
| Black . . . . .            | 1.5               | 0.5              | 3.0                | 12.7               | 17.7               | 16.5               | 13.9               |
| Accidents: White . . . . . | 0.1               | 0.1              | 0.1                | 0.2                | 0.2                | 0.1                | 0.1                |
| Black . . . . .            | 0.4               | 0.1              | 0.2                | 0.2                | (X)                | 0.1                | 0.1                |
| Suicide: White . . . . .   | (X)               | (X)              | 0.4                | 2.1                | 2.0                | 2.4                | 2.8                |
| Black . . . . .            | (X)               | (X)              | 0.1                | 0.8                | 0.7                | 1.9                | 0.7                |
| Homicide: White . . . . .  | 0.3               | 0.2              | 0.5                | 2.2                | 2.7                | 2.3                | 2.4                |
| Black . . . . .            | 1.1               | 0.4              | 2.7                | 11.2               | 16.8               | 14.4               | 13.1               |

X Not applicable.

Source: U.S. National Center for Health Statistics, *Advance Data from Vital and Health Statistics*, No. 231.



**No. 138. Deaths and Death Rates for Injury by Firearms,  
by Race and Sex: 1980 to 1992**

[Age-adjusted rates per 100,000]

| YEAR                     | ALL RACES  |        |        | WHITE      |        |        | ALL OTHER  |        |        |            |       |        |  |
|--------------------------|------------|--------|--------|------------|--------|--------|------------|--------|--------|------------|-------|--------|--|
|                          | Both sexes | Male   | Female | Both sexes | Male   | Female | Total      |        |        | Black      |       |        |  |
|                          |            |        |        |            |        |        | Both sexes | Male   | Female | Both sexes | Male  | Female |  |
| <b>NUMBER</b>            |            |        |        |            |        |        |            |        |        |            |       |        |  |
| 1980                     | 33,780     | 28,322 | 5,458  | 24,849     | 20,714 | 4,135  | 8,931      | 7,608  | 1,323  | 8,505      | 7,265 | 1,240  |  |
| 1985                     | 31,566     | 26,382 | 5,184  | 24,507     | 20,389 | 4,118  | 7,059      | 5,993  | 1,066  | 6,565      | 5,584 | 981    |  |
| 1990                     | 37,155     | 31,736 | 5,419  | 26,299     | 22,249 | 4,050  | 10,856     | 9,487  | 1,369  | 10,175     | 8,922 | 1,253  |  |
| 1991                     | 38,317     | 32,882 | 5,435  | 26,455     | 22,448 | 4,007  | 11,862     | 10,434 | 1,428  | 11,025     | 9,733 | 1,292  |  |
| 1992                     | 37,776     | 32,425 | 5,351  | 26,120     | 22,208 | 3,912  | 11,656     | 10,217 | 1,439  | 10,906     | 9,581 | 1,325  |  |
| <b>RATE <sup>1</sup></b> |            |        |        |            |        |        |            |        |        |            |       |        |  |
| 1980                     | 14.8       | 25.3   | 4.8    | 12.4       | 21.1   | 4.2    | 29.1       | 53.0   | 8.1    | 33.5       | 61.8  | 9.1    |  |
| 1985                     | 12.7       | 21.8   | 4.2    | 11.4       | 19.4   | 3.9    | 19.7       | 35.4   | 5.7    | 23.2       | 42.2  | 6.5    |  |
| 1990                     | 14.6       | 25.4   | 4.2    | 11.9       | 20.5   | 3.7    | 26.9       | 48.9   | 6.5    | 33.4       | 61.5  | 7.8    |  |
| 1991                     | 15.2       | 26.4   | 4.2    | 12.0       | 20.7   | 3.7    | 29.0       | 52.9   | 6.6    | 35.9       | 66.4  | 8.0    |  |
| 1992                     | 14.9       | 25.9   | 4.1    | 11.8       | 20.4   | 3.6    | 28.0       | 50.9   | 6.6    | 35.1       | 64.5  | 8.0    |  |

<sup>1</sup> Age-adjusted death rate. For method of computation see source.

**No. 139. Deaths and Death Rates for Drug-Induced Causes,  
by Race and Sex: 1980 to 1992**

[Age-adjusted rates per 100,000]

| YEAR                     | ALL RACES  |       |        | WHITE      |       |        | ALL OTHER  |       |        |            |       |        |  |
|--------------------------|------------|-------|--------|------------|-------|--------|------------|-------|--------|------------|-------|--------|--|
|                          | Both sexes | Male  | Female | Both sexes | Male  | Female | Total      |       |        | Black      |       |        |  |
|                          |            |       |        |            |       |        | Both sexes | Male  | Female | Both sexes | Male  | Female |  |
| <b>NUMBER</b>            |            |       |        |            |       |        |            |       |        |            |       |        |  |
| 1980                     | 6,900      | 3,771 | 3,129  | 5,814      | 3,088 | 2,726  | 1,086      | 683   | 403    | 1,006      | 648   | 358    |  |
| 1985                     | 8,663      | 5,342 | 3,321  | 6,946      | 4,172 | 2,774  | 1,717      | 1,170 | 547    | 1,600      | 1,107 | 493    |  |
| 1990                     | 9,463      | 5,897 | 3,566  | 7,603      | 4,646 | 2,957  | 1,860      | 1,251 | 609    | 1,703      | 1,155 | 548    |  |
| 1991                     | 10,388     | 6,593 | 3,795  | 8,204      | 5,129 | 3,075  | 2,184      | 1,464 | 720    | 2,037      | 1,385 | 652    |  |
| 1992                     | 11,703     | 7,766 | 3,937  | 9,360      | 6,124 | 3,236  | 2,343      | 1,642 | 701    | 2,148      | 1,533 | 615    |  |
| <b>RATE <sup>1</sup></b> |            |       |        |            |       |        |            |       |        |            |       |        |  |
| 1980                     | 3.0        | 3.4   | 2.6    | 2.9        | 3.2   | 2.6    | 3.7        | 4.9   | 2.5    | 4.1        | 5.8   | 2.7    |  |
| 1985                     | 3.5        | 4.5   | 2.6    | 3.3        | 4.0   | 2.5    | 4.9        | 7.2   | 2.9    | 5.9        | 8.9   | 3.3    |  |
| 1990                     | 3.6        | 4.6   | 2.6    | 3.3        | 4.2   | 2.5    | 4.6        | 6.7   | 2.8    | 5.7        | 8.4   | 3.4    |  |
| 1991                     | 3.8        | 5.0   | 2.7    | 3.6        | 4.6   | 2.6    | 5.2        | 7.5   | 3.2    | 6.6        | 9.7   | 3.9    |  |
| 1992                     | 4.3        | 5.9   | 2.8    | 4.1        | 5.5   | 2.7    | 5.5        | 8.3   | 3.1    | 6.8        | 10.6  | 3.6    |  |

<sup>1</sup> Age-adjusted death rate. For method of computation see source.

**No. 140. Deaths and Death Rates for Alcohol-Induced Causes,  
by Race and Sex: 1980 to 1992**

[Age-adjusted rates per 100,000]

| YEAR                     | ALL RACES  |        |        | WHITE      |        |        | ALL OTHER  |       |        |            |       |        |  |
|--------------------------|------------|--------|--------|------------|--------|--------|------------|-------|--------|------------|-------|--------|--|
|                          | Both sexes | Male   | Female | Both sexes | Male   | Female | Total      |       |        | Black      |       |        |  |
|                          |            |        |        |            |        |        | Both sexes | Male  | Female | Both sexes | Male  | Female |  |
| <b>NUMBER</b>            |            |        |        |            |        |        |            |       |        |            |       |        |  |
| 1980                     | 19,765     | 14,447 | 5,318  | 14,815     | 10,936 | 3,879  | 4,950      | 3,511 | 1,439  | 4,451      | 3,170 | 1,281  |  |
| 1985                     | 17,741     | 13,216 | 4,525  | 13,216     | 9,922  | 3,294  | 4,525      | 3,294 | 1,231  | 4,114      | 3,030 | 1,084  |  |
| 1990                     | 19,757     | 14,842 | 4,915  | 14,904     | 11,334 | 3,570  | 4,853      | 3,508 | 1,345  | 4,337      | 3,172 | 1,165  |  |
| 1991                     | 19,233     | 14,467 | 4,766  | 14,825     | 11,286 | 3,539  | 4,408      | 3,181 | 1,227  | 3,883      | 2,816 | 1,067  |  |
| 1992                     | 19,568     | 14,926 | 4,642  | 15,143     | 11,701 | 3,442  | 4,425      | 3,225 | 1,200  | 3,809      | 2,800 | 1,009  |  |
| <b>RATE <sup>1</sup></b> |            |        |        |            |        |        |            |       |        |            |       |        |  |
| 1980                     | 8.4        | 13.0   | 4.3    | 6.9        | 10.8   | 3.5    | 18.8       | 29.5  | 10.0   | 20.4       | 32.4  | 10.6   |  |
| 1985                     | 7.0        | 11.0   | 3.4    | 5.8        | 9.2    | 2.8    | 14.6       | 23.5  | 7.2    | 16.8       | 27.7  | 8.0    |  |
| 1990                     | 7.2        | 11.4   | 3.4    | 6.2        | 9.9    | 2.8    | 13.6       | 22.0  | 6.8    | 16.1       | 26.6  | 7.7    |  |
| 1991                     | 6.8        | 10.9   | 3.2    | 6.0        | 9.7    | 2.7    | 11.8       | 19.2  | 5.9    | 13.9       | 22.9  | 6.8    |  |
| 1992                     | 6.8        | 11.0   | 3.1    | 6.1        | 9.9    | 2.6    | 11.6       | 18.9  | 5.6    | 13.4       | 22.3  | 6.3    |  |

<sup>1</sup> Age-adjusted death rate. For method of computation see source.

Source of tables 138-140: U.S. National Center for Health Statistics, *Monthly Vital Statistics Reports*.

**No. 141. Deaths—Life Years Lost and Mortality Costs, by Age, Sex, and Cause: 1992**

[Life years lost: Number of years persons would have lived in absence of death. Mortality cost: Value of lifetime earnings lost by persons who die prematurely, discounted at 6 percent]

| CHARACTER-<br>ISTIC           | Number of<br>deaths<br>(1,000) | LIFE YEARS<br>LOST <sup>1</sup> |              | MORTALITY<br>COST <sup>2</sup> |                | CHARACTER-<br>ISTIC           | Number of<br>deaths<br>(1,000) | LIFE YEARS<br>LOST <sup>1</sup> |              | MORTALITY<br>COST <sup>2</sup> |               |
|-------------------------------|--------------------------------|---------------------------------|--------------|--------------------------------|----------------|-------------------------------|--------------------------------|---------------------------------|--------------|--------------------------------|---------------|
|                               |                                | Total<br>(1,000)                | Per<br>death | Total<br>(mil.)                | Per<br>death   |                               |                                | Total<br>(1,000)                | Per<br>death | Total<br>(mil.)                | Per<br>death  |
| <b>Total . . . . .</b>        | <b>2,176</b>                   | <b>36,707</b>                   | <b>17</b>    | <b>312,198</b>                 | <b>143,530</b> | Heart disease . . . . .       | 358                            | 4,722                           | 13           | 38,714                         | 108,278       |
| Under 5 yrs. . . . .          | 41                             | 3,096                           | 75           | 20,796                         | 502,421        | Cancer . . . . .              | 275                            | 4,097                           | 15           | 36,174                         | 131,618       |
| 5-14 yrs. . . . .             | 8                              | 554                             | 68           | 5,505                          | 671,889        | Cerebrovas-<br>cular diseases | 57                             | 672                             | 12           | 4,941                          | 87,233        |
| 15-24 yrs. . . . .            | 35                             | 1,963                           | 57           | 30,164                         | 873,096        | Injuries . . . . .            | 58                             | 2,077                           | 36           | 34,028                         | 588,094       |
| 25-44 yrs. . . . .            | 150                            | 6,338                           | 42           | 117,657                        | 785,580        | Other . . . . .               | 375                            | 8,399                           | 22           | 105,947                        | 282,190       |
| 45-64 yrs. . . . .            | 366                            | 9,011                           | 25           | 101,882                        | 278,350        |                               |                                |                                 |              |                                |               |
| 65 yrs. and over              | 1,575                          | 15,745                          | 10           | 36,194                         | 22,977         | <b>Female . . . . .</b>       | <b>1,053</b>                   | <b>16,741</b>                   | <b>16</b>    | <b>92,394</b>                  | <b>87,730</b> |
| Heart disease . . . . .       | 718                            | 8,959                           | 12           | 54,081                         | 75,352         | Under 5 yrs. . . . .          | 18                             | 1,420                           | 79           | 8,011                          | 444,126       |
| Cancer . . . . .              | 521                            | 8,544                           | 16           | 63,901                         | 122,749        | 5-14 yrs. . . . .             | 3                              | 224                             | 72           | 1,819                          | 584,186       |
| Cerebrovas-<br>cular diseases | 144                            | 1,680                           | 12           | 8,768                          | 60,984         | 15-24 yrs. . . . .            | 8                              | 517                             | 62           | 6,033                          | 723,352       |
| Injuries . . . . .            | 87                             | 3,007                           | 35           | 42,823                         | 493,485        | 25-44 yrs. . . . .            | 44                             | 2,019                           | 46           | 26,678                         | 607,969       |
| Other . . . . .               | 707                            | 14,517                          | 21           | 142,626                        | 201,797        | 45-64 yrs. . . . .            | 140                            | 3,823                           | 27           | 32,490                         | 232,285       |
| <b>Male . . . . .</b>         | <b>1,122</b>                   | <b>19,966</b>                   | <b>18</b>    | <b>219,804</b>                 | <b>195,907</b> | 65 yrs. and over              | 840                            | 8,738                           | 10           | 17,363                         | 20,672        |
| Under 5 yrs. . . . .          | 23                             | 1,676                           | 72           | 12,785                         | 547,446        | Heart disease . . . . .       | 360                            | 4,237                           | 12           | 15,366                         | 42,665        |
| 5-14 yrs. . . . .             | 5                              | 330                             | 65           | 3,686                          | 725,633        | Cancer . . . . .              | 246                            | 4,448                           | 18           | 27,727                         | 112,830       |
| 15-24 yrs. . . . .            | 26                             | 1,446                           | 55           | 24,130                         | 920,756        | Cerebrovas-<br>cular diseases | 87                             | 1,009                           | 12           | 3,826                          | 43,917        |
| 25-44 yrs. . . . .            | 106                            | 4,319                           | 41           | 90,979                         | 859,182        | Injuries . . . . .            | 29                             | 930                             | 32           | 8,795                          | 304,162       |
| 45-64 yrs. . . . .            | 226                            | 5,188                           | 23           | 69,392                         | 306,841        | Other . . . . .               | 331                            | 6,118                           | 18           | 36,679                         | 110,701       |
| 65 yrs. and over              | 735                            | 7,007                           | 10           | 18,832                         | 25,611         |                               |                                |                                 |              |                                |               |

<sup>1</sup> Based on life expectancy at year of death. <sup>2</sup> Cost estimates based on the person's age, sex, life expectancy at the time of death, labor force participation rates, annual earnings, value of homemaking services, and a 6-percent discount rate by which to convert to present worth the potential aggregate earnings lost over the years.

Source: Institute for Health and Aging, University of California, San Francisco, CA, unpublished data.

**No. 142. Marriages and Divorces: 1970 to 1990**

[See also *Historical Statistics, Colonial Times to 1970*, series B 214-217]

| YEAR           | MARRIAGES <sup>1</sup> |                           |                                 |                                   |                 |       | DIVORCES AND ANNULMENTS |                           |  |
|----------------|------------------------|---------------------------|---------------------------------|-----------------------------------|-----------------|-------|-------------------------|---------------------------|--|
|                | Number<br>(1,000)      | Rate per 1,000 population |                                 |                                   |                 |       | Number<br>(1,000)       | Rate per 1,000 population |  |
|                |                        | Total                     | Men, 15<br>yrs. old<br>and over | Women,<br>15 yrs. old<br>and over | Unmarried women |       |                         | Total                     | Married<br>women, 15<br>yrs. old and<br>over |
| 1970 . . . . . | 2,159                  | 10.6                      | 31.1                            | 28.4                              | 76.5            | 140.2 | 708                     | 3.5                       | 14.9   |
| 1975 . . . . . | 2,153                  | 10.0                      | 27.9                            | 25.6                              | 66.9            | 118.5 | 1,036                   | 4.8                       | 20.3   |
| 1980 . . . . . | 2,390                  | 10.6                      | 28.5                            | 26.1                              | 61.4            | 102.6 | 1,189                   | 5.2                       | 22.6   |
| 1983 . . . . . | 2,446                  | 10.5                      | 28.0                            | 25.7                              | 59.9            | 99.3  | 1,158                   | 5.0                       | 21.3   |
| 1984 . . . . . | 2,477                  | 10.5                      | 28.1                            | 25.8                              | 59.5            | 99.0  | 1,189                   | 5.0                       | 21.5   |
| 1985 . . . . . | 2,413                  | 10.1                      | 26.9                            | 24.8                              | 57.0            | 94.9  | 1,190                   | 5.0                       | 21.7   |
| 1986 . . . . . | 2,407                  | 10.0                      | 26.5                            | 24.5                              | 56.2            | 93.9  | 1,178                   | 4.9                       | 21.2   |
| 1987 . . . . . | 2,403                  | 9.9                       | 26.2                            | 24.2                              | 55.7            | 92.4  | 1,166                   | 4.8                       | 20.6   |
| 1988 . . . . . | 2,396                  | 9.7                       | 25.9                            | 23.9                              | 54.6            | 91.0  | 1,167                   | 4.8                       | 20.7   |
| 1989 . . . . . | (NA)                   | (NA)                      | (NA)                            | (NA)                              | (NA)            | (NA)  | 1,157                   | 4.7                       | 20.4   |
| 1990 . . . . . | (NA)                   | (NA)                      | (NA)                            | (NA)                              | (NA)            | (NA)  | 1,182                   | 4.7                       | 20.9   |

NA Not available. <sup>1</sup> Beginning 1980, includes nonlicensed marriages registered in California.

**No. 143. Percent Distribution of Marriages, by Marriage Order: 1970 to 1988**

[Excludes marriages with marriage order not stated. See headnote, table 145]

| MARRIAGE ORDER   | 1970         | 1980         | 1981         | 1982         | 1983         | 1984         | 1985         | 1986         | 1987         | 1988         |
|--|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
| <b>Total . . . . .</b>                                 | <b>100.0</b> | <b>100.0</b> | <b>100.0</b> | <b>100.0</b> | <b>100.0</b> | <b>100.0</b> | <b>100.0</b> | <b>100.0</b> | <b>100.0</b> | <b>100.0</b> |
| First marriage of bride and groom . . . . .            | 68.6         | 56.2         | 54.7         | 54.8         | 54.4         | 54.4         | 54.3         | 53.9         | 53.9         | 54.1         |
| First marriage of bride, remarriage of groom . . . . . | 7.6          | 11.3         | 11.8         | 11.6         | 11.6         | 11.5         | 11.5         | 11.3         | 11.3         | 11.1         |
| Remarriage of bride, first marriage of groom . . . . . | 7.3          | 9.8          | 10.1         | 10.3         | 10.5         | 10.7         | 10.9         | 11.2         | 11.3         | 11.4         |
| Remarriage of bride and groom . . . . .                | 16.5         | 22.7         | 23.4         | 23.3         | 23.5         | 23.4         | 23.4         | 23.6         | 23.5         | 23.4         |

Source of tables 142 and 143: U.S. National Center for Health Statistics, *Vital Statistics of the United States*, annual; *Monthly Vital Statistics Report*; and unpublished data.

**No. 144. Percent Distribution of Marriages, by Age, Sex, and Previous Marital Status: 1980 and 1988**

[Data cover marriage registration area; see text, section 2. Based on a sample and subject to sampling variability; for details, see source]

| SEX AND PREVIOUS MARITAL STATUS   | Total | Under 20 years old | 20-24 years old | 25-29 years old | 30-34 years old | 35-44 years old | 45-64 years old | 65 years old and over |
|-----------------------------------|-------|--------------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------------|
| <b>WOMEN</b>                      |       |                    |                 |                 |                 |                 |                 |                       |
| All marriages: <sup>1</sup>       |       |                    |                 |                 |                 |                 |                 |                       |
| 1980                              | 100.0 | 21.1               | 37.1            | 18.7            | 9.3             | 7.8             | 5.0             | 1.0                   |
| 1988                              | 100.0 | 11.8               | 31.5            | 24.1            | 13.2            | 12.6            | 5.8             | 1.0                   |
| First marriages: <sup>2</sup>     |       |                    |                 |                 |                 |                 |                 |                       |
| 1980                              | 100.0 | 30.4               | 47.3            | 16.0            | 4.0             | 1.6             | 0.6             | 0.1                   |
| 1988                              | 100.0 | 17.7               | 43.3            | 26.1            | 8.5             | 3.7             | 0.7             | 0.1                   |
| Remarriages: <sup>2,3</sup>       |       |                    |                 |                 |                 |                 |                 |                       |
| 1980                              | 100.0 | 1.7                | 15.3            | 24.4            | 20.6            | 20.8            | 14.3            | 2.9                   |
| 1988                              | 100.0 | 0.7                | 9.1             | 20.5            | 21.9            | 29.5            | 15.4            | 2.8                   |
| Previously divorced: <sup>4</sup> |       |                    |                 |                 |                 |                 |                 |                       |
| 1980                              | 100.0 | 1.7                | 16.7            | 26.7            | 22.5            | 21.6            | 10.0            | 0.6                   |
| 1988                              | 100.0 | 0.8                | 9.8             | 22.2            | 23.3            | 30.7            | 12.5            | 0.6                   |
| <b>MEN</b>                        |       |                    |                 |                 |                 |                 |                 |                       |
| All marriages: <sup>1</sup>       |       |                    |                 |                 |                 |                 |                 |                       |
| 1980                              | 100.0 | 8.5                | 35.7            | 23.8            | 12.3            | 10.5            | 7.4             | 1.8                   |
| 1988                              | 100.0 | 4.5                | 26.9            | 27.2            | 15.8            | 15.1            | 8.6             | 1.9                   |
| First marriages: <sup>2</sup>     |       |                    |                 |                 |                 |                 |                 |                       |
| 1980                              | 100.0 | 12.7               | 50.0            | 25.7            | 7.5             | 2.9             | 1.1             | 0.1                   |
| 1988                              | 100.0 | 6.9                | 38.7            | 33.9            | 13.6            | 5.8             | 1.1             | 0.1                   |
| Remarriages: <sup>2,3</sup>       |       |                    |                 |                 |                 |                 |                 |                       |
| 1980                              | 100.0 | 0.2                | 7.2             | 20.1            | 21.9            | 25.6            | 20.0            | 5.1                   |
| 1988                              | 100.0 | 0.1                | 4.0             | 14.4            | 20.1            | 33.1            | 23.1            | 5.2                   |
| Previously divorced: <sup>4</sup> |       |                    |                 |                 |                 |                 |                 |                       |
| 1980                              | 100.0 | 0.2                | 7.7             | 21.7            | 24.1            | 27.7            | 17.3            | 1.4                   |
| 1988                              | 100.0 | 0.1                | 4.3             | 15.6            | 21.8            | 35.3            | 21.3            | 1.6                   |

<sup>1</sup> Includes marriage order not stated. <sup>2</sup> Excludes data for Iowa. <sup>3</sup> Includes remarriages of previously widowed. <sup>4</sup> Excludes remarriages in Michigan, Ohio, and South Carolina.

**No. 145. Marriage Rates and Median Age of Bride and Groom, by Previous Marital Status: 1970 to 1988**

[Data cover marriage registration area; see text, section 2. Figures for previously divorced and previously widowed exclude data for Michigan and Ohio for all years, for South Carolina beginning 1975, and for the District of Columbia for 1970. Based on a sample and subject to sampling variability; for details, see source. For definition of median, see Guide to Tabular Presentation. See also *Historical Statistics, Colonial Times to 1970*, series A 158-159]

| YEAR | MARRIAGE RATES <sup>1</sup> |          |          |        |          |          | MEDIAN AGE AT MARRIAGE (years) |            |      |                |            |      |
|------|-----------------------------|----------|----------|--------|----------|----------|--------------------------------|------------|------|----------------|------------|------|
|      | Women                       |          |          | Men    |          |          | Women                          |            |      | Men            |            |      |
|      | Single                      | Divorced | Wid-owed | Single | Divorced | Wid-owed | First marriage                 | Remarriage |      | First marriage | Remarriage |      |
|      |                             |          |          |        |          |          | Divorced                       | Widowed    |      | Divorced       | Widowed    |      |
| 1970 | 93.4                        | 123.3    | 10.2     | 80.4   | 204.5    | 40.6     | 20.6                           | 30.1       | 51.2 | 22.5           | 34.5       | 58.7 |
| 1975 | 75.9                        | 117.2    | 8.3      | 61.5   | 189.8    | 40.4     | 20.8                           | 30.2       | 52.4 | 22.7           | 33.6       | 59.4 |
| 1980 | 66.0                        | 91.3     | 6.7      | 54.7   | 142.1    | 32.2     | 21.8                           | 31.0       | 53.6 | 23.6           | 34.0       | 61.2 |
| 1985 | 61.5                        | 81.8     | 5.7      | 50.1   | 121.6    | 27.7     | 23.0                           | 32.8       | 54.6 | 24.8           | 36.1       | 62.7 |
| 1986 | 59.7                        | 79.5     | 5.5      | 49.1   | 117.8    | 26.8     | 23.3                           | 33.1       | 54.3 | 25.1           | 36.6       | 62.9 |
| 1987 | 58.9                        | 80.7     | 5.4      | 48.8   | 115.7    | 26.1     | 23.6                           | 33.3       | 53.9 | 25.3           | 36.7       | 62.8 |
| 1988 | 58.4                        | 78.6     | 5.3      | 48.3   | 109.7    | 25.1     | 23.7                           | 33.6       | 53.9 | 25.5           | 37.0       | 63.0 |

<sup>1</sup> Rate per 1,000 population 15 years old and over in specified group.

**No. 146. Divorces and Annulments—Duration of Marriage, Age at Divorce, and Children Involved: 1970 to 1990**

[Data cover divorce-registration area; see text, section 2. Based on a sample and subject to sampling variability; for details, see source. Median age computed on data by single years of age. See also *Historical Statistics, Colonial Times to 1970*, series B 218]

| DURATION OF MARRIAGE, AGE AT DIVORCE, AND CHILDREN INVOLVED | 1970 | 1975  | 1980  | 1983  | 1984  | 1985  | 1986  | 1987  | 1988  | 1989  | 1990  |
|---|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| Median duration of marriage (years)                         | 6.7  | 6.5   | 6.8   | 7.0   | 6.9   | 6.8   | 6.9   | 7.0   | 7.1   | 7.2   | 7.2   |
| Median age at divorce:                                      |      |       |       |       |       |       |       |       |       |       |       |
| Men (years)   | 32.9 | 32.2  | 32.7  | 34.0  | 34.3  | 34.4  | 34.6  | 34.9  | 35.1  | 35.4  | 35.6  |
| Women (years)   | 29.8 | 29.5  | 30.3  | 31.5  | 31.7  | 31.9  | 32.1  | 32.5  | 32.6  | 32.9  | 33.2  |
| Estimated number of children involved in divorce (1,000)    | 870  | 1,123 | 1,174 | 1,091 | 1,081 | 1,091 | 1,064 | 1,038 | 1,044 | 1,063 | 1,075 |
| Avg. number of children per decree                          | 1.22 | 1.08  | 0.98  | 0.94  | 0.92  | 0.92  | 0.90  | 0.89  | 0.89  | 0.91  | 0.90  |
| Rate per 1,000 children under 18 years of age.              | 12.5 | 16.7  | 17.3  | 17.4  | 17.2  | 17.3  | 16.8  | 16.3  | 16.4  | 16.8  | 16.8  |

Source of tables 144-146: U.S. National Center for Health Statistics of the United States, *Vital Statistics of the United States*, annual, *Monthly Vital Statistics Report*; and unpublished data.

### No. 147. First Marriage Dissolution and Years Until Remarriage for Women, by Race and Hispanic Origin: 1988

[For women 15 to 44 years old. Based on 1988 National Survey of Family Growth; see Appendix III. Marriage dissolution includes death of spouse, separation because of marital discord, and divorce]

| ITEM                                   | Number (1,000) | YEARS UNTIL REMARRIAGE (cumulative percent) |                   |                   |                   |                   |                   |
|--|----------------|---|-------------------|-------------------|-------------------|-------------------|-------------------|
|  |                | All   | 1                 | 2                 | 3                 | 4                 | 5                 |
| <b>ALL RACES</b> <sup>1</sup>          |                |   |                   |                   |                   |                   |                   |
| Year of dissolution of first marriage: |                |   |                   |                   |                   |                   |                   |
| All years                              | 11,577         | 56.8  | 20.6              | 32.8              | 40.7              | 46.2              | 49.7              |
| 1980-84                                | 3,504          | 47.5  | 16.3              | 28.1              | 36.4              | <sup>2</sup> 41.1 | <sup>2</sup> 45.4 |
| 1975-79                                | 3,235          | 65.3  | 21.9              | 36.0              | 44.7              | 52.7              | 55.4              |
| 1970-74                                | 1,887          | 83.2  | 24.9              | 38.6              | 47.9              | 56.4              | 61.2              |
| 1965-69                                | 1,013          | 89.9  | 32.6              | 48.7              | 60.2              | 65.0              | 72.8              |
| <b>WHITE</b>                           |                |   |                   |                   |                   |                   |                   |
| Year of dissolution of first marriage: |                |   |                   |                   |                   |                   |                   |
| All years                              | 10,103         | 59.9  | 21.9              | 35.2              | 43.5              | 49.4              | 53.0              |
| 1980-84                                | 3,030          | 51.4  | 18.2              | 31.1              | 40.3              | <sup>2</sup> 45.2 | <sup>2</sup> 49.8 |
| 1975-79                                | 2,839          | 69.5  | 23.2              | 38.5              | 46.9              | 55.6              | 58.4              |
| 1970-74                                | 1,622          | 87.5  | 24.9              | 39.8              | 49.8              | 59.3              | 64.3              |
| 1965-69                                | 893            | 91.0  | 34.7              | 52.3              | 64.9              | 69.3              | 76.9              |
| <b>BLACK</b>                           |                |   |                   |                   |                   |                   |                   |
| Year of dissolution of first marriage: |                |   |                   |                   |                   |                   |                   |
| All years                              | 1,166          | 34.0  | 10.9              | 16.5              | 19.6              | 22.7              | 25.0              |
| 1980-84                                | 380            | 19.7  | <sup>3</sup> 4.7  | <sup>3</sup> 10.6 | <sup>3</sup> 12.9 | <sup>2</sup> 14.8 | <sup>2</sup> 14.8 |
| 1975-79                                | 301            | 32.3  | <sup>3</sup> 11.4 | <sup>3</sup> 15.6 | 18.5              | 22.2              | 24.9              |
| 1970-74                                | 227            | 59.0  | 22.3              | 29.4              | 35.3              | 38.7              | 42.3              |
| 1965-69                                | 98             | 81.2  | <sup>3</sup> 20.9 | <sup>3</sup> 27.3 | <sup>3</sup> 31.3 | 40.8              | 52.1              |
| Hispanic, <sup>4</sup> all years       | 942            | 44.7  | 12.5              | 16.6              | 22.7              | 27.8              | 29.9              |

<sup>1</sup> Includes other races. <sup>2</sup> The percent having remarried is biased downward because the women had not completed the indicated number of years since dissolution of first marriage at the time of the survey. <sup>3</sup> Figure does not meet standard of reliability or precision. <sup>4</sup> Hispanic persons may be of any race.

Source: National Center for Health Statistics, *Advance Data from Vital and Health Statistics*, No. 194.

### No. 148. Marriage Experience for Women, by Age and Race: 1980 and 1990

[In percent. As of June. Based on Current Population Survey; see text, section 1]

| MARITAL STATUS AND AGE               | ALL RACES |      | WHITE |      | BLACK |      | HISPANIC <sup>1</sup> |      |
|--------------------------------------|-----------|------|-------|------|-------|------|-----------------------|------|
|                                      | 1980      | 1990 | 1980  | 1990 | 1980  | 1990 | 1980                  | 1990 |
| <b>EVER MARRIED</b>                  |           |      |       |      |       |      |                       |      |
| 20 to 24 years old                   | 49.5      | 38.5 | 52.2  | 41.3 | 33.3  | 23.5 | 55.4                  | 45.8 |
| 25 to 29 years old                   | 78.6      | 69.0 | 81.0  | 73.2 | 62.3  | 45.0 | 80.2                  | 69.6 |
| 30 to 34 years old                   | 89.9      | 82.2 | 91.6  | 85.6 | 77.9  | 61.1 | 88.3                  | 83.0 |
| 35 to 39 years old                   | 94.3      | 89.4 | 95.3  | 91.4 | 87.4  | 74.9 | 91.2                  | 88.9 |
| 40 to 44 years old                   | 95.1      | 92.0 | 95.8  | 93.4 | 89.7  | 82.1 | 94.2                  | 92.8 |
| 45 to 49 years old                   | 95.9      | 94.4 | 96.4  | 95.1 | 92.5  | 89.7 | 94.4                  | 91.7 |
| 50 to 54 years old                   | 95.3      | 95.5 | 95.8  | 96.1 | 92.1  | 91.9 | 95.0                  | 91.8 |
| <b>DIVORCED AFTER FIRST MARRIAGE</b> |           |      |       |      |       |      |                       |      |
| 20 to 24 years old                   | 14.2      | 12.5 | 14.7  | 12.8 | 10.5  | 9.6  | 9.4                   | 6.8  |
| 25 to 29 years old                   | 20.7      | 19.2 | 21.0  | 19.8 | 20.2  | 17.8 | 13.9                  | 13.5 |
| 30 to 34 years old                   | 26.2      | 28.1 | 25.8  | 28.6 | 31.4  | 26.6 | 21.1                  | 19.9 |
| 35 to 39 years old                   | 27.2      | 34.1 | 26.7  | 34.6 | 32.9  | 35.8 | 21.9                  | 29.7 |
| 40 to 44 years old                   | 26.1      | 35.8 | 25.5  | 35.2 | 33.7  | 45.1 | 19.7                  | 26.6 |
| 45 to 49 years old                   | 23.1      | 35.2 | 22.7  | 35.5 | 29.0  | 39.8 | 23.9                  | 24.6 |
| 50 to 54 years old                   | 21.8      | 29.5 | 21.0  | 28.5 | 29.0  | 39.2 | 22.5                  | 22.9 |
| <b>REARRIED AFTER DIVORCE</b>        |           |      |       |      |       |      |                       |      |
| 20 to 24 years old                   | 45.5      | 38.1 | 47.0  | 39.3 | (B)   | (B)  | (B)                   | (B)  |
| 25 to 29 years old                   | 53.4      | 51.8 | 56.4  | 52.8 | 27.9  | 44.4 | (B)                   | 49.5 |
| 30 to 34 years old                   | 60.9      | 59.6 | 63.3  | 61.4 | 42.0  | 42.0 | 58.3                  | 45.9 |
| 35 to 39 years old                   | 64.9      | 65.0 | 66.9  | 66.5 | 50.6  | 54.0 | 45.2                  | 51.2 |
| 40 to 44 years old                   | 67.4      | 67.1 | 68.6  | 69.5 | 58.4  | 50.3 | (B)                   | 53.9 |
| 45 to 49 years old                   | 69.2      | 65.9 | 70.4  | 67.2 | 62.7  | 55.0 | (B)                   | 51.0 |
| 50 to 54 years old                   | 72.0      | 63.0 | 72.6  | 65.4 | 72.7  | 50.2 | (B)                   | 62.2 |
| <b>REDIVORCED AFTER REMARRIAGE</b>   |           |      |       |      |       |      |                       |      |
| 20 to 24 years old                   | 8.5       | 13.1 | (NA)  | (NA) | (NA)  | (NA) | (NA)                  | (NA) |
| 25 to 29 years old                   | 15.6      | 17.8 | (NA)  | (NA) | (NA)  | (NA) | (NA)                  | (NA) |
| 30 to 34 years old                   | 19.1      | 22.7 | (NA)  | (NA) | (NA)  | (NA) | (NA)                  | (NA) |
| 35 to 39 years old                   | 24.7      | 28.5 | (NA)  | (NA) | (NA)  | (NA) | (NA)                  | (NA) |
| 40 to 44 years old                   | 28.4      | 30.6 | (NA)  | (NA) | (NA)  | (NA) | (NA)                  | (NA) |
| 45 to 49 years old                   | 25.1      | 36.4 | (NA)  | (NA) | (NA)  | (NA) | (NA)                  | (NA) |
| 50 to 54 years old                   | 29.0      | 34.5 | (NA)  | (NA) | (NA)  | (NA) | (NA)                  | (NA) |

B Base is less than 75,000. NA Not available. <sup>1</sup> Persons of Hispanic origin may be of any race. Source: U.S. Bureau of the Census, *Current Population Reports*, P23-180.

No. 149. Marriages and Divorces—Number and Rate, by State: 1980 to 1993

[By place of occurrence]

| DIVISION AND STATE                  | MARRIAGES <sup>1</sup>   |                           |                             |  |                         |             | DIVORCES <sup>3</sup> |                             |                |  |                         |                         |
|-------------------------------------|--------------------------|---------------------------|-----------------------------|--|-------------------------|-------------|-----------------------|-----------------------------|----------------|--|-------------------------|-------------------------|
|                                     | Number (1,000)           |                           |                             | Rate per 1,000 population <sup>2</sup> |                         |             | Number (1,000)        |                             |                | Rate per 1,000 population <sup>2</sup> |                         |                         |
|                                     | 1980                     | 1985                      | 1993, prel.                 | 1980                                   | 1985                    | 1993, prel. | 1980                  | 1985                        | 1993, prel.    | 1980                                   | 1985                    | 1993, prel.             |
| <b>U.S.</b> . . . . .               | <b>2,390.3</b>           | <b>2,412.6</b>            | <b>4<sup>2</sup>2,334.0</b> | <b>10.6</b>                            | <b>10.1</b>             | <b>9.0</b>  | <b>1,189.0</b>        | <b>5<sup>1</sup>1,190.0</b> | <b>1,187.0</b> | <b>5.2</b>                             | <b>5<sup>5</sup>5.0</b> | <b>4.6</b>              |
| <b>New England</b> . . . . .        | <b>106.3</b>             | <b>114.3</b>              | <b>93.9</b>                 | <b>8.6</b>                             | <b>9.0</b>              | <b>7.1</b>  | <b>49.0</b>           | <b>49.9</b>                 | <b>42.6</b>    | <b>4.0</b>                             | <b>3.9</b>              | <b>3.2</b>              |
| Maine . . . . .                     | 12.0                     | 12.2                      | 10.9                        | 10.7                                   | 10.5                    | 8.8         | 6.2                   | 6.1                         | 5.3            | 5.5                                    | 5.2                     | 4.3                     |
| New Hampshire . . . . .             | 9.3                      | 11.4                      | 9.6                         | 10.0                                   | 11.4                    | 8.5         | 5.3                   | 4.9                         | 5.0            | 5.7                                    | 4.9                     | 4.5                     |
| Vermont . . . . .                   | 5.2                      | 5.5                       | 6.0                         | 10.2                                   | 10.4                    | 10.5        | 2.6                   | 2.4                         | 2.8            | 5.1                                    | 4.4                     | 4.8                     |
| Massachusetts . . . . .             | 46.3                     | 49.8                      | 37.5                        | 8.1                                    | 8.6                     | 6.2         | 17.9                  | 21.6                        | 16.0           | 3.1                                    | 3.7                     | 2.7                     |
| Rhode Island . . . . .              | 7.5                      | 8.0                       | 7.1                         | 7.9                                    | 8.3                     | 7.1         | 3.6                   | 3.7                         | 3.4            | 3.8                                    | 3.8                     | 3.4                     |
| Connecticut . . . . .               | 26.0                     | 27.3                      | 22.8                        | 8.4                                    | 8.6                     | 7.0         | 13.5                  | 11.2                        | 10.2           | 4.3                                    | 3.5                     | 3.1                     |
| <b>Middle Atlantic</b> . . . . .    | <b>294.0</b>             | <b>314.3</b>              | <b>281.5</b>                | <b>8.0</b>                             | <b>8.5</b>              | <b>7.4</b>  | <b>124.7</b>          | <b>137.1</b>                | <b>121.4</b>   | <b>3.4</b>                             | <b>3.7</b>              | <b>3.2</b>              |
| New York . . . . .                  | 144.5                    | 164.0                     | 151.5                       | 8.2                                    | 9.2                     | 8.3         | 62.0                  | 67.6                        | 56.7           | 3.5                                    | 3.8                     | 3.1                     |
| New Jersey . . . . .                | 55.8                     | 61.2                      | 53.4                        | 7.6                                    | 8.1                     | 6.8         | 27.8                  | 29.3                        | 24.8           | 3.8                                    | 3.9                     | 3.1                     |
| Pennsylvania . . . . .              | 93.7                     | 89.1                      | 76.7                        | 7.9                                    | 7.5                     | 6.4         | 34.9                  | 40.2                        | 39.8           | 2.9                                    | 3.4                     | 3.3                     |
| <b>East North Central</b> . . . . . | <b>395.5</b>             | <b>6<sup>3</sup>362.2</b> | <b>337.9</b>                | <b>9.5</b>                             | <b>8<sup>6</sup>7.7</b> | <b>7.9</b>  | <b>212.4</b>          | <b>6<sup>1</sup>236.6</b>   | <b>151.5</b>   | <b>5.1</b>                             | <b>6<sup>4</sup>4.6</b> | <b>7<sup>1</sup>4.1</b> |
| Ohio . . . . .                      | 99.8                     | 94.4                      | 88.9                        | 9.2                                    | 8.8                     | 8.0         | 58.8                  | 55.0                        | 51.2           | 5.4                                    | 5.4                     | 4.6                     |
| Indiana . . . . .                   | 57.9                     | 51.1                      | 49.8                        | 10.5                                   | 9.3                     | 8.7         | 40.0                  | 35.3                        | (NA)           | 7.3                                    | 6 <sup>4</sup> 4.4      | (NA)                    |
| Illinois . . . . .                  | 109.8                    | 97.7                      | 91.6                        | 9.6                                    | 8.5                     | 7.8         | 51.0                  | 48.9                        | 43.2           | 4.5                                    | 4.2                     | 3.7                     |
| Michigan . . . . .                  | 86.9                     | 79.0                      | 71.2                        | 9.4                                    | 8.7                     | 7.5         | 45.0                  | 38.8                        | 39.2           | 4.9                                    | 4.3                     | 4.1                     |
| Wisconsin . . . . .                 | 41.1                     | 40.0                      | 36.5                        | 8.7                                    | 8.4                     | 7.2         | 17.5                  | 16.6                        | 17.9           | 3.7                                    | 3.5                     | 3.5                     |
| <b>West North Central</b> . . . . . | <b>173.7</b>             | <b>158.3</b>              | <b>146.4</b>                | <b>10.1</b>                            | <b>9.0</b>              | <b>8.1</b>  | <b>79.6</b>           | <b>74.3</b>                 | <b>77.8</b>    | <b>4.6</b>                             | <b>4.2</b>              | <b>4.3</b>              |
| Minnesota . . . . .                 | 37.6                     | 35.1                      | 31.4                        | 9.2                                    | 8.4                     | 7.0         | 15.4                  | 14.8                        | 16.8           | 3.8                                    | 3.5                     | 3.7                     |
| Iowa . . . . .                      | 27.5                     | 24.6                      | 25.0                        | 9.4                                    | 8.5                     | 8.9         | 11.9                  | 10.5                        | 10.9           | 4.1                                    | 3.7                     | 3.9                     |
| Missouri . . . . .                  | 54.6                     | 49.5                      | 44.1                        | 11.1                                   | 9.8                     | 8.4         | 27.6                  | 25.0                        | 26.6           | 5.6                                    | 5.0                     | 5.1                     |
| North Dakota . . . . .              | 6.1                      | 5.4                       | 4.9                         | 9.3                                    | 7.9                     | 7.7         | 2.1                   | 2.3                         | 2.2            | 3.3                                    | 3.4                     | 3.5                     |
| South Dakota . . . . .              | 8.8                      | 7.8                       | 7.4                         | 12.7                                   | 11.0                    | 10.4        | 2.8                   | 2.6                         | 2.9            | 4.1                                    | 3.6                     | 4.0                     |
| Nebraska . . . . .                  | 14.2                     | 12.7                      | 12.4                        | 9.1                                    | 7.9                     | 7.7         | 6.4                   | 6.4                         | 6.3            | 4.1                                    | 4.0                     | 3.9                     |
| Kansas . . . . .                    | 24.8                     | 23.3                      | 21.1                        | 10.5                                   | 9.5                     | 8.3         | 13.4                  | 12.8                        | 12.0           | 5.7                                    | 5.2                     | 4.8                     |
| <b>South Atlantic</b> . . . . .     | <b>413.1</b>             | <b>438.8</b>              | <b>436.0</b>                | <b>11.2</b>                            | <b>10.9</b>             | <b>9.5</b>  | <b>206.3</b>          | <b>210.5</b>                | <b>233.1</b>   | <b>5.6</b>                             | <b>5.2</b>              | <b>5.1</b>              |
| Delaware . . . . .                  | 4.4                      | 5.4                       | 5.0                         | 7.5                                    | 8.6                     | 7.2         | 2.3                   | 3.0                         | 3.1            | 3.9                                    | 4.8                     | 4.5                     |
| Maryland . . . . .                  | 46.3                     | 46.1                      | 42.3                        | 11.0                                   | 10.5                    | 8.5         | 17.5                  | 16.2                        | 17.0           | 4.1                                    | 3.7                     | 3.4                     |
| Dist. of Columbia . . . . .         | 5.2                      | 5.0                       | 3.0                         | 8.1                                    | 8.1                     | 5.2         | 4.7                   | 2.7                         | 1.9            | 7.3                                    | 4.3                     | 3.4                     |
| Virginia . . . . .                  | 60.2                     | 66.5                      | 68.4                        | 11.3                                   | 11.7                    | 10.5        | 23.6                  | 24.1                        | 29.5           | 4.4                                    | 4.2                     | 4.5                     |
| West Virginia . . . . .             | 17.4                     | 14.6                      | 13.1                        | 8.9                                    | 7.5                     | 7.2         | 10.3                  | 9.9                         | 9.7            | 5.3                                    | 5.1                     | 5.3                     |
| North Carolina . . . . .            | 46.7                     | 50.5                      | 47.1                        | 7.9                                    | 8.1                     | 6.8         | 28.1                  | 30.2                        | 34.9           | 4.8                                    | 4.8                     | 5.0                     |
| South Carolina . . . . .            | 53.9                     | 52.8                      | 52.5                        | 17.3                                   | 15.8                    | 14.4        | 13.6                  | 13.5                        | 15.1           | 4.4                                    | 4.0                     | 4.1                     |
| Georgia . . . . .                   | 70.6                     | 72.3                      | 61.6                        | 12.9                                   | 12.1                    | 8.9         | 34.7                  | 33.4                        | 38.3           | 6.4                                    | 5.6                     | 5.5                     |
| Florida . . . . .                   | 108.3                    | 125.5                     | 142.9                       | 11.1                                   | 11.0                    | 10.4        | 71.6                  | 77.5                        | 83.6           | 7.3                                    | 6.8                     | 6.1                     |
| <b>East South Central</b> . . . . . | <b>6<sup>1</sup>68.8</b> | <b>171.8</b>              | <b>181.7</b>                | <b>11.5</b>                            | <b>11.4</b>             | <b>11.6</b> | <b>87.5</b>           | <b>6<sup>8</sup>86.2</b>    | <b>95.3</b>    | <b>6.0</b>                             | <b>5<sup>7</sup>5.7</b> | <b>6.1</b>              |
| Kentucky . . . . .                  | 32.7                     | 46.0                      | 45.5                        | 8.9                                    | 12.3                    | 12.0        | 16.7                  | 18.3                        | 21.8           | 4.6                                    | 4.9                     | 5.8                     |
| Tennessee . . . . .                 | 59.2                     | 55.0                      | 73.1                        | 12.9                                   | 11.5                    | 14.3        | 30.2                  | 29.9                        | 33.2           | 6.6                                    | 6.3                     | 6.5                     |
| Alabama . . . . .                   | 49.0                     | 46.1                      | 39.5                        | 12.6                                   | 11.5                    | 9.4         | 26.7                  | 25.0                        | 27.0           | 6.9                                    | 6.2                     | 6.5                     |
| Mississippi . . . . .               | 27.9                     | 24.8                      | 23.7                        | 11.1                                   | 9.5                     | 8.9         | 13.8                  | 13.0                        | 13.3           | 5.5                                    | 5 <sup>5</sup> 5.0      | 5.0                     |
| <b>West South Central</b> . . . . . | <b>298.2</b>             | <b>308.6</b>              | <b>288.8</b>                | <b>12.6</b>                            | <b>11.6</b>             | <b>10.3</b> | <b>155.0</b>          | <b>7<sup>1</sup>60.9</b>    | <b>138.2</b>   | <b>6.5</b>                             | <b>(NA)</b>             | <b>7<sup>8</sup>8.1</b> |
| Arkansas . . . . .                  | 26.5                     | 31.7                      | 36.4                        | 11.6                                   | 13.4                    | 15.0        | 15.9                  | 16.5                        | 16.7           | 6.9                                    | 7 <sup>0</sup> 7.0      | 6.9                     |
| Louisiana . . . . .                 | 43.5                     | 39.4                      | 36.2                        | 10.3                                   | 8.8                     | 8.4         | 18.1                  | 17.6                        | -              | 4.3                                    | (NA)                    | (NA)                    |
| Oklahoma . . . . .                  | 46.5                     | 35.9                      | 30.5                        | 15.4                                   | 10.9                    | 9.4         | 24.2                  | 26.4                        | 22.8           | 8.0                                    | 8.0                     | 7.1                     |
| Texas . . . . .                     | 181.8                    | 201.6                     | 185.6                       | 12.8                                   | 12.3                    | 10.3        | 96.8                  | 100.4                       | 98.7           | 6.8                                    | 6.1                     | 5.5                     |
| <b>Mountain</b> . . . . .           | <b>241.7</b>             | <b>233.7</b>              | <b>254.8</b>                | <b>21.3</b>                            | <b>18.3</b>             | <b>17.2</b> | <b>86.1</b>           | <b>89.9</b>                 | <b>76.8</b>    | <b>7.6</b>                             | <b>7.0</b>              | <b>7<sup>5</sup>7.7</b> |
| Montana . . . . .                   | 8.3                      | 7.2                       | 7.0                         | 10.6                                   | 8.7                     | 8.4         | 4.9                   | 4.3                         | 4.3            | 6.3                                    | 5.2                     | 5.1                     |
| Idaho . . . . .                     | 13.4                     | 12.3                      | 14.0                        | 14.2                                   | 12.2                    | 12.7        | 6.6                   | 6.2                         | 6.9            | 7.0                                    | 6.2                     | 6.3                     |
| Wyoming . . . . .                   | 6.9                      | 5.4                       | 4.6                         | 14.6                                   | 10.6                    | 9.8         | 4.0                   | 3.8                         | 3.1            | 8.5                                    | 7.5                     | 6.5                     |
| Colorado . . . . .                  | 34.9                     | 33.6                      | 34.0                        | 12.1                                   | 10.4                    | 9.5         | 18.6                  | 19.2                        | 19.1           | 6.4                                    | 5.9                     | 5.4                     |
| New Mexico . . . . .                | 16.6                     | 15.5                      | 12.6                        | 12.8                                   | 10.7                    | 7.8         | 10.4                  | 13.2                        | 9.9            | 8.0                                    | 10 <sup>9</sup> 11.1    | 6.2                     |
| Arizona . . . . .                   | 30.2                     | 35.7                      | 38.8                        | 11.1                                   | 11.2                    | 9.9         | 19.9                  | 21.2                        | 24.5           | 7.3                                    | 6.6                     | 6.2                     |
| Utah . . . . .                      | 17.0                     | 17.5                      | 20.6                        | 11.6                                   | 10.6                    | 11.1        | 7.8                   | 8.8                         | 8.9            | 5.3                                    | 5.3                     | 4.8                     |
| Nevada . . . . .                    | 114.3                    | 106.5                     | 123.2                       | 142.8                                  | 113.7                   | 88.7        | 13.8                  | 13.3                        | -              | 17.3                                   | 14.2                    | (NA)                    |
| <b>Pacific</b> . . . . .            | <b>298.8</b>             | <b>310.6</b>              | <b>294.6</b>                | <b>9.4</b>                             | <b>8.9</b>              | <b>7.1</b>  | <b>187.9</b>          | <b>188.5</b>                | <b>51.5</b>    | <b>5.9</b>                             | <b>5.4</b>              | <b>5.1</b>              |
| Washington . . . . .                | 47.7                     | 43.8                      | 43.4                        | 11.6                                   | 9.9                     | 8.3         | 28.6                  | 26.3                        | 27.4           | 6.9                                    | 6.0                     | 5.2                     |
| Oregon . . . . .                    | 23.0                     | 22.4                      | 24.3                        | 8.7                                    | 8.3                     | 8.0         | 17.8                  | 15.7                        | 16.0           | 6.7                                    | 5.9                     | 5.3                     |
| California . . . . .                | 210.9                    | 222.8                     | 203.9                       | 8.9                                    | 8.5                     | 6.5         | 133.5                 | 12 <sup>1</sup> 137.5       | -              | 5.6                                    | 15 <sup>2</sup> 5.2     | (NA)                    |
| Alaska . . . . .                    | 5.4                      | 6.2                       | 5.5                         | 13.3                                   | 11.8                    | 9.2         | 3.5                   | 4.0                         | 3.2            | 8.8                                    | 7.7                     | 5.3                     |
| Hawaii . . . . .                    | 11.9                     | 15.4                      | 17.5                        | 12.3                                   | 14.7                    | 14.9        | 4.4                   | 4.9                         | 4.9            | 4.6                                    | 4.6                     | 4.2                     |

- Represents or rounds to zero. NA Not available. <sup>1</sup> Data are counts of marriages performed, except as noted. <sup>2</sup> Based on total population residing in area; population enumerated as of April 1 for 1980; estimated as of July 1 for all other years. <sup>3</sup> Includes annulments. <sup>4</sup> Estimate for U.S. is based on monthly reports adjusted for observed differences from final monthly figures. State figures are not adjusted in this manner. <sup>5</sup> Estimated. <sup>6</sup> Data are incomplete. <sup>7</sup> Excludes figures for States shown below as not available. <sup>8</sup> Includes divorce petitions filed for some counties. <sup>9</sup> Premarital health forms issued. <sup>10</sup> Divorce petitions filed. <sup>11</sup> Marriage data include nonlicensed marriages registered. <sup>12</sup> Data include legal separations.

Source: U.S. National Center for Health Statistics, *Vital Statistics of the United States*, annual; and *Monthly Vital Statistics Reports*.