

161'd 10/5/82

nchs MONTHLY VITAL STATISTICS REPORT

Final Data from the National Center for Health Statistics

Vol. 31, No. 6, Supplement • September 30, 1982

Advance Report of Final Mortality Statistics, 1979

Highlights

In 1979 a total of 1,913,841 resident deaths occurred in the United States, 13,947 fewer than in the previous year. The age-adjusted death rate in 1979—a year free of influenza epidemics—marked the lowest level ever recorded. Infant mortality attained a record low, and life expectancy reached a record high of almost 74 years. The largest gains in life expectancy during the previous 9 years were for black females, followed by black males, white females, and white males. Based on life expectancy at birth, the data show that women would be expected to outlive men by an average of 7.7 years, and the white population to outlive the black population by an average of 6.1 years.

The three leading causes of death—Diseases of heart; Malignant neoplasms, including neoplasms of lymphatic and hematopoietic tissues (cancer); and Cerebrovascular diseases (stroke) accounted for about 70 percent of the deaths in 1979, as in recent years. Trends in age-adjusted death rates for heart disease and stroke have been downward since 1950, while cancer trends have been upward. Accidents and adverse effects was the fourth leading cause, and Chronic obstructive pulmonary diseases and allied conditions was the fifth leading cause of death in the United States in 1979. Of the 15 leading causes of death, the most rapidly increasing in recent years was Septicemia, which ranked 15th.

Males experienced higher age-adjusted death rates than females for each of the 15 leading causes of death in 1979. The greatest difference was for Homicide and legal intervention; the least, for Diabetes mellitus. The black population had higher rates for most leading causes than the white population, with a maximum for Homicide and legal intervention but a lower rate than the white population for Suicide and Chronic obstructive pulmonary diseases and allied conditions.

Infant mortality was also at a record low. Rates for the black population continued to exceed those for the white population.

Almost two out of three deaths in 1979 occurred in a hospital or medical center, and over half the deaths of residents in the United States were to residents of the same State in which the decedent was born.

Deaths and death rates

Death rates shown in this report for 1971–79 are based on population estimates prepared by the Bureau of the Census prior to the availability of the results of the 1980 census enumeration. Because the population estimates in this report are consistent with one another, trend comparisons can be made between mortality data for 1979 and earlier years. In future reports rates for 1971–79 will be revised because of the large difference between the 1980 census enumeration and the previously estimated population for that year. The 1980 census enumeration was about 5.5 million higher than the estimated population for April 1, 1980.¹ Because the difference is particularly concentrated in certain age-race-sex groups, the rates for those groups will be affected considerably when revised rates, which are consistent with the 1980 census enumeration, are prepared. (See Explanatory notes.)

In 1979 there were 1,913,841 resident deaths recorded in the United States, 13,947 fewer than in 1978. The death rate declined in 1979: 869.5 deaths per 100,000 population compared with 883.4 in 1978. Provisional data indicate an increase in the death rate of about 3 percent in 1980 and a decline of nearly 1 percent in 1981. Influenza epidemics, absent in 1979, were present in both 1980 and 1981.

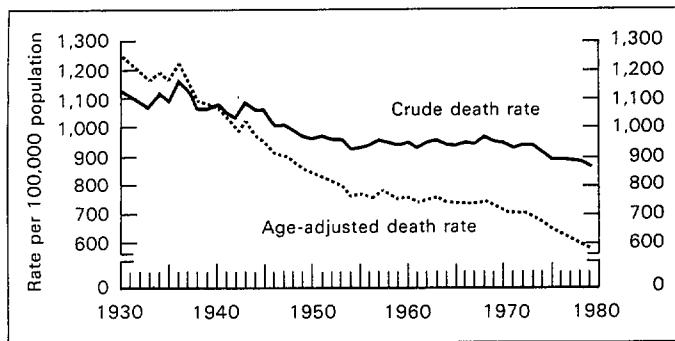


Figure 1. Crude and age-adjusted death rates: United States, 1930-79

The age-adjusted death rate declined from 606.1 in 1978 to 588.8 in 1979, the lowest level ever recorded (figure 1). Age-adjusted death rates show what the level of mortality would be if there were no changes in the age composition of the population from year to year. Therefore, they are better indicators than unadjusted death rates in showing changes in death rates over a period of time when the distribution of the population by age is changing. They are also better indicators when comparisons of mortality are being made for subgroups of the population (such as by sex or race) with different age composition.

Death rates by age, race, and sex

Death rates for every age group of both sexes have declined since 1950 except for males aged 15-24 years (figure 2). Between 1978 and 1979 this pattern was sustained except for males aged 25-34 years, for whom the death rate increased (table A).

For the white population the age-adjusted death rate decreased 2.9 percent, while that for the black population decreased 2.1 percent. In 1979 the age-adjusted death rate for the black population was 1.5 times that for the white population, the same as the ratio in 1978. Mortality data for the black population are shown in this report for the first time.

Between 1978 and 1979 the age-adjusted death rate for males decreased 2.8 percent, while that for females decreased 3.0 percent, reaching record low levels. In 1979, as in 1978, the age-adjusted death rate for males was 1.8 times that for females.

Expectation of life at birth and at specified ages

The expectation of life at birth attained a record high of 73.7 years in 1979 for the total population, up 0.4 year from 1978. This continues the general upward trend in this measure over the past several decades (figure 3).

The expectation of life at birth for 1979 represents the average number of years that a group of infants would live if they were to experience throughout life the age-specific death rates prevailing in 1979. Recent gains in life expectancy have been greater for the black population than for the white population; therefore, the difference in life expectancy between the white and black populations has narrowed since 1969-71, the most recent time period before 1979 for which official data on the life expectancy of the black population are available.² In 1979 life expectancy had increased to 74.4 years for the white population and to 68.3 years for the black population, gains of 2.8 and 4.2 years, respectively. For 1969-71 life expectancy for the white population was 71.6 years, while that for the black population was 64.1 years. The difference in life expectancy between the white and black populations narrowed from 7.5 years in 1969-71 to 6.1 years in 1979.

Both males and females showed gains of 0.4 year in life expectancy between 1978 and 1979, and these increases were larger than between 1977 and 1978. Life expectancy for females was 7.7 years greater than that for males in both 1979 and 1978. This difference was 6.5 years in 1960 and 5.5 years in 1950.

Among the race-sex groups, white females had the highest life expectancy (78.2 years), followed by black females (72.7 years), white males (70.6), and black males (64.0 years). The largest gain in life expectancy between 1969-71 and 1979 was for black females (4.4 years), followed by black males (4.0 years), and white males and white females (2.7 years each).

A person who has attained the age of 65 years may look forward to living to an older age on the average than one who has attained the age of 50 years. In 1950 a person aged 50 years could expect to live to age 74.5 years, and a person aged 65 years could expect to live to age 78.9 years. Since 1950 there has been an increase of 3.4 years in the average number of years of life remaining at age 50 years and an increase of 2.7 years at age 65 years.

Introduction of Ninth Revision

Effective with data for 1979, causes of death are classified by the *Ninth Revision International Classification of Diseases (ICD-9)*, which differs from the classification used for each of the years 1968-78, when the *Eighth Revision (ICDA-8)* was used. (See Explanatory notes.) This change has had several consequences: (1) it has created new cause-of-death category titles and corresponding category numbers; (2) it has resulted in breaks in the comparability of cause-of-death statistics; and (3) it has resulted in a major restructuring of the leading causes of death.

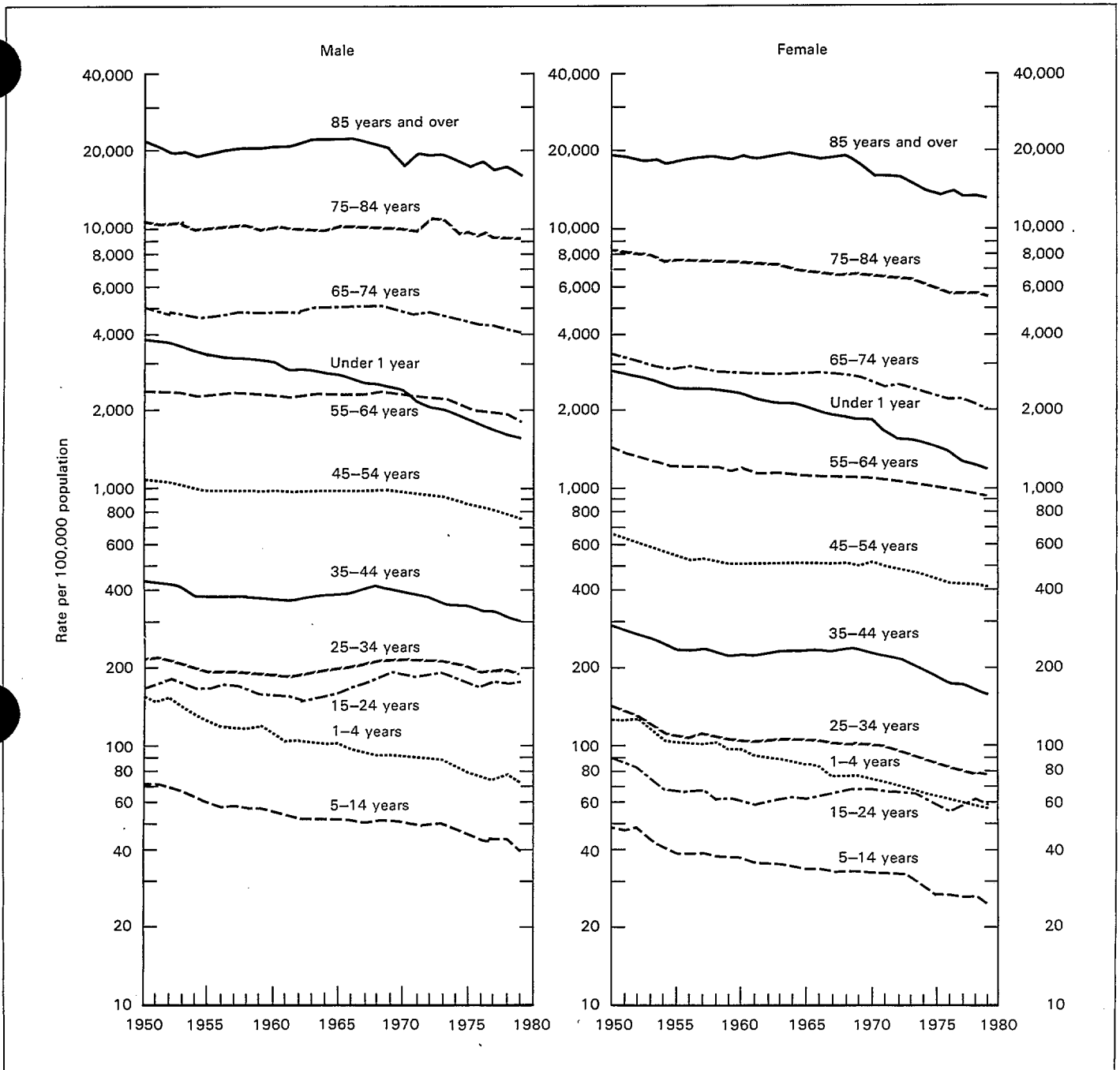


Figure 2. Death rates by age and sex: United States, 1950-79

While the new category titles used for publishing data under ICD-9 differ in content from those under ICDA-8, they are the most nearly comparable titles. New category titles among the 15 leading causes of death and the Eighth Revision titles with which they are compared are as follows: Accidents and adverse effects under the Ninth Revision compared with Accidents under the Eighth Revision; Chronic obstructive pulmonary diseases and allied conditions, with Bronchitis, emphysema, and asthma; Pneumonia and influenza, with Influenza and pneumonia; Chronic liver diseases

and cirrhosis, with Cirrhosis of liver; Atherosclerosis with Arteriosclerosis; Certain conditions originating in the perinatal period, with Certain causes of mortality in early infancy; Homicide and legal intervention, with Homicide; and Nephritis, nephrotic syndrome, and nephrosis compared with Nephritis and nephrosis. The remainder of the 15 leading causes under the Ninth Revision retained the same titles used under the Eighth Revision.

Because the cause-of-death category titles and inclusions under the Eighth and Ninth Revisions are

Table A. Percent change in death rates between 1978 and 1979 by age and sex: United States

Age	Total	Male	Female	Percent change		
All ages.....	-1.6	-1.8	-1.3			
Under 1 year.....	-3.0	-2.8	-3.2			
1-4 years.....	-5.2	-7.2	-2.8			
5-14 years.....	-5.0	-4.8	-5.0			
15-24 years.....	+0.2	+1.3	-3.1			
25-34 years.....	+1.5	+3.4	-3.1			
35-44 years.....	-3.6	-3.3	-4.2			
45-54 years.....	-3.3	-2.9	-4.1			
55-64 years.....	-3.3	-3.6	-2.9			
65-74 years.....	-2.8	-3.2	-2.4			
75-84 years.....	-2.6	-2.8	-2.5			
85 years and over.....	-4.1	-4.2	-3.9			

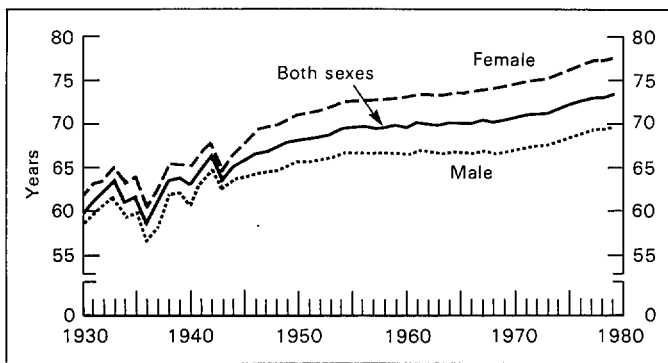


Figure 3. Life expectancy by sex: United States, 1930-79

not identical, breaks in the comparability of some cause-of-death statistics have resulted. A measure of similarity—the comparability ratio—for many of the causes of death shown in this report was published in a previous report³ and is reproduced in the last table of this report.

For 3 of the 15 leading causes there were decided breaks in comparability between the Eighth and Ninth Revisions: Chronic obstructive pulmonary diseases and allied conditions; Nephritis, nephrotic syndrome, and nephrosis; and Septicemia. The first two of these titles had more deaths assigned to them under the Ninth Revision than under the Eighth (an estimated 88 and 74 percent, respectively). The third title, Septicemia, had fewer deaths assigned to it under the Ninth Revision than under the Eighth (an estimated 15 percent).

Lesser discontinuities occurred for three additional leading causes. Pneumonia and influenza had an estimated 7 percent fewer deaths assigned to it under the Ninth Revision than under the Eighth; Atherosclerosis, an estimated 6 percent more; and Certain conditions originating in the perinatal period, an estimated 8 percent more. For the remaining 9 of the 15 leading causes, there was little or no change in the number of deaths assigned.

Leading causes of death

Deaths assigned to the 15 leading causes of death accounted for 89.3 percent of the total number of deaths in 1979 (table B). (For ranking procedures, see Explanatory notes.) The four leading causes of death were the same in 1979 as in 1978, namely: (1) Diseases of heart; (2) Malignant neoplasms, including neoplasms of lymphatic and hematopoietic tissues; (3) Cerebrovascular diseases; and (4) Accidents and adverse effects. These rankings were not affected by introduction of the Ninth Revision.

Chronic obstructive pulmonary diseases and allied conditions ranked as the fifth leading cause of death in 1979, a change brought about by introduction of the Ninth Revision. In 1978, the most nearly comparable title, Bronchitis, emphysema, and asthma (ICDA-8) ranked as the 11th leading cause of death. Differences in the inclusions under the Eighth and Ninth Revision titles are discussed later in this report.

The other leading causes of death shifted rank by no more than one position between 1978 and 1979. Thus, Pneumonia and influenza ranked 6th in 1979 compared with 5th in 1978; Diabetes mellitus, 7th compared with 6th; Chronic liver disease and cirrhosis, 8th compared with 7th; Atherosclerosis, 9th compared with 8th; Suicide, 10th compared with 9th; Certain conditions

Table B. Death rates and percent of total deaths for the 15 leading causes of death: United States, 1979

[Rates per 100,000 population]

Rank ¹	Cause of death (Ninth Revision International Classification of Diseases, 1975)	Rate	Percent of total deaths
...	All causes	869.5	100.0
1	Diseases of heart	333.1	38.3
2	Malignant neoplasms, including neoplasms of lymphatic and hematopoietic tissues	183.3	21.1
3	Cerebrovascular diseases.....	77.0	8.9
4	Accidents and adverse effects.....	47.8	5.5
...	Motor vehicle accidents.....	24.3	...
...	All other accidents and adverse effects	23.5	...
5	Chronic obstructive pulmonary diseases and allied conditions	22.7	2.6
6	Pneumonia and influenza.....	20.5	2.4
7	Diabetes mellitus	15.1	1.7
8	Chronic liver disease and cirrhosis....	13.5	1.6
9	Atherosclerosis	13.1	1.5
10	Suicide.....	12.4	1.4
11	Certain conditions originating in the perinatal period.....	10.7	1.2
12	Homicide and legal intervention.....	10.2	1.2
13	Nephritis, nephrotic syndrome, and nephrosis	7.1	0.8
14	Congenital anomalies.....	6.1	0.7
15	Septicemia.....	3.6	0.4
...	All other causes	93.3	10.7

¹Rank based on number of deaths. See Explanatory notes.

originating in the perinatal period, 11th compared with 10th; Nephritis, nephrotic syndrome, and nephrosis, 13th compared with 14th; and Congenital anomalies ranked 14th compared with 13th. The ranking of the remaining leading causes—Homicide and legal intervention (12th) and Septicemia (15th)—remained unchanged from 1978. The drop in rank for Atherosclerosis and Certain conditions originating in the perinatal period occurred even though these titles had more deaths assigned to them as a result of changes between the Eighth and Ninth Revisions; and Septicemia retained its ranking even with fewer deaths assigned to it under the Ninth Revision.

Among the nine leading causes of death that were comparable between the Eighth and Ninth Revisions (comparability ratios close to 1.0), decreases in the age-adjusted death rate occurred between 1978 and 1979 for Diseases of heart; Malignant neoplasms, including neoplasms of lymphatic and hematopoietic tissues; Cerebrovascular diseases; Accidents and adverse effects; Diabetes mellitus; Chronic liver disease and cirrhosis; and Suicide. An increase occurred in the age-adjusted death rate for Homicide and legal intervention, and in the infant mortality rate for Congenital anomalies. For the other leading causes of death (Chronic obstructive pulmonary diseases and allied conditions; Pneumonia and influenza; Atherosclerosis; Certain conditions originating in the perinatal period; Nephritis, nephrotic syndrome, and nephrosis; and Septicemia) the discontinuities in classification of cause of death were substantial between 1978 and 1979, but taking discontinuities into account, it appears that age-adjusted rates for Pneumonia and influenza and Atherosclerosis continued downward trends and the rate for Septicemia continued its upward trend.

Diseases of heart.—In 1979 this leading cause of death in the United States accounted for 733,235 deaths (almost 4 out of every 10 deaths), resulting in an age-adjusted death rate of 203.5 deaths per 100,000 population. The age-adjusted death rate, which for 1979 was lower than that for 1978 (207.6 deaths per 100,000 population) was consistent with the general downward trend for this cause during 1950–78, as shown in figure 4. For 1979 the age-adjusted death rate for males was about twice the rate for females, and that for the black population was about 1.3 times that for the white population, as shown in table C.

Malignant neoplasms, including neoplasms of lymphatic and hematopoietic tissues.—For the first time there were over 400,000 deaths (403,395) from Malignant neoplasms, which accounted for approximately 2 out of 10 deaths. The age-adjusted death rate from this cause decreased slightly between 1978 and 1979 (from 133.8 deaths per 100,000 population to 133.2) in contrast to the general upward trend that has prevailed since 1950. For 1979 the age-adjusted rate

for males was 1.5 times the rate for females, and that for the black population was about 1.3 times that for the white population.

Cerebrovascular diseases.—Cerebrovascular diseases accounted for 169,488 deaths (almost 1 out of every 10 deaths) in 1979, resulting in an age-adjusted death rate of 42.5 deaths per 100,000 population. This continued the general downward trend observed since 1950. The age-adjusted death rate for males was about 1.2 times the rate for females, and that for the black population was about 1.8 times that for the white population.

Accidents and adverse effects.—Accidents and adverse effects accounted for 105,312 deaths. The age-adjusted death rate of 43.7 deaths per 100,000 population was consistent with the nearly level trend beginning about 1975. The age-adjusted death rate for males was about 3.0 times the rate for females, and that for the black population was about 1.2 times that for the white population.

For Motor vehicle accidents there were 53,524 deaths in 1979 compared with 52,411 in 1978. A slight upward trend since 1975 in the age-adjusted death rate for this cause continued through 1979, when the rate was 23.7 deaths per 100,000 population. Between 1973 and 1974 a 17.4-percent decrease occurred when there were serious gasoline shortages and legislation was passed establishing a maximum speed limit of 55 miles per hour on the Nation's highways. The age-adjusted death rate for males was about 3.0 times the rate for females, and that for the white population was 1.2 times that for the black population.

For All other accidents and adverse effects the number of deaths in 1979 was 51,788, slightly fewer than deaths from Motor vehicle accidents. In contrast to the Motor vehicle accident age-adjusted death rate, the trend since 1950 for All other accidents and adverse effects has been generally downward. In 1979 the age-adjusted rate was 20.0 deaths per 100,000 population. For males the age-adjusted death rate was about three times that for females. For the black population the rate was 1.7 times that for the white population.

Chronic obstructive pulmonary diseases and allied conditions.—This cause accounted for 49,933 deaths. Its ranking as a leading cause of death as well as its comparability with data for earlier years was affected by changes in disease classification between the Eighth and Ninth Revisions.

The Ninth Revision cause of death Chronic obstructive pulmonary diseases and allied conditions takes into account changes in certification practices for respiratory diseases that had been observed during recent years. In the late 1960's it was noted that medical certifiers were entering with increasing frequency the generalized term "chronic obstructive lung disease" on certificates instead of the more specific diagnoses of "emphysema,"

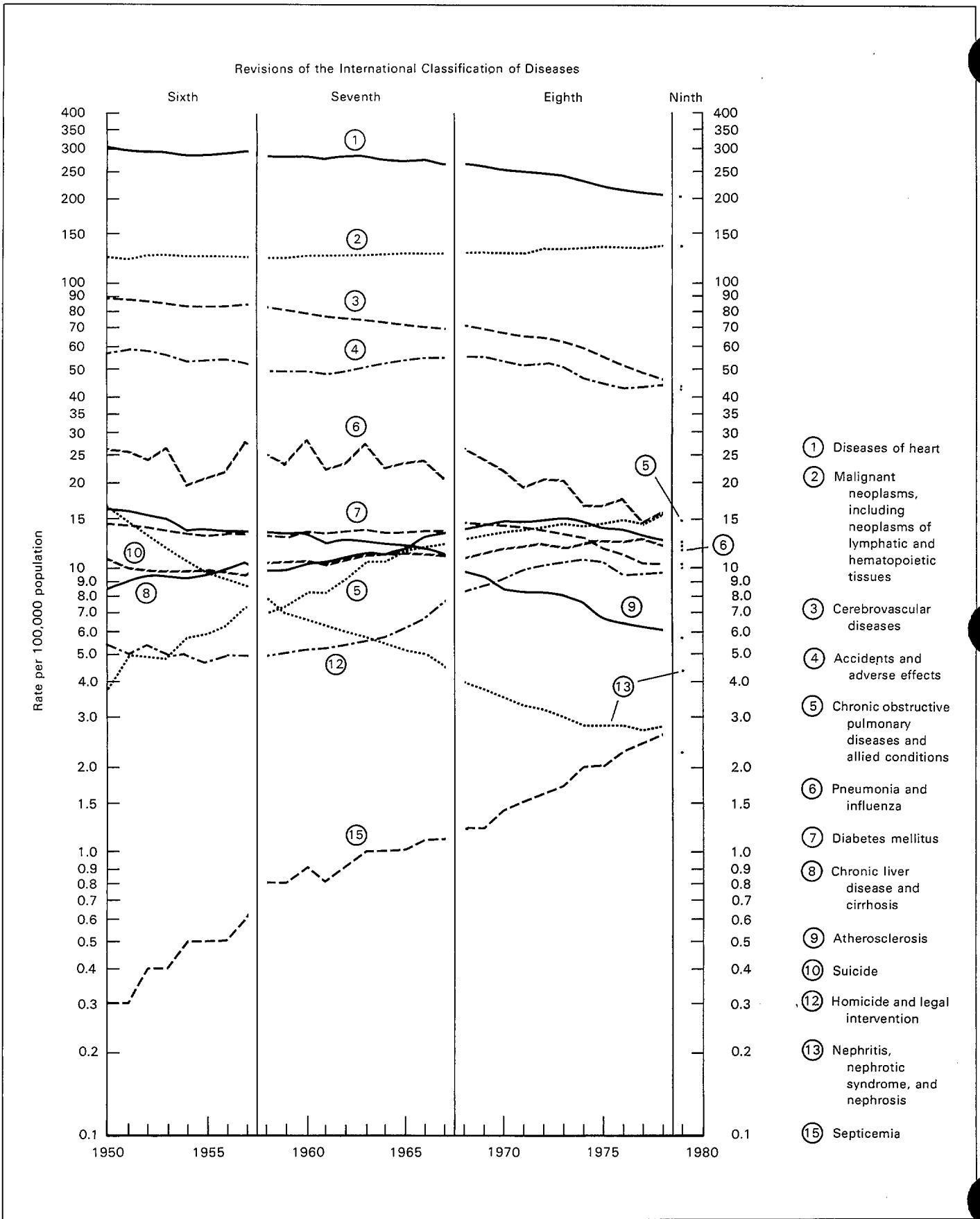


Figure 4. Age-adjusted death rates for 13 of the 15 leading causes of death: United States, 1950-79

Table C. Ratio of age-adjusted death rates for the 15 leading causes of death, by sex and race: United States, 1979

Rank ¹	Cause of death (Ninth Revision International Classification of Diseases, 1975)	Ratio of—	
		Male to female	Black to white
...	All causes.....	1.80	1.49
1	Diseases of heart.....	2.01	1.27
2	Malignant neoplasms, including neoplasms of lymphatic and hematopoietic tissues...	1.51	1.32
3	Cerebrovascular diseases.....	1.19	1.80
4	Accidents and adverse effects.....	2.96	1.20
...	Motor vehicle accidents.....	2.96	0.85
...	All other accidents and adverse ef- fects.....	2.98	1.65
5	Chronic obstructive pulmonary diseases and allied conditions.....	3.13	0.75
6	Pneumonia and influenza.....	1.86	1.61
7	Diabetes mellitus.....	1.04	2.21
8	Chronic liver disease and cirrhosis.....	2.19	1.90
9	Atherosclerosis.....	1.29	1.09
10	Suicide.....	3.05	0.60
11	Certain conditions originating in the peri- natal period ²	1.26	2.14
12	Homicide and legal intervention.....	3.88	6.26
13	Nephritis, nephrotic syndrome, and ne- phrosis.....	1.58	2.97
14	Congenital anomalies ²	1.15	0.96
15	Septicemia.....	1.40	2.85

¹Rank based on number of deaths. See Explanatory notes.
²Inasmuch as deaths from these causes occur almost entirely among infants, ratios are based on 1979 infant mortality rates instead of rates adjusted to the total population of the United States in 1940.

“bronchitis,” or “asthma.” Beginning with data year 1969, the United States established a separate category (denoted by ICDA-8 No. *519.3) to identify deaths assigned to Chronic obstructive lung disease. Effective with data for 1972, the title was changed to Chronic obstructive lung disease without mention of asthma, bronchitis, or emphysema.

The trend in the age-adjusted death rate for these respiratory diseases has been generally upward but at a decelerating rate since 1950. A slight decline appears to have occurred in 1979. To depict the overall trend in respiratory diseases during the period 1969-78, a combination of complementary categories was used (ICDA-8 Nos. 490-493 and *519.3). Under the Ninth Revision, deaths assigned to these two categories are combined under the title Chronic obstructive pulmonary diseases and allied conditions (ICD-9 Nos. 490-496) (table D).

The age-adjusted death rate in 1979 for males was 3.1 times the rate for females, and that for the white population was 1.3 times that for the black population.

Pneumonia and influenza.—A total of 45,030 deaths were attributed to Pneumonia and influenza in 1979, resulting in an age-adjusted death rate of 11.4 deaths per 100,000 population. Taking into account discontinuities associated with comparability between

the Eighth and Ninth Revisions for this cause of death (comparability ratio of 0.9264), the age-adjusted death rate for 1979 appears to have been the lowest recorded for the United States. This continues the general downward trend observed for the 1970's and also reflects in part the absence of an influenza epidemic in 1979. During 1968-79, when eight outbreaks of influenza occurred, the age-adjusted rates for Influenza in the epidemic years ranged from 1.0 to 2.5 deaths per 100,000 population. For 1979 the rate from this cause was 0.1 per 100,000 population. For other nonepidemic years the age-adjusted rates were 0.5 per 100,000 population for 1971, 0.6 per 100,000 for 1974, and 0.3 per 100,000 for 1977. The effect of influenza epidemics appears to elevate levels of mortality for other causes of death.

The age-adjusted death rate for Pneumonia and influenza in 1979 for males was 1.9 times the rate for females, and that for the black population was 1.6 times that for the white population.

Diabetes mellitus.—In 1979, 33,192 persons died from Diabetes mellitus. Continuing the downward trend of the 1970's, the age-adjusted death rate for 1979 was 10.0 deaths per 100,000 population. For males the rate was 4 percent above that for females, while the rate for the black population was 2.2 times that for the white population. Among the race-sex groups, black females had the highest age-adjusted death rates from this cause. Their rate was 21.9 deaths per 100,000 population compared with 17.3 for black males, 9.5 for white males, and 8.6 for white females.

Chronic liver disease and cirrhosis.—This disease, to which 29,720 deaths were attributed in 1979, continued to exhibit a downward trend observed since 1974. In 1979 the age-adjusted death rate was 12.2 deaths per 100,000 population. On an age-adjusted basis, the death rate for males was over twice that (2.2) for females, and that for the black population was almost twice (1.9) that for the white population.

Atherosclerosis.—Atherosclerosis resulted in 28,801 deaths in 1979. The downward trend since 1950 continued, reaching an age-adjusted rate for 1979 of 5.7 deaths per 100,000 population. In terms of age-adjusted death rates, males in 1979 were 1.3 times as likely to die from this cause as females, and the black population was 1.1 times as likely to die from Atherosclerosis as the white population.

Suicide.—A total of 27,206 persons took their own lives in 1979. Compared with the peak years of 1977 and 1978, when the age-adjusted death rate reached levels of 12.9 and 12.0 deaths per 100,000 population, the rate of 11.9 for 1979 represented a slight decrease. Males in 1979 were 3.1 times as likely to die from Suicide as females in terms of age-adjusted death rates. The white population was 1.7 times as likely to die from this cause as the black population.

Table D. Deaths and age-adjusted death rates for Chronic obstructive pulmonary diseases and allied conditions of the *Ninth Revision International Classification of Diseases* and a comparable combination of causes of the Eighth Revision: United States, 1969-79

Year	Eighth Revision			Ninth Revision
	Bronchitis, emphysema, and asthma (490-493)	Chronic obstructive lung disease without mention of asthma, bronchitis, or emphysema (*519.3)	Combination of 490-493 and *519.3	Chronic obstructive pulmonary diseases and allied conditions (490-496)
Age-adjusted rate per 100,000 population				
1979	...	...	...	14.9
1978	6.8	8.6	15.5	...
1977	7.2	7.4	14.5	...
1976	7.9	6.8	14.8	...
1975	8.6	5.7	14.3	...
1974	9.2	4.8	14.0	...
1973	10.4	3.9	14.3	...
1972	11.0	2.9	13.9	...
1971	11.1	2.3	13.3	...
1970	11.6	1.7	13.2	...
1969	11.9	1.0	12.9	...
Number				
1979	...	...	...	49,933
1978	21,875	28,613	50,488	...
1977	22,363	23,962	46,325	...
1976	24,410	21,472	45,882	...
1975	25,468	17,593	43,061	...
1974	26,880	14,299	41,179	...
1973	29,708	11,334	41,042	...
1972	30,768	8,210	38,978	...
1971	30,284	6,321	36,605	...
1970	30,889	4,444	35,333	...
1969	31,144	2,704	33,848	...

Certain conditions originating in the perinatal period.—A total of 23,448 deaths were reported for this cause. Because almost all of these (99.5 percent in 1979) are to infants under the age of 1 year, mortality from this cause is usually measured by the number of deaths under 1 year of age per 100,000 live births. The trend of the infant mortality rate for this cause has been downward, with little interruption since 1950, paralleling the pattern observed for the total infant mortality rate. Components of this cause are discussed in the section on Infant mortality.

Homicide and legal intervention.—Homicide and legal intervention accounted for a total of 22,550 deaths. In terms of the age-adjusted rate, the trend for this cause was upward during 1950-74, but since then there has been no clear trend. In 1979 the rate stood at 10.4 deaths per 100,000 population.

The age-adjusted death rate for 1979 for males was 3.9 times that for females, and that for the black population was 6.3 times that for the white population. These were the largest sex and race differentials among the leading causes of death in 1979.

Nephritis, nephrotic syndrome, and nephrosis.—In 1979, 15,729 persons died from this cause. The age-adjusted death rate was 4.4 deaths per 100,000 population. Whether the sustained decrease in this cause

observed since 1950 continued in 1979 is unclear because of the serious discontinuity in classification between the Eighth and Ninth Revisions.

The age-adjusted rate for males in 1979 was 1.6 times the rate for females, and that for the black population was 3.0 times that for the white population.

Congenital anomalies.—In 1979 Congenital anomalies was the 14th leading cause of death and accounted for 13,526 deaths, of which two-thirds were infants. Because such a large proportion of these deaths occur under 1 year of age, mortality from this cause is more appropriately measured by the infant mortality rate. Among infants, it was the leading cause of death. This cause is discussed in greater detail in the section on Infant mortality.

Septicemia.—A total of 8,024 deaths were attributed to Septicemia in 1979. While the discontinuity in classification between the Eighth and Ninth Revisions for this cause makes comparisons between 1978 and 1979 difficult (comparability ratio of 0.8500), it appears that the age-adjusted death rate for 1979 (2.4 deaths per 100,000 population) continued the increase observed for this cause since 1950. Between 1968 and 1978 the age-adjusted death rate for Septicemia more than doubled.

In terms of age-adjusted rates, in 1979 males

were 1.4 times as likely to die from Septicemia as females, and the black population was almost three times as likely as the white population to die of Septicemia.

Report of autopsy

For 1979 all States requested information on the death certificate as to whether autopsies were performed. Autopsies were reported as performed for 294,182, or 15.4 percent, of the 1,913,841 deaths occurring during the year. This percentage was heavily influenced by the low proportion of autopsies reported for the three leading causes of death: Diseases of heart; Malignant neoplasms, including neoplasms of lymphatic and hematopoietic tissues; and Cerebrovascular diseases. Altogether, these diseases accounted for slightly more than two of every three deaths in 1979. Autopsies were reported as having been performed for only 9.3 percent of these deaths.

In comparison, autopsies were performed for 50.4 percent of deaths due to Homicide and legal intervention, Suicide, and Accidents and adverse effects, which as a group represented only about 8 percent of all deaths.

In 1958 and 1972, for all causes of death combined, the proportion of deaths autopsied was reported to have been the same, 19.1 percent. Between 1972 and 1979 the proportion of autopsied deaths declined without interruption to 15.4 percent. The proportion has increased over the last 21 years for three selected causes: Homicide and legal intervention, Suicide, and Accidents and adverse effects. The percent of Homicide and legal intervention deaths autopsied increased from 60.6 in 1958 to 93.2 percent in 1979; the percent for Suicide, from 21.7 to 45.2 percent; and for Accidents and adverse effects, from 26.8 to 42.6 percent. During this 21-year period the percent of deaths for which autopsies were performed declined for the other 12 leading causes except for Certain conditions originating in the perinatal period. Since 1972 the percent autopsied for all causes of death combined has been generally increasing for decedents under 35 years of age and decreasing for those 35 years and older.

In 1979 autopsies were reported to have been performed for 40 percent or more of the deaths for 4 of the 15 leading causes: Homicide and legal intervention, Congenital anomalies, Suicide, and Accidents and adverse effects. Autopsies for an additional 2 of the remaining 15 leading causes of death were reported to have been performed for at least 20 percent of the deaths: Certain conditions originating in the perinatal period (34.5 percent) and Chronic liver disease and cirrhosis (28.5 percent).

Day of death

The average number of motor vehicle fatalities on Saturday (212 deaths) is 83 percent higher than the average on Tuesday (116 deaths), the day of the week with the lowest average number of these fatalities. The average number of deaths from Homicide and legal intervention on Saturday (87) is 74 percent higher than the average on Wednesday (50), the day of the week with the lowest average number of deaths from Homicide and legal intervention. For Suicide, variation by day of death is less pronounced, with the average number of deaths for Suicide ranging from 71 deaths on Saturday to 82 deaths on Monday.

Infant mortality

In 1979 there were 45,665 infant deaths in the United States; that is, deaths of infants under 1 year of age. The infant mortality rate of 13.1 infant deaths per 1,000 live births was the lowest rate ever recorded for the United States. The rate declined 5.1 percent from the level of 13.8 in 1978. Among white infants, the mortality rate (per 1,000 live births) decreased 5.0 percent, from 12.0 in 1978 to 11.4 in 1979, while for black infants the rate decreased 5.6 percent, from 23.1 in 1978 to 21.8 in 1979. The infant mortality rate for black infants was almost twice that for white infants in 1979, as it was 20 years earlier, in 1959 (figure 5).

The introduction of the Ninth Revision of the *International Classification of Diseases* resulted in both a major restructuring of the leading causes of infant death in 1979, as well as in the creation of new category titles that preclude comparisons with Eighth Revision titles for many leading causes of infant death, except for Congenital anomalies and Disorders relating to short gestation and unspecified low birth weight.

The three leading causes of infant mortality—Congenital anomalies, Respiratory distress syndrome, and Sudden infant death syndrome—accounted for 19,660 infant deaths, or 43 percent of all infant deaths in 1979. Their rates were, respectively, 255.4, 156.2, and 151.1 infant deaths per 100,000 live births. The fourth leading cause of infant mortality was Disorders relating to short gestation and unspecified low birth-weight (100.0 infant deaths per 100,000 live births), followed by Newborn affected by maternal complications of pregnancy (46.4); Intrauterine hypoxia and birth asphyxia (39.9); Birth trauma (32.3); Pneumonia and influenza (32.3); Accidents and adverse effects (30.9), of which about one-fifth were due to Motor vehicle accidents; and Infections specific to the perinatal period (28.1).

The infant mortality rate between black infants and

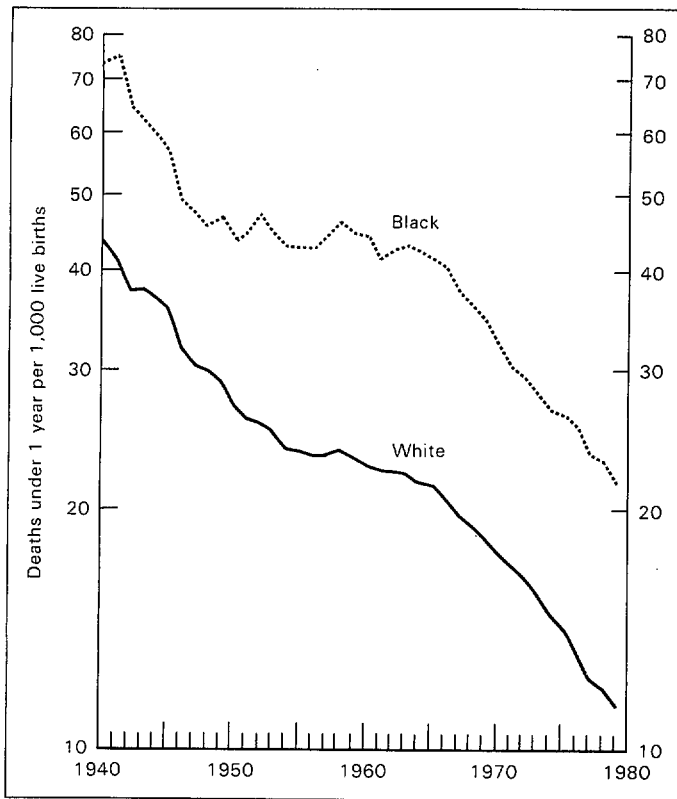


Figure 5. Infant mortality rates by race: United States, 1940-79

white infants varied by cause. Among the 10 leading causes of infant death, the largest race ratio (which expresses the ratio of an infant mortality rate for black infants to that for white infants) was 3.0 for Disorders relating to short gestation and unspecified low birth-weight, followed by Pneumonia and influenza (2.7), Newborn affected by maternal complications of pregnancy (2.3), Sudden infant death syndrome (2.3), Accidents and adverse effects (2.0), Intrauterine hypoxia and birth asphyxia (2.0), Birth trauma (1.8), Infections specific to the perinatal period (1.7), Respiratory distress syndrome (1.7), and Congenital anomalies (1.0).

Maternal mortality

In 1979, 336 women died of maternal causes (table E). As in previous years, this number does not include all deaths occurring to pregnant women but only deaths assigned to Complications of pregnancy, childbirth, and the puerperium (ICD-9 Nos. 630-676). Taking into account the relatively large discontinuity in the classification of deaths from maternal causes between the Eighth and Ninth Revisions, it appears that the maternal mortality rate for 1979 continued the general downward trend of maternal mortality. Between 1968

Table E. Maternal deaths and maternal mortality rates by race: United States, 1979

[Maternal deaths are those assigned to Complications of pregnancy, childbirth, and the puerperium, category numbers 630-676 of the Ninth Revision International Classification of Diseases, 1975. Rates per 100,000 live births in specified group]

Race	Number	Rate
Total.....	336	9.6
White.....	180	6.4
All other.....	156	22.7
Black.....	145	25.1

and 1978 the rate declined 61 percent. Black women were almost four times as likely as white women to die of causes associated with pregnancy, childbirth, and the puerperium.

Place of death

For the first time since 1958⁴ mortality data are shown by whether the death occurred in a hospital or medical center. In 1979 almost two of three deaths (62.5 percent) occurred in a hospital or medical center.

By age, the percent of deaths occurring in a hospital or medical center was highest for the age group under 1 year (84.2 percent), was lowest for the age group 15-24 years (42.2 percent), and attained another peak for the two age groups 45-64 years and 65-74 years (67.4 and 67.9 percent, respectively). While males and females showed a similar distribution by age, for females the percent of deaths occurring in a hospital or medical center was greater than that for males for all age groups under 75 years. The largest difference between the sex groups for deaths for which age was stated was at ages 25-44 years: 61.9 percent of female deaths compared with 48.6 percent of male deaths occurred in hospitals.

State of birth

For the United States as a whole, about 11 percent of all deaths in 1979 were to persons who were not born in the United States. By State of residence, the highest percent of decedents not born in the United States was for Hawaii (30.6 percent), followed by New York (27.4 percent), Massachusetts (23.3 percent), Rhode Island (22.8 percent), Connecticut (22.7 percent), and New Jersey (21.1 percent). Generally, States in the South had the lowest percent of decedents not born in the United States: Mississippi (0.6 percent), Kentucky (0.8 percent), Alabama (0.9 percent), Tennessee (0.9

percent), North Carolina (1.1 percent), and South Carolina (1.1 percent).

For the nation as a whole, over half (54.2 percent) of all deaths in 1979 were to residents of the same State in which they were born. This percent may be viewed as an index of the geographic mobility of the residents of a State; a high percent indicates a geographically immobile population, and a low percent indicates a relatively mobile resident population.

States having proportionately the most deaths to residents of the same State in which they were born

tended to be in the South, such as Kentucky (82.6 percent), Mississippi (82.4 percent), Alabama (81.3 percent), North Carolina (79.0 percent), and South Carolina (79.0 percent). Conversely, States with the smallest percent of deaths to residents of the same State in which they were born were: Nevada (10.2 percent), Florida (14.6 percent), Arizona (16.0 percent), California (19.9 percent), Wyoming (25.6 percent), and Oregon (25.8 percent). For the District of Columbia 24.6 percent of the resident deaths in 1979 were also born in that city.

References

- ¹U.S. Bureau of the Census: Coverage of the national population in the 1980 census, by age, sex, and race: Preliminary estimates by demographic analysis. *Current Population Reports*, Series P-23, No. 115. Washington. U.S. Government Printing Office, Feb. 1982.
- ²National Center for Health Statistics, T. N. E. Greville: National life tables: 1969-71. *U.S. Decennial Life Tables for 1969-71*, Vol. 1, No. 1. Public Health Service. Rockville, Md. May 1975.
- ³National Center for Health Statistics: Estimates of selected comparability ratios based on a dual coding of 1976 death certificates by the Eighth and Ninth Revisions of the International Classification of Diseases. A. J. Klebba and J. H. Scott. *Monthly Vital Statistics Report*. Vol. 28-no. 11 Supp. DHEW Pub. No. (PHS) 80-1120. Public Health Service. Washington. U.S. Government Printing Office, Feb. 29, 1980.
- ⁴National Office of Vital Statistics: *Vital Statistics of the United States, 1958*, Vols. I and II. Washington. U.S. Government Printing Office, 1960.
- ⁵World Health Organization: *Manual of the International Statistical Classification of Diseases, Injuries, and Causes of Death* (based on the recommendations of the Ninth Revision Conference, 1975). Geneva. World Health Organization, 1977.
- ⁶National Center for Health Statistics: *Eighth Revision International Classification of Diseases, Adapted for Use in the United States*. PHS Pub. No. 1693. Public Health Service. Washington. U.S. Government Printing Office, 1967.
- ⁷World Health Organization: *Manual of the International Statistical Classification of Diseases, Injuries, and Causes of Death* (based on the recommendations of the Eighth Revision Conference, 1965). Geneva. World Health Organization, 1967.
- ⁸World Health Organization: *Manual of the International Statistical Classification of Diseases, Injuries, and Causes of Death* (based on the recommendations of the Seventh Revision Conference, 1955). Geneva. World Health Organization, 1957.
- ⁹World Health Organization: *Manual of the International Statistical Classification of Diseases, Injuries, and Causes of Death* (based on the recommendations of the Sixth Revision Conference, 1948). Geneva. World Health Organization, 1948.
- ¹⁰National Center for Health Statistics, A. J. Klebba and A. B. Dolman: Comparability of mortality statistics for the Seventh and Eighth Revisions of the International Classification of Diseases, United States. *Vital and Health Statistics*. Series 2-No. 66. Public Health Service. Rockville, Md., Oct. 1975.
- ¹¹National Center for Health Statistics, M. M. Faust and A. B. Dolman: Comparability of mortality statistics for the Sixth and Seventh Revisions, United States, 1958. *Vital Statistics—Special Reports*. Vol. 51, No. 4. Public Health Service. Washington. Mar. 1965.
- ¹²National Center for Health Statistics: Vital Statistics, instructions for classifying the underlying cause of death, Annually. *NCHS Instruction Manual*, Part 2a. Public Health Service.
- ¹³U.S. Bureau of the Census: Annual estimates of the population of States, July 1, 1970 to 1979. *Current Population Reports, Population Estimates and Projections*. Series P-25, No. 876. Washington. U.S. Government Printing Office, Feb. 1980.
- ¹⁴U.S. Bureau of the Census: Estimates of the population of the United States, by age, race, and sex: 1976 to 1979. *Current Population Reports, Population Estimates and Projections*. Series P-25. No. 870. Washington. U.S. Government Printing Office, Jan. 1980.
- ¹⁵Bureau of the Census: Estimates of the population of the United States, by age, sex, and race: April 1, 1960 to July 1, 1973. *Current Population Reports*. Series P-25, No. 519. Washington. U.S. Government Printing Office, Apr. 1974.

Table 1. Deaths and death rates by age, race, and sex: United States, 1979

All races	All races			White			All other					
	Both sexes	Male	Female	Both sexes	Male	Female	Total			Black		
							Both sexes	Male	Female	Both sexes	Male	Female
	Number											
All ages.....	1,913,841	1,044,959	868,882	1,676,145	910,137	766,008	237,696	134,822	102,874	220,818	124,433	96,385
Under 1 year	45,665	25,980	19,685	32,079	18,502	13,577	13,586	7,478	6,108	12,586	6,933	5,653
1-4 years	8,108	4,591	3,517	5,995	3,435	2,560	2,113	1,156	957	1,888	1,028	860
5-9 years	5,278	3,179	2,099	4,065	2,450	1,615	1,213	729	484	1,098	661	437
10-14 years	5,868	3,763	2,105	4,759	3,053	1,706	1,109	710	399	1,003	637	366
15-19 years	21,085	15,547	5,538	17,913	13,265	4,648	3,172	2,282	890	2,761	1,984	777
20-24 years	27,634	21,054	6,580	22,187	17,076	5,111	5,447	3,978	1,469	4,830	3,519	1,311
25-29 years	24,814	18,332	6,482	18,784	13,989	4,795	6,030	4,343	1,687	5,433	3,921	1,512
30-34 years	23,127	16,014	7,113	17,236	11,977	5,259	5,891	4,037	1,854	5,373	3,706	1,667
35-39 years	25,103	16,305	8,798	18,714	12,172	6,542	6,389	4,133	2,256	5,877	3,812	2,065
40-44 years	32,620	20,752	11,868	24,742	15,726	9,016	7,878	5,026	2,852	7,286	4,668	2,618
45-49 years	50,779	32,366	18,413	40,024	25,752	14,272	10,755	6,614	4,141	10,082	6,220	3,862
50-54 years	84,486	53,837	30,649	68,970	44,334	24,636	15,516	9,503	6,013	14,564	8,928	5,636
55-59 years	123,622	78,814	44,808	104,028	66,724	37,304	19,594	12,090	7,504	18,483	11,361	7,122
60-64 years	163,344	103,474	59,870	141,277	90,438	50,839	22,067	13,036	9,031	20,819	12,253	8,566
65-69 years	209,007	129,066	79,941	182,308	113,753	68,555	26,699	15,313	11,386	25,168	14,327	10,841
70-74 years	240,248	140,105	100,143	213,718	125,620	88,098	26,530	14,485	12,045	24,889	13,404	11,485
75-79 years	251,822	132,212	119,610	226,584	119,296	107,288	25,238	12,916	12,322	23,457	11,776	11,681
80-84 years	241,854	110,104	131,750	224,321	101,651	122,670	17,533	8,453	9,080	16,117	7,658	8,459
85 years and over	328,725	119,006	209,719	307,964	110,591	197,373	20,761	8,415	12,346	18,944	7,522	11,422
Not stated.....	652	458	194	477	333	144	175	125	50	160	115	45
	Rates per 100,000 population ¹											
All ages ¹	869.5	976.5	768.3	882.3	982.2	787.2	788.8	939.9	651.7	853.8	1,012.1	710.3
Under 1 year	1,391.8	1,546.4	1,229.5	1,183.3	1,330.1	1,028.6	2,387.7	2,587.5	2,181.4	2,600.4	2,829.8	2,375.2
1-4 years	65.6	72.6	58.2	59.1	66.1	51.8	94.6	102.4	86.7	99.2	106.7	91.5
5-9 years	32.0	37.7	26.0	30.0	35.3	24.4	41.5	49.4	33.4	43.8	52.3	35.2
10-14 years	32.5	40.8	23.8	31.7	39.8	23.3	36.2	46.0	26.2	37.2	47.0	27.3
15-19 years	101.1	146.9	53.9	102.1	148.7	53.9	95.7	137.4	53.8	94.8	136.4	53.4
20-24 years	134.6	205.3	64.1	126.9	194.2	58.8	178.9	272.5	92.7	184.7	282.2	95.8
25-29 years	135.3	201.6	70.1	118.8	176.6	60.8	237.7	370.9	123.6	255.9	398.5	132.6
30-34 years	140.0	196.2	85.1	119.9	166.7	73.1	275.3	413.2	159.4	307.7	464.4	175.8
35-39 years	185.0	246.4	126.5	157.7	208.0	108.7	374.9	539.6	240.8	407.8	585.6	261.4
40-44 years	283.6	370.9	200.8	246.4	318.7	176.6	538.1	762.7	354.3	584.8	829.1	383.9
45-49 years	452.7	591.6	320.4	408.1	534.6	286.0	762.8	1,011.3	547.8	847.9	1,120.7	609.1
50-54 years	720.0	950.2	505.1	662.5	877.4	459.7	1,173.7	1,550.2	848.1	1,287.7	1,694.1	934.7
55-59 years	1,087.6	1,452.0	754.5	1,019.6	1,365.1	701.9	1,683.3	2,238.9	1,202.6	1,817.4	2,412.1	1,304.4
60-64 years	1,704.2	2,306.1	1,174.4	1,629.5	2,221.5	1,105.4	2,411.7	3,133.7	1,809.8	2,557.6	3,338.7	1,916.3
65-69 years	2,405.7	3,339.4	1,657.5	2,353.6	3,294.3	1,596.9	2,834.3	3,716.7	2,148.3	2,919.7	3,872.2	2,203.5
70-74 years	3,649.0	5,045.2	2,630.5	3,558.4	4,984.9	2,527.2	4,590.0	5,636.2	3,752.3	4,880.2	6,065.2	3,974.0
75-79 years	5,892.0	7,879.1	4,607.5	5,752.3	7,802.2	4,451.8	7,533.7	8,668.5	6,589.3	8,752.6	10,240.0	7,634.6
80-84 years	8,699.8	11,269.6	7,307.3	8,803.8	11,473.0	7,376.4	7,557.3	9,289.0	6,485.7	8,438.2	10,636.1	7,049.2
85 years and over	14,096.3	16,528.6	13,009.9	14,728.1	17,361.2	13,565.2	8,650.4	10,138.6	7,863.7	9,064.1	10,745.7	8,158.6

¹Figures for age not stated included in "All ages" but not distributed among age groups.

Table 2. Death rates by age, race, and sex and age-adjusted death rates, by race and sex: United States, 1961-79

[Rates per 100,000 population in specified group. Age-adjusted rates computed by the direct method, using as the standard population the age distribution of the total population of the United States as enumerated in 1940]

Race, sex, and year	All ages ¹	Under 1 year	1-4 years	5-14 years	15-24 years	25-34 years	35-44 years	45-54 years	55-64 years	65-74 years	75-84 years	85 years and over	Age- adjusted rate
All races													
1979 ²	869.5	1,391.8	65.6	32.2	117.7	137.5	230.2	589.4	1,369.6	2,941.7	6,998.5	14,096.3	588.8
1978 ²	883.4	1,434.4	69.2	33.9	117.5	135.5	238.9	609.7	1,416.3	3,027.2	7,187.8	14,700.7	606.1
1977 ²	878.1	1,485.6	68.8	34.6	117.1	136.2	247.5	620.7	1,434.9	3,055.6	7,181.9	14,725.9	612.3
1976 ²	889.6	1,595.0	69.9	34.7	113.5	136.2	254.1	634.8	1,475.6	3,127.6	7,331.6	15,486.9	627.5
1975 ²	888.5	1,641.0	70.8	35.7	118.9	143.2	266.8	649.6	1,495.5	3,189.2	7,359.2	15,187.9	638.3
1974 ²	915.1	1,755.7	73.9	38.2	121.7	146.8	278.6	675.0	1,549.2	3,327.6	7,654.8	16,532.8	666.2
1973 ²	940.2	1,805.2	79.5	41.0	128.3	153.6	295.9	697.4	1,611.9	3,440.0	7,932.1	17,429.4	692.9
1972 ^{2,3}	943.2	1,829.2	80.9	40.8	127.7	153.9	302.1	710.4	1,631.1	3,526.9	7,965.4	17,351.8	701.8
1971 ²	934.7	1,904.8	82.6	41.1	126.6	156.5	307.5	710.2	1,622.8	3,486.2	7,866.6	17,426.4	699.9
1970 ²	945.3	2,142.4	84.5	41.3	127.7	157.4	314.5	730.0	1,658.8	3,582.7	8,004.4	16,344.9	714.3
1969.....	954.4	2,199.6	88.0	42.6	129.2	158.7	321.4	732.5	1,661.3	3,632.7	8,097.5	18,821.8	728.5
1968.....	967.9	2,265.7	89.6	43.0	123.7	157.2	319.8	751.3	1,704.4	3,724.0	8,293.5	19,582.7	743.8
1967.....	937.6	2,290.7	89.4	41.7	116.5	151.9	309.7	736.3	1,657.2	3,624.6	8,093.6	19,223.2	725.6
1966.....	952.6	2,405.5	96.4	42.8	115.6	153.0	309.9	749.5	1,685.3	3,702.0	8,354.4	19,981.2	742.2
1965.....	944.6	2,463.3	95.9	42.3	109.1	150.8	307.4	746.6	1,683.4	3,662.8	8,358.6	20,069.0	739.0
1964.....	940.7	2,528.1	98.5	43.2	108.2	151.6	306.1	745.3	1,689.1	3,664.4	8,317.0	19,924.2	739.4
1963.....	962.2	2,576.4	101.5	43.3	105.5	148.1	303.4	752.4	1,721.7	3,792.6	8,631.9	20,991.1	756.9
1962.....	945.6	2,582.7	99.2	43.8	103.3	144.9	298.4	743.8	1,691.8	3,736.0	8,500.4	20,489.1	745.5
1961.....	929.8	2,587.0	101.7	43.9	102.6	143.3	292.6	732.4	1,675.2	3,690.7	8,399.2	19,634.3	735.6
Male													
1979 ²	976.5	1,546.4	72.6	39.4	175.7	199.1	303.4	774.0	1,838.5	4,052.6	9,126.8	16,528.6	780.3
1978 ²	994.4	1,591.7	78.2	41.4	173.5	192.6	313.8	797.3	1,906.3	4,185.4	9,385.3	17,258.9	802.8
1977 ²	994.1	1,659.0	76.5	42.6	172.8	193.6	323.2	814.0	1,936.0	4,230.3	9,384.8	17,299.1	811.9
1976 ²	1,007.0	1,762.6	78.2	42.6	167.7	191.3	331.6	834.0	1,999.5	4,337.1	9,509.1	17,983.9	830.2
1975 ²	1,013.2	1,829.3	77.8	43.9	176.8	202.7	346.9	856.3	2,034.7	4,414.5	9,519.4	17,572.6	845.3
1974 ²	1,041.0	1,970.4	82.3	46.9	181.3	205.1	358.5	890.5	2,111.9	4,584.8	9,786.9	18,875.7	877.8
1973 ²	1,072.9	2,032.1	88.8	50.0	189.8	214.5	380.4	916.6	2,206.6	4,731.5	10,108.1	19,809.4	911.1
1972 ^{2,3}	1,080.3	2,063.6	90.0	48.9	188.1	211.8	386.6	940.0	2,245.6	4,816.6	10,124.0	19,595.8	921.1
1971 ²	1,072.6	2,142.4	90.8	49.5	186.2	214.0	392.5	931.5	2,226.2	4,760.5	9,919.1	19,746.5	915.7
1970 ²	1,090.3	2,410.0	93.2	50.5	188.5	215.3	402.6	958.5	2,282.7	4,873.8	10,010.2	17,821.5	931.6
1969.....	1,103.0	2,484.5	95.5	51.5	191.6	217.2	410.7	967.9	2,291.0	4,934.9	10,068.3	20,875.6	949.3
1968.....	1,119.4	2,562.6	98.2	52.3	182.8	214.0	406.0	988.7	2,344.1	5,049.1	10,215.2	21,732.0	965.2
1967.....	1,086.0	2,586.3	99.4	50.3	170.6	204.5	393.4	969.1	2,279.0	4,875.4	9,935.5	21,339.4	937.9
1966.....	1,100.8	2,713.7	105.2	51.4	167.9	202.0	391.9	986.7	2,317.6	4,949.8	10,160.0	22,008.6	953.8
1965.....	1,091.6	2,786.6	104.3	50.9	157.4	197.6	385.4	978.2	2,295.9	4,887.0	10,122.8	22,080.9	945.0
1964.....	1,085.4	2,850.3	107.6	51.9	154.8	197.7	384.4	972.5	2,289.0	4,848.5	9,961.3	21,640.6	938.7
1963.....	1,110.4	2,925.3	110.1	51.3	149.7	191.3	377.6	986.1	2,318.0	4,997.7	10,279.6	22,936.9	957.2
1962.....	1,089.5	2,934.0	106.1	52.1	146.8	185.3	371.4	974.1	2,267.1	4,866.8	10,010.3	22,253.5	936.5
1961.....	1,073.7	2,928.8	110.5	52.5	146.8	183.5	366.4	956.5	2,242.7	4,772.3	9,853.7	21,082.6	921.2
Female													
1979 ²	768.3	1,229.5	58.2	24.8	59.0	77.2	160.7	415.3	948.4	2,086.7	5,714.0	13,009.9	433.5
1978 ²	778.3	1,269.6	59.9	26.1	60.9	79.7	167.8	433.2	976.3	2,137.6	5,863.1	13,541.2	447.0
1977 ²	768.2	1,303.5	60.8	26.3	60.7	80.1	175.6	439.3	985.0	2,152.8	5,846.7	13,542.3	450.6
1976 ²	778.3	1,419.0	61.3	26.5	58.6	82.3	180.5	448.3	1,005.5	2,198.3	6,002.5	14,312.1	462.9
1975 ²	770.3	1,443.7	63.5	27.2	60.5	85.1	190.8	456.3	1,012.6	2,247.0	6,030.4	14,031.4	469.3
1974 ²	795.6	1,530.7	65.2	29.1	61.7	89.9	202.7	473.7	1,045.8	2,361.0	6,329.5	15,387.6	492.9
1973 ²	814.2	1,568.8	69.9	31.6	66.4	94.4	215.6	493.1	1,079.8	2,445.5	6,562.5	16,234.0	513.1
1972 ^{2,3}	812.8	1,585.1	71.4	32.4	67.2	97.6	221.7	496.6	1,081.1	2,529.9	6,584.4	16,202.5	520.0
1971 ²	803.8	1,656.1	74.0	32.4	67.4	100.8	226.8	504.1	1,082.4	2,498.3	6,531.5	16,215.7	521.1
1970 ²	807.8	1,863.7	75.4	31.8	68.1	101.6	231.1	517.2	1,098.9	2,579.7	6,677.6	15,518.0	532.5
1969.....	813.5	1,903.8	80.2	33.4	68.4	102.6	237.0	513.0	1,094.6	2,615.2	6,775.4	17,710.1	543.4
1968.....	824.1	1,956.1	80.7	33.4	66.4	102.8	238.2	528.9	1,126.2	2,680.7	6,978.2	18,425.0	557.1
1967.....	796.3	1,983.8	78.9	32.8	64.1	101.5	230.4	517.0	1,092.6	2,629.8	6,811.0	18,037.0	545.1
1966.....	810.8	2,085.1	87.2	33.8	64.1	105.9	232.1	525.3	1,108.6	2,701.2	7,078.3	18,854.2	560.9
1965.....	803.5	2,128.8	87.1	33.4	61.3	105.7	233.3	526.5	1,122.2	2,671.0	7,088.6	18,898.4	561.2
1964.....	801.4	2,193.0	89.1	34.2	62.1	107.1	231.7	528.3	1,137.0	2,694.1	7,112.2	18,907.0	565.2
1963.....	819.2	2,214.9	92.6	35.1	61.8	106.5	232.8	528.5	1,170.2	2,792.5	7,407.6	19,787.7	581.3
1962.....	806.6	2,219.2	92.1	35.3	60.5	105.9	228.9	522.1	1,157.2	2,783.6	7,361.7	19,403.8	576.4
1961.....	790.4	2,233.7	92.6	35.0	59.0	104.7	222.5	515.7	1,145.9	2,766.0	7,288.8	18,688.7	569.1

See footnotes at end of table.

Table 2. Death rates by age, race, and sex and age-adjusted death rates, by race and sex: United States, 1961-79—Con.

[Rates per 100,000 population in specified group. Age-adjusted rates computed by the direct method, using as the standard population the age distribution of the total population of the United States as enumerated in 1940]

Race, sex, and year	All ages ¹	Under 1 year	1-4 years	5-14 years	15-24 years	25-34 years	35-44 years	45-54 years	55-64 years	65-74 years	75-84 years	85 years and over	Age-adjusted rate
White													
1979 ²	882.3	1,183.3	59.1	30.9	114.5	119.3	198.4	539.1	1,299.8	2,879.8	6,950.9	14,728.1	563.4
1978 ²	895.7	1,218.3	62.7	32.2	113.9	118.0	206.0	559.6	1,343.6	2,962.2	7,155.2	15,316.0	580.2
1977 ²	888.2	1,266.2	62.5	33.1	112.8	117.6	213.2	567.9	1,361.0	2,985.3	7,164.0	15,292.2	585.4
1976 ²	899.4	1,356.2	64.1	33.2	107.6	116.0	218.5	580.9	1,403.3	3,053.3	7,340.0	16,068.5	599.9
1975 ²	896.8	1,413.0	64.4	33.9	111.5	121.1	229.2	597.1	1,422.8	3,107.2	7,384.0	15,707.5	609.8
1974 ²	921.9	1,524.5	67.1	36.5	113.0	122.9	237.6	617.4	1,471.6	3,231.0	7,703.9	17,055.6	635.4
1973 ²	944.2	1,565.1	71.4	38.8	118.5	128.2	252.0	633.6	1,529.5	3,335.2	7,976.7	17,926.6	659.3
1972 ^{2,3}	946.4	1,577.5	73.4	39.1	116.2	126.5	255.1	646.2	1,550.1	3,429.1	8,017.4	17,864.5	667.6
1971 ²	936.6	1,655.3	74.3	38.7	113.7	128.4	261.1	649.0	1,543.7	3,391.6	7,913.5	17,912.2	665.8
1970 ²	946.3	1,869.7	75.1	39.1	115.8	129.9	267.0	666.2	1,577.1	3,490.1	8,043.3	16,889.7	679.6
1969.....	953.1	1,900.9	77.6	40.0	117.7	130.8	272.4	667.1	1,572.8	3,535.3	8,135.7	19,345.5	691.9
1968.....	964.9	1,968.4	78.3	40.3	113.9	128.5	270.4	684.9	1,608.5	3,620.4	8,331.1	20,083.5	706.2
1967.....	937.5	1,975.0	78.3	39.4	108.1	125.2	265.4	674.6	1,572.7	3,542.2	8,154.9	19,743.6	692.0
1966.....	949.7	2,065.2	83.6	40.3	107.9	127.6	265.0	686.1	1,594.2	3,611.2	8,404.3	20,468.3	707.0
1965.....	941.6	2,110.5	83.2	39.7	102.1	126.4	264.0	685.0	1,588.3	3,583.9	8,423.7	20,583.1	704.9
1964.....	936.5	2,174.9	85.6	40.6	101.5	127.6	263.6	681.8	1,588.3	3,593.1	8,389.5	20,395.3	705.2
1963 ⁴	954.4	2,238.2	87.6	40.7	98.8	125.3	262.6	687.9	1,612.3	3,687.2	8,671.0	21,387.0	720.1
1962 ⁴	939.1	2,259.7	87.1	41.4	96.4	123.6	259.7	682.7	1,585.9	3,637.8	8,561.7	20,851.8	710.9
1961.....	925.5	2,277.4	90.0	41.8	95.3	121.1	254.3	673.9	1,577.7	3,615.6	8,492.9	20,025.5	703.8
White, male													
1979 ²	982.2	1,330.1	66.1	37.6	171.3	171.9	258.6	710.1	1,754.2	4,007.6	9,148.9	17,361.2	751.1
1978 ²	999.8	1,359.6	71.7	39.2	168.5	166.7	268.1	733.8	1,819.2	4,135.6	9,420.5	18,100.3	773.1
1977 ²	998.2	1,429.7	69.7	40.6	167.3	165.9	276.6	747.8	1,848.9	4,181.3	9,440.7	18,041.7	781.5
1976 ²	1,010.4	1,511.8	71.9	40.7	159.4	161.7	283.7	765.9	1,915.5	4,281.1	9,595.0	18,767.6	798.8
1975 ²	1,015.3	1,594.4	71.3	41.5	165.9	169.1	295.8	790.2	1,954.5	4,355.8	9,608.1	18,257.9	812.7
1974 ²	1,041.6	1,727.0	75.3	44.8	168.8	170.6	305.1	820.3	2,026.1	4,509.6	9,903.1	19,543.7	843.0
1973 ²	1,071.2	1,776.5	79.8	47.0	176.2	177.6	324.4	839.7	2,118.2	4,653.9	10,214.3	20,436.1	874.1
1972 ^{2,3}	1,077.3	1,800.4	82.5	47.0	170.7	172.5	325.4	861.4	2,160.8	4,746.7	10,227.3	20,266.2	883.2
1971 ²	1,069.6	1,876.5	81.9	46.4	167.1	174.4	334.9	860.6	2,145.1	4,696.5	10,027.1	20,420.4	878.4
1970 ²	1,086.7	2,113.2	83.6	48.0	170.8	176.6	343.5	882.9	2,202.6	4,810.1	10,098.8	18,551.7	893.4
1969.....	1,097.1	2,167.0	84.0	48.2	174.8	178.9	349.3	891.3	2,204.7	4,861.7	10,147.2	21,593.7	909.1
1968.....	1,112.7	2,251.4	85.9	48.8	168.5	175.4	346.3	912.1	2,249.5	4,970.7	10,300.3	22,371.2	924.7
1967.....	1,083.9	2,257.2	87.3	47.6	159.0	169.9	340.5	900.9	2,204.4	4,817.1	10,040.7	22,013.2	903.3
1966.....	1,096.0	2,358.2	91.9	48.5	157.8	169.8	339.9	917.6	2,235.0	4,879.7	10,255.8	22,566.0	917.7
1965.....	1,087.6	2,409.0	91.5	48.1	148.3	167.7	336.5	912.4	2,213.5	4,826.7	10,238.2	22,733.6	911.1
1964.....	1,080.7	2,469.9	94.1	48.8	146.6	169.1	336.3	908.2	2,202.4	4,796.0	10,084.2	22,191.5	905.2
1963 ⁴	1,103.3	2,556.2	95.9	48.8	141.6	165.7	334.6	923.3	2,227.2	4,903.7	10,364.8	23,409.5	922.2
1962 ⁴	1,084.6	2,587.4	93.6	49.6	139.0	161.3	331.6	914.4	2,181.3	4,786.0	10,120.2	22,723.1	904.5
1961.....	1,070.8	2,597.5	98.8	50.1	138.5	158.5	325.9	901.4	2,166.2	4,712.5	10,004.0	21,580.1	892.2
White, female													
1979 ²	787.2	1,028.6	51.8	23.8	56.4	66.7	139.9	376.0	889.1	2,013.8	5,645.9	13,565.2	412.2
1978 ²	796.5	1,069.7	53.3	25.0	58.1	69.3	145.8	393.9	914.0	2,063.8	5,810.2	14,079.0	425.5
1977 ²	783.3	1,094.8	55.0	25.3	57.2	69.3	151.9	397.4	920.4	2,070.4	5,805.1	14,039.7	427.8
1976 ²	793.6	1,192.1	55.9	25.4	54.7	70.3	155.4	405.9	942.0	2,114.1	5,984.6	14,823.3	439.6
1975 ²	783.8	1,222.3	57.1	25.8	56.0	73.3	164.6	414.8	944.6	2,152.8	6,034.7	14,494.1	445.3
1974 ²	807.6	1,312.6	58.5	27.9	56.2	75.5	172.1	426.4	973.6	2,252.5	6,354.6	15,845.4	466.4
1973 ²	823.0	1,342.8	62.5	30.2	60.0	79.3	181.8	439.9	1,000.7	2,324.7	6,582.2	16,685.8	483.7
1972 ^{2,3}	821.3	1,343.1	63.8	30.9	61.2	81.0	187.1	444.3	1,001.6	2,416.8	6,619.6	16,657.3	490.8
1971 ²	809.7	1,422.9	66.2	30.7	60.2	83.0	189.8	450.6	1,003.3	2,386.6	6,558.8	16,629.2	490.9
1970 ²	812.6	1,614.6	66.1	29.9	61.6	84.1	193.3	462.9	1,014.9	2,470.7	6,698.7	15,980.2	501.7
1969.....	816.0	1,623.1	71.0	31.4	61.7	84.0	198.5	456.5	1,002.9	2,503.4	6,797.6	18,178.5	510.8
1968.....	824.0	1,671.5	70.4	31.3	60.5	82.8	197.6	470.5	1,028.5	2,562.8	6,996.4	18,875.5	522.9
1967.....	797.5	1,682.0	68.9	30.8	58.4	81.7	193.3	460.3	999.9	2,533.3	6,854.6	18,496.0	513.3
1966.....	809.0	1,760.5	74.9	31.7	58.5	86.4	193.2	466.1	1,010.2	2,599.7	7,103.2	19,293.5	527.1
1965.....	800.8	1,801.3	74.6	31.0	55.9	85.9	194.4	467.9	1,016.5	2,580.0	7,133.6	19,353.7	527.6
1964.....	797.0	1,866.5	76.7	32.0	56.6	86.9	193.7	464.8	1,024.0	2,610.9	7,160.7	19,313.0	531.2
1963 ⁴	810.2	1,906.9	79.0	32.3	56.2	85.6	193.5	461.4	1,045.1	2,679.3	7,426.5	20,184.2	543.3
1962 ⁴	797.8	1,918.6	80.4	33.0	54.2	86.7	190.7	459.0	1,034.2	2,672.9	7,396.2	19,749.3	539.9
1961.....	784.2	1,944.3	80.9	33.2	52.4	84.6	185.6	453.4	1,029.9	2,681.5	7,348.8	19,096.9	535.8

See footnotes at end of table.

Table 2. Death rates by age, race, and sex and age-adjusted death rates, by race and sex: United States, 1961-79—Con.

[Rates per 100,000 population in specified group. Age-adjusted rates computed by the direct method, using as the standard population the age distribution of the total population of the United States as enumerated in 1940]

Race, sex, and year	All ages ¹	Under 1 year	1-4 years	5-14 years	15-24 years	25-34 years	35-44 years	45-54 years	55-64 years	65-74 years	75-84 years	85 years and over	Age-adjusted rate
All other													
1979 ²	788.8	2,387.7	94.6	38.8	135.6	254.9	450.3	961.6	2,003.9	3,501.9	7,543.4	8,650.4	776.3
1978 ²	805.1	2,456.7	99.0	41.9	137.6	250.3	466.3	990.7	2,085.5	3,620.8	7,558.2	9,228.7	797.6
1977 ²	813.0	2,546.4	97.6	42.0	141.4	261.6	482.2	1,032.3	2,126.0	3,708.8	7,384.2	9,595.6	814.0
1976 ²	824.8	2,781.5	96.9	42.2	147.5	273.9	499.6	1,065.5	2,153.2	3,828.7	7,238.5	10,018.5	833.7
1975 ²	833.6	2,765.3	101.0	45.4	162.8	295.8	529.8	1,077.8	2,176.4	3,970.7	7,276.1	10,102.9	852.4
1974 ²	869.1	2,922.9	107.8	47.3	174.1	314.4	568.4	1,153.3	2,285.1	4,266.9	7,080.8	11,245.5	901.3
1973 ²	912.6	3,020.1	121.1	53.0	187.4	334.2	609.9	1,235.4	2,399.7	4,470.8	7,419.6	12,137.9	953.1
1972 ^{2,3}	920.9	3,125.6	120.0	49.9	199.1	349.2	642.5	1,260.4	2,406.0	4,490.1	7,338.6	11,854.1	965.4
1971 ²	921.5	3,250.7	126.4	54.3	209.0	355.0	649.4	1,242.6	2,380.8	4,414.7	7,271.7	11,990.5	963.6
1970 ²	938.4	3,597.1	134.1	53.7	203.6	348.7	664.3	1,290.9	2,431.1	4,488.4	7,511.1	10,750.3	983.4
1969.....	963.3	3,884.2	142.7	57.7	205.1	358.1	693.8	1,320.2	2,515.0	4,602.7	7,619.6	12,889.0	1,018.5
1968.....	989.6	3,870.9	150.2	59.1	190.2	363.0	700.0	1,352.2	2,634.5	4,761.9	7,805.9	13,990.2	1,045.3
1967.....	938.2	4,002.8	149.4	55.6	174.7	341.4	656.6	1,296.0	2,481.1	4,453.7	7,297.1	13,246.3	989.6
1966.....	974.6	4,199.1	167.4	57.8	169.3	333.8	667.1	1,326.9	2,583.0	4,624.1	7,703.5	14,294.4	1,023.4
1965.....	966.9	4,380.2	167.5	57.8	159.3	325.2	658.4	1,309.0	2,627.8	4,481.5	7,506.7	14,130.1	1,012.5
1964.....	972.2	4,486.7	172.5	59.0	156.0	323.9	655.3	1,325.8	2,695.2	4,419.7	7,364.5	14,114.1	1,015.3
1963 ⁴	1,007.6	4,455.6	184.2	60.3	158.2	317.5	645.0	1,328.9	2,779.1	4,775.5	7,790.8	15,783.3	1,050.0
1962 ⁴	982.1	4,415.1	171.9	59.8	157.2	306.9	630.7	1,295.3	2,698.5	4,629.2	7,471.6	15,220.0	1,020.1
1961.....	962.9	4,341.1	170.3	57.0	155.0	307.7	618.4	1,270.0	2,655.6	4,542.6	7,154.1	14,638.6	998.6
All other, male													
1979 ²	939.9	2,587.5	102.4	47.7	200.6	390.1	642.7	1,272.1	2,628.2	4,454.1	8,903.8	10,138.6	1,002.3
1978.....	959.7	2,708.5	108.1	52.3	201.9	377.2	659.3	1,305.2	2,730.1	4,632.6	8,992.4	10,678.2	1,029.6
1977 ²	967.1	2,780.4	108.1	52.8	205.1	396.8	671.7	1,354.5	2,772.7	4,682.2	8,783.8	11,286.1	1,045.9
1976 ²	983.5	3,012.4	107.5	52.2	217.3	410.5	692.4	1,402.5	2,812.3	4,852.8	8,652.1	11,519.1	1,072.1
1975 ²	999.1	3,001.1	108.8	56.7	242.6	454.6	736.1	1,418.9	2,806.6	4,970.8	8,604.9	11,693.8	1,097.5
1974 ²	1,036.3	3,212.7	117.5	58.7	259.0	467.8	768.7	1,499.7	2,942.3	5,285.0	8,555.6	12,782.5	1,149.1
1973 ²	1,084.6	3,335.4	135.6	66.8	275.2	498.6	815.7	1,591.5	3,069.5	5,456.7	8,965.7	13,605.7	1,206.7
1972 ^{2,3}	1,101.3	3,440.0	129.6	59.4	299.3	514.2	868.4	1,639.2	3,073.2	5,490.1	8,939.7	13,325.5	1,227.2
1971 ²	1,094.1	3,610.0	138.9	66.7	312.0	516.1	852.8	1,572.8	3,013.1	5,377.6	8,746.0	13,351.0	1,210.7
1970 ²	1,115.9	4,020.0	144.7	65.0	304.6	504.1	873.5	1,646.1	3,046.6	5,474.4	8,981.0	11,405.2	1,231.4
1969.....	1,145.5	4,310.9	157.5	70.8	305.7	511.9	914.5	1,680.7	3,128.8	5,630.8	9,123.4	14,102.3	1,273.1
1968.....	1,169.1	4,260.8	165.4	72.6	281.7	512.6	899.5	1,704.9	3,265.0	5,809.6	9,194.6	15,512.2	1,294.4
1967.....	1,101.1	4,415.2	166.4	66.4	252.3	467.6	833.6	1,606.9	3,013.5	5,448.2	8,624.5	14,653.8	1,212.4
1966.....	1,136.5	4,618.6	180.4	69.2	240.6	447.4	830.8	1,631.2	3,127.0	5,658.8	8,947.5	16,233.3	1,243.3
1965.....	1,121.3	4,871.1	178.3	67.8	223.3	425.4	802.3	1,595.0	3,110.0	5,488.1	8,733.5	15,761.8	1,217.2
1964.....	1,120.5	5,012.3	186.2	70.8	215.0	417.4	798.6	1,575.2	3,142.0	5,369.4	8,473.8	15,528.1	1,206.5
1963 ⁴	1,156.5	5,019.2	197.1	68.4	217.7	395.6	756.7	1,567.5	3,191.0	5,828.6	8,967.3	18,386.2	1,239.7
1962 ⁴	1,120.5	4,942.7	184.5	69.5	211.5	382.6	735.1	1,529.5	3,061.4	5,556.7	8,448.4	17,213.8	1,191.4
1962.....	1,096.1	4,865.3	180.5	67.9	208.4	381.6	722.7	1,470.1	3,000.1	5,433.2	8,015.1	16,113.3	1,158.7
All other, female													
1979 ²	651.7	2,181.4	86.7	29.7	72.9	140.1	293.2	693.1	1,472.4	2,753.3	6,545.0	7,863.7	589.2
1978 ²	664.5	2,206.5	89.7	31.5	75.9	142.7	308.4	718.7	1,534.6	2,821.7	6,513.6	8,449.0	605.5
1977 ²	672.5	2,304.5	87.1	31.0	80.1	146.9	326.4	752.5	1,572.9	2,933.0	6,370.3	8,673.5	621.3
1976 ²	680.0	2,542.2	86.1	32.0	80.6	157.8	340.8	772.3	1,590.1	3,009.4	6,217.6	9,175.2	635.1
1975 ²	682.5	2,523.0	93.0	34.0	86.6	160.8	359.9	780.8	1,636.2	3,172.0	5,978.5	9,177.3	648.3
1974 ²	716.3	2,614.2	98.2	35.8	93.4	184.0	402.8	852.2	1,716.3	3,442.8	6,015.4	10,342.3	693.1
1973 ²	755.4	2,697.2	106.5	39.2	103.9	194.1	439.6	926.0	1,821.7	3,662.0	6,291.8	11,115.9	738.9
1972 ^{2,3}	755.5	2,815.9	110.2	40.3	103.9	208.3	455.1	929.4	1,830.2	3,678.9	6,178.0	10,939.0	745.0
1971 ²	763.3	2,896.7	113.9	41.8	111.9	217.8	480.1	953.8	1,829.4	3,630.0	6,195.6	11,271.1	754.9
1970 ²	775.3	3,169.4	123.3	42.3	108.8	215.7	490.5	979.4	1,886.9	3,675.6	6,392.6	10,288.9	770.8
1969.....	796.4	3,454.3	127.9	44.5	111.6	227.7	510.2	1,004.3	1,970.9	3,756.5	6,444.1	12,067.7	800.5
1968.....	824.8	3,461.8	134.9	45.5	105.1	236.7	532.3	1,041.3	2,068.5	3,892.9	6,757.7	12,967.2	831.3
1967.....	787.4	3,588.8	132.3	44.7	102.3	233.6	504.9	1,017.6	2,000.2	3,632.7	6,239.8	12,050.9	795.7
1966.....	824.0	3,773.7	154.3	46.4	102.3	236.3	526.3	1,050.9	2,084.5	3,766.4	6,730.8	12,977.4	831.9
1965.....	822.6	3,872.7	156.7	47.7	98.7	238.7	533.5	1,048.8	2,179.6	3,631.4	6,493.0	12,998.0	831.4
1964.....	833.4	3,972.7	158.6	47.3	100.3	243.2	530.0	1,098.1	2,275.0	3,592.5	6,433.7	13,422.2	845.2
1963 ⁴	867.8	3,907.1	171.2	52.1	102.2	250.1	547.2	1,106.8	2,389.3	3,865.8	6,779.9	14,361.9	881.7
1962 ⁴	851.9	3,889.4	159.3	50.1	106.4	241.5	538.4	1,076.7	2,352.1	3,831.4	6,616.8	14,155.0	866.9
1962.....	837.4	3,835.7	160.0	46.2	104.8	244.4	525.0	1,080.0	2,332.1	3,738.5	6,433.3	13,532.5	853.2

See footnotes at end of table.

Table 2. Death rates by age, race, and sex and age-adjusted death rates, by race and sex: United States, 1961-79—Con.

[Rates per 100,000 population in specified group. Age-adjusted rates computed by the direct method, using as the standard population the age distribution of the total population of the United States as enumerated in 1940]

Race, sex, and year	All ages ¹	Under 1 year	1-4 years	5-14 years	15-24 years	25-34 years	35-44 years	45-54 years	55-64 years	65-74 years	75-84 years	85 years and over	Age-adjusted rate
Black													
1979 ²	853.8	2,600.4	99.2	40.4	137.4	279.3	489.9	1,062.3	2,146.5	3,648.5	8,621.8	9,064.1	840.1
1978 ²	868.4	2,689.2	104.0	43.5	139.8	274.3	505.3	1,086.6	2,224.8	3,765.4	8,488.7	9,654.4	858.2
1977 ²	876.4	2,778.2	102.4	43.3	143.1	286.6	524.3	1,129.6	2,259.0	3,865.0	8,156.4	10,039.1	872.6
1976 ²	886.2	3,014.2	102.5	43.2	150.6	299.3	539.3	1,162.2	2,281.5	3,997.2	7,873.3	10,511.5	890.2
1975 ²	891.9	3,006.5	105.9	45.9	167.5	323.3	572.7	1,168.8	2,297.3	4,144.9	7,619.7	10,567.1	907.4
1974 ²	924.1	3,066.4	111.3	48.5	180.0	343.3	613.1	1,241.9	2,399.9	4,466.9	7,548.2	11,716.2	954.6
1973 ²	966.8	3,188.3	125.6	54.9	191.9	360.6	657.7	1,324.7	2,516.5	4,676.8	7,805.6	12,476.8	1,005.5
1972 ^{2,3}	973.3	3,306.3	122.6	50.8	204.9	375.3	695.9	1,348.8	2,519.6	4,692.0	7,689.7	12,262.7	1,017.7
1971 ²	970.9	3,440.0	130.0	55.5	216.4	382.2	699.0	1,322.2	2,490.9	4,601.7	7,578.1	12,433.3	1,013.4
1970 ²	999.3	3,835.6	140.0	55.5	212.4	381.2	724.9	1,383.8	2,570.6	4,719.4	7,860.7	11,300.5	1,044.0
1969.....	1,011.3	4,131.7	146.1	58.7	211.4	378.8	743.7	1,395.4	2,635.7	4,789.3	7,892.6	13,336.1	1,067.7
1968.....	1,035.7	4,063.2	151.7	60.4	195.2	384.2	749.1	1,423.8	2,757.1	4,948.3	8,037.0	14,289.1	1,091.9
1967.....	979.4	4,191.8	150.3	56.8	177.3	360.6	701.8	1,361.9	2,603.5	4,594.9	7,465.1	13,509.3	1,030.7
1966.....	1,015.3	4,371.7	168.8	58.7	172.5	349.1	709.7	1,390.7	2,710.5	4,763.1	7,888.7	14,540.7	1,063.6
1965.....	1,005.9	4,520.5	170.8	58.8	162.4	340.6	696.0	1,367.2	2,759.2	4,607.0	7,658.5	14,257.9	1,049.8
1964.....	1,014.4	4,668.1	174.7	60.2	159.4	339.4	693.5	1,384.6	2,845.4	4,539.1	7,539.2	14,378.9	1,055.4
1962-63.....	---	---	---	---	---	---	---	---	---	---	---	---	---
1961.....	994.5	4,478.6	171.3	57.7	154.3	319.1	646.0	1,316.7	2,784.1	4,633.8	7,166.9	14,643.1	1,027.0
Black, male													
1979 ²	1,012.1	2,829.8	106.7	49.5	203.7	428.0	698.5	1,400.0	2,817.9	4,692.2	10,392.5	10,745.7	1,090.4
1978 ²	1,028.7	2,957.9	112.9	54.2	204.6	413.5	712.2	1,428.2	2,920.3	4,873.3	10,261.7	11,376.9	1,113.1
1977 ²	1,037.0	3,038.7	113.6	54.7	207.9	436.2	730.8	1,478.6	2,955.1	4,924.1	9,873.3	12,030.0	1,127.6
1976 ²	1,051.8	3,282.8	112.9	53.6	222.2	450.3	752.4	1,526.6	2,995.6	5,112.5	9,477.7	12,375.0	1,151.1
1975 ²	1,064.0	3,253.5	114.6	57.3	250.6	501.4	795.4	1,537.9	2,977.4	5,232.2	9,338.7	12,450.9	1,174.3
1974 ²	1,096.9	3,380.4	121.8	60.3	267.7	513.6	831.4	1,614.1	3,111.1	5,582.4	9,245.4	13,489.6	1,225.3
1973 ²	1,143.6	3,527.6	140.9	70.1	282.7	540.3	881.7	1,707.2	3,246.0	5,756.7	9,494.1	14,248.9	1,281.2
1972 ^{2,3}	1,159.8	3,629.2	133.7	60.1	309.9	555.5	942.4	1,760.7	3,251.9	5,784.8	9,408.7	14,060.5	1,302.5
1971 ²	1,149.2	3,798.8	143.4	68.1	323.9	563.7	922.6	1,678.8	3,180.7	5,638.3	9,103.9	13,745.2	1,279.6
1970 ²	1,186.6	4,298.9	150.5	67.1	320.6	559.5	956.6	1,777.5	3,256.9	5,803.2	9,454.9	12,222.3	1,318.6
1969.....	1,197.4	4,594.8	160.5	72.1	315.6	544.6	980.6	1,785.0	3,313.6	5,888.6	9,452.1	14,959.5	1,341.8
1968.....	1,219.4	4,470.6	167.2	74.4	289.8	548.2	965.5	1,805.7	3,450.3	6,063.8	9,520.8	16,225.7	1,361.1
1967.....	1,145.4	4,623.9	167.4	68.2	257.3	497.0	895.9	1,704.7	3,189.9	5,641.4	8,876.1	15,023.5	1,270.8
1966.....	1,181.1	4,817.4	182.6	70.6	246.1	470.5	885.9	1,724.5	3,320.6	5,843.1	9,185.0	16,378.1	1,299.1
1965.....	1,163.0	5,039.9	182.3	69.0	228.3	446.5	852.9	1,679.4	3,305.7	5,655.8	8,981.5	15,966.7	1,270.3
1964.....	1,167.4	5,183.0	189.5	72.7	220.3	437.1	849.8	1,661.7	3,361.8	5,561.4	8,751.9	16,139.3	1,264.5
1962-63.....	---	---	---	---	---	---	---	---	---	---	---	---	---
1961.....	1,128.4	5,014.8	181.7	68.7	207.2	395.7	759.7	1,540.0	3,162.4	5,577.6	8,031.0	16,270.4	1,197.4
Black, female													
1979 ²	710.3	2,375.2	91.5	31.1	73.9	152.3	318.1	767.8	1,579.9	2,858.6	7,377.3	8,158.6	636.1
1978 ²	723.1	2,413.7	94.8	32.6	77.8	155.6	334.8	789.2	1,637.1	2,925.2	7,245.8	8,793.1	650.5
1977 ²	730.6	2,509.6	91.0	31.8	81.2	159.2	354.0	825.2	1,667.1	3,053.5	6,981.0	9,035.3	664.4
1976 ²	735.7	2,738.1	92.1	32.7	82.1	170.8	363.8	845.0	1,679.1	3,135.4	6,756.5	9,554.1	676.4
1975 ²	735.5	2,740.3	96.9	34.5	88.5	171.8	388.5	849.1	1,723.6	3,306.3	6,425.8	9,558.6	688.4
1974 ²	767.0	2,745.2	100.7	36.7	96.8	198.5	432.8	919.7	1,797.6	3,595.2	6,396.2	10,748.9	732.1
1973 ²	806.0	2,842.9	110.1	39.7	105.7	207.7	472.1	994.7	1,902.7	3,834.0	6,643.1	11,480.0	778.5
1972 ^{2,3}	803.5	2,978.0	111.5	41.5	105.4	222.7	490.8	992.4	1,903.6	3,834.0	6,460.9	11,383.8	782.3
1971 ²	808.7	3,075.3	116.6	42.8	115.5	229.5	513.3	1,013.9	1,908.0	3,780.1	6,410.9	11,634.8	790.5
1970 ²	829.2	3,368.8	129.4	43.8	111.9	231.0	533.0	1,043.9	1,986.2	3,860.9	6,691.5	10,706.6	814.4
1969.....	842.2	3,666.7	131.7	45.2	115.0	240.1	547.0	1,058.1	2,058.0	3,914.9	6,710.6	12,335.0	838.2
1968.....	868.4	3,650.6	136.1	46.4	107.7	247.3	567.8	1,091.5	2,157.6	4,041.9	6,934.2	13,333.9	865.9
1967.....	827.3	3,775.2	133.1	45.4	103.3	245.2	536.7	1,063.7	2,091.0	3,755.1	6,395.3	12,283.0	827.2
1966.....	862.8	3,920.8	155.2	46.8	104.0	245.5	558.9	1,095.4	2,171.3	3,872.5	6,885.0	13,340.8	861.7
1965.....	860.6	4,001.1	159.3	48.6	100.8	249.9	560.8	1,089.8	2,272.9	3,741.5	6,620.0	13,143.5	859.9
1964.....	872.5	4,132.4	159.7	47.7	102.4	255.8	558.7	1,138.3	2,380.4	3,688.8	6,571.5	13,232.6	873.9
1962-63.....	---	---	---	---	---	---	---	---	---	---	---	---	---
1961.....	869.8	3,948.1	160.8	46.8	105.2	253.6	546.3	1,111.0	2,439.4	3,823.8	6,438.4	13,486.8	875.9

¹Figures for age not stated included in "All ages" but not distributed among age groups.

²Excludes deaths of nonresidents of the United States.

³Based on a 50-percent sample of deaths.

⁴Figures by race exclude residents of New Jersey.

Table 3. Abridged life tables by race and sex: United States, 1979

[For explanation of the columns of the life tables, see section 5 of *Vital Statistics of the United States, 1977, Volume II*]

Age interval	Proportion dying	Of 100,000 born alive		Stationary population		Average remaining lifetime
		Proportion of persons alive at beginning of age interval dying during interval	Number living at beginning of age interval	Number dying during age interval	In the age interval	In this and all subsequent age intervals	Average number of years of life remaining at beginning of age interval
(1)	(2)	(3)	(4)	(5)	(6)	(7)
x to x + n	nq_x	l_x	nd_x	nL_x	T_x	e_x
All races						
0-1	0.0132	100,000	1,315	98,855	7,373,875	73.7
1-5	.0026	98,685	256	394,145	7,275,020	73.7
5-10	.0016	98,429	158	491,720	6,880,875	69.9
10-15	.0016	98,271	160	491,017	6,389,155	65.0
15-20	.0051	98,111	498	489,426	5,898,138	60.1
20-25	.0067	97,613	656	486,446	5,408,712	55.4
25-30	.0067	96,957	654	483,150	4,922,266	50.8
30-35	.0070	96,303	674	479,903	4,439,116	46.1
35-40	.0092	95,629	880	476,086	3,959,213	41.4
40-45	.0141	94,749	1,333	470,632	3,483,127	36.8
45-50	.0224	93,416	2,093	462,174	3,012,495	32.2
50-55	.0355	91,323	3,240	449,018	2,550,321	27.9
55-60	.0531	88,083	4,678	429,351	2,101,303	23.9
60-65	.0821	83,405	6,845	400,702	1,671,952	20.0
65-70	.1140	76,560	8,726	361,835	1,271,250	16.6
70-75	.1680	67,834	11,396	311,583	909,415	13.4
75-80	.2578	56,438	14,553	246,316	597,832	10.6
80-85	.3574	41,885	14,968	171,399	351,516	8.4
85 and over	1.0000	26,917	26,917	180,117	180,117	6.7
Male						
0-1	0.0146	100,000	1,460	98,730	6,989,289	69.9
1-5	.0029	98,540	283	393,509	6,890,559	69.9
5-10	.0019	98,257	186	490,790	6,497,050	66.1
10-15	.0020	98,071	201	489,949	6,006,260	61.2
15-20	.0074	97,870	722	487,733	5,516,311	56.4
20-25	.0102	97,148	994	483,285	5,028,578	51.8
25-30	.0100	96,154	964	478,321	4,545,293	47.3
30-35	.0098	95,190	932	473,700	4,066,972	42.7
35-40	.0122	94,258	1,153	468,584	3,593,272	38.1
40-45	.0184	93,105	1,709	461,536	3,124,688	33.6
45-50	.0292	91,396	2,669	450,739	2,663,152	29.1
50-55	.0466	88,727	4,131	433,976	2,212,413	24.9
55-60	.0703	84,596	5,947	408,914	1,778,437	21.0
60-65	.1095	78,649	8,613	372,597	1,369,523	17.4
65-70	.1547	70,036	10,838	323,835	996,926	14.2
70-75	.2246	59,198	13,298	263,183	673,091	11.4
75-80	.3289	45,900	15,097	191,365	409,908	8.9
80-85	.4364	30,803	13,441	118,981	218,543	7.1
85 and over	1.0000	17,362	17,362	99,562	99,562	5.7
Female						
0-1	0.0116	100,000	1,163	98,985	7,763,813	77.6
1-5	.0023	98,837	228	394,812	7,664,828	77.6
5-10	.0013	98,609	129	492,696	7,270,016	73.7
10-15	.0012	98,480	117	492,137	6,777,320	68.8
15-20	.0027	98,363	265	491,198	6,285,183	63.9
20-25	.0032	98,098	316	489,713	5,793,985	59.1
25-30	.0035	97,782	343	488,081	5,304,272	54.2
30-35	.0043	97,439	415	486,222	4,816,191	49.4
35-40	.0063	97,024	611	483,697	4,329,969	44.6
40-45	.0100	96,413	962	479,815	3,846,272	39.9
45-50	.0159	95,451	1,519	473,681	3,366,457	35.3
50-55	.0250	93,932	2,349	464,121	2,892,776	30.8

Table 3. Abridged life tables by race and sex: United States, 1979—Con.

[For explanation of the columns of the life tables, see section 5 of *Vital Statistics of the United States, 1977, Volume II*]

Age interval Period of life between two exact ages stated in years (1) x to x + n	Proportion dying	Of 100,000 born alive		Stationary population		Average remaining lifetime
	Proportion of persons alive at beginning of age interval dying during interval (2) nqx	Number living at beginning of age interval (3) lx	Number dying during age interval (4) ndx	In the age interval (5) nLx	In this and all subsequent age intervals (6) Tx	Average number of years of life remaining at beginning of age interval (7) ex
Female—Con.						
55-60.....	.0371	91,583	3,401	449,859	2,428,655	26.5
60-65.....	.0573	88,182	5,051	428,972	1,978,796	22.4
65-70.....	.0800	83,131	6,648	399,975	1,549,824	18.6
70-75.....	.1242	76,483	9,499	359,941	1,149,849	15.0
75-80.....	.2082	66,984	13,945	301,370	789,908	11.8
80-85.....	.3105	53,039	16,467	224,239	488,538	9.2
85 and over.....	1.0000	36,572	36,572	264,299	264,299	7.2
White						
0-1.....	0.0115	100,000	1,149	98,994	7,437,240	74.4
1-5.....	.0023	98,851	231	394,873	7,338,246	74.2
5-10.....	.0015	98,620	148	492,704	6,943,373	70.4
10-15.....	.0016	98,472	156	492,030	6,450,669	65.5
15-20.....	.0051	98,316	504	490,428	5,958,639	60.6
20-25.....	.0063	97,812	620	487,515	5,468,211	55.9
25-30.....	.0059	97,192	576	484,510	4,980,696	51.2
30-35.....	.0060	96,616	578	481,697	4,496,186	46.5
35-40.....	.0078	96,038	753	478,441	4,014,489	41.8
40-45.....	.0122	95,285	1,165	473,728	3,536,048	37.1
45-50.....	.0202	94,120	1,903	466,167	3,062,320	32.5
50-55.....	.0327	92,217	3,015	454,053	2,596,153	28.2
55-60.....	.0499	89,202	4,448	435,529	2,142,100	24.0
60-65.....	.0786	84,754	6,664	407,915	1,706,571	20.1
65-70.....	.1117	78,090	8,720	369,564	1,298,656	16.6
70-75.....	.1642	69,370	11,387	319,382	929,092	13.4
75-80.....	.2526	57,983	14,644	253,926	609,710	10.5
80-85.....	.3609	43,339	15,641	177,004	355,784	8.2
85 and over.....	1.0000	27,698	27,698	178,780	178,780	6.5
White, male						
0-1.....	0.0129	100,000	1,290	98,872	7,057,536	70.6
1-5.....	.0026	98,710	259	394,250	6,958,664	70.5
5-10.....	.0018	98,451	174	491,794	6,564,414	66.7
10-15.....	.0020	98,277	196	490,990	6,072,620	61.8
15-20.....	.0075	98,081	732	488,755	5,581,630	56.9
20-25.....	.0097	97,349	942	484,400	5,092,875	52.3
25-30.....	.0088	96,407	846	479,871	4,608,475	47.8
30-35.....	.0083	95,561	795	475,885	4,128,604	43.2
35-40.....	.0103	94,766	979	471,552	3,652,719	38.5
40-45.....	.0158	93,787	1,480	465,511	3,181,167	33.9
45-50.....	.0264	92,307	2,439	455,867	2,715,656	29.4
50-55.....	.0431	89,868	3,871	440,339	2,259,789	25.1
55-60.....	.0662	85,997	5,696	416,569	1,819,450	21.2
60-65.....	.1057	80,301	8,489	381,209	1,402,881	17.5
65-70.....	.1529	71,812	10,977	332,435	1,021,672	14.2
70-75.....	.2222	60,835	13,519	270,891	689,237	11.3
75-80.....	.3263	47,316	15,438	197,663	418,346	8.8
80-85.....	.4425	31,878	14,105	122,647	220,683	6.9
85 and over.....	1.0000	17,773	17,773	98,036	98,036	5.5
White, female						
0-1.....	0.0100	100,000	1,000	99,123	7,823,367	78.2
1-5.....	.0021	99,000	203	395,529	7,724,244	78.0
5-10.....	.0012	98,797	121	493,658	7,328,715	74.2

Table 3. Abridged life tables by race and sex: United States, 1979—Con.

[For explanation of the columns of the life tables, see section 5 of *Vital Statistics of the United States, 1977, Volume II*]

Age interval	Proportion dying	Of 100,000 born alive		Stationary population		Average remaining lifetime
		Number living at beginning of age interval	Number dying during age interval	In the age interval	In this and all subsequent age intervals	Average number of years of life remaining at beginning of age interval
Period of life between two exact ages stated in years	Proportion of persons alive at beginning of age interval dying during interval	(3)	(4)	(5)	(6)	(7)
(1)	(2)	(3)	(4)	(5)	(6)	(7)
x to x + n	nq _x	l _x	n _d x	nL _x	T _x	e _x
White, female—Con.						
10–15	.0012	98,676	115	493,119	6,835,057	69.3
15–20	.0027	98,561	265	492,184	6,341,938	64.3
20–25	.0030	98,296	290	490,762	5,849,754	59.5
25–30	.0030	98,006	298	489,307	5,358,992	54.7
30–35	.0036	97,708	357	487,701	4,869,685	49.8
35–40	.0054	97,351	526	485,537	4,381,984	45.0
40–45	.0088	96,825	848	482,159	3,896,447	40.2
45–50	.0142	95,977	1,362	476,697	3,414,288	35.6
50–55	.0227	94,615	2,152	468,021	2,937,591	31.0
55–60	.0345	92,463	3,192	454,775	2,469,570	26.7
60–65	.0539	89,271	4,813	435,005	2,014,795	22.6
65–70	.0771	84,458	6,508	407,022	1,579,790	18.7
70–75	.1194	77,950	9,309	367,856	1,172,768	15.0
75–80	.2016	68,641	13,835	310,049	804,912	11.7
80–85	.3126	54,806	17,131	231,481	494,863	9.0
85 and over	1.0000	37,675	37,675	263,382	263,382	7.0
All other						
0–1	0.0200	100,000	1,996	98,283	6,981,694	69.8
1–5	.0037	98,004	361	391,152	6,883,411	70.2
5–10	.0021	97,643	203	487,657	6,492,259	66.5
10–15	.0018	97,440	177	486,826	6,004,602	61.6
15–20	.0048	97,263	469	485,286	5,517,776	56.7
20–25	.0090	96,794	867	481,908	5,032,490	52.0
25–30	.0118	95,927	1,136	476,853	4,550,582	47.4
30–35	.0137	94,791	1,298	470,854	4,073,729	43.0
35–40	.0186	93,493	1,738	463,341	3,602,875	38.5
40–45	.0266	91,755	2,439	452,963	3,139,534	34.2
45–50	.0375	89,316	3,351	438,570	2,686,571	30.1
50–55	.0572	85,965	4,916	418,024	2,248,001	26.2
55–60	.0810	81,049	6,566	389,381	1,829,977	22.6
60–65	.1140	74,483	8,493	351,779	1,440,596	19.3
65–70	.1327	65,990	8,759	308,465	1,088,817	16.5
70–75	.2070	57,231	11,846	256,749	780,352	13.6
75–80	.3169	45,385	14,384	190,195	523,603	11.5
80–85	.3169	31,001	9,823	129,556	333,408	10.8
85 and over	1.0000	21,178	21,178	203,852	203,852	9.6
All other, male						
0–1	0.0216	100,000	2,165	98,139	6,550,477	65.5
1–5	.0040	97,835	389	390,420	6,452,338	66.0
5–10	.0025	97,446	241	486,575	6,061,918	62.2
10–15	.0023	97,205	225	485,568	5,575,343	57.4
15–20	.0069	96,980	671	483,452	5,089,775	52.5
20–25	.0136	96,309	1,312	478,436	4,606,323	47.8
25–30	.0184	94,997	1,748	470,645	4,127,887	43.5
30–35	.0205	93,249	1,911	461,626	3,657,242	39.2
35–40	.0267	91,338	2,434	450,875	3,195,616	35.0
40–45	.0375	88,904	3,330	436,539	2,744,741	30.9
45–50	.0494	85,574	4,230	417,713	2,308,202	27.0
50–55	.0749	81,344	6,089	392,057	1,890,489	23.2
55–60	.1063	75,255	7,998	356,825	1,498,432	19.9
60–65	.1456	67,257	9,795	312,269	1,141,607	17.0
65–70	.1705	57,462	9,795	263,075	829,338	14.4
70–75	.2479	47,667	11,815	208,708	566,263	11.9

Table 3. Abridged life tables by race and sex: United States, 1979—Con.

[For explanation of the columns of the life tables, see section 5 of *Vital Statistics of the United States, 1977, Volume II*]

Age interval	Proportion dying	Of 100,000 born alive		Stationary population		Average remaining lifetime
Period of life between two exact ages stated in years	Proportion of persons alive at beginning of age interval dying during interval	Number living at beginning of age interval	Number dying during age interval	In the age interval	In this and all subsequent age intervals	Average number of years of life remaining at beginning of age interval
(1)	(2)	(3)	(4)	(5)	(6)	(7)
x to x + n	nq _x	l _x	n _d _x	nL _x	T _x	e _x
All other, male—Con.						
75–80.....	.3548	35,852	12,720	146,309	357,555	10.0
80–85.....	.3739	23,132	8,649	92,858	211,246	9.1
85 and over.....	1.0000	14,483	14,483	118,388	118,388	8.2
All other, female						
0–1.....	0.0182	100,000	1,823	98,430	7,419,485	74.2
1–5.....	.0034	98,177	331	391,905	7,321,055	74.6
5–10.....	.0017	97,846	164	488,774	6,929,150	70.8
10–15.....	.0013	97,682	128	488,125	6,440,376	65.9
15–20.....	.0027	97,554	264	487,177	5,952,251	61.0
20–25.....	.0046	97,290	452	485,378	5,465,074	56.2
25–30.....	.0062	96,838	599	482,765	4,979,696	51.4
30–35.....	.0080	96,239	766	479,404	4,496,931	46.7
35–40.....	.0120	95,473	1,143	474,682	4,017,527	42.1
40–45.....	.0176	94,330	1,658	467,721	3,542,845	37.6
45–50.....	.0271	92,672	2,510	457,382	3,075,124	33.2
50–55.....	.0416	90,162	3,755	441,817	2,617,742	29.0
55–60.....	.0586	86,407	5,060	419,890	2,175,925	25.2
60–65.....	.0868	81,347	7,062	389,770	1,756,035	21.6
65–70.....	.1023	74,285	7,598	352,960	1,366,265	18.4
70–75.....	.1727	66,687	11,516	305,114	1,013,305	15.2
75–80.....	.2838	55,171	15,658	236,427	708,191	12.8
80–85.....	.2792	39,513	11,034	169,436	471,764	11.9
85 and over.....	1.0000	28,479	28,479	302,328	302,328	10.6
Black						
0–1.....	0.0219	100,000	2,194	98,107	6,828,133	68.3
1–5.....	.0039	97,806	378	390,319	6,730,026	68.8
5–10.....	.0022	97,428	214	486,551	6,339,707	65.1
10–15.....	.0019	97,214	182	485,684	5,853,156	60.2
15–20.....	.0048	97,032	463	484,150	5,367,472	55.3
20–25.....	.0092	96,569	893	480,731	4,883,322	50.6
25–30.....	.0127	95,676	1,219	475,397	4,402,591	46.0
30–35.....	.0153	94,457	1,445	468,834	3,927,194	41.6
35–40.....	.0202	93,012	1,878	460,606	3,458,360	37.2
40–45.....	.0288	91,134	2,627	449,403	2,997,754	32.9
45–50.....	.0416	88,507	3,681	433,718	2,548,351	28.8
50–55.....	.0625	84,826	5,303	411,374	2,114,633	24.9
55–60.....	.0871	79,523	6,929	380,852	1,703,259	21.4
60–65.....	.1204	72,594	8,741	341,694	1,322,407	18.2
65–70.....	.1364	63,853	8,708	297,868	980,713	15.4
70–75.....	.2185	55,145	12,049	245,756	682,845	12.4
75–80.....	.3587	43,096	15,458	175,909	437,089	10.1
80–85.....	.3470	27,638	9,591	113,289	261,180	9.5
85 and over.....	1.0000	18,047	18,047	147,891	147,891	8.2
Black, male						
0–1.....	0.0238	100,000	2,384	97,944	6,399,622	64.0
1–5.....	.0041	97,616	405	389,505	6,301,678	64.6
5–10.....	.0026	97,211	254	485,362	5,912,173	60.8
10–15.....	.0024	96,957	229	484,318	5,426,811	56.0
15–20.....	.0069	96,728	665	482,212	4,942,493	51.1
20–25.....	.0141	96,063	1,356	477,119	4,460,281	46.4
25–30.....	.0197	94,707	1,870	468,895	3,983,162	42.1

Table 3. Abridged life tables by race and sex: United States, 1979—Con.

[For explanation of the columns of the life tables, see section 5 of *Vital Statistics of the United States, 1977*, Volume II]

Age interval Period of life between two exact ages stated in years (1) x to x + n	Proportion dying	Of 100,000 born alive		Stationary population		Average remaining lifetime
	Proportion of persons alive at beginning of age interval dying during interval	Number living at beginning of age interval	Number dying during age interval	In the age interval	In this and all subsequent age intervals	Average number of years of life remaining at beginning of age interval
	(2)	(3)	(4)	(5)	(6)	(7)
	nq_x	l_x	nd_x	nL_x	T_x	e_x
Black, male—Con.						
30–35.....	.0230	92,837	2,135	459,021	3,514,267	37.9
35–40.....	.0289	90,702	2,619	447,241	3,055,246	33.7
40–45.....	.0406	88,083	3,579	431,826	2,608,005	29.6
45–50.....	.0546	84,504	4,614	411,423	2,176,179	25.8
50–55.....	.0814	79,890	6,507	383,748	1,764,756	22.1
55–60.....	.1140	73,383	8,365	346,551	1,381,008	18.8
60–65.....	.1543	65,018	10,033	300,434	1,034,457	15.9
65–70.....	.1768	54,985	9,720	250,802	734,023	13.3
70–75.....	.2639	45,265	11,945	196,263	483,221	10.7
75–80.....	.4055	33,320	13,511	131,527	286,958	8.6
80–85.....	.4163	19,809	8,246	77,280	155,431	7.8
85 and over.....	1.0000	11,563	11,563	78,151	78,151	6.8
Black, female						
0–1.....	0.0200	100,000	1,998	98,274	7,266,968	72.7
1–5.....	.0036	98,002	349	391,161	7,168,694	73.1
5–10.....	.0018	97,653	172	487,786	6,777,533	69.4
10–15.....	.0014	97,481	133	487,107	6,289,747	64.5
15–20.....	.0027	97,348	261	486,153	5,802,640	59.6
20–25.....	.0048	97,087	466	484,332	5,316,487	54.8
25–30.....	.0066	96,621	641	481,580	4,832,155	50.0
30–35.....	.0088	95,980	841	477,934	4,350,575	45.3
35–40.....	.0130	95,139	1,236	472,798	3,872,641	40.7
40–45.....	.0190	93,903	1,787	465,275	3,399,843	36.2
45–50.....	.0301	92,116	2,768	453,972	2,934,568	31.9
50–55.....	.0458	89,348	4,089	436,928	2,480,596	27.8
55–60.....	.0633	85,259	5,398	413,324	2,043,668	24.0
60–65.....	.0916	79,861	7,317	381,708	1,630,344	20.4
65–70.....	.1047	72,544	7,596	344,244	1,248,636	17.2
70–75.....	.1819	64,948	11,816	295,648	904,392	13.9
75–80.....	.3214	53,132	17,076	222,542	608,744	11.5
80–85.....	.2995	36,056	10,799	152,664	386,202	10.7
85 and over.....	1.0000	25,257	25,257	233,538	233,538	9.2

Table 4. Deaths and death rates for the 10 leading causes of death in specified race-sex groups: United States, 1979

[Rates per 100,000 population in specified group]

Rank order	Cause of death, race, and sex (Ninth Revision International Classification of Diseases, 1975)	Number	Rate	Rank order	Cause of death, race, and sex (Ninth Revision International Classification of Diseases, 1975)	Number	Rate
All races, both sexes				White, female—Con.			
...	All causes.....	1,913,841	869.5	9	Chronic liver disease and cirrhosis ... 571	8,535	8.8
1	Diseases of heart..... 390-398, 402, 404-429	733,235	333.1	10	Certain conditions originating in the perinatal period	6,772	7.0
2	Malignant neoplasms, including neoplasms of lymphatic and hematopoietic tissues	403,395	183.3	...	All other causes..... Residual	104,293	107.2
3	Cerebrovascular diseases..... 430-438	169,488	77.0	All other, male			
4	Accidents and adverse effects..... E800-E949	105,312	47.8	...	All causes	134,822	939.9
...	Motor vehicle accidents	53,524	24.3	1	Diseases of heart	38,994	271.8
...	All other accidents and adverse effects ... E800-E807, E826-E949	51,788	23.5	2	Malignant neoplasms, including neoplasms of lymphatic and hematopoietic tissues.....	26,571	185.2
5	Chronic obstructive pulmonary diseases and allied conditions..... 490-496	49,933	22.7	3	Accidents and adverse effects	10,943	76.3
6	Pneumonia and influenza	45,030	20.5	...	Motor vehicle accidents..... E810-E825	4,730	33.0
7	Diabetes mellitus..... 250	33,192	15.1	...	All other accidents and adverse effects... E800-E807, E826-E949	6,213	43.3
8	Chronic liver disease and cirrhosis ... 571	29,720	13.5	4	Cerebrovascular diseases..... 430-438	9,826	68.5
9	Atherosclerosis	28,801	13.1	5	Homicide and legal intervention..... E960-E978	8,236	57.4
10	Suicide	27,206	12.4	6	Certain conditions originating in the perinatal period.....	4,088	28.5
...	All other causes..... Residual	288,529	131.1	7	Chronic liver disease and cirrhosis... 571	3,265	22.8
White, male				8	Pneumonia and influenza..... 480-487	3,181	22.2
...	All causes.....	910,137	982.2	9	Chronic obstructive pulmonary diseases and allied conditions	2,353	16.4
1	Diseases of heart..... 390-398, 402, 404-429	357,378	385.7	10	Diabetes mellitus	2,107	14.7
2	Malignant neoplasms, including neoplasms of lymphatic and hematopoietic tissues	193,444	208.8	...	All other causes	25,258	176.1
3	Accidents and adverse effects..... E800-E949	63,460	68.5	All other, female			
...	Motor vehicle accidents	34,579	37.3	...	All causes	102,874	651.7
...	All other accidents and adverse effects ... E800-E807, E826-E949	28,881	31.2	1	Diseases of heart	34,087	215.9
4	Cerebrovascular diseases..... 430-438	60,613	65.4	2	Malignant neoplasms, including neoplasms of lymphatic and hematopoietic tissues.....	19,488	123.5
5	Chronic obstructive pulmonary diseases and allied conditions	32,942	35.6	3	Cerebrovascular diseases..... 430-438	11,246	71.2
6	Pneumonia and influenza	20,544	22.2	4	Accidents and adverse effects	4,059	25.7
7	Suicide	18,504	20.0	...	Motor vehicle accidents..... E810-E825	1,546	9.8
8	Chronic liver disease and cirrhosis ... 571	16,104	17.4	...	All other accidents and adverse effects... E800-E807, E826-E949	2,513	15.9
9	Diabetes mellitus..... 250	11,688	12.6	5	Diabetes mellitus	3,461	21.9
10	Atherosclerosis	10,460	11.3	6	Certain conditions originating in the perinatal period.....	3,326	21.1
...	All other causes..... Residual	125,000	134.9	7	Pneumonia and influenza..... 480-487	2,046	13.0
White, female				8	Homicide and legal intervention	1,980	12.5
...	All causes.....	766,008	787.2	9	Chronic liver disease and cirrhosis... 571	1,816	11.5
1	Diseases of heart..... 390-398, 402, 404-429	302,776	311.2	10	Nephritis, nephrotic syndrome, and nephrosis	1,565	9.9
2	Malignant neoplasms, including neoplasms of lymphatic and hematopoietic tissues	163,892	168.4	...	All other causes	19,800	125.4
3	Cerebrovascular diseases..... 430-438	87,803	90.2	Black, male			
4	Accidents and adverse effects..... E800-E949	26,850	27.6	...	All causes	124,433	1,012.1
...	Motor vehicle accidents	12,669	13.0	1	Diseases of heart	36,122	293.8
...	All other accidents and adverse effects ... E800-E807, E826-E949	14,181	14.6	2	Malignant neoplasms, including neoplasms of lymphatic and hematopoietic tissues.....	24,831	202.0
5	Pneumonia and influenza	19,259	19.8	3	Accidents and adverse effects	9,489	77.2
6	Atherosclerosis	16,142	16.6				
7	Diabetes mellitus..... 250	15,936	16.4				
8	Chronic obstructive pulmonary diseases and allied conditions	13,750	14.1				

Table 4. Deaths and death rates for the 10 leading causes of death in specified race-sex groups: United States, 1979—Con.

[Rates per 100,000 population in specified group]

Rank order	Cause of death, race, and sex (Ninth Revision International Classification of Diseases, 1975)	Number	Rate	Rank order	Cause of death, race, and sex (Ninth Revision International Classification of Diseases, 1975)	Number	Rate
Black, male—Con.				Black, female—Con.			
...	Motor vehicle accidents E810–E825	3,929	32.0	2	Malignant neoplasms, including neoplasms of lymphatic and hematopoietic tissues 140–208	18,150	133.8
...	All other accidents and adverse effects . . . E800–E807, E826–E949	5,560	45.2	3	Cerebrovascular diseases 430–438	10,651	78.5
4	Cerebrovascular diseases 430–438	9,186	74.7	4	Accidents and adverse effects E800–E949	3,511	25.9
5	Homicide and legal intervention E960–E978	7,938	64.6	...	Motor vehicle accidents E810–E826	1,203	8.9
6	Certain conditions originating in the perinatal period 760–779	3,871	31.5	...	All other accidents and adverse effects . . . E800–E807, E826–E949	2,308	17.0
7	Chronic liver disease and cirrhosis . . . 571	2,954	24.0	5	Diabetes mellitus 250	3,259	24.0
8	Pneumonia and influenza 480–487	2,884	23.5	6	Certain conditions originating in the perinatal period 760–779	3,153	23.2
9	Chronic obstructive pulmonary diseases and allied conditions 490–496	2,166	17.6	7	Homicide and legal intervention E960–E978	1,874	13.8
10	Diabetes mellitus 250	1,915	15.6	8	Pneumonia and influenza 480–487	1,856	13.7
...	All other causes Residual	23,077	187.7	9	Chronic liver disease and cirrhosis . . . 571	1,613	11.9
Black, female				10	Nephritis, nephrotic syndrome, and nephrosis 580–589	1,493	11.0
...	All causes	96,385	710.3	...	All other causes Residual	18,368	135.4
1	Diseases of heart 390–398, 402, 404–429	32,457	239.2				

Table 5. Deaths and death rates for the 10 leading causes of death in specified age groups: United States, 1979

[Rates per 100,000 population in specified group]

Rank order	Cause of death and age (Ninth Revision International Classification of Diseases, 1975)	Number	Rate	Rank order	Cause of death and age (Ninth Revision International Classification of Diseases, 1975)	Number	Rate
1-4 years				15-24 years—Con.			
...	All causes	8,108	65.6	6	Congenital anomalies	576	1.4
1	Accidents and adverse effects	3,349	27.1	7	Cerebrovascular diseases	379	0.9
...	Motor vehicle accidents	1,239	10.0	8	Pneumonia and influenza	341	0.8
...	All other accidents and adverse effects	2,110	17.1	9	Diabetes mellitus	170	0.4
2	Congenital anomalies	1,021	8.3	10	Anemias	145	0.4
3	Malignant neoplasms, including neoplasms of lymphatic and hematopoietic tissues	578	4.7	...	All other causes	5,434	13.1
4	Homicide and legal intervention	314	2.5	25-44 years			
5	Diseases of heart	265	2.1	...	All causes	105,664	176.3
6	Pneumonia and influenza	258	2.1	1	Accidents and adverse effects	26,097	43.5
7	Meningitis	183	1.5	...	Motor vehicle accidents	15,658	26.1
8	Meningococcal infection	107	0.9	...	All other accidents and adverse effects	10,439	17.4
9	Certain conditions originating in the perinatal period	75	0.6	2	Malignant neoplasms, including neoplasms of lymphatic and hematopoietic tissues	16,918	28.2
10	Anemias	73	0.6	3	Diseases of heart	14,420	24.1
...	All other causes	1,885	15.2	4	Homicide and legal intervention	10,130	16.9
5-14 years				5	Suicide	9,733	16.2
...	All causes	11,146	32.2	6	Chronic liver disease and cirrhosis	4,714	7.9
1	Accidents and adverse effects	5,689	16.5	7	Cerebrovascular diseases	3,224	5.4
...	Motor vehicle accidents	2,952	8.5	8	Diabetes mellitus	1,417	2.4
...	All other accidents and adverse effects	2,737	7.9	9	Pneumonia and influenza	1,337	2.2
2	Malignant neoplasms, including neoplasms of lymphatic and hematopoietic tissues	1,552	4.5	10	Congenital anomalies	774	1.3
3	Congenital anomalies	578	1.7	...	All other causes	16,900	28.2
4	Homicide and legal intervention	394	1.1	45-64 years			
5	Diseases of heart	289	0.8	...	All causes	422,231	961.7
6	Pneumonia and influenza	212	0.6	1	Diseases of heart	149,384	340.3
7	Suicide	152	0.4	2	Malignant neoplasms, including neoplasms of lymphatic and hematopoietic tissues	133,689	304.5
8	Cerebrovascular diseases	104	0.3	3	Cerebrovascular diseases	20,671	47.1
9	Benign neoplasms, carcinoma in situ, and neoplasms of uncertain behavior and of unspecified nature	91	0.3	4	Accidents and adverse effects	18,346	41.8
10	Anemias	83	0.2	...	Motor vehicle accidents	8,162	18.6
...	All other causes	2,002	5.8	...	All other accidents and adverse effects	10,184	23.2
15-24 years				5	Chronic liver disease and cirrhosis	15,887	36.2
...	All causes	48,719	117.7	6	Chronic obstructive pulmonary diseases and allied conditions	10,762	24.5
1	Accidents and adverse effects	26,574	64.2	7	Diabetes mellitus	7,594	17.3
...	Motor vehicle accidents	19,369	46.8	8	Suicide	7,357	16.8
...	All other accidents and adverse effects	7,205	17.4	9	Pneumonia and influenza	5,145	11.7
2	Homicide and legal intervention	6,156	14.9	10	Homicide and legal intervention	4,000	9.1
3	Suicide	5,246	12.7	...	All other causes	49,396	112.5
4	Malignant neoplasms, including neoplasms of lymphatic and hematopoietic tissues	2,581	6.2	65 years and over			
5	Diseases of heart	1,117	2.7	...	All causes	1,271,656	5,157.2
				1	Diseases of heart	566,924	2,299.1
				2	Malignant neoplasms, including neoplasms of lymphatic and hematopoietic tissues	247,922	1,005.4
				3	Cerebrovascular diseases	144,891	587.6

Table 5. Deaths and death rates for the 10 leading causes of death in specified age groups: United States, 1979—Con.
 [Rates per 100,000 population in specified group]

Rank order	Cause of death and age (Ninth Revision International Classification of Diseases, 1975)	Number	Rate	Rank order	Cause of death and age (Ninth Revision International Classification of Diseases, 1975)	Number	Rate
65 years and over—Con.				65 years and over—Con.			
4	Chronic obstructive pulmonary diseases and allied conditions 490–496	38,249	155.1	...	All other accidents and adverse effects . . .E800–E807, E826–E949	18,145	73.6
5	Pneumonia and influenza 480–487	36,598	148.4	8	Diabetes mellitus 250	23,948	97.1
6	Atherosclerosis 440	27,521	111.6	9	Nephritis, nephrotic syndrome, and nephrosis 580–589	11,966	48.5
7	Accidents and adverse effects E800–E949	24,032	97.5	10	Chronic liver disease and cirrhosis . . . 571	8,956	36.3
...	Motor vehicle accidents E810–E825	5,887	23.9	...	All other causes Residual	140,649	570.4

Table 6. Deaths under 1 year and infant mortality rates for the 10 leading causes of infant death: United States, 1979
 [Rates per 100,000 live births]

Rank order	Cause of death (Ninth Revision International Classification of Diseases, 1975)	Number	Rate
...	All causes	45,665	1,306.4
1	Congenital anomalies 740–759	8,923	255.4
2	Respiratory distress syndrome 769	5,458	156.2
3	Sudden infant death syndrome 798.0	5,279	151.1
4	Disorders relating to short gestation and unspecified low birth weight 765	3,495	100.0
5	Newborn affected by maternal complications of pregnancy 761	1,621	46.4
6	Intrauterine hypoxia and birth asphyxia 768	1,393	39.9
7	Birth trauma 767	1,129	32.3
8	Pneumonia and influenza 480–487	1,129	32.3
9	Accidents and adverse effects E800–E949	1,080	30.9
10	Infections specific to the perinatal period 771	981	28.1
...	All other causes Residual	15,177	434.3

Table 7. Deaths from 72 selected causes: United States, 1970 and 1975-79

[Data for 1979 are based on the Ninth Revision International Classification of Diseases; for all other years based on the Eighth Revision; see Explanatory notes. Comparability of causes of death between the Eighth and Ninth Revisions is described in the Explanatory notes. Comparability ratios are shown in table 22.]

Cause of death (Ninth Revision International Classification of Diseases, 1975)	1979	1978	1977	1976	1975	1970
All causes	1,913,841	1,927,788	1,899,597	1,909,440	1,892,879	1,921,031
Shigellosis and amebiasis 004, 006	38	34	53	55	62	89
Certain other intestinal infections 007-009	298	1,874	1,855	1,939	2,010	2,567
Tuberculosis 010-018	2,007	2,914	2,968	3,130	3,333	5,217
Tuberculosis of respiratory system 010-012	1,657	2,256	2,324	2,419	2,576	4,162
Other tuberculosis 013-018	350	658	644	711	757	1,055
Whooping cough 033	6	6	10	7	8	12
Streptococcal sore throat, scarlatina, and erysipelas 034-035	25	5	14	14	15	29
Meningococcal infection 036	404	403	338	330	308	550
Septicemia 038	8,024	7,800	7,112	6,401	5,584	3,535
Acute poliomyelitis 045	4	13	16	16	9	7
Measles 055	6	11	15	12	20	89
Viral hepatitis 070	753	508	508	567	612	1,014
Syphilis 090-097	180	169	196	225	272	461
All other infectious and parasitic diseases 001-003, 005, 020-032, 037, 039-041, 046-054, 056-066, 071-088, 098-139	3,615	4,305	3,845	3,857	3,697	3,079
Malignant neoplasms, including neoplasms of lymphatic and hematopoietic tissues 140-208	403,395	396,992	386,686	377,312	365,693	330,730
Malignant neoplasms of lip, oral cavity, and pharynx 140-149	8,589	8,341	8,454	8,114	8,135	7,612
Malignant neoplasms of digestive organs and peritoneum 150-159	109,125	105,427	102,951	101,729	99,629	94,703
Malignant neoplasms of respiratory and intrathoracic organs 160-165	103,178	99,898	95,182	91,131	86,675	69,517
Malignant neoplasm of breast 174-175	34,622	34,609	34,762	33,403	32,435	29,917
Malignant neoplasms of genital organs 179-187	45,402	45,131	44,273	44,461	42,994	41,190
Malignant neoplasms of urinary organs 188-189	17,443	17,574	17,382	16,980	16,533	15,514
Malignant neoplasms of all other and unspecified sites 170-173, 190-199	48,591	48,943	47,276	45,975	44,585	39,068
Leukemia 204-208	15,988	15,391	15,329	15,056	14,754	14,492
Other malignant neoplasms of lymphatic and hematopoietic tissues 200-203	20,457	21,678	21,077	20,463	19,953	18,717
Benign neoplasms, carcinoma in situ, and neoplasms of uncertain behavior and of unspecified nature 210-239	5,904	4,963	4,925	4,719	4,947	4,828
Diabetes mellitus 250	33,192	33,841	32,989	34,508	35,230	38,324
Nutritional deficiencies 260-269	2,210	2,855	2,606	2,619	2,615	2,470
Anemias 280-285	3,171	3,300	3,121	3,182	3,195	3,427
Meningitis 320-322	1,393	1,560	1,526	1,589	1,630	1,701
Major cardiovascular diseases 390-448	958,282	966,120	961,539	974,429	971,047	1,007,984
Diseases of heart 390-398, 402, 404-429	733,235	729,510	718,850	723,878	716,215	735,542
Rheumatic fever and rheumatic heart disease 390-398	7,795	13,402	12,770	13,110	12,930	14,889
Hypertensive heart disease 402	20,992	7,087	6,905	6,670	6,693	8,413
Hypertensive heart and renal disease 404	3,649	3,249	3,530	4,020	4,334	6,578
Ischemic heart disease 410-414	551,365	642,270	638,427	646,073	642,719	666,665
Acute myocardial infarction 410	300,462	302,664	306,398	319,477	324,652	357,241
Other acute and subacute forms of ischemic heart disease 411	4,762	4,090	3,993	4,028	4,069	4,246
Angina pectoris 413	500	253	206	186	151	216
Old myocardial infarction and other forms of chronic ischemic heart disease 412, 414	245,641	335,263	327,830	322,382	313,847	304,962
Other diseases of endocardium 424	6,492	4,072	4,024	4,195	4,411	6,705
All other forms of heart disease 415-423, 425-429	142,942	59,430	53,194	49,810	45,128	32,292
Hypertension with or without renal disease 401, 403	7,275	5,490	5,695	6,130	6,300	8,273
Cerebrovascular diseases 430-438	169,488	175,629	181,934	188,623	194,038	207,166
Intracerebral and other intracranial hemorrhage 431-432	21,755	22,633	23,832	24,845	26,862	41,379
Cerebral thrombosis and unspecified occlusion of cerebral arteries 434.0, 434.9	35,717	38,710	42,016	44,803	48,457	57,845
Cerebral embolism 434.1	850	760	731	826	811	884
All other and late effects of cerebrovascular diseases 430, 433, 435-438	111,166	113,526	115,355	118,149	117,908	107,058
Atherosclerosis 440	28,801	28,940	28,754	29,366	28,887	31,682
Other diseases of arteries, arterioles, and capillaries 441-448	19,483	26,551	26,306	26,432	25,607	25,321
Acute bronchitis and bronchiolitis 466	554	756	697	854	737	1,310
Pneumonia and influenza 480-487	45,030	58,319	51,193	61,866	55,664	62,739
Pneumonia 480-486	44,426	54,267	49,889	53,989	51,387	59,032
Influenza 487	604	4,052	1,304	7,877	4,277	3,707

Table 7. Deaths from 72 selected causes: United States, 1970 and 1975-79—Con.

[Data for 1979 are based on the Ninth Revision International Classification of Diseases; for all other years based on the Eighth Revision; see Explanatory notes. Comparability of causes of death between the Eighth and Ninth Revisions is described in the Explanatory notes. Comparability ratios are shown in table 22.]

<i>Cause of death</i> (Ninth Revision International Classification of Diseases, 1975)	1979	1978	1977	1976	1975	1970	
Chronic obstructive pulmonary diseases and allied conditions	490-496	49,933	21,875	22,363	24,410	25,468	30,889
Bronchitis, chronic and unspecified	490-491	3,650	4,376	4,313	4,639	4,712	5,846
Emphysema	492	13,569	15,627	16,376	17,796	18,795	22,721
Asthma	493	2,598	1,872	1,674	1,975	1,961	2,322
Other chronic obstructive pulmonary diseases and allied conditions	494-496	30,116	...	...	...	...	...
Ulcer of stomach and duodenum	531-533	5,902	5,545	5,900	6,428	6,743	8,607
Appendicitis	540-543	682	735	747	752	822	1,397
Hernia of abdominal cavity and intestinal obstruction without mention of hernia	550-553, 560	5,349	5,568	5,699	5,919	6,178	7,235
Chronic liver disease and cirrhosis	571	29,720	30,066	30,848	31,453	31,623	31,399
Cholelithiasis and other disorders of gallbladder	574-575	3,139	2,941	2,957	2,956	3,004	3,973
Nephritis, nephrotic syndrome, and nephrosis	580-589	15,729	8,868	8,519	8,541	8,072	8,877
Acute glomerulonephritis and nephrotic syndrome	580-581	338	2,073	1,833	1,759	1,585	1,354
Chronic glomerulonephritis, nephritis and nephropathy, not specified as acute or chronic, and renal sclerosis, unspecified	582-583, 587	2,363	...	...	...	...	...
Renal failure, disorders resulting from impaired renal function, and small kidney of unknown cause	584-586, 588-589	13,028	...	...	...	...	...
Infections of kidney	590	2,868	3,096	3,712	4,017	4,502	8,190
Hyperplasia of prostate	600	810	854	998	1,077	1,221	2,168
Complications of pregnancy, childbirth, and the puerperium	630-676	336	321	373	390	403	803
Pregnancy with abortive outcome	630-638	61	16	20	16	27	128
Other complications of pregnancy, childbirth, and the puerperium	640-676	275	305	353	374	376	675
Congenital anomalies	740-759	13,526	12,968	12,983	13,002	13,245	16,824
Certain conditions originating in the perinatal period	760-779	23,448	22,033	23,401	24,809	26,616	43,205
Birth trauma, intrauterine hypoxia, birth asphyxia, and respiratory distress syndrome	767-769	8,017	11,710	12,633	13,432	14,593	22,801
Other conditions originating in the perinatal period	760-766, 770-779	15,431	10,323	10,768	11,377	12,023	20,404
Symptoms, signs, and ill-defined conditions	780-799	27,578	31,324	32,149	30,802	31,768	25,781
All other diseases Residual		107,385	137,396	130,428	125,340	120,263	101,128
Accidents and adverse effects	E800-E949	105,312	105,561	103,202	100,761	103,030	114,638
Motor vehicle accidents	E810-E825	53,524	52,411	49,510	47,038	45,853	54,633
All other accidents and adverse effects	E800-E807, E826-E949	51,788	53,150	53,692	53,723	57,177	60,005
Suicide	E950-E959	27,206	27,294	28,681	26,832	27,063	23,480
Homicide and legal intervention	E960-E978	22,550	20,432	19,968	19,554	21,310	16,848
All other external causes	E980-E999	3,877	4,163	4,457	4,766	4,860	5,427

Table 8. Death rates for 72 selected causes: United States, 1970 and 1975-79

[Data for 1979 are based on the Ninth Revision International Classification of Diseases; for all other years based on the Eighth Revision; see Explanatory notes. Comparability of causes of death between the Eighth and Ninth Revisions is described in the Explanatory notes. Comparability ratios are shown in table 22. Rates per 100,000 population]

Cause of death (Ninth Revision International Classification of Diseases, 1975)	1979	1978	1977	1976	1975	1970	
All causes	869.5	883.4	878.1	889.6	888.5	945.3	
Shigellosis and amebiasis	004, 006	0.0	0.0	0.0	0.0	0.0	
Certain other intestinal infections	007-009	0.1	0.9	0.9	0.9	1.3	
Tuberculosis	010-018	0.9	1.3	1.4	1.5	2.6	
Tuberculosis of respiratory system	010-012	0.8	1.0	1.1	1.1	2.0	
Other tuberculosis	013-018	0.2	0.3	0.3	0.3	0.5	
Whooping cough	033	0.0	0.0	0.0	0.0	0.0	
Streptococcal sore throat, scarlatina, and erysipelas	034-035	0.0	0.0	0.0	0.0	0.0	
Meningococcal infection	036	0.2	0.2	0.2	0.2	0.3	
Septicemia	038	3.6	3.6	3.3	3.0	1.7	
Acute poliomyelitis	045	0.0	0.0	0.0	0.0	0.0	
Measles	055	0.0	0.0	0.0	0.0	0.0	
Viral hepatitis	070	0.3	0.2	0.2	0.3	0.5	
Syphilis	090-097	0.1	0.1	0.1	0.1	0.2	
All other infectious and parasitic diseases	001-003, 005, 020-032, 037, 039-041, 046-054, 056-066, 071-088, 098-139	1.6	2.0	1.8	1.8	1.7	1.5
Malignant neoplasms, including neoplasms of lymphatic and hematopoietic tissues	140-208	183.3	181.9	178.7	175.8	171.7	162.8
Malignant neoplasms of lip, oral cavity, and pharynx	140-149	3.9	3.8	3.9	3.8	3.8	3.7
Malignant neoplasms of digestive organs and peritoneum	150-159	49.6	48.3	47.6	47.4	46.8	46.6
Malignant neoplasms of respiratory and intrathoracic organs	160-165	46.9	45.8	44.0	42.5	40.7	34.2
Malignant neoplasm of breast	174-175	15.7	15.9	16.1	15.6	15.2	14.7
Malignant neoplasms of genital organs	179-187	20.6	20.7	20.5	20.7	20.2	20.3
Malignant neoplasms of urinary organs	188-189	7.9	8.1	8.0	7.9	7.8	7.6
Malignant neoplasms of all other and unspecified sites	170-173, 190-199	22.1	22.4	21.9	21.4	20.9	19.2
Leukemia	204-208	7.3	7.1	7.1	7.0	6.9	7.1
Other malignant neoplasms of lymphatic and hematopoietic tissues	200-203	9.3	9.9	9.7	9.5	9.4	9.2
Benign neoplasms, carcinoma in situ, and neoplasms of uncertain behavior and of unspecified nature	210-239	2.7	2.3	2.3	2.2	2.3	2.4
Diabetes mellitus	250	15.1	15.5	15.2	16.1	16.5	18.9
Nutritional deficiencies	260-269	1.0	1.3	1.2	1.2	1.2	1.2
Anemias	280-285	1.4	1.5	1.4	1.5	1.5	1.7
Meningitis	320-322	0.6	0.7	0.7	0.7	0.8	0.8
Major cardiovascular diseases	390-448	435.4	442.7	444.5	454.0	455.8	496.0
Diseases of heart	390-398, 402, 404-429	333.1	334.3	332.3	337.2	336.2	362.0
Rheumatic fever and rheumatic heart disease	390-398	3.5	6.1	5.9	6.1	6.1	7.3
Hypertensive heart disease	402	9.5	3.2	3.2	3.1	3.1	4.1
Hypertensive heart and renal disease	404	1.7	1.5	1.6	1.9	2.0	3.2
Ischemic heart disease	410-414	250.5	294.3	295.1	301.0	301.7	328.1
Acute myocardial infarction	410	136.5	138.7	141.6	148.8	152.4	175.8
Other acute and subacute forms of ischemic heart disease	411	2.2	1.9	1.8	1.9	1.9	2.1
Angina pectoris	413	0.2	0.1	0.1	0.1	0.1	0.1
Old myocardial infarction and other forms of chronic ischemic heart disease	412, 414	111.6	153.6	151.5	150.2	147.3	150.1
Other diseases of endocardium	424	2.9	1.9	1.9	2.0	2.1	3.3
All other forms of heart disease	415-423, 425-429	64.9	27.2	24.6	23.2	21.2	15.9
Hypertension with or without renal disease	401, 403	3.3	2.5	2.6	2.9	3.0	4.1
Cerebrovascular diseases	430-438	77.0	80.5	84.1	87.9	91.1	101.9
Intracerebral and other intracranial hemorrhage	431-432	9.9	10.4	11.0	11.6	12.6	20.4
Cerebral thrombosis and unspecified occlusion of cerebral arteries	434.0, 434.9	16.2	17.7	19.4	20.9	22.7	28.5
Cerebral embolism	434.1	0.4	0.3	0.3	0.4	0.4	0.4
All other and late effects of cerebrovascular diseases	430, 433, 435-438	50.5	52.0	53.3	55.0	55.3	52.7
Atherosclerosis	440	13.1	13.3	13.3	13.7	13.6	15.6
Other diseases of arteries, arterioles, and capillaries	441-448	8.9	12.2	12.2	12.3	12.0	12.5
Acute bronchitis and bronchiolitis	466	0.3	0.3	0.3	0.4	0.3	0.6
Pneumonia and influenza	480-487	20.5	26.7	23.7	28.8	26.1	30.9
Pneumonia	480-486	20.2	24.9	23.1	25.2	24.1	29.0
Influenza	487	0.3	1.9	0.6	3.7	2.0	1.8
Chronic obstructive pulmonary diseases and allied conditions	490-496	22.7	10.0	10.3	11.4	12.0	15.2
Bronchitis, chronic and unspecified	490-491	1.7	2.0	2.0	2.2	2.2	2.9
Emphysema	492	6.2	7.2	7.6	8.3	8.8	11.2
Asthma	493	1.2	0.9	0.8	0.9	0.9	1.1
Other chronic obstructive pulmonary diseases and allied conditions	494-496	13.7	...	...	...	...	...
Ulcer of stomach and duodenum	531-533	2.7	2.5	2.7	3.0	3.2	4.2
Appendicitis	540-543	0.3	0.3	0.3	0.4	0.4	0.7
Hernia of abdominal cavity and intestinal obstruction without mention of hernia	550-553, 560	2.4	2.6	2.6	2.8	2.9	3.6
Chronic liver disease and cirrhosis	571	13.5	13.8	14.3	14.7	14.8	15.5
Cholelithiasis and other disorders of gallbladder	574-575	1.4	1.3	1.4	1.4	1.4	2.0

Table 8. Death rates for 72 selected causes: United States, 1970 and 1975-79—Con.

[Data for 1979 are based on the Ninth Revision International Classification of Diseases; for all other years based on the Eighth Revision; see Explanatory notes. Comparability of causes of death between the Eighth and Ninth Revisions is described in the Explanatory notes. Comparability ratios are shown in table 22. Rates per 100,000 population]

<i>Cause of death</i> (Ninth Revision International Classification of Diseases, 1975)	1979	1978	1977	1976	1975	1970	
Nephritis, nephrotic syndrome, and nephrosis	580-589	7.1	4.1	3.9	4.0	3.8	4.4
Acute glomerulonephritis and nephrotic syndrome	580-581	0.2	0.9	0.8	0.8	0.7	0.7
Chronic glomerulonephritis, nephritis and nephropathy, not specified as acute or chronic, and renal sclerosis, unspecified	582-583, 587	1.1	...	...	...	...	...
Renal failure, disorders resulting from impaired renal function, and small kidney of unknown cause	584-586, 588-589	5.9	...	...	...	...	...
Infections of kidney	590	1.3	1.4	1.7	1.9	2.1	4.0
Hyperplasia of prostate	600	0.4	0.4	0.5	0.5	0.6	1.1
Complications of pregnancy, childbirth, and the puerperium	630-676	0.2	0.1	0.2	0.2	0.2	0.4
Pregnancy with abortive outcome	630-638	0.0	0.0	0.0	0.0	0.0	0.1
Other complications of pregnancy, childbirth, and the puerperium	640-676	0.1	0.1	0.2	0.2	0.2	0.3
Congenital anomalies	740-759	6.1	5.9	6.0	6.1	6.2	8.3
Certain conditions originating in the perinatal period	760-779	10.7	10.1	10.8	11.6	12.5	21.3
Birth trauma, intrauterine hypoxia, birth asphyxia, and respiratory distress syndrome	767-769	3.6	5.4	5.8	6.3	6.9	11.2
Other conditions originating in the perinatal period	760-766, 770-779	7.0	4.7	5.0	5.3	5.6	10.0
Symptoms, signs, and ill-defined conditions	780-799	12.5	14.4	14.9	14.3	14.9	12.7
All other diseases	Residual	48.8	63.0	60.3	58.4	56.5	49.8
Accidents and adverse effects	E800-E949	47.8	48.4	47.7	46.9	48.4	56.4
Motor vehicle accidents	E810-E825	24.3	24.0	22.9	21.9	21.5	26.9
All other accidents and adverse effects	E800-E807, E826-E949	23.5	24.4	24.8	25.0	26.8	29.5
Suicide	E950-E959	12.4	12.5	13.3	12.5	12.7	11.6
Homicide and legal intervention	E960-E978	10.2	9.4	9.2	9.1	10.0	8.3
All other external causes	E980-E999	1.8	1.9	2.1	2.2	2.3	2.7

Table 9. Deaths from 72 selected causes by age: United States, 1979

Cause of death (Ninth Revision International Classification of Diseases, 1975)	All ages	Under 1 year	1-4 years	5-14 years	15-24 years	25-34 years	35-44 years	45-54 years	55-64 years	65-74 years	75-84 years	85 years and over	Not stated
All causes	1,913,841	45,665	8,108	11,146	48,719	47,941	57,723	135,265	286,966	449,255	493,676	328,725	652
Shigellosis and amebiasis..... 004, 006	38	4	8	2	-	-	2	6	4	6	2	4	-
Certain other intestinal infections..... 007-009	298	106	11	5	7	5	6	11	18	27	56	46	-
Tuberculosis..... 010-018	2,007	1	7	3	14	62	131	263	377	494	438	217	-
Tuberculosis of respiratory system..... 010-012	1,657	-	-	1	9	43	109	215	321	415	367	177	-
Other tuberculosis..... 013-018	350	1	7	2	5	19	22	48	56	79	71	40	-
Whooping cough..... 033	6	6	-	-	-	-	-	-	-	-	-	-	-
Streptococcal sore throat, scarlatina, and erysipelas..... 034-035	25	2	2	4	1	1	4	1	-	3	4	3	-
Meningococcal infection..... 036	404	89	107	26	45	19	20	20	38	24	10	6	-
Septicemia..... 038	8,024	262	63	39	84	129	199	502	1,049	1,897	2,255	1,545	-
Acute poliomyelitis..... 045	4	-	-	-	-	1	-	1	2	-	-	-	-
Measles..... 055	6	-	-	-	3	1	-	1	1	-	-	-	-
Viral hepatitis..... 070	753	13	7	9	77	91	63	86	149	138	88	31	1
Syphilis..... 090-097	180	6	1	-	3	1	4	7	29	57	47	25	-
All other infectious and parasitic diseases... 001-003, 005, 020-032, 037, 039-041, 046-054, 056-066, 071-088, 098-139	3,615	222	98	128	162	215	231	361	643	699	578	277	1
Malignant neoplasms, including neoplasms of lymphatic and hematopoietic tissues..... 140-208	403,395	116	578	1,552	2,581	4,786	12,132	41,601	92,088	122,702	91,762	33,458	39
Malignant neoplasms of lip, oral cavity, and pharynx..... 140-149	8,589	-	2	10	27	60	285	1,273	2,541	2,495	1,373	520	3
Malignant neoplasms of digestive organs and peritoneum..... 150-159	109,125	11	16	31	146	633	2,069	8,318	22,284	34,037	29,534	12,036	10
Malignant neoplasms of respiratory and intrathoracic organs..... 160-165	103,178	1	3	11	60	303	2,450	12,847	30,227	35,430	18,095	3,741	10
Malignant neoplasm of breast..... 174-175	34,622	-	-	-	18	594	2,275	5,794	8,861	8,685	5,881	2,509	5
Malignant neoplasms of genital organs..... 179-187	45,402	1	5	18	198	566	1,183	3,328	7,639	13,544	13,378	5,537	5
Malignant neoplasms of urinary organs..... 188-189	17,443	8	29	56	40	60	280	1,299	3,239	5,312	4,988	2,132	-
Malignant neoplasms of all other and unspecified sites..... 170-173, 190-199	48,591	57	280	613	968	1,317	2,151	5,514	10,673	13,254	9,897	3,862	5
Leukemia..... 204-208	15,988	33	210	662	734	600	674	1,254	2,433	3,892	3,824	1,671	1
Other malignant neoplasms of lymphatic and hematopoietic tissues..... 200-203	20,457	5	33	151	390	653	765	1,974	4,191	6,053	4,792	1,450	-
Benign neoplasms, carcinoma in situ, and neoplasms of uncertain behavior and of unspecified nature..... 210-239	5,904	48	47	91	131	196	248	508	1,052	1,550	1,388	644	1
Diabetes mellitus..... 250	33,192	3	10	44	170	513	904	2,057	5,537	9,398	9,902	4,648	6
Nutritional deficiencies..... 260-269	2,210	45	2	1	8	19	32	71	168	338	698	826	2
Anemias..... 280-285	3,171	35	73	83	145	132	119	142	272	569	872	728	1
Meningitis..... 320-322	1,393	441	183	56	27	50	65	86	149	169	121	46	-
Major cardiovascular diseases..... 390-448	958,282	872	321	417	1,604	4,209	14,108	49,830	126,410	230,308	300,520	229,510	173
Diseases of heart..... 390-398, 402, 404-429	733,235	693	265	289	1,117	3,040	11,380	42,348	107,036	184,019	222,284	160,621	143
Rheumatic fever and rheumatic heart disease..... 390-398	7,795	5	2	11	83	153	354	885	1,722	2,458	1,568	554	-
Hypertensive heart disease..... 402	20,992	1	-	1	14	144	485	1,606	3,467	5,468	6,050	3,742	14
Hypertensive heart and renal disease..... 404	3,649	-	-	2	4	17	45	103	296	787	1,276	1,118	1
Ischemic heart disease..... 410-414	551,365	23	9	13	146	1,289	7,568	31,211	81,722	142,119	169,062	118,112	91

Table 9. Deaths from 72 selected causes by age: United States, 1979—Con.

<i>Cause of death</i> (Ninth Revision International Classification of Diseases, 1975)	<i>All ages</i>	<i>Under 1 year</i>	<i>1-4 years</i>	<i>5-14 years</i>	<i>15-24 years</i>	<i>25-34 years</i>	<i>35-44 years</i>	<i>45-54 years</i>	<i>55-64 years</i>	<i>65-74 years</i>	<i>75-84 years</i>	<i>85 years and over</i>	<i>Not stated</i>
Major cardiovascular diseases—Con.													
Diseases of heart—Con.													
Ischemic heart disease—Con.													
Acute myocardial infarction 410	300,462	13	5	10	97	877	5,310	21,694	55,524	88,526	86,262	42,102	42
Other acute and subacute forms of ischemic heart disease 411	4,762	3	-	-	7	33	124	467	1,035	1,264	1,163	664	2
Angina pectoris 413	500	1	-	-	1	3	13	26	64	131	161	100	-
Old myocardial infarction and other forms of chronic ischemic heart disease 412, 414	245,641	6	4	3	41	376	2,121	9,024	25,099	52,198	81,476	75,246	47
Other diseases of endocardium 424	6,492	12	6	13	53	88	154	345	925	1,772	2,088	1,034	2
All other forms of heart disease 415-423, 425-429	142,942	652	248	249	817	1,349	2,774	8,198	18,904	31,415	42,240	36,061	35
Hypertension with or without renal disease 401, 403	7,275	4	5	5	11	49	149	393	880	1,594	2,241	1,943	1
Cerebrovascular diseases 430-438	169,488	156	40	104	379	947	2,277	6,061	14,610	34,807	60,324	49,760	23
Intracerebral and other intracranial hemorrhage 431-432	21,755	109	13	42	139	289	779	2,047	3,533	5,651	5,895	3,252	6
Cerebral thrombosis and unspecified occlusion of cerebral arteries 434.0, 434.9	35,717	11	12	9	21	54	149	642	2,388	6,847	13,634	11,948	2
Cerebral embolism 434.1	850	-	-	-	3	8	11	39	94	224	303	168	-
All other and late effects of cerebrovascular diseases 430, 433, 435-438	111,166	36	15	53	216	596	1,338	3,333	8,595	22,085	40,492	34,392	15
Atherosclerosis 440	28,801	3	-	-	1	5	37	208	1,023	3,736	9,525	14,260	3
Other diseases of arteries, arterioles, and capillaries 441-448	19,483	16	11	19	96	168	265	820	2,861	6,152	6,146	2,926	3
Acute bronchitis and bronchiolitis 466	554	94	34	10	7	16	10	26	45	90	111	110	1
Pneumonia and influenza 480-487	45,030	1,129	258	212	341	524	813	1,634	3,511	7,337	13,995	15,266	10
Pneumonia 480-486	44,426	1,120	250	204	332	516	807	1,624	3,483	7,253	13,826	15,001	10
Influenza 487	604	9	8	8	9	8	6	10	28	84	169	265	-
Chronic obstructive pulmonary diseases and allied conditions 490-496	49,933	66	61	57	132	176	425	2,136	8,626	17,946	15,245	5,058	5
Bronchitis, chronic and unspecified 490-491	3,650	57	37	14	14	17	27	137	597	1,159	1,085	505	1
Emphysema 492	13,569	2	2	1	4	19	93	618	2,463	5,149	4,060	1,157	1
Asthma 493	2,598	5	19	39	99	111	157	282	502	695	499	190	-
Other chronic obstructive pulmonary diseases and allied conditions 494-496	30,116	2	3	3	15	29	148	1,099	5,064	10,943	9,601	3,206	3
Ulcer of stomach and duodenum 531-533	5,902	16	3	3	29	61	163	408	835	1,428	1,773	1,182	1
Appendicitis 540-543	682	6	7	29	26	17	23	50	107	163	164	90	-
Hernia of abdominal cavity and intestinal obstruction without mention of hernia 550-553, 560	5,349	171	25	20	46	60	85	216	498	1,093	1,723	1,411	1
Chronic liver disease and cirrhosis 571	29,720	34	10	15	94	1,224	3,490	7,116	8,771	6,410	2,149	397	10
Cholelithiasis and other disorders of gallbladder 574-575	3,139	5	1	-	5	27	40	118	319	747	1,047	830	-
Nephritis, nephrotic syndrome, and nephrosis 580-589	15,729	219	29	54	133	267	379	847	1,833	3,639	4,917	3,410	2
Acute glomerulonephritis and nephrotic syndrome 580-581	338	7	9	3	10	3	11	18	34	80	107	56	-
Chronic glomerulonephritis, nephritis and nephropathy, not specified as acute or chronic, and renal sclerosis, unspecified 582-583, 587	2,363	6	2	13	32	67	76	137	257	573	715	485	-

Renal failure, disorders resulting from impaired renal function, and small kidney of unknown cause..... 584-586, 588-589	13,028	206	18	38	91	197	292	692	1,542	2,986	4,095	2,869	2
Infections of kidney..... 590	2,868	9	1	2	18	23	41	100	213	570	1,008	883	-
Hyperplasia of prostate..... 600	810	-	-	-	-	-	-	2	26	161	335	286	-
Complications of pregnancy, childbirth, and the puerperium..... 630-676	336	...	...	2	122	147	60	5	...	...	...	...	-
Pregnancy with abortive outcome..... 630-638	61	...	...	-	26	28	7	-	...	...	...	...	-
Other complications of pregnancy, childbirth, and the puerperium..... 640-676	275	...	...	2	96	119	53	5	...	...	...	...	-
Congenital anomalies..... 740-759	13,526	8,923	1,021	578	576	415	359	410	451	412	258	115	8
Certain conditions originating in the perinatal period..... 760-779	23,448	23,322	75	8	7	3	5	2	3	1	1	1	20
Birth trauma, intrauterine hypoxia, birth asphyxia, and respiratory distress syndrome..... 767-769	8,017	7,980	20	5	5	2	2	-	1	-	-	-	2
Other conditions originating in the perinatal period..... 760-766, 770-779	15,431	15,342	55	3	2	1	3	2	2	1	1	1	18
Symptoms, signs, and ill-defined conditions..... 780-799	27,578	5,899	259	123	885	1,215	1,141	2,006	3,359	4,657	4,490	3,454	90
All other diseases..... Residual	107,385	2,166	1,048	1,238	2,482	3,612	4,765	8,801	15,570	23,400	26,687	17,593	23
Accidents and adverse effects..... E800-E949	105,312	1,080	3,349	5,689	26,574	16,452	9,645	9,026	9,320	9,013	8,955	6,064	145
Motor vehicle accidents..... E810-E825	53,524	222	1,239	2,952	19,369	10,372	5,286	4,257	3,905	3,171	2,179	537	35
All other accidents and adverse effects..... E800-E807, E826-E949	51,788	858	2,110	2,737	7,205	6,080	4,359	4,769	5,415	5,842	6,776	5,527	110
Suicide..... E950-E959	27,206	...	...	152	5,246	5,857	3,876	3,789	3,568	2,730	1,577	394	17
Homicide and legal intervention..... E960-E978	22,550	170	314	394	6,156	6,545	3,585	2,488	1,512	835	364	110	77
All other external causes..... E980-E999	3,877	85	95	100	778	870	550	531	413	244	136	57	18

Table 10. Death rates for 72 selected causes by age: United States, 1979

[Rates per 100,000 population in specified group]

<i>Cause of death</i> (Ninth Revision International Classification of Diseases, 1975)	<i>All ages</i> ¹	<i>Under 1 year</i>	<i>1-4 years</i>	<i>5-14 years</i>	<i>15-24 years</i>	<i>25-34 years</i>	<i>35-44 years</i>	<i>45-54 years</i>	<i>55-64 years</i>	<i>65-74 years</i>	<i>75-84 years</i>	<i>85 years and over</i>
All causes	869.5	1,391.8	65.6	32.2	117.7	137.5	230.2	589.4	1,369.6	2,941.7	6,998.5	14,096.3
Shigellosis and amebiasis.....004, 006	0.0	0.1	0.1	0.0	-	-	0.0	0.0	0.0	0.0	0.0	0.2
Certain other intestinal infections.....007-009	0.1	3.2	0.1	0.0	0.0	0.0	0.0	0.0	0.1	0.2	0.8	2.0
Tuberculosis.....010-018	0.9	0.0	0.1	0.0	0.0	0.2	0.5	1.1	1.8	3.2	6.2	9.3
Tuberculosis of respiratory system.....010-012	0.8	-	-	0.0	0.0	0.1	0.4	0.9	1.5	2.7	5.2	7.6
Other tuberculosis.....013-018	0.2	0.0	0.1	0.0	0.0	0.1	0.1	0.2	0.3	0.5	1.0	1.7
Whooping cough.....033	0.0	0.2	-	-	-	-	-	-	-	-	-	-
Streptococcal sore throat, scarlatina, and erysipelas.....034-035	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	-	0.0	0.1	0.1
Meningococcal infection.....036	0.2	2.7	0.9	0.1	0.1	0.1	0.1	0.1	0.2	0.2	0.1	0.3
Septicemia.....038	3.6	8.0	0.5	0.1	0.2	0.4	0.8	2.2	5.0	12.4	32.0	66.3
Acute poliomyelitis.....045	0.0	-	-	-	-	0.0	-	0.0	0.0	-	-	-
Measles.....055	0.0	-	-	-	0.0	0.0	-	0.0	0.0	-	-	-
Viral hepatitis.....070	0.3	0.4	0.1	0.0	0.2	0.3	0.3	0.4	0.7	0.9	1.2	1.3
Syphilis.....090-097	0.1	0.2	0.0	-	0.0	0.0	0.0	0.0	0.1	0.4	0.7	1.1
All other infectious and parasitic diseases.....001-003, 005, 020-032, 037, 039-041, 046-054, 056-066, 071-088, 098-139	1.6	6.8	0.8	0.4	0.4	0.6	0.9	1.6	3.1	4.6	8.2	11.9
Malignant neoplasms, including neoplasms of lymphatic and hematopoietic tissues.....140-208	183.3	3.5	4.7	4.5	6.2	13.7	48.4	181.3	439.5	803.4	1,300.9	1,434.7
Malignant neoplasms of lip, oral cavity, and pharynx.....140-149	3.9	-	0.0	0.0	0.1	0.2	1.1	5.5	12.1	16.3	19.5	22.3
Malignant neoplasms of digestive organs and peritoneum.....150-159	49.6	0.3	0.1	0.1	0.4	1.8	8.3	36.2	106.4	222.9	418.7	516.1
Malignant neoplasms of respiratory and intrathoracic organs.....160-165	46.9	0.0	0.0	0.0	0.1	0.9	9.8	56.0	144.3	232.0	256.5	160.4
Malignant neoplasm of breast.....174-175	15.7	-	-	-	0.0	1.7	9.1	25.2	42.3	56.9	83.4	107.6
Malignant neoplasms of genital organs.....179-187	20.6	0.0	0.0	0.1	0.5	1.6	4.7	14.5	36.5	88.7	189.7	237.4
Malignant neoplasms of urinary organs.....188-189	7.9	0.2	0.2	0.2	0.1	0.2	1.1	5.7	15.5	34.8	70.7	91.4
Malignant neoplasms of all other and unspecified sites.....170-173, 190-199	22.1	1.7	2.3	1.8	2.3	3.8	8.6	24.0	50.9	86.8	140.3	165.6
Leukemia.....204-208	7.3	1.0	1.7	1.9	1.8	1.7	2.7	5.5	11.6	25.5	54.2	71.7
Other malignant neoplasms of lymphatic and hematopoietic tissues.....200-203	9.3	0.2	0.3	0.4	0.9	1.9	3.1	8.6	20.0	39.6	67.9	62.2
Benign neoplasms, carcinoma in situ, and neoplasms of uncertain behavior and of unspecified nature.....210-239	2.7	1.5	0.4	0.3	0.3	0.6	1.0	2.2	5.0	10.1	19.7	27.6
Diabetes mellitus.....250	15.1	0.1	0.1	0.1	0.4	1.5	3.6	9.0	26.4	61.5	140.4	199.3
Nutritional deficiencies.....260-269	1.0	1.4	0.0	0.0	0.0	0.1	0.1	0.3	0.8	2.2	9.9	35.4
Anemias.....280-285	1.4	1.1	0.6	0.2	0.4	0.4	0.5	0.6	1.3	3.7	12.4	31.2
Meningitis.....320-322	0.6	13.4	1.5	0.2	0.1	0.1	0.3	0.4	0.7	1.1	1.7	2.0
Major cardiovascular diseases.....390-448	435.4	26.6	2.6	1.2	3.9	12.1	56.3	217.1	603.3	1,508.0	4,260.3	9,841.8
Diseases of heart.....390-398, 402, 404-429	333.1	21.1	2.1	0.8	2.7	8.7	45.4	184.5	510.9	1,204.9	3,151.2	6,887.7
Rheumatic fever and rheumatic heart disease.....390-398	3.5	0.2	0.0	0.0	0.2	0.4	1.4	3.9	8.2	16.1	22.2	23.8
Hypertensive heart disease.....402	9.5	0.0	-	0.0	0.0	0.4	1.9	7.0	16.5	35.8	85.8	160.5
Hypertensive heart and renal disease.....404	1.7	-	-	0.0	0.0	0.0	0.2	0.4	1.4	5.2	18.1	47.9
Ischemic heart disease.....410-414	250.5	0.7	0.1	0.0	0.4	3.7	30.2	136.0	390.0	930.6	2,396.7	5,064.8
Acute myocardial infarction.....410	136.5	0.4	0.0	0.0	0.2	2.5	21.2	94.5	265.0	579.7	1,222.9	1,805.4
Other acute and subacute forms of ischemic heart disease.....411	2.2	0.1	-	-	0.0	0.1	0.5	2.0	4.9	8.3	16.5	28.5
Angina pectoris.....413	0.2	0.0	-	-	0.0	0.0	0.1	0.1	0.3	0.9	2.3	4.3
Old myocardial infarction and other forms of chronic ischemic heart disease.....412, 414	111.6	0.2	0.0	0.0	0.1	1.1	8.5	39.3	119.8	341.8	1,155.0	3,226.7
Other diseases of endocardium.....424	2.9	0.4	0.0	0.0	0.1	0.3	0.6	1.5	4.4	11.6	29.6	44.3
All other forms of heart disease.....415-423, 425-429	64.9	19.9	2.0	0.7	2.0	3.9	11.1	35.7	90.2	205.7	598.8	1,546.4

Hypertension with or without renal disease.	401, 403	3.3	0.1	0.0	0.0	0.0	0.1	0.6	1.7	4.2	10.4	31.8	83.3
Cerebrovascular diseases	430-438	77.0	4.8	0.3	0.3	0.9	2.7	9.1	26.4	69.7	227.9	855.2	2,133.8
Intracerebral and other intracranial hemorrhage	431-432	9.9	3.3	0.1	0.1	0.3	0.8	3.1	8.9	16.9	37.0	83.6	139.5
Cerebral thrombosis and unspecified occlusion of cerebral arteries	434.0, 434.9	16.2	0.3	0.1	0.0	0.1	0.2	0.6	2.8	11.4	44.8	193.3	512.3
Cerebral embolism.	434.1	0.4	-	-	-	0.0	0.0	0.0	0.2	0.4	1.5	4.3	7.2
All other and late effects of cerebrovascular diseases	430, 433, 435-438	50.5	1.1	0.1	0.2	0.5	1.7	5.3	14.5	41.0	144.6	574.0	1,474.8
Atherosclerosis	440	13.1	0.1	-	-	0.0	0.0	0.1	0.9	4.9	24.5	135.0	611.5
Other diseases of arteries, arterioles, and capillaries	441-448	8.9	0.5	0.1	0.1	0.2	0.5	1.1	3.6	13.7	40.3	87.1	125.5
Acute bronchitis and bronchiolitis.	466	0.3	2.9	0.3	0.0	0.0	0.0	0.0	0.1	0.2	0.6	1.6	4.7
Pneumonia and influenza	480-487	20.5	34.4	2.1	0.6	0.8	1.5	3.2	7.1	16.8	48.0	198.4	654.6
Pneumonia	480-486	20.2	34.1	2.0	0.6	0.8	1.5	3.2	7.1	16.6	47.5	196.0	643.3
Influenza	487	0.3	0.3	0.1	0.0	0.0	0.0	0.0	0.0	0.1	0.6	2.4	11.4
Chronic obstructive pulmonary diseases and allied conditions	490-496	22.7	2.0	0.5	0.2	0.3	0.5	1.7	9.3	41.2	117.5	216.1	216.9
Bronchitis, chronic and unspecified.	490-491	1.7	1.7	0.3	0.0	0.0	0.0	0.1	0.6	2.8	7.6	15.4	21.7
Emphysema.	492	6.2	0.1	0.0	0.0	0.0	0.1	0.4	2.7	11.8	33.7	57.6	49.6
Asthma	493	1.2	0.2	0.2	0.1	0.2	0.3	0.6	1.2	2.4	4.6	7.1	8.1
Other chronic obstructive pulmonary diseases and allied conditions	494-496	13.7	0.1	0.0	0.0	0.0	0.1	0.6	4.8	24.2	71.7	136.1	137.5
Ulcer of stomach and duodenum.	531-533	2.7	0.5	0.0	0.0	0.1	0.2	0.7	1.8	4.0	9.4	25.1	50.7
Appendicitis.	540-543	0.3	0.2	0.1	0.1	0.1	0.0	0.1	0.2	0.5	1.1	2.3	3.9
Hernia of abdominal cavity and intestinal obstruction without mention of hernia.	550-553, 560	2.4	5.2	0.2	0.1	0.1	0.2	0.3	0.9	2.4	7.2	24.4	60.5
Chronic liver disease and cirrhosis	571	13.5	1.0	0.1	0.0	0.2	3.5	13.9	31.0	41.9	42.0	30.5	17.0
Cholelithiasis and other disorders of gallbladder	574-575	1.4	0.2	0.0	-	0.0	0.1	0.2	0.5	1.5	4.9	14.8	35.6
Nephritis, nephrotic syndrome, and nephrosis	580-589	7.1	6.7	0.2	0.2	0.3	0.8	1.5	3.7	8.7	23.8	69.7	146.2
Acute glomerulonephritis and nephrotic syndrome.	580-581	0.2	0.2	0.1	0.0	0.0	0.0	0.0	0.1	0.2	0.5	1.5	2.4
Chronic glomerulonephritis, nephritis and nephropathy, not specified as acute or chronic, and renal sclerosis, unspecified	582-583, 587	1.1	0.2	0.0	0.0	0.1	0.2	0.3	0.6	1.2	3.8	10.1	20.8
Renal failure, disorders resulting from impaired renal function, and small kidney of unknown cause	584-586, 588-589	5.9	6.3	0.1	0.1	0.2	0.6	1.2	3.0	7.4	19.6	58.1	123.0
Infections of kidney	590	1.3	0.3	0.0	0.0	0.0	0.1	0.2	0.4	1.0	3.7	14.3	37.9
Hyperplasia of prostate	600	0.4	-	-	-	-	-	-	0.0	0.1	1.1	4.7	12.3
Complications of pregnancy, childbirth, and the puerperium	630-676	0.2	...	...	0.0	0.3	0.4	0.2	0.0	...	...	...	...
Pregnancy with abortive outcome	630-638	0.0	...	...	-	0.1	0.1	0.0	-	...	...	...	...
Other complications of pregnancy, childbirth, and the puerperium.	640-676	0.1	...	...	0.0	0.2	0.3	0.2	0.0	...	...	...	...
Congenital anomalies	740-759	6.1	272.0	8.3	1.7	1.4	1.2	1.4	1.8	2.2	2.7	3.7	4.9
Certain conditions originating in the perinatal period.	760-779	10.7	710.8	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Birth trauma, intrauterine hypoxia, birth asphyxia, and respiratory distress syndrome	767-769	3.6	243.2	0.2	0.0	0.0	0.0	0.0	-	0.0	-	-	-
Other conditions originating in the perinatal period	760-766, 770-779	7.0	467.6	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Symptoms, signs, and ill-defined conditions.	780-799	12.5	179.8	2.1	0.4	2.1	3.5	4.6	8.7	16.0	30.5	63.7	148.1
All other diseases	Residual	48.8	66.0	8.5	3.6	6.0	10.4	19.0	38.3	74.3	153.2	378.3	754.4
Accidents and adverse effects	E800-E949	47.8	32.9	27.1	16.5	64.2	47.2	38.5	39.3	44.5	59.0	126.9	260.0
Motor vehicle accidents	E810-E825	24.3	6.8	10.0	8.5	46.8	29.8	21.1	18.5	18.6	20.8	30.9	23.0
All other accidents and adverse effects	E800-E807, E826-E949	23.5	26.2	17.1	7.9	17.4	17.4	17.4	20.8	25.8	38.3	96.1	237.0
Suicide	E950-E959	12.4	...	...	0.4	12.7	16.8	15.5	16.5	17.0	17.9	22.4	16.9
Homicide and legal intervention	E960-E978	10.2	5.2	2.5	1.1	14.9	18.8	14.3	10.8	7.2	5.5	5.2	4.7
All other external causes	E980-E999	1.8	2.6	0.8	0.3	1.9	2.5	2.2	2.3	2.0	1.6	1.9	2.4

¹Figures for age not stated included in "All ages" but not distributed among age groups.

Table 11. Deaths from 72 selected causes by race and sex: United States, 1979

Cause of death (Ninth Revision International Classification of Diseases, 1975)	All races			White			All other					
	Both sexes	Male	Female	Both sexes	Male	Female	Total			Black		
							Both sexes	Male	Female	Both sexes	Male	Female
All causes	1,913,841	1,044,959	868,882	1,676,145	910,137	766,008	237,696	134,822	102,874	220,818	124,433	96,385
Shigellosis and amebiasis..... 004, 006	38	26	12	29	22	7	9	4	5	6	3	3
Certain other intestinal infections..... 007-009	298	143	155	228	107	121	70	36	34	65	35	30
Tuberculosis..... 010-018	2,007	1,371	636	1,294	909	385	713	462	251	643	423	220
Tuberculosis of respiratory system..... 010-012	1,657	1,205	452	1,106	812	294	551	393	158	504	363	141
Other tuberculosis..... 013-018	350	166	184	188	97	91	162	69	93	139	60	79
Whooping cough..... 033	6	-	6	4	-	4	2	-	2	2	-	2
Streptococcal sore throat, scarlatina, and erysipelas..... 034-035	25	14	11	23	12	11	2	2	-	2	2	-
Meningococcal infection..... 036	404	234	170	310	179	131	94	55	39	83	49	34
Septicemia..... 038	8,024	3,972	4,052	6,376	3,121	3,255	1,648	851	797	1,561	797	764
Acute poliomyelitis..... 045	4	4	-	4	4	-	-	-	-	-	-	-
Measles..... 055	6	2	4	5	2	3	1	-	1	1	-	1
Viral hepatitis..... 070	753	399	354	594	310	284	159	89	70	127	60	67
Syphilis..... 090-097	180	107	73	101	60	41	79	47	32	76	45	31
All other infectious and parasitic diseases... 001-003, 005, 020-032, 037, 039-041, 046-054, 056-066, 071-088, 098-139	3,615	1,893	1,722	2,932	1,553	1,379	683	340	343	607	299	308
Malignant neoplasms, including neoplasms of lymphatic and hematopoietic tissues..... 140-208	403,395	220,015	183,380	357,336	193,444	163,892	46,059	26,571	19,488	42,981	24,831	18,150
Malignant neoplasms of lip, oral cavity, and pharynx..... 140-149	8,589	5,877	2,712	7,307	4,914	2,393	1,282	963	319	1,204	900	304
Malignant neoplasms of digestive organs and peritoneum..... 150-159	109,125	57,320	51,805	95,783	49,858	45,925	13,342	7,462	5,880	12,214	6,790	5,424
Malignant neoplasms of respiratory and intrathoracic organs..... 160-165	103,178	76,542	26,636	91,638	67,575	24,063	11,540	8,967	2,573	10,844	8,476	2,368
Malignant neoplasm of breast..... 174-175	34,622	222	34,400	31,364	187	31,177	3,258	35	3,223	3,086	34	3,052
Malignant neoplasms of genital organs... 179-187	45,402	23,017	22,385	38,778	19,332	19,446	6,624	3,685	2,939	6,317	3,563	2,754
Malignant neoplasms of urinary organs... 188-189	17,443	11,509	5,934	15,966	10,620	5,346	1,477	889	588	1,367	829	538
Malignant neoplasms of all other and unspecified sites..... 170-173, 190-199	48,591	25,702	22,889	43,431	22,966	20,465	5,160	2,736	2,424	4,838	2,566	2,272
Leukemia..... 204-208	15,988	8,893	7,095	14,607	8,138	6,469	1,381	755	626	1,262	677	585
Other malignant neoplasms of lymphatic and hematopoietic tissues..... 200-203	20,457	10,933	9,524	18,462	9,854	8,608	1,995	1,079	916	1,849	996	853
Benign neoplasms, carcinoma in situ, and neoplasms of uncertain behavior and of unspecified nature... 210-239	5,904	2,704	3,200	5,201	2,406	2,795	703	298	405	654	276	378
Diabetes mellitus..... 250	33,192	13,795	19,397	27,624	11,688	15,936	5,568	2,107	3,461	5,174	1,915	3,259
Nutritional deficiencies..... 260-269	2,210	927	1,283	1,862	750	1,112	348	177	171	325	165	160
Anemias..... 280-285	3,171	1,475	1,696	2,504	1,163	1,341	667	312	355	637	298	339
Meningitis..... 320-322	1,393	765	628	951	521	430	442	244	198	404	222	182
Major cardiovascular diseases..... 390-448	958,282	494,234	464,048	858,837	442,842	415,995	99,445	51,392	48,053	93,369	47,665	45,704
Diseases of heart..... 390-398, 402, 404-429	733,235	396,372	336,863	660,154	357,378	302,776	73,081	38,994	34,087	68,579	36,122	32,457
Rheumatic fever and rheumatic heart disease..... 390-398	7,795	2,651	5,144	7,195	2,414	4,781	600	237	363	531	211	320
Hypertensive heart disease..... 402	20,992	8,902	12,090	15,518	6,325	9,193	5,474	2,577	2,897	5,311	2,482	2,829
Hypertensive heart and renal disease..... 404	3,649	1,507	2,142	2,880	1,179	1,701	769	328	441	748	318	430
Ischemic heart disease..... 410-414	551,365	307,286	244,079	506,933	283,168	223,765	44,432	24,118	20,314	41,229	21,978	19,251
Acute myocardial infarction..... 410	300,462	181,054	119,408	277,070	167,890	109,180	23,392	13,164	10,228	21,714	12,016	9,698

Other acute and subacute forms of ischemic heart disease 411	4,762	2,992	1,770	4,020	2,532	1,488	742	460	282	709	435	274
Angina pectoris 413	500	262	238	446	241	205	54	21	33	50	19	31
Old myocardial infarction and other forms of chronic ischemic heart disease . . 412, 414	245,641	122,978	122,663	225,397	112,505	112,892	20,244	10,473	9,771	18,756	9,508	9,248
Other diseases of endocardium 424	6,492	3,395	3,097	5,846	3,057	2,789	646	338	308	588	300	288
All other forms of heart disease 415-423, 425-429	142,942	72,631	70,311	121,782	61,235	60,547	21,160	11,396	9,764	20,172	10,833	9,339
Hypertension with or without renal disease . . 401, 403	7,275	3,377	3,898	5,713	2,645	3,068	1,562	732	830	1,509	705	804
Cerebrovascular diseases 430-438	169,488	70,439	99,049	148,416	60,613	87,803	21,072	9,826	11,246	19,837	9,186	10,651
Intracerebral and other intracranial hemorrhage 431-432	21,755	9,933	11,822	18,091	8,029	10,062	3,664	1,904	1,760	3,400	1,763	1,637
Cerebral thrombosis and unspecified occlusion of cerebral arteries 434.0, 434.9	35,717	14,541	21,176	32,046	12,811	19,235	3,671	1,730	1,941	3,447	1,614	1,833
Cerebral embolism 434.1	850	316	534	779	284	495	71	32	39	67	30	37
All other and late effects of cerebrovascular diseases 430, 433, 435-438	111,166	45,649	65,517	97,500	39,489	58,011	13,666	6,160	7,506	12,923	5,779	7,144
Atherosclerosis 440	28,801	11,426	17,375	26,602	10,460	16,142	2,199	966	1,233	2,057	888	1,169
Other diseases of arteries, arterioles, and capillaries 441-448	19,483	12,620	6,863	17,952	11,746	6,206	1,531	874	657	1,387	764	623
Acute bronchitis and bronchiolitis 466	554	283	271	482	243	239	72	40	32	69	39	30
Pneumonia and influenza 480-487	45,030	23,725	21,305	39,803	20,544	19,259	5,227	3,181	2,046	4,740	2,884	1,856
Pneumonia 480-486	44,426	23,493	20,933	39,253	20,340	18,913	5,173	3,153	2,020	4,697	2,862	1,835
Influenza 487	604	232	372	550	204	346	54	28	26	43	22	21
Chronic obstructive pulmonary diseases and allied conditions 490-496	49,933	35,295	14,638	46,692	32,942	13,750	3,241	2,353	888	2,957	2,166	791
Bronchitis, chronic and unspecified 490-491	3,650	2,405	1,245	3,452	2,275	1,177	198	130	68	170	117	53
Emphysema 492	13,569	10,171	3,398	12,887	9,625	3,262	682	546	136	631	506	125
Asthma 493	2,598	1,133	1,465	2,095	898	1,197	503	235	268	470	214	256
Other chronic obstructive pulmonary diseases and allied conditions 494-496	30,116	21,586	8,530	28,258	20,144	8,114	1,858	1,442	416	1,686	1,329	357
Ulcer of stomach and duodenum 531-533	5,902	3,246	2,656	5,331	2,882	2,449	571	364	207	504	316	188
Appendicitis 540-543	682	373	309	539	292	247	143	81	62	136	75	61
Hernia of abdominal cavity and intestinal obstruction without mention of hernia 550-553, 560	5,349	2,146	3,203	4,675	1,801	2,874	674	345	329	641	332	309
Chronic liver disease and cirrhosis 571	29,720	19,369	10,351	24,639	16,104	8,535	5,081	3,265	1,816	4,567	2,954	1,613
Cholelithiasis and other disorders of gallbladder . . 574-575	3,139	1,383	1,756	2,867	1,266	1,601	272	117	155	226	91	135
Nephritis, nephrotic syndrome, and nephrosis . . . 580-589	15,729	8,260	7,469	12,534	6,630	5,904	3,195	1,630	1,565	3,018	1,525	1,493
Acute glomerulonephritis and nephrotic syndrome 580-581	338	182	156	291	157	134	47	25	22	44	24	20
Chronic glomerulonephritis, nephritis and nephropathy, not specified as acute or chronic, and renal sclerosis, unspecified 582-583, 587	2,363	1,244	1,119	1,847	972	875	516	272	244	484	252	232
Renal failure, disorders resulting from impaired renal function, and small kidney of unknown cause 584-586, 588-589	13,028	6,834	6,194	10,396	5,501	4,895	2,632	1,333	1,299	2,490	1,249	1,241
Infections of kidney 590	2,868	1,095	1,773	2,493	935	1,558	375	160	215	350	153	197
Hyperplasia of prostate 600	810	810	...	703	703	...	107	107	...	103	103	...
Complications of pregnancy, childbirth, and the puerperium 630-676	336	...	336	180	...	180	156	...	156	145	...	145
Pregnancy with abortive outcome 630-638	61	...	61	27	...	27	34	...	34	30	...	30
Other complications of pregnancy, childbirth, and the puerperium 640-676	275	...	275	153	...	153	122	...	122	115	...	115
Congenital anomalies 740-759	13,526	7,309	6,217	11,222	6,106	5,116	2,304	1,203	1,101	2,040	1,068	972
Certain conditions originating in the perinatal period 760-779	23,448	13,350	10,098	16,034	9,262	6,772	7,414	4,088	3,326	7,024	3,871	3,153
Birth trauma, intrauterine hypoxia, birth asphyxia, and respiratory distress syndrome 767-769	8,017	4,767	3,250	5,804	3,488	2,316	2,213	1,279	934	2,067	1,193	874

Table 11. Deaths from 72 selected causes by race and sex: United States, 1979—Con.

Cause of death (Ninth Revision International Classification of Diseases, 1975)	All races			White			All other						
	Both sexes	Male	Female	Both sexes	Male	Female	Total			Black			
							Both sexes	Male	Female	Both sexes	Male	Female	
Certain conditions originating in the perinatal period—Con.													
Other conditions originating in the perinatal period 760–766, 770–779	15,431	8,583	6,848	10,230	5,774	4,456	5,201	2,809	2,392	4,957	2,678	2,279	
Symptoms, signs, and ill-defined conditions. 780–799	27,578	16,012	11,566	19,898	11,599	8,299	7,680	4,413	3,267	7,242	4,163	3,079	
All other diseases Residual	107,385	55,248	52,137	91,332	46,363	44,969	16,053	8,885	7,168	14,848	8,145	6,703	
Accidents and adverse effects E800–E949	105,312	74,403	30,909	90,310	63,460	26,850	15,002	10,943	4,059	13,000	9,489	3,511	
Motor vehicle accidents E810–E825	53,524	39,309	14,215	47,248	34,579	12,669	6,276	4,730	1,546	5,132	3,929	1,203	
All other accidents and adverse effects. E800–E807, E826–E949	51,788	35,094	16,694	43,062	28,881	14,181	8,726	6,213	2,513	7,868	5,560	2,308	
Suicide. E950–E959	27,206	20,256	6,950	24,945	18,504	6,441	2,261	1,752	509	1,812	1,428	384	
Homicide and legal intervention E960–E978	22,550	17,628	4,922	12,334	9,392	2,942	10,216	8,236	1,980	9,812	7,938	1,874	
All other external causes E980–E999	3,877	2,688	1,189	2,917	2,016	901	960	672	288	867	608	259	

Table 12. Death rates for 72 selected causes by race and sex: United States, 1979

[Rates per 100,000 population in specified group]

Cause of death (Ninth Revision International Classification of Diseases, 1975)	All races			White			All other					
	Both sexes	Male	Female	Both sexes	Male	Female	Total			Black		
							Both sexes	Male	Female	Both sexes	Male	Female
All causes	869.5	976.5	768.3	882.3	982.2	787.2	788.8	939.9	651.7	853.8	1,012.1	710.3
Shigellosis and amebiasis	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Certain other intestinal infections.....	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.3	0.2	0.3	0.3	0.2
Tuberculosis	0.9	1.3	0.6	0.7	1.0	0.4	2.4	3.2	1.6	2.5	3.4	1.6
Tuberculosis of respiratory system.....	0.8	1.1	0.4	0.6	0.9	0.3	1.8	2.7	1.0	1.9	3.0	1.0
Other tuberculosis	0.2	0.2	0.2	0.1	0.1	0.1	0.5	0.5	0.6	0.5	0.5	0.6
Whooping cough	0.0	-	0.0	0.0	-	0.0	0.0	-	0.0	0.0	-	0.0
Streptococcal sore throat, scarlatina, and erysipelas ...	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-	0.0	0.0	-
Meningococcal infection	0.2	0.2	0.2	0.2	0.2	0.1	0.3	0.4	0.2	0.3	0.4	0.3
Septicemia	3.6	3.7	3.6	3.4	3.4	3.3	5.5	5.9	5.0	6.0	6.5	5.6
Acute poliomyelitis	0.0	0.0	-	0.0	0.0	-	-	-	-	-	-	-
Measles.....	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-	0.0	0.0	-	0.0
Viral hepatitis	0.3	0.4	0.3	0.3	0.3	0.3	0.5	0.6	0.4	0.5	0.5	0.5
Syphilis.....	0.1	0.1	0.1	0.1	0.1	0.0	0.3	0.3	0.2	0.3	0.4	0.2
All other infectious and parasitic diseases.....	1.6	1.8	1.5	1.5	1.7	1.4	2.3	2.4	2.2	2.3	2.4	2.3
Malignant neoplasms, including neoplasms of lymphatic and hematopoietic tissues	183.3	205.6	162.1	188.1	208.8	168.4	152.9	185.2	123.5	166.2	202.0	133.8
Malignant neoplasms of lip, oral cavity, and pharynx	3.9	5.5	2.4	3.8	5.3	2.5	4.3	6.7	2.0	4.7	7.3	2.2
Malignant neoplasms of digestive organs and peritoneum	49.6	53.6	45.8	50.4	53.8	47.2	44.3	52.0	37.2	47.2	55.2	40.0
Malignant neoplasms of respiratory and intrathoracic organs	46.9	71.5	23.6	48.2	72.9	24.7	38.3	62.5	16.3	41.9	68.9	17.5
Malignant neoplasm of breast.....	15.7	0.2	30.4	16.5	0.2	32.0	10.8	0.2	20.4	11.9	0.3	22.5
Malignant neoplasms of genital organs	20.6	21.5	19.8	20.4	20.9	20.0	22.0	25.7	18.6	24.4	29.0	20.3
Malignant neoplasms of urinary organs	7.9	10.8	5.2	8.4	11.5	5.5	4.9	6.2	3.7	5.3	6.7	4.0
Malignant neoplasms of all other and unspecified sites.....	22.1	24.0	20.2	22.9	24.8	21.0	17.1	19.1	15.4	18.7	20.9	16.7
Leukemia	7.3	8.3	6.3	7.7	8.8	6.6	4.6	5.3	4.0	4.9	5.5	4.3
Other malignant neoplasms of lymphatic and hematopoietic tissues	9.3	10.2	8.4	9.7	10.6	8.8	6.6	7.5	5.8	7.1	8.1	6.3
Benign neoplasms, carcinoma in situ, and neoplasms of uncertain behavior and of unspecified nature	2.7	2.5	2.8	2.7	2.6	2.9	2.3	2.1	2.6	2.5	2.2	2.8
Diabetes mellitus	15.1	12.9	17.2	14.5	12.6	16.4	18.5	14.7	21.9	20.0	15.6	24.0
Nutritional deficiencies	1.0	0.9	1.1	1.0	0.8	1.1	1.2	1.2	1.1	1.3	1.3	1.2
Anemias	1.4	1.4	1.5	1.3	1.3	1.4	2.2	2.2	2.2	2.5	2.4	2.5
Meningitis	0.6	0.7	0.6	0.5	0.6	0.4	1.5	1.7	1.3	1.6	1.8	1.3
Major cardiovascular diseases.....	435.4	461.9	410.3	452.1	477.9	427.5	330.0	358.3	304.4	361.0	387.7	336.8
Diseases of heart.....	333.1	370.4	297.9	347.5	385.7	311.2	242.5	271.8	215.9	265.2	293.8	239.2
Rheumatic fever and rheumatic heart disease	3.5	2.5	4.5	3.8	2.6	4.9	2.0	1.7	2.3	2.1	1.7	2.4
Hypertensive heart disease.....	9.5	8.3	10.7	8.2	6.8	9.4	18.2	18.0	18.4	20.5	20.2	20.8
Hypertensive heart and renal disease	1.7	1.4	1.9	1.5	1.3	1.7	2.6	2.3	2.8	2.9	2.6	3.2
Ischemic heart disease	250.5	287.2	215.8	266.9	305.6	230.0	147.5	168.1	128.7	159.4	178.8	141.9
Acute myocardial infarction	136.5	169.2	105.6	145.9	181.2	112.2	77.6	91.8	64.8	84.0	97.7	71.5

Table 12. Death rates for 72 selected causes by race and sex: United States, 1979—Con.

[Rates per 100,000 population in specified group]

Cause of death (Ninth Revision International Classification of Diseases, 1975)	All races			White			All other						
	Both sexes	Male	Female	Both sexes	Male	Female	Total			Black			
							Both sexes	Male	Female	Both sexes	Male	Female	
Major cardiovascular diseases—Con.													
Diseases of heart—Con.													
Ischemic heart disease—Con.													
Other acute and subacute forms of ischemic heart disease 411	2.2	2.8	1.6	2.1	2.7	1.5	2.5	3.2	1.8	2.7	3.5	2.0	
Angina pectoris 413	0.2	0.2	0.2	0.2	0.3	0.2	0.2	0.1	0.2	0.2	0.2	0.2	
Old myocardial infarction and other forms of chronic ischemic heart disease 412, 414	111.6	114.9	108.5	118.6	121.4	116.0	67.2	73.0	61.9	72.5	77.3	68.2	
Other diseases of endocardium 424	2.9	3.2	2.7	3.1	3.3	2.9	2.1	2.4	2.0	2.3	2.4	2.1	
All other forms of heart disease 415–423, 425–429	64.9	67.9	62.2	64.1	66.1	62.2	70.2	79.4	61.9	78.0	88.1	68.8	
Hypertension with or without renal disease 401, 403	3.3	3.2	3.4	3.0	2.9	3.2	5.2	5.1	5.3	5.8	5.7	5.9	
Cerebrovascular diseases 430–438	77.0	65.8	87.6	78.1	65.4	90.2	69.9	68.5	71.2	76.7	74.7	78.5	
Intracerebral and other intracranial hemorrhage 431–432	9.9	9.3	10.5	9.5	8.7	10.3	12.2	13.3	11.1	13.1	14.3	12.1	
Cerebral thrombosis and unspecified occlusion of cerebral arteries 434.0, 434.9	16.2	13.6	18.7	16.9	13.8	19.8	12.2	12.1	12.3	13.3	13.1	13.5	
Cerebral embolism 434.1	0.4	0.3	0.5	0.4	0.3	0.5	0.2	0.2	0.2	0.3	0.2	0.3	
All other and late effects of cerebrovascular diseases 430, 433, 435–438	50.5	42.7	57.9	51.3	42.6	59.6	45.4	42.9	47.5	50.0	47.0	52.6	
Atherosclerosis 440	13.1	10.7	15.4	14.0	11.3	16.6	7.3	6.7	7.8	8.0	7.2	8.6	
Other diseases of arteries, arterioles, and capillaries 441–448	8.9	11.8	6.1	9.5	12.7	6.4	5.1	6.1	4.2	5.4	6.2	4.6	
Acute bronchitis and bronchiolitis 466	0.3	0.3	0.2	0.3	0.3	0.2	0.2	0.3	0.2	0.3	0.3	0.2	
Pneumonia and influenza 480–487	20.5	22.2	18.8	21.0	22.2	19.8	17.3	22.2	13.0	18.3	23.5	13.7	
Pneumonia 480–486	20.2	22.0	18.5	20.7	22.0	19.4	17.2	22.0	12.8	18.2	23.3	13.5	
Influenza 487	0.3	0.2	0.3	0.3	0.2	0.4	0.2	0.2	0.2	0.2	0.2	0.2	
Chronic obstructive pulmonary diseases and allied conditions 490–496	22.7	33.0	12.9	24.6	35.6	14.1	10.8	16.4	5.6	11.4	17.6	5.8	
Bronchitis, chronic and unspecified 490–491	1.7	2.2	1.1	1.8	2.5	1.2	0.7	0.9	0.4	0.7	1.0	0.4	
Emphysema 492	6.2	9.5	3.0	6.8	10.4	3.4	2.3	3.8	0.9	2.4	4.1	0.9	
Asthma 493	1.2	1.1	1.3	1.1	1.0	1.2	1.7	1.6	1.7	1.8	1.7	1.9	
Other chronic obstructive pulmonary diseases and allied conditions 494–496	13.7	20.2	7.5	14.9	21.7	8.3	6.2	10.1	2.6	6.5	10.8	2.6	
Ulcer of stomach and duodenum 531–533	2.7	3.0	2.3	2.8	3.1	2.5	1.9	2.5	1.3	1.9	2.6	1.4	
Appendicitis 540–543	0.3	0.3	0.3	0.3	0.3	0.3	0.5	0.6	0.4	0.5	0.6	0.4	
Hernia of abdominal cavity and intestinal obstruction without mention of hernia 550–553, 560	2.4	2.0	2.8	2.5	1.9	3.0	2.2	2.4	2.1	2.5	2.7	2.3	
Chronic liver disease and cirrhosis 571	13.5	18.1	9.2	13.0	17.4	8.8	16.9	22.8	11.5	17.7	24.0	11.9	
Cholelithiasis and other disorders of gallbladder 574–575	1.4	1.3	1.6	1.5	1.4	1.6	0.9	0.8	1.0	0.9	0.7	1.0	
Nephritis, nephrotic syndrome, and nephrosis 580–589	7.1	7.7	6.6	6.6	7.2	6.1	10.6	11.4	9.9	11.7	12.4	11.0	
Acute glomerulonephritis and nephrotic syndrome 580–581	0.2	0.2	0.1	0.2	0.2	0.1	0.2	0.2	0.1	0.2	0.2	0.1	
Chronic glomerulonephritis, nephritis and nephropathy, not specified as acute or chronic, and renal sclerosis, unspecified 582–583, 587	1.1	1.2	1.0	1.0	1.0	0.9	1.7	1.9	1.5	1.9	2.0	1.7	
Renal failure, disorders resulting from impaired renal function, and small kidney of unknown cause 584–586, 588–589	5.9	6.4	5.5	5.5	5.9	5.0	8.7	9.3	8.2	9.6	10.2	9.1	

Infections of kidney	590	1.3	1.0	1.6	1.3	1.0	1.6	1.2	1.1	1.4	1.4	1.2	1.5
Hyperplasia of prostate	600	0.4	0.8	...	0.4	0.8	...	0.4	0.7	...	0.4	0.8	...
Complications of pregnancy, childbirth, and the puerperium	630-676	0.2	...	0.3	0.1	...	0.2	0.5	...	1.0	0.6	...	1.1
Pregnancy with abortive outcome	630-638	0.0	...	0.1	0.0	...	0.0	0.1	...	0.2	0.1	...	0.2
Other complications of pregnancy, childbirth, and the puerperium	640-676	0.1	...	0.2	0.1	...	0.2	0.4	...	0.8	0.4	...	0.8
Congenital anomalies	740-759	6.1	6.8	5.5	5.9	6.6	5.3	7.6	8.4	7.0	7.9	8.7	7.2
Certain conditions originating in the perinatal period	760-779	10.7	12.5	8.9	8.4	10.0	7.0	24.6	28.5	21.1	27.2	31.5	23.2
Birth trauma, intrauterine hypoxia, birth asphyxia, and respiratory distress syndrome	767-769	3.6	4.5	2.9	3.1	3.8	2.4	7.3	8.9	5.9	8.0	9.7	6.4
Other conditions originating in the perinatal period	760-766, 770-779	7.0	8.0	6.1	5.4	6.2	4.6	17.3	19.6	15.2	19.2	21.8	16.8
Symptoms, signs, and ill-defined conditions	780-799	12.5	15.0	10.2	10.5	12.5	8.5	25.5	30.8	20.7	28.0	33.9	22.7
All other diseases	Residual	48.8	51.6	46.1	48.1	50.0	46.2	53.3	61.9	45.4	57.4	66.3	49.4
Accidents and adverse effects	E800-E949	47.8	69.5	27.3	47.5	68.5	27.6	49.8	76.3	25.7	50.3	77.2	25.9
Motor vehicle accidents	E810-E825	24.3	36.7	12.6	24.9	37.3	13.0	20.8	33.0	9.8	19.8	32.0	8.9
All other accidents and adverse effects	E800-E807, E826-E949	23.5	32.8	14.8	22.7	31.2	14.6	29.0	43.3	15.9	30.4	45.2	17.0
Suicide	E950-E959	12.4	18.9	6.1	13.1	20.0	6.6	7.5	12.2	3.2	7.0	11.6	2.8
Homicide and legal intervention	E960-E978	10.2	16.5	4.4	6.5	10.1	3.0	33.9	57.4	12.5	37.9	64.6	13.8
All other external causes	E980-E999	1.8	2.5	1.1	1.5	2.2	0.9	3.2	4.7	1.8	3.4	4.9	1.9

Table 13. Age-adjusted death rates for 72 selected causes by race and sex: United States, 1979

[Rates per 100,000 population in specified group. Computed by the direct method, using as the standard population the age distribution of the total population of the United States as enumerated in 1940]

Cause of death (Ninth Revision International Classification of Diseases, 1975)	All races			White			All other					
	Both sexes	Male	Female	Both sexes	Male	Female	Total			Black		
							Both sexes	Male	Female	Both sexes	Male	Female
All causes.....	588.8	780.3	433.5	563.4	751.1	412.2	776.3	1,002.3	589.2	840.1	1,090.4	636.1
Shigellosis and amebiasis..... 004, 006	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Certain other intestinal infections..... 007-009	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.2	0.2	0.2	0.3	0.2
Tuberculosis..... 010-018	0.7	1.1	0.4	0.4	0.8	0.2	2.5	3.7	1.6	2.7	4.0	1.6
Tuberculosis of respiratory system..... 010-012	0.5	0.9	0.3	0.4	0.7	0.2	2.0	3.1	1.0	2.1	3.4	1.0
Other tuberculosis..... 013-018	0.1	0.1	0.1	0.1	0.1	0.0	0.6	0.5	0.6	0.6	0.6	0.6
Whooping cough..... 033	0.0	-	0.0	0.0	-	0.0	0.0	-	0.0	0.0	-	0.0
Streptococcal sore throat, scarlatina, and erysipelas..... 034-035	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-	0.0	0.0	-
Meningococcal infection..... 036	0.2	0.2	0.2	0.2	0.2	0.2	0.3	0.4	0.2	0.3	0.4	0.2
Septicemia..... 038	2.4	2.8	2.0	2.0	2.4	1.8	5.2	6.2	4.4	5.7	6.8	4.9
Acute poliomyelitis..... 045	0.0	0.0	-	0.0	0.0	-	-	-	-	-	-	-
Measles..... 055	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-	0.0	0.0	-	0.0
Viral hepatitis..... 070	0.3	0.3	0.2	0.3	0.3	0.2	0.6	0.7	0.5	0.5	0.5	0.5
Syphilis..... 090-097	0.0	0.1	0.0	0.0	0.0	0.0	0.2	0.3	0.2	0.3	0.4	0.2
All other infectious and parasitic diseases... 001-003, 005, 020-032, 037, 039-041, 046-054, 056-066, 071-088, 098-139	1.4	1.6	1.2	1.2	1.4	1.0	2.4	2.6	2.2	2.5	2.7	2.3
Malignant neoplasms, including neoplasms of lymphatic and hematopoietic tissues..... 140-208	133.2	165.6	109.6	130.2	161.1	107.9	159.0	205.0	122.4	171.5	224.4	130.7
Malignant neoplasms of lip, oral cavity, and pharynx..... 140-149	3.0	4.7	1.6	2.8	4.2	1.6	4.8	8.1	2.2	5.3	8.7	2.4
Malignant neoplasms of digestive organs and peritoneum..... 150-159	33.8	42.4	27.1	32.5	40.7	26.2	45.3	57.7	35.2	47.9	61.5	37.0
Malignant neoplasms of respiratory and intrathoracic organs..... 160-165	35.8	59.3	17.3	35.1	57.8	17.3	41.6	71.6	17.1	45.1	78.8	18.1
Malignant neoplasm of breast..... 174-175	12.4	0.2	22.8	12.4	0.2	22.8	11.9	0.3	21.5	13.1	0.3	23.4
Malignant neoplasms of genital organs..... 179-187	13.9	15.1	14.1	13.1	14.0	13.5	21.6	25.7	18.9	23.8	29.7	20.2
Malignant neoplasms of urinary organs..... 188-189	5.3	8.3	3.1	5.4	8.5	3.0	4.9	6.7	3.5	5.3	7.4	3.7
Malignant neoplasms of all other and unspecified sites..... 170-173, 190-199	16.7	20.3	13.8	16.7	20.2	13.7	17.6	21.1	14.7	19.1	23.2	15.8
Leukemia..... 204-208	5.4	6.8	4.3	5.5	7.0	4.3	4.6	5.6	3.8	4.9	5.9	4.1
Other malignant neoplasms of lymphatic and hematopoietic tissues..... 200-203	6.9	8.5	5.5	6.9	8.6	5.5	6.8	8.3	5.6	7.3	9.0	6.0
Benign neoplasms, carcinoma in situ, and neoplasms of uncertain behavior and of unspecified nature... 210-239	2.0	2.1	1.9	1.9	2.0	1.8	2.4	2.3	2.5	2.6	2.5	2.7
Diabetes mellitus..... 250	10.0	10.2	9.8	9.0	9.5	8.6	18.5	16.2	20.3	19.9	17.3	21.9
Nutritional deficiencies..... 260-269	0.5	0.6	0.5	0.5	0.5	0.4	1.0	1.2	0.8	1.1	1.3	0.9
Anemias..... 280-285	1.0	1.1	0.8	0.8	0.9	0.7	2.2	2.2	2.1	2.4	2.5	2.3
Meningitis..... 320-322	0.6	0.7	0.5	0.4	0.5	0.4	1.4	1.6	1.2	1.5	1.7	1.2
Major cardiovascular diseases..... 390-448	259.3	347.0	189.5	252.6	342.7	181.1	313.6	382.0	257.7	342.9	418.6	282.1
Diseases of heart..... 390-398, 402, 404-429	203.5	282.5	140.3	199.8	281.2	134.8	232.8	291.9	184.5	254.3	319.0	202.2
Rheumatic fever and rheumatic heart disease..... 390-398	2.6	2.1	3.1	2.7	2.1	3.1	2.2	1.9	2.4	2.3	2.0	2.4
Hypertensive heart disease..... 402	6.1	6.7	5.6	4.7	5.1	4.3	18.5	20.2	16.9	20.8	22.9	19.0
Hypertensive heart and renal disease..... 404	0.9	1.0	0.8	0.7	0.8	0.7	2.4	2.4	2.4	2.7	2.7	2.7
Ischemic heart disease..... 410-414	152.8	219.0	99.9	153.9	223.3	98.6	140.4	180.0	108.2	151.7	193.6	118.0

Acute myocardial infarction	410	90.0	134.0	54.7	91.4	137.6	54.1	76.7	100.3	57.3	82.6	107.7	62.4
Other acute and subacute forms of ischemic heart disease	411	1.5	2.3	0.8	1.4	2.1	0.7	2.5	3.6	1.6	2.8	4.0	1.8
Angina pectoris	413	0.1	0.2	0.1	0.1	0.2	0.1	0.2	0.2	0.2	0.2	0.2	0.2
Old myocardial infarction and other forms of chronic ischemic heart disease	412, 414	61.1	82.6	44.3	61.0	83.3	43.6	61.1	75.9	49.1	66.1	81.8	53.6
Other diseases of endocardium	424	1.9	2.5	1.4	1.9	2.5	1.4	2.1	2.6	1.8	2.3	2.7	1.9
All other forms of heart disease	415-423, 425-429	39.1	51.3	29.5	35.9	47.4	26.7	67.2	84.8	52.8	74.5	95.1	58.2
Hypertension with or without renal disease	401, 403	1.9	2.3	1.7	1.6	1.9	1.3	5.1	5.5	4.8	5.7	6.2	5.4
Cerebrovascular diseases	430-438	42.5	46.7	39.2	39.8	43.8	36.8	65.1	71.9	59.4	71.5	79.8	64.7
Intracerebral and other intracranial hemorrhage	431-432	6.7	7.5	6.1	6.0	6.5	5.5	12.9	15.3	10.9	14.0	16.7	11.7
Cerebral thrombosis and unspecified occlusion of cerebral arteries	434.0, 434.9	8.3	9.3	7.5	8.0	8.9	7.3	10.7	12.3	9.4	11.8	13.7	10.3
Cerebral embolism	434.1	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.3	0.2
All other and late effects of cerebrovascular diseases	430, 433, 435-438	27.2	29.7	25.3	25.6	28.1	23.8	41.2	44.0	38.9	45.5	49.2	42.5
Atherosclerosis	440	5.7	6.6	5.1	5.7	6.7	5.1	5.6	6.2	5.2	6.2	6.9	5.7
Other diseases of arteries, arterioles, and capillaries	441-448	5.6	8.9	3.2	5.6	9.2	3.1	5.0	6.5	3.8	5.3	6.7	4.1
Acute bronchitis and bronchiolitis	466	0.2	0.2	0.1	0.1	0.2	0.1	0.2	0.2	0.2	0.2	0.3	0.2
Pneumonia and influenza	480-487	11.4	15.6	8.4	10.7	14.6	8.0	16.1	22.8	10.8	17.2	24.6	11.4
Pneumonia	480-486	11.2	15.4	8.2	10.5	14.5	7.8	16.0	22.6	10.7	17.1	24.4	11.3
Influenza	487	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.1	0.1	0.2	0.1
Chronic obstructive pulmonary diseases and allied conditions	490-496	14.9	24.7	7.9	15.3	25.5	8.1	10.7	17.5	5.5	11.5	19.1	5.7
Bronchitis, chronic and unspecified	490-491	1.0	1.7	0.6	1.1	1.8	0.7	0.6	0.9	0.4	0.6	1.0	0.3
Emphysema	492	4.1	7.2	1.9	4.3	7.5	2.0	2.3	4.1	0.9	2.5	4.5	0.9
Asthma	493	0.9	0.9	0.9	0.8	0.8	0.8	1.8	1.8	1.8	1.9	1.9	2.0
Other chronic obstructive pulmonary diseases and allied conditions	494-496	8.8	15.0	4.5	9.1	15.4	4.7	6.0	10.6	2.5	6.4	11.7	2.4
Ulcer of stomach and duodenum	531-533	1.7	2.3	1.2	1.7	2.2	1.2	1.9	2.8	1.2	2.0	2.9	1.2
Appendicitis	540-543	0.2	0.3	0.2	0.2	0.2	0.1	0.5	0.6	0.4	0.5	0.7	0.4
Hernia of abdominal cavity and intestinal obstruction without mention of hernia	550-553, 560	1.4	1.5	1.4	1.3	1.4	1.3	2.1	2.5	1.8	2.3	2.8	1.9
Chronic liver disease and cirrhosis	571	12.2	17.1	7.8	11.1	15.7	7.1	20.1	28.3	13.1	21.1	29.9	13.6
Cholelithiasis and other disorders of gallbladder	574-575	0.8	0.9	0.7	0.8	0.9	0.7	0.8	0.8	0.9	0.8	0.8	0.9
Nephritis, nephrotic syndrome, and nephrosis	580-589	4.4	5.7	3.6	3.8	5.0	3.0	10.2	11.8	9.0	11.3	13.2	9.8
Acute glomerulonephritis and nephrotic syndrome	580-581	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.2	0.1	0.2	0.2	0.1
Chronic glomerulonephritis, nephritis and nephropathy, not specified as acute or chronic, and renal sclerosis, unspecified	582-583, 587	0.7	0.9	0.5	0.6	0.8	0.4	1.6	2.0	1.3	1.8	2.2	1.5
Renal failure, disorders resulting from impaired renal function, and small kidney of unknown cause	584-586, 588-589	3.7	4.7	3.0	3.1	4.1	2.5	8.4	9.6	7.5	9.3	10.8	8.2
Infections of kidney	590	0.7	0.7	0.7	0.7	0.6	0.7	1.2	1.1	1.2	1.2	1.3	1.2
Hyperplasia of prostate	600	0.2	0.5	...	0.2	0.4	...	0.3	0.7	...	0.3	0.8	...
Complications of pregnancy, childbirth, and the puerperium	630-676	0.1	...	0.3	0.1	...	0.2	0.5	...	1.0	0.6	...	1.1
Pregnancy with abortive outcome	630-638	0.0	...	0.1	0.0	...	0.0	0.1	...	0.2	0.1	...	0.2
Other complications of pregnancy, childbirth, and the puerperium	640-676	0.1	...	0.3	0.1	...	0.2	0.4	...	0.8	0.5	...	0.8
Congenital anomalies	740-759	6.2	6.7	5.8	6.2	6.7	5.6	6.6	6.8	6.3	6.8	7.1	6.5
Certain conditions originating in the perinatal period	760-779	10.9	12.2	9.7	9.1	10.2	7.8	20.0	21.7	18.2	22.2	24.2	20.3

Table 13. Age-adjusted death rates for 72 selected causes by race and sex: United States, 1979—Con.
 [Rates per 100,000 population in specified group. Computed by the direct method, using as the standard population the age distribution of the total population of the United States as enumerated in 1940]

Cause of death (Ninth Revision International Classification of Diseases, 1975)	All races			White			All other					
							Total			Black		
	Both sexes	Male	Female	Both sexes	Male	Female	Both sexes	Male	Female	Both sexes	Male	Female
Certain conditions originating in the perinatal period—Con.												
Birth trauma, intrauterine hypoxia, birth asphyxia, and respiratory distress syndrome..... 767-769	3.7	4.3	3.1	3.3	3.8	2.7	6.0	6.8	5.1	6.5	7.5	5.6
Other conditions originating in the perinatal period..... 760-766, 770-779	7.2	7.8	6.6	5.8	6.4	5.2	14.0	14.9	13.1	15.7	16.7	14.7
Symptoms, signs, and ill-defined conditions..... 780-799	9.9	12.9	7.2	7.9	10.5	5.7	23.8	30.6	18.1	26.2	34.1	19.8
All other diseases..... Residual	34.1	41.9	27.9	31.5	38.6	25.8	54.0	67.9	42.6	58.5	73.6	46.2
Accidents and adverse effects..... E800-E949	43.7	66.2	22.4	42.9	64.5	22.0	50.5	80.5	24.6	51.3	82.3	24.6
Motor vehicle accidents..... E810-E825	23.7	35.8	12.1	24.3	36.2	12.6	21.5	34.8	9.9	20.6	34.2	8.9
All other accidents and adverse effects..... E800-E807, E826-E949	20.0	30.4	10.2	18.6	28.3	9.5	29.0	45.7	14.7	30.7	48.1	15.7
Suicide..... E950-E959	11.9	18.3	6.0	12.4	18.9	6.4	7.9	13.1	3.4	7.5	12.7	3.0
Homicide and legal intervention..... E960-E978	10.4	16.7	4.3	6.5	10.1	3.0	36.0	62.9	12.8	40.7	71.3	14.3
All other external causes..... E980-E999	1.7	2.5	1.0	1.5	2.1	0.9	3.3	5.1	1.9	3.5	5.4	2.0

Table 14. Deaths under 1 year and infant mortality rates for 61 selected causes by race: United States, 1979

[Rates per 100,000 live births in specified group]

Cause of death (Ninth Revision International Classification of Diseases, 1975)	All races	White	All other		All races	White	All other	
			Total	Black			Total	Black
	Number				Rate			
All causes	45,665	32,079	13,586	12,586	1,306.8	1,142.2	1,980.5	2,178.1
Certain intestinal infections	106	59	47	44	3.0	2.1	6.9	7.6
Whooping cough	6	4	2	2	0.2	0.1	0.3	0.3
Meningococcal infection	89	79	10	10	2.5	2.8	1.5	1.7
Septicemia	262	159	103	96	7.5	5.7	15.0	16.6
Viral diseases	155	116	39	34	4.4	4.1	5.7	5.9
Congenital syphilis	6	4	2	1	0.2	0.1	0.3	0.2
Remainder of infectious and parasitic diseases	87	62	25	21	2.5	2.2	3.6	3.6
Malignant neoplasms, including neoplasms of lymphatic and hematopoietic tissues	116	95	21	19	3.3	3.4	3.1	3.3
Benign neoplasms, carcinoma in situ, and neoplasms of uncertain behavior and of unspecified nature	48	41	7	7	1.4	1.5	1.0	1.2
Diseases of thymus gland	8	6	2	-	0.2	0.2	0.3	-
Cystic fibrosis	38	35	3	2	1.1	1.2	0.4	0.3
Diseases of blood and blood-forming organs	122	81	41	34	3.5	2.9	6.0	5.9
Meningitis	441	273	168	151	12.6	9.7	24.5	26.1
Other diseases of nervous system and sense organs	540	399	141	121	15.5	14.2	20.6	20.9
Acute upper respiratory infections	94	58	36	36	2.7	2.1	5.2	6.2
Bronchitis and bronchiolitis	151	104	47	44	4.3	3.7	6.9	7.6
Pneumonia and influenza	1,129	703	426	395	32.3	25.0	62.1	68.4
Pneumonia	1,120	699	421	391	32.1	24.9	61.4	67.7
Influenza	9	4	5	4	0.3	0.1	0.7	0.7
Remainder of diseases of respiratory system	515	332	183	170	14.7	11.8	26.7	29.4
Hernia of abdominal cavity and intestinal obstruction without mention of hernia	171	123	48	40	4.9	4.4	7.0	6.9
Gastritis, duodenitis, and noninfective enteritis and colitis	232	129	103	90	6.6	4.6	15.0	15.6
Remainder of diseases of digestive system	250	176	74	67	7.2	6.3	10.8	11.6
Congenital anomalies	8,923	7,288	1,635	1,434	255.4	259.5	238.3	248.2
Anencephalus and similar anomalies	775	698	77	59	22.2	24.9	11.2	10.2
Spina bifida	270	232	38	29	7.7	8.3	5.5	5.0
Congenital hydrocephalus	312	248	64	60	8.9	8.8	9.3	10.4
Other congenital anomalies of central nervous system and eye	313	249	64	57	9.0	8.9	9.3	9.9
Congenital anomalies of heart	2,867	2,341	526	464	82.0	83.4	76.7	80.3
Other congenital anomalies of circulatory system	854	640	214	188	24.4	22.8	31.2	32.5
Congenital anomalies of respiratory system	568	447	121	108	16.3	15.9	17.6	18.7
Congenital anomalies of digestive system	263	222	41	37	7.5	7.9	6.0	6.4
Congenital anomalies of genitourinary system	412	351	61	57	11.8	12.5	8.9	9.9
Congenital anomalies of musculoskeletal system	653	543	110	95	18.7	19.3	16.0	16.4
Down's syndrome	122	102	20	18	3.5	3.6	2.9	3.1
Other chromosomal anomalies	495	401	94	81	14.2	14.3	13.7	14.0
All other and unspecified congenital anomalies	1,019	814	205	181	29.2	29.0	29.9	31.3
Certain conditions originating in the perinatal period	23,322	15,933	7,389	7,002	667.4	567.3	1,077.1	1,211.7
Newborn affected by maternal conditions which may be unrelated to present pregnancy	126	82	44	42	3.6	2.9	6.4	7.3
Newborn affected by maternal complications of pregnancy	1,621	1,064	557	514	46.4	37.9	81.2	88.9
Newborn affected by complications of placenta, cord, and membranes	970	749	221	209	27.8	26.7	32.2	36.2
Newborn affected by other complications of labor and delivery	147	109	38	33	4.2	3.9	5.5	5.7
Slow fetal growth and fetal malnutrition	56	41	15	15	1.6	1.5	2.2	2.6
Disorders relating to short gestation and unspecified low birthweight	3,495	2,122	1,373	1,312	100.0	75.6	200.2	227.0
Disorders relating to long gestation and high birthweight	-	-	-	-	-	-	-	-
Birth trauma	1,129	810	319	296	32.3	28.8	46.5	51.2
Intrauterine hypoxia and birth asphyxia	1,393	964	429	389	39.9	34.3	62.5	67.3
Fetal distress in liveborn infant	287	202	85	69	8.2	7.2	12.4	11.9
Birth asphyxia	1,106	762	344	320	31.7	27.1	50.1	55.4
Respiratory distress syndrome	5,458	3,997	1,461	1,378	156.2	142.3	213.0	238.5
Other respiratory conditions of newborn	3,954	2,682	1,272	1,216	113.2	95.5	185.4	210.4

Table 14. Deaths under 1 year and infant mortality rates for 61 selected causes by race: United States, 1979—Con.

[Rates per 100,000 live births in specified group]

Cause of death (Ninth Revision International Classification of Diseases, 1975)	All races	White	All other		All races	White	All other		
			Total	Black			Total	Black	
	Number				Rate				
Certain conditions originating in the perinatal period—Con.									
Infections specific to the perinatal period 771	981	712	269	256	28.1	25.4	39.2	44.3	
Neonatal hemorrhage 772	924	671	253	237	26.4	23.9	36.9	41.0	
Hemolytic disease of newborn, due to isoimmunization, and other perinatal jaundice 773–774	95	75	20	19	2.7	2.7	2.9	3.3	
Syndrome of "infant of a diabetic mother" and neonatal diabetes mellitus 775.0–775.1	17	11	6	6	0.5	0.4	0.9	1.0	
Hemorrhagic disease of newborn 776.0	15	9	6	6	0.4	0.3	0.9	1.0	
All other and ill-defined conditions originating in the perinatal period 775.2–775.9, 776.1–779	2,941	1,835	1,106	1,074	84.2	65.3	161.2	185.9	
Symptoms, signs, and ill-defined conditions 780–799	5,899	3,835	2,064	1,879	168.8	136.6	300.9	325.2	
Sudden infant death syndrome 798.0	5,279	3,489	1,790	1,630	151.1	124.2	260.9	282.1	
Symptoms, signs, and all other ill-defined conditions 780–797, 798.1–799	620	346	274	249	17.7	12.3	39.9	43.1	
Accidents and adverse effects E800–E949	1,080	744	336	309	30.9	26.5	49.0	53.5	
Inhalation and ingestion of food or other object causing obstruction of respiratory tract or suffocation E911–E912	256	168	88	83	7.3	6.0	12.8	14.4	
Accidental mechanical suffocation E913	181	127	54	49	5.2	4.5	7.9	8.5	
Other accidental causes and adverse effects E800–E910, E914–E949	643	449	194	177	18.4	16.0	28.3	30.6	
Homicide E960–E969	170	96	74	70	4.9	3.4	10.8	12.1	
Child battering and other maltreatment E967	63	34	29	28	1.8	1.2	4.2	4.8	
Other homicide E960–E966, E968–E969	107	62	45	42	3.1	2.2	6.6	7.3	
All other causes Residual	1,705	1,145	560	508	48.8	40.8	81.6	87.9	

Table 15. Maternal deaths and maternal mortality rates for selected causes by race: United States, 1979

[Maternal deaths are those assigned to Complications of pregnancy, childbirth, and the puerperium, category numbers 630–676 of the Ninth Revision International Classification of Diseases, 1975. Rates per 100,000 live births in specified group]

Cause of death (Ninth Revision International Classification of Diseases, 1975)	All races	White	All other		All races	White	All other	
			Total	Black			Total	Black
	Number				Rate			
Complications of pregnancy, childbirth, and the puerperium 630–676	336	180	156	145	9.6	6.4	22.7	25.1
Pregnancy with abortive outcome 630–638	61	27	34	30	1.7	1.0	5.0	5.2
Ectopic pregnancy 633	45	20	25	22	1.3	0.7	3.6	3.8
Spontaneous abortion 634	2	2	-	-	0.1	0.1	-	-
Legally induced abortion 635	1	-	1	1	0.0	-	0.1	0.2
Illegally induced abortion 636	1	1	-	-	0.0	0.0	-	-
Other pregnancy with abortive outcome 630–632, 637–638	12	4	8	7	0.3	0.1	1.2	1.2
Direct obstetric causes 640–646, 651–676	264	149	115	108	7.6	5.3	16.8	18.7
Hemorrhage of pregnancy and childbirth 640–641, 666	47	30	17	15	1.3	1.1	2.5	2.6
Toxemia of pregnancy 642.4–642.9, 643	49	29	20	19	1.4	1.0	2.9	3.3
Obstructed labor 660	1	-	1	1	0.0	-	0.1	0.2
Complications of the puerperium 670–676	96	56	40	38	2.7	2.0	5.8	6.6
Other direct obstetric causes 642.0–642.3, 644–646, 651–659, 661–665, 667–669	71	34	37	35	2.0	1.2	5.4	6.1
Indirect obstetric causes 647–648	10	3	7	7	0.3	0.1	1.0	1.2
Delivery in a completely normal case 650	1	1	-	-	0.0	0.0	-	-

Table 16. Number of autopsies and percent of deaths for which autopsies were reported for 15 leading causes of death: United States, 1979

Rank Order	Cause of death (Ninth Revision International Classification of Diseases, 1975)	Total deaths	Reported autopsies	
			Number	Percent
...	All causes	1,913,841	294,182	15.4
1	Diseases of heart..... 390-398, 402, 404-429	733,235	73,148	10.0
2	Malignant neoplasms, including neoplasms of lymphatic and hematopoietic tissues 140-208	403,395	38,034	9.4
3	Cerebrovascular diseases..... 430-438	169,488	9,771	5.8
4	Accidents and adverse effects..... E800-E949	105,312	44,873	42.6
...	Motor vehicle accidents..... E810-E825	53,524	22,632	42.3
...	All other accidents and adverse effects..... E800-E807, E826-E949	51,788	22,241	42.9
5	Chronic obstructive pulmonary diseases and allied conditions..... 490-496	49,933	4,947	9.9
6	Pneumonia and influenza..... 480-487	45,030	7,873	17.5
7	Diabetes mellitus..... 250	33,192	2,457	7.4
8	Chronic liver disease and cirrhosis..... 571	29,720	8,482	28.5
9	Atherosclerosis..... 440	28,801	1,052	3.7
10	Suicide..... E950-E959	27,206	12,300	45.2
11	Certain conditions originating in the perinatal period..... 760-779	23,448	8,078	34.5
12	Homicide and legal intervention..... E960-E978	22,550	21,019	93.2
13	Nephritis, nephrotic syndrome, and nephrosis..... 580-589	15,729	1,859	11.8
14	Congenital anomalies..... 740-759	13,526	6,577	48.6
15	Septicemia..... 038	8,024	1,599	19.9
...	All other causes..... Residual	205,252	52,113	25.4

Table 17. Average number of deaths per day for selected causes by day of week: United States, 1979

[Includes deaths of nonresidents of the United States. Numbers after causes of death are category numbers of the Ninth Revision International Classification of Diseases, 1975]

Day of week	All causes	Motor vehicle accidents (E810-E825)	Suicide (E950-E959)	Homicide and legal intervention (E960-E978)
All days ¹	5,251	147	75	62
Sunday ²	5,233	176	73	75
Monday ²	5,284	119	82	56
Tuesday ²	5,215	116	77	53
Wednesday ²	5,199	122	73	50
Thursday ²	5,182	126	74	52
Friday ²	5,259	161	72	61
Saturday ²	5,386	212	71	87

¹Number of deaths in 1979 from selected cause or causes is divided by 365.

²Number of deaths on specified day of the week in 1979 from selected cause or causes is divided by number of times specified day of the week occurred in 1979.

Table 18. Deaths and percent distribution by place of death, according to age and sex: United States, 1979

[Includes deaths of nonresidents of the United States]

Age and sex	Total	In hospital or medical center	Not in hospital or medical center ¹	Place unknown	Percent			
					Total	In hospital or medical center	Not in hospital or medical center ¹	Place unknown
	Number				Percent			
Both sexes.....	1,916,776	1,197,579	716,841	2,356	100.0	62.5	37.4	0.1
Under 1 year.....	45,749	38,512	7,194	43	100.0	84.2	15.7	0.1
1-4 years.....	8,160	5,253	2,888	19	100.0	64.4	35.4	0.2
5-14 years.....	11,232	6,284	4,906	42	100.0	55.9	43.7	0.4
15-24 years.....	48,974	20,690	28,023	261	100.0	42.2	57.2	0.5
25-44 years.....	106,111	56,165	49,639	307	100.0	52.9	46.8	0.3
45-64 years.....	423,077	285,140	137,419	518	100.0	67.4	32.5	0.1
65-74 years.....	449,939	305,607	143,922	410	100.0	67.9	32.0	0.1
75-84 years.....	494,062	309,559	184,075	428	100.0	62.7	37.3	0.1
85 years and over.....	328,799	170,149	158,342	308	100.0	51.7	48.2	0.1
Not stated.....	673	220	433	20	100.0	32.7	64.3	3.0
Male.....	1,046,965	663,451	381,948	1,566	100.0	63.4	36.5	0.1
Under 1 year.....	26,025	21,802	4,193	30	100.0	83.8	16.1	0.1
1-4 years.....	4,620	2,937	1,676	7	100.0	63.6	36.3	0.2
5-14 years.....	6,991	3,719	3,238	34	100.0	53.2	46.3	0.5
15-24 years.....	36,818	14,782	21,819	217	100.0	40.1	59.3	0.6
25-44 years.....	71,751	34,892	36,606	253	100.0	48.6	51.0	0.4
45-64 years.....	269,108	176,240	92,477	391	100.0	65.5	34.4	0.1
65-74 years.....	269,596	182,752	86,557	287	100.0	67.8	32.1	0.1
75-84 years.....	242,537	157,640	84,682	215	100.0	65.0	34.9	0.1
85 years and over.....	119,040	68,552	50,367	121	100.0	57.6	42.3	0.1
Not stated.....	479	135	333	11	100.0	28.2	69.5	2.3
Female.....	869,811	534,128	334,893	790	100.0	61.4	38.5	0.1
Under 1 year.....	19,724	16,710	3,001	13	100.0	84.7	15.2	0.1
1-4 years.....	3,540	2,316	1,212	12	100.0	65.4	34.2	0.3
5-14 years.....	4,241	2,565	1,668	8	100.0	60.5	39.3	0.2
15-24 years.....	12,156	5,908	6,204	44	100.0	48.6	51.0	0.4
25-44 years.....	34,360	21,273	13,033	54	100.0	61.9	37.9	0.2
45-64 years.....	153,969	108,900	44,942	127	100.0	70.7	29.2	0.1
65-74 years.....	180,343	122,855	57,365	123	100.0	68.1	31.8	0.1
75-84 years.....	251,525	151,919	99,393	213	100.0	60.4	39.5	0.1
85 years and over.....	209,759	101,597	107,975	187	100.0	48.4	51.5	0.1
Not stated.....	194	85	100	9	100.0	43.8	51.5	4.6

¹Includes other institutions and specified places.

Table 19. Deaths and percent distribution by place of birth, according to State of residence: United States, 1979

State of residence	Total, all places of birth	Born in State of residence	Not born in State of residence		Unknown	Total, all places of birth	Born in State of residence	Not born in State of residence		Unknown
			Born in United States	Not born in United States				Born in United States	Not born in United States	
	Number					Percent distribution				
United States	1,913,841	1,038,014	653,489	211,934	10,404	100.0	54.2	34.1	11.1	0.5
Alabama	34,457	27,999	6,055	315	88	100.0	81.3	17.6	0.9	0.3
Alaska	1,567	613	834	108	12	100.0	39.1	53.2	6.9	0.8
Arizona	19,782	3,158	14,510	2,009	105	100.0	16.0	73.3	10.2	0.5
Arkansas	21,550	14,031	7,149	258	112	100.0	65.1	33.2	1.2	0.5
California	177,399	35,219	109,938	30,655	1,587	100.0	19.9	62.0	17.3	0.9
Colorado	18,450	5,300	11,733	1,367	50	100.0	28.7	63.6	7.4	0.3
Connecticut	26,053	11,580	8,497	5,925	51	100.0	44.4	32.6	22.7	0.2
Delaware	4,897	2,207	2,324	305	61	100.0	45.1	47.5	6.2	1.2
District of Columbia	6,864	1,689	4,678	373	124	100.0	24.6	68.2	5.4	1.8
Florida	98,524	14,395	67,460	16,170	499	100.0	14.6	68.5	16.4	0.5
Georgia	43,062	32,988	9,398	567	109	100.0	76.6	21.8	1.3	0.3
Hawaii	4,870	2,438	919	1,490	23	100.0	50.1	18.9	30.6	0.5
Idaho	6,393	2,055	3,973	340	25	100.0	32.1	62.1	5.3	0.4
Illinois	102,227	59,859	28,803	12,785	780	100.0	58.6	28.2	12.5	0.8
Indiana	46,731	29,594	15,061	1,750	326	100.0	63.3	32.2	3.7	0.7
Iowa	26,849	19,760	5,979	1,080	30	100.0	73.6	22.3	4.0	0.1
Kansas	21,150	12,393	8,125	574	58	100.0	58.6	38.4	2.7	0.3
Kentucky	32,482	26,835	5,299	273	75	100.0	82.6	16.3	0.8	0.2
Louisiana	34,771	26,590	7,287	691	203	100.0	76.5	21.0	2.0	0.6
Maine	10,296	7,102	1,884	1,287	23	100.0	69.0	18.3	12.5	0.2
Maryland	32,747	16,163	13,894	2,219	471	100.0	49.4	42.4	6.8	1.4
Massachusetts	52,028	31,278	8,451	12,110	189	100.0	60.1	16.2	23.3	0.4
Michigan	73,701	38,087	25,392	9,980	242	100.0	51.7	34.5	13.5	0.3
Minnesota	32,089	21,093	8,094	2,837	65	100.0	65.7	25.2	8.8	0.2
Mississippi	22,985	18,948	3,837	144	56	100.0	82.4	16.7	0.6	0.2
Missouri	48,002	31,407	14,784	1,571	240	100.0	65.4	30.8	3.3	0.5
Montana	6,476	2,373	3,480	606	17	100.0	36.6	53.7	9.4	0.3
Nebraska	14,247	9,362	4,106	748	31	100.0	65.7	28.8	5.3	0.2
Nevada	5,388	549	4,237	545	57	100.0	10.2	78.6	10.1	1.1
New Hampshire	7,460	3,285	3,090	1,065	20	100.0	44.0	41.4	14.3	0.3
New Jersey	65,745	26,703	24,849	13,850	343	100.0	40.6	37.8	21.1	0.5
New Mexico	8,722	3,426	4,768	466	62	100.0	39.3	54.7	5.3	0.7
New York	164,508	88,716	28,806	44,997	1,989	100.0	53.9	17.5	27.4	1.2
North Carolina	46,675	36,869	9,203	508	95	100.0	79.0	19.7	1.1	0.2
North Dakota	5,361	3,120	1,631	605	5	100.0	58.2	30.4	11.3	0.1
Ohio	94,946	56,886	30,300	7,379	381	100.0	59.9	31.9	7.8	0.4
Oklahoma	27,841	12,652	14,620	377	192	100.0	45.4	52.5	1.4	0.7
Oregon	21,056	5,426	13,791	1,691	148	100.0	25.8	65.5	8.0	0.7
Pennsylvania	117,402	85,682	18,516	12,779	425	100.0	73.0	15.8	10.9	0.4
Rhode Island	9,090	4,847	2,154	2,068	21	100.0	53.3	23.7	22.8	0.2
South Carolina	24,363	19,246	4,820	261	36	100.0	79.0	19.8	1.1	0.1
South Dakota	6,345	3,768	2,213	346	18	100.0	59.4	34.9	5.5	0.3
Tennessee	38,789	28,020	10,361	340	68	100.0	72.2	26.7	0.9	0.2

Table 19. Deaths and percent distribution by place of birth, according to State of residence: United States, 1979—Con.

State of residence	Total, all places of birth	Born in State of residence	Not born in State of residence		Unknown	Total, all places of birth	Born in State of residence	Not born in State of residence		Unknown
			Born in United States	Not born in United States				Born in United States	Not born in United States	
						Percent distribution				
						Number				
Texas.....	104,921	68,769	29,407	6,341	404	100.0	65.5	28.0	6.0	0.4
Utah.....	7,890	4,945	2,326	599	20	100.0	62.7	29.5	7.6	0.3
Vermont.....	4,179	2,448	1,255	447	29	100.0	58.6	30.0	10.7	0.7
Virginia.....	40,809	26,910	12,757	1,035	107	100.0	65.9	31.3	2.5	0.3
Washington.....	30,481	8,367	18,395	3,586	133	100.0	27.4	60.3	11.8	0.4
West Virginia.....	18,965	14,398	4,011	481	75	100.0	75.9	21.1	2.5	0.4
Wisconsin.....	39,183	27,680	7,950	3,438	115	100.0	70.6	20.3	8.8	0.3
Wyoming.....	3,073	786	2,085	193	9	100.0	25.6	67.8	6.3	0.3

Table 20. Total deaths and death rates, and infant and neonatal deaths and mortality rates for the United States, each region, division, and State; and by race and sex for the United States: 1979

Race, sex, and area	Total deaths		Infant deaths (under 1 year)		Neonatal deaths (under 28 days)	
	Number	Rate ¹	Number	Rate ²	Number	Rate ²
United States.....	1,913,841	869.5	45,665	13.1	30,980	8.9
Male.....	1,044,959	976.5	25,980	14.5	17,539	9.8
Female.....	868,882	768.3	19,685	11.6	13,441	7.9
White.....	1,676,145	882.3	32,079	11.4	22,141	7.9
Male.....	910,137	982.2	18,502	12.8	12,696	8.8
Female.....	766,008	787.2	13,577	9.9	9,445	6.9
All other.....	237,696	788.8	13,586	19.8	8,839	12.9
Male.....	134,822	939.9	7,478	21.5	4,843	13.9
Female.....	102,874	651.7	6,108	18.1	3,996	11.8
Black.....	220,818	853.8	12,586	21.8	8,270	14.3
Male.....	124,433	1,012.1	6,933	23.7	4,528	15.5
Female.....	96,385	710.3	5,653	19.8	3,742	13.1
Regions						
Northeast.....	456,761	932.1	8,313	12.8	6,009	9.3
North Central.....	510,831	874.6	12,063	12.9	8,248	8.8
South.....	634,702	887.1	16,952	14.3	11,361	9.6
West.....	311,547	757.2	8,337	11.4	5,362	7.4
Northeast						
New England.....	109,106	887.7	1,762	11.2	1,294	8.2
Maine.....	10,296	938.6	158	9.7	94	5.7
New Hampshire.....	7,460	841.0	136	10.6	99	7.7
Vermont.....	4,179	847.7	64	8.5	47	6.3
Massachusetts.....	52,028	901.9	767	10.9	572	8.1
Rhode Island.....	9,090	978.5	167	14.1	121	10.2
Connecticut.....	26,053	836.4	470	12.1	361	9.3
Middle Atlantic.....	347,655	947.0	6,551	13.4	4,715	9.6
New York.....	164,508	932.2	3,212	13.6	2,299	9.7
New Jersey.....	65,745	896.7	1,242	12.9	884	9.2
Pennsylvania.....	117,402	1,000.8	2,097	13.3	1,532	9.7
North Central						
East North Central.....	356,788	864.2	8,790	13.4	6,011	9.2
Ohio.....	94,946	884.8	2,141	12.8	1,463	8.8
Indiana.....	46,731	865.4	1,138	13.0	804	9.2
Illinois.....	102,227	910.4	2,791	15.2	1,921	10.4
Michigan.....	73,701	800.5	1,928	13.3	1,300	9.0
Wisconsin.....	39,183	830.1	792	10.8	523	7.1
West North Central.....	154,043	899.9	3,273	11.7	2,237	8.0
Minnesota.....	32,089	790.4	702	10.8	472	7.2
Iowa.....	26,849	925.2	495	10.6	339	7.2
Missouri.....	48,002	986.3	1,047	13.7	727	9.5
North Dakota.....	5,361	816.0	140	11.9	106	9.0
South Dakota.....	6,345	920.9	146	11.2	75	5.8
Nebraska.....	14,247	905.1	304	11.6	208	7.9
Kansas.....	21,150	892.8	439	11.3	310	7.9
South						
South Atlantic.....	316,906	906.1	8,012	15.2	5,504	10.4
Delaware.....	4,897	841.4	152	17.0	121	13.6
Maryland.....	32,747	789.5	843	14.5	601	10.3
District of Columbia.....	6,864	1,046.3	211	22.2	166	17.5
Virginia.....	40,809	785.2	1,121	14.6	824	10.7
West Virginia.....	18,965	1,009.9	412	13.8	271	9.1
North Carolina.....	46,675	832.6	1,269	15.1	867	10.3
South Carolina.....	24,363	830.9	865	17.1	572	11.3
Georgia.....	43,062	841.5	1,329	15.1	879	10.0
Florida.....	98,524	1,112.0	1,810	14.9	1,203	9.9
East South Central.....	128,713	912.5	3,319	14.1	2,176	9.2
Kentucky.....	32,482	921.0	680	11.5	451	7.7
Tennessee.....	38,789	885.6	930	13.6	623	9.1

See footnotes at end of table.

Table 20. Total deaths and death rates, and infant and neonatal deaths and mortality rates for the United States, each region, division, and State; and by race and sex for the United States: 1979—Con.

Race, sex, and area	Total deaths		Infant deaths (under 1 year)		Neonatal deaths (under 28 days)	
	Number	Rate ¹	Number	Rate ²	Number	Rate ²
South—Con.						
East South Central—Con.						
Alabama	34,457	914.2	903	14.4	590	9.4
Mississippi	22,985	946.3	806	17.6	512	11.1
West South Central	189,083	841.5	5,621	13.4	3,681	8.8
Arkansas	21,550	988.5	488	13.4	292	8.0
Louisiana	34,771	865.4	1,234	15.6	817	10.3
Oklahoma	27,841	962.7	612	12.5	390	8.0
Texas	104,921	784.2	3,287	12.9	2,182	8.6
West						
Mountain	76,174	713.7	2,567	11.8	1,622	7.5
Montana	6,476	823.9	151	10.7	100	7.1
Idaho	6,393	706.4	200	10.0	133	6.6
Wyoming	3,073	682.9	129	13.2	82	8.4
Colorado	18,450	665.6	500	10.6	300	6.4
New Mexico	8,722	702.8	358	14.0	228	8.9
Arizona	19,782	807.4	636	13.6	418	8.9
Utah	7,890	577.2	438	10.7	279	6.8
Nevada	5,388	767.5	155	12.5	82	6.6
Pacific	235,373	772.5	5,770	11.3	3,740	7.3
Washington	30,481	776.4	738	11.5	456	7.1
Oregon	21,056	833.2	453	10.9	277	6.6
California	177,399	781.7	4,258	11.2	2,799	7.4
Alaska	1,567	386.0	145	15.9	88	9.7
Hawaii	4,870	532.2	176	10.0	120	6.8

¹Per 100,000 population in each race-sex group and area.²Per 1,000 live births in each race-sex group and area.

Table 21. Deaths and death rates for the United States, each region, division, and State: and by race and sex for the United States, 1979

[Rates per 100,000 population in each race-sex group and area. Numbers after causes of death are category numbers of the Ninth Revision International Classification of Diseases, 1975]

Race, sex, and area	Diseases of heart (390-398, 402, 404-429)		Malignant neoplasms, including neoplasms of lymphatic and hematopoietic tissues (140-208)		Cerebrovascular diseases (430-438)		Accidents and adverse effects (E800-E949)		Motor vehicle accidents (E810-E825)		Suicide (E950-E959)	
	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate
United States	733,235	333.1	403,395	183.3	169,488	77.0	105,312	47.8	53,524	24.3	27,206	12.4
Male	396,372	370.4	220,015	205.6	70,439	65.8	74,403	69.5	39,309	36.7	20,256	18.9
Female	336,863	297.9	183,380	162.1	99,049	87.6	30,909	27.3	14,215	12.6	6,950	6.1
White	660,154	347.5	357,336	188.1	148,416	78.1	90,310	47.5	47,248	24.9	24,945	13.1
Male	357,378	385.7	193,444	208.8	60,613	65.4	63,460	68.5	34,579	37.3	18,504	20.0
Female	302,776	311.2	163,892	168.4	87,803	90.2	26,850	27.6	12,669	13.0	6,441	6.6
All other	73,081	242.5	46,059	152.9	21,072	69.9	15,002	49.8	6,276	20.8	2,261	7.5
Male	38,994	271.8	26,571	185.2	9,826	68.5	10,943	76.3	4,730	33.0	1,752	12.2
Female	34,087	215.9	19,488	123.5	11,246	71.2	4,059	25.7	1,546	9.8	509	3.2
Black	68,579	265.2	42,981	166.2	19,837	76.7	13,000	50.3	5,132	19.8	1,812	7.0
Male	36,122	293.8	24,831	202.0	9,186	74.7	9,489	77.2	3,929	32.0	1,428	11.6
Female	32,457	239.2	18,150	133.8	10,651	78.5	3,511	25.9	1,203	8.9	384	2.8
Regions												
Northeast	189,453	386.6	102,279	208.7	34,896	71.2	18,060	36.9	8,500	17.3	4,787	9.8
North Central	202,436	346.6	106,637	182.6	46,624	79.8	26,106	44.7	13,005	22.3	6,643	11.4
South	233,233	326.0	128,587	179.7	60,597	84.7	39,050	54.6	20,038	28.0	9,281	13.0
West	108,113	262.8	65,892	160.2	27,371	66.5	22,096	53.7	11,981	29.1	6,495	15.8
Northeast												
New England	43,187	351.4	25,233	205.3	8,888	72.3	4,899	39.9	2,342	19.1	1,242	10.1
Maine	4,007	365.3	2,342	213.5	864	78.8	523	47.7	267	24.3	157	14.3
New Hampshire	2,833	319.4	1,743	196.5	651	73.4	358	40.4	187	21.1	100	11.3
Vermont	1,618	328.2	894	181.3	330	66.9	267	54.2	150	30.4	88	17.8
Massachusetts	20,829	361.1	11,941	207.0	4,148	71.9	2,316	40.1	1,004	17.4	515	8.9
Rhode Island	3,794	408.4	2,120	228.2	716	77.1	330	35.5	147	15.8	114	12.3
Connecticut	10,106	324.4	6,193	198.8	2,179	70.0	1,105	35.5	587	18.8	268	8.6
Middle Atlantic	146,266	398.4	77,046	209.9	26,008	70.8	13,161	35.9	6,158	16.8	3,545	9.7
New York	70,251	398.1	36,490	206.8	11,827	67.0	5,683	32.2	2,621	14.9	1,663	9.4
New Jersey	27,636	376.9	15,264	208.2	4,962	67.7	2,699	36.8	1,229	16.8	550	7.5
Pennsylvania	48,379	412.4	25,292	215.6	9,219	78.6	4,779	40.7	2,308	19.7	1,332	11.4
North Central												
East North Central	143,519	347.6	74,909	181.4	31,384	76.0	17,753	43.0	8,896	21.5	4,749	11.5
Ohio	37,810	352.3	20,228	188.5	8,281	77.2	4,566	42.5	2,296	21.4	1,372	12.8
Indiana	17,860	330.7	9,503	176.0	4,889	90.5	2,657	49.2	1,349	25.0	597	11.1
Illinois	42,283	376.6	21,518	191.6	8,655	77.1	4,656	41.5	2,229	19.9	1,040	9.3
Michigan	29,381	319.1	15,464	168.0	6,079	66.0	3,863	42.0	1,989	21.6	1,146	12.4
Wisconsin	16,185	342.9	8,196	173.6	3,480	73.7	2,011	42.6	1,033	21.9	594	12.6
West North Central	58,917	344.2	31,728	185.3	15,240	89.0	8,353	48.8	4,109	24.0	1,894	11.1
Minnesota	11,968	294.8	6,743	166.1	3,304	81.4	1,874	46.2	935	23.0	416	10.2
Iowa	10,739	370.1	5,636	194.2	2,813	96.9	1,376	47.4	686	23.6	318	11.0
Missouri	17,981	369.4	9,900	203.4	4,486	92.2	2,437	50.1	1,190	24.5	562	11.5
North Dakota	2,076	316.0	1,164	177.2	490	74.6	311	47.3	140	21.3	76	11.6

Table 21. Deaths and death rates for the United States, each region, division, and State: and by race and sex for the United States, 1979—Con.

[Rates per 100,000 population in each race-sex group and area. Numbers after causes of death are category numbers of the *Ninth Revision International Classification of Diseases, 1975*]

Race, sex, and area	Diseases of heart (390-398, 402, 404-429)		Malignant neoplasms, including neoplasms of lymphatic and hematopoietic tissues (140-208)		Cerebrovascular diseases (430-438)		Accidents and adverse effects (E800-E949)		Motor vehicle accidents (E810-E825)		Suicide (E950-E959)	
	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate
North Central—Con.												
West North Central—Con.												
South Dakota	2,564	372.1	1,166	169.2	611	88.7	425	61.7	227	32.9	70	10.2
Nebraska	5,487	348.6	2,898	184.1	1,462	92.9	767	48.7	352	22.4	159	10.1
Kansas	8,102	342.0	4,221	178.2	2,074	87.5	1,163	49.1	579	24.4	293	12.4
South												
South Atlantic	119,013	340.3	66,567	190.3	29,033	83.0	17,943	51.3	9,035	25.8	4,781	13.7
Delaware	2,009	345.2	1,088	186.9	325	55.8	236	40.5	116	19.9	65	11.2
Maryland	12,613	304.1	7,674	185.0	2,281	55.0	1,556	37.5	726	17.5	449	10.8
District of Columbia	2,179	332.2	1,612	245.7	462	70.4	265	40.4	58	8.8	54	8.2
Virginia	15,363	295.6	8,638	166.2	3,721	71.6	2,212	42.6	1,005	19.3	779	15.0
West Virginia	8,029	427.5	3,600	191.7	1,559	83.0	1,084	57.7	548	29.2	243	12.9
North Carolina	17,343	309.4	9,101	162.3	4,689	83.6	3,052	54.4	1,545	27.6	707	12.6
South Carolina	8,646	294.9	4,533	154.6	2,509	85.6	1,772	60.4	911	31.1	302	10.3
Georgia	15,560	304.1	7,871	153.8	4,610	90.1	3,040	59.4	1,610	31.5	666	13.0
Florida	37,271	420.7	22,450	253.4	8,877	100.2	4,726	53.3	2,516	28.4	1,516	17.1
East South Central	46,500	329.7	25,189	178.6	13,184	93.5	8,260	58.6	4,135	29.3	1,724	12.2
Kentucky	12,687	359.7	6,593	186.9	3,096	87.8	1,959	55.5	937	26.6	472	13.4
Tennessee	14,140	322.8	7,779	177.6	4,205	96.0	2,386	54.5	1,275	29.1	598	13.7
Alabama	11,804	313.2	6,649	176.4	3,522	93.4	2,243	59.5	1,138	30.2	418	11.1
Mississippi	7,869	324.0	4,168	171.6	2,361	97.2	1,672	68.8	785	32.3	236	9.7
West South Central	67,720	301.4	36,831	163.9	18,380	81.8	12,847	57.2	6,868	30.6	2,776	12.4
Arkansas	7,924	363.5	4,313	197.8	2,394	109.8	1,179	54.1	565	25.9	249	11.4
Louisiana	12,710	316.3	6,843	170.3	3,138	78.1	2,430	60.5	1,224	30.5	501	12.5
Oklahoma	10,703	370.1	5,378	186.0	2,833	98.0	1,731	59.9	932	32.2	399	13.8
Texas	36,383	271.9	20,297	151.7	10,015	74.9	7,507	56.1	4,147	31.0	1,627	12.2
West												
Mountain	24,825	232.6	14,696	137.7	5,871	55.0	6,905	64.7	3,835	35.9	1,878	17.6
Montana	2,301	292.7	1,238	157.5	588	74.8	603	76.7	311	39.6	118	15.0
Idaho	2,201	243.2	1,218	134.6	577	63.8	620	68.5	356	39.3	124	13.7
Wyoming	1,040	231.1	523	116.2	243	54.0	349	77.6	208	46.2	86	19.1
Colorado	6,366	229.7	3,562	128.5	1,420	51.2	1,391	50.2	702	25.3	500	18.0
New Mexico	2,124	171.2	1,635	131.7	620	50.0	1,030	83.0	600	48.3	240	19.3
Arizona	6,328	258.3	4,083	166.7	1,410	57.6	1,736	70.9	1,004	41.0	457	18.7
Utah	2,790	204.1	1,307	95.7	626	45.8	654	47.8	337	24.7	178	13.0
Nevada	1,675	238.6	1,129	160.8	387	55.1	522	74.4	317	45.2	175	24.9
Pacific	83,288	273.4	51,196	168.0	21,500	70.6	15,191	49.9	8,146	26.7	4,617	15.2
Washington	10,799	275.1	6,634	169.0	2,831	72.1	2,021	51.5	1,107	28.2	557	14.2
Oregon	7,335	290.3	4,548	180.0	2,018	79.9	1,422	56.3	726	28.7	351	13.9
California	63,281	278.8	38,634	170.2	16,209	71.4	11,057	48.7	6,017	26.5	3,531	15.6
Alaska	340	83.7	274	67.5	73	18.0	318	78.3	83	20.4	47	11.6
Hawaii	1,533	167.5	1,106	120.9	369	40.3	373	40.8	213	23.3	131	14.3

Table 22. Comparable category numbers, estimated comparability ratios, and estimates of sampling variability of comparability ratios for 72 selected causes; based on a stratified random sample of 1976 deaths: United States

[For discussion of comparability ratios see Explanatory notes]

Cause of death (Ninth Revision International Classification of Diseases, 1975)	Category numbers according to the Eighth Revision	Estimated comparability ratio ¹	Error of the estimate of the ratio in (2)		95 percent confidence limits ²		
			Standard error	Relative standard error	Upper	Lower	
	(1)	(2)	(3)	(4)	(5)	(6)	
All causes	...	1.0000	...	...	...	...
Shigellosis and amebiasis	004, 006	0.9818	0.0378	3.9	1.0559	0.9077	
Certain other intestinal infections	007-009	0.1821	0.0207	11.4	0.2227	0.1415	
Tuberculosis	010-018	0.7668	0.0119	1.6	0.7901	0.7435	
Tuberculosis of respiratory system	010-012	0.8429	0.0146	1.7	0.8715	0.8143	
Other tuberculosis	013-018	0.5077	0.0167	3.3	0.5404	0.4750	
Whooping cough	033	0.8571	0.0000	0.0	0.8571	0.8571	
Streptococcal sore throat, scarlatina, and erysipelas	034-035	1.4286	0.0000	0.0	1.4286	1.4286	
Meningococcal infection	036	0.9788	0.0124	1.3	1.0030	0.9546	
Septicemia	038	0.8500	0.0180	2.1	0.8853	0.8147	
Acute poliomyelitis	045	0.5000	0.0000	0.0	0.5000	0.5000	
Measles	055	0.9167	0.0000	0.0	0.9167	0.9167	
Viral hepatitis	070	1.3986	0.0820	5.9	1.5593	1.2379	
Syphilis	090-097	1.0089	0.0259	2.6	1.0596	0.9582	
All other infectious and parasitic diseases	001-003, 005, 020-032, 037, 039-041, 046-054, 056-066, 071-088, 098-139	Remainder of 000-136	1.0321	0.0634	6.1	1.1563	0.9079
Malignant neoplasms, including neoplasms of lymphatic and hematopoietic tissues	140-208	140-209	1.0026	0.0017	0.2	1.0059	0.9993
Malignant neoplasms of lip, oral cavity, and pharynx	140-149	140-149	1.0117	0.0087	0.9	1.0286	0.9948
Malignant neoplasms of digestive organs and peritoneum	150-159	150-159	1.0330	0.0035	0.3	1.0398	1.0262
Malignant neoplasms of respiratory and intrathoracic organs	160-165	160-163	1.0007	0.0033	0.3	1.0071	0.9943
Malignant neoplasm of breast	174-175	174	1.0089	0.0022	0.2	1.0131	1.0047
Malignant neoplasms of genital organs	179-187	180-187	1.0111	0.0031	0.3	1.0171	1.0051
Malignant neoplasms of urinary organs	188-189	188, 189	0.9924	0.0045	0.5	1.0011	0.9837
Malignant neoplasms of all other and unspecified sites	170-173, 190-199	170-173, 190-199	0.9557	0.0082	0.9	0.9718	0.9396
Leukemia	204-208	204-207	1.0070	0.0056	0.6	1.0180	0.9960
Other malignant neoplasms of lymphatic and hematopoietic tissues	200-203	200-203, 208, 209	0.9385	0.0069	0.7	0.9519	0.9251
Benign neoplasms, carcinoma in situ, and neoplasms of uncertain behavior and of unspecified nature	210-239	210-239	1.2085	0.0261	2.2	1.2595	1.1575
Diabetes mellitus	250	250	0.9991	0.0087	0.9	1.0162	0.9820
Nutritional deficiencies	260-269	260-269	0.7167	0.0262	3.7	0.7680	0.6654
Anemias	280-285	280-285	0.9296	0.0124	1.3	0.9538	0.9054
Meningitis	320-322	320	0.9459	0.0163	1.7	0.9777	0.9141
Major cardiovascular diseases	390-448	390-448	1.0069	0.0004	0.0	1.0076	1.0062
Diseases of heart	390-398, 402, 404-429	390-398, 402, 404, 410-429	1.0126	0.0039	0.4	1.0202	1.0050
Rheumatic fever and rheumatic heart disease	390-398	390-398	0.6648	0.0080	1.2	0.6804	0.6492
Hypertensive heart disease	402	402	3.3022	0.0557	1.7	3.4114	3.1930
Hypertensive heart and renal disease	404	404	1.2119	0.0438	3.6	1.2978	1.1260
Ischemic heart disease	410-414	410-413	0.8784	0.0038	0.4	0.8859	0.8709
Acute myocardial infarction	410	410	1.0003	0.0054	0.5	1.0108	0.9898
Other acute and subacute forms of ischemic heart disease	411	411	1.2224	0.0661	5.4	1.3519	1.0929
Angina pectoris	413	413	1.0484	0.0666	6.4	1.1789	0.9179
Old myocardial infarction and other forms of chronic ischemic heart disease	412, 414	412	0.7533	0.0055	0.7	0.7640	0.7426
Other diseases of endocardium	424	424, 428	1.2286	0.0227	1.8	1.2731	1.1841
All other forms of heart disease	415-423, 425-429	420-423, 425-427, 429	2.5035	0.0257	1.0	2.5539	2.4531
Hypertension with or without renal disease	401, 403	400, 401, 403	1.2703	0.0294	2.3	1.3280	1.2126
Cerebrovascular diseases	430-438	430-438	1.0049	0.0066	0.7	1.0178	0.9920
Intracerebral and other intracranial hemorrhage	431-432	431	0.9969	0.0068	0.7	1.0102	0.9836
Cerebral thrombosis and unspecified occlusion of cerebral arteries	434.0, 434.9	433	1.0340	0.0222	2.1	1.0774	0.9906

See footnotes at end of table.

Table 22. Comparable category numbers, estimated comparability ratios, and estimates of sampling variability of comparability ratios for 72 selected causes; based on a stratified random sample of 1976 deaths: United States—Con.

[For discussion of comparability ratios see Explanatory notes]

Cause of death (Ninth Revision International Classification of Diseases, 1975)	Category numbers according to the Eighth Revision	Estimated compara- bility ratio ²	Error of the estimate of the ratio in (2)		95 percent con- fidence limits ²	
			Standard error	Relative standard error	Upper	Lower
	(1)	(2)	(3)	(4)	(5)	(6)
Major cardiovascular diseases—Con.						
Cerebrovascular diseases—Con.						
Cerebral embolism	434.1 434	1.1211	0.0924	8.2	1.3022	0.9400
All other and late effects of cerebrovascular diseases	430, 432, 435–438 430, 432, 435–438	0.9948	0.0061	0.6	1.0067	0.9829
Atherosclerosis	440 440	1.0649	0.0246	2.3	1.1130	1.0168
Other diseases of arteries, arterioles, and capillaries	441–448 441–448	0.7409	0.0098	1.3	0.7600	0.7218
Acute bronchitis and bronchiolitis	466 466	0.8888	0.0274	3.1	0.9425	0.8351
Pneumonia and influenza	480–487 470–474, 480–486	0.9264	0.0067	0.7	0.9394	0.9134
Pneumonia	480–486 480–486	0.9199	0.0076	0.8	0.9347	0.9051
Influenza	487 470–474	0.9714	0.0078	0.8	0.9866	0.9562
Chronic obstructive pulmonary diseases and allied conditions	490–496 490–493	1.8846	0.0150	0.8	1.9141	1.8551
Bronchitis, chronic and unspecified	490–491 490–491	0.9383	0.0134	1.4	0.9646	0.9120
Emphysema	492 492	0.9770	0.0127	1.3	1.0018	0.9522
Asthma	493 493	1.3544	0.0636	4.7	1.4790	1.2298
Other chronic obstructive pulmonary diseases and allied conditions	494–496 . . . ³	3 . . .	3 . . .	3 . . .	3 . . .	3 . . .
Ulcer of stomach and duodenum	531–533 531–533	1.1192	0.0247	2.2	1.1675	1.0709
Appendicitis	540–543 540–543	1.0080	0.0264	2.6	1.0597	0.9563
Hernia of abdominal cavity and intestinal obstruction without mention of hernia	550–553, 560 550–553, 560	0.9432	0.0169	1.8	0.9762	0.9102
Chronic liver disease and cirrhosis	571 571	1.0110	0.0069	0.7	1.0245	0.9975
Cholelithiasis and other disorders of gallbladder	574–575 574, 575	1.0494	0.0445	4.2	1.1366	0.9621
Nephritis, nephrotic syndrome, and nephrosis	580–589 580–584	1.7397	0.0777	4.5	1.8920	1.5874
Acute glomerulonephritis and nephrotic syndrome	580–581 580, 581	0.2422	0.0185	7.6	0.2783	0.2061
Chronic glomerulonephritis, nephritis and nephropathy, not specified as acute or chronic, and renal sclerosis, unspecified	582–583, 587 582–584	0.4954	0.0195	3.9	0.5335	0.4573
Renal failure, disorders resulting from impaired renal function, and small kidney of unknown cause	584–586, 588–589 582–584	1.6327	0.0958	5.9	1.8205	1.4449
Infections of kidney	590 590	0.9878	0.0091	0.9	1.0056	0.9700
Hyperplasia of prostate	600 600	1.0232	0.0226	2.2	1.0674	0.9790
Complications of pregnancy, childbirth, and the puerperium	630–676 630–678	1.1000	0.0435	4.0	1.1853	1.0147
Pregnancy with abortive outcome	630–638 640–645	3.8125	0.0000	0.0	3.8125	3.8125
Other complications of pregnancy, childbirth, and the puerperium	640–676 630–639, 650–678	0.9840	0.0454	4.6	1.0729	0.8951
Congenital anomalies	740–759 740–759	0.9984	0.0100	1.0	1.0179	0.9789
Certain conditions originating in the perinatal period	760–779 760–769.2, 769.4–772, 774–778	1.0765	0.0238	2.2	1.1230	1.0300
Birth trauma, intrauterine hypoxia, birth asphyxia, and respiratory distress syndrome	767–769 764–768, 772, 776	0.7483	0.0306	4.1	0.8083	0.6883
Other conditions originating in the perinatal period	760–766, 770–779 Remainder of 760–778	1.4639	0.0371	2.5	1.5367	1.3911
Symptoms, signs, and ill-defined conditions	780–799 780–796	0.9102	0.0121	1.3	0.9338	0.8866
All other diseases	Residual 780–799	0.7786	0.0082	1.1	0.7947	0.7625
Accidents and adverse effects	E800–E949 E800–E949	0.9970	0.0030	0.3	1.0029	0.9911
Motor vehicle accidents	E810–E825 E810–E823	1.0117	0.0027	0.3	1.0169	1.0065
All other accidents and adverse effects	E800–E807, E826–949 E800–E807, E825–E949	0.9841	0.0051	0.5	0.9941	0.9741
Suicide	E950–E959 E950–E959	1.0032	0.0042	0.4	1.0114	0.9950
Homicide and legal intervention	E960–E978 E960–E978	1.0057	0.0030	0.3	1.0115	0.9999
All other external causes	E980–E999 E980–E999	0.9675	0.0144	1.5	0.9957	0.9393

¹Ratio of estimated number of deaths assigned according to the Ninth Revision to deaths assigned according to the Eighth Revision.²The probability is 95 percent that the true comparability ratio will have a value between the upper and lower limits shown. These limits were computed before the estimated standard error was rounded to the fourth decimal.³Chronic obstructive lung disease without mention of asthma, bronchitis, or emphysema (ICDA No. *519.3), introduced by NCHS to be used with the Eighth Revision, is comparable to Other chronic obstructive pulmonary diseases and allied conditions (ICD Nos. 494–496) of the Ninth Revision. The comparability ratio for this set of titles is 1.0054, with a standard error of 0.0118, a relative error of 1.2 percent, and 95 percent confidence limits of 1.0285 and 0.9823. These data are not shown in this table because there are no sample data for ICDA No. *519.3.

Explanatory notes

Nature and sources of data

Except for 1972, data shown in this report are based on information from all death certificates from the 50 States and the District of Columbia. For 1972, data are from a 50-percent sample of deaths.

Mortality statistics are based on information obtained directly from copies of the original certificates received from the State registration offices and from data provided to the National Center for Health Statistics (NCHS) through the Vital Statistics Cooperative Program. Forty-two States participated in this program in 1979. For these States, part or all of the mortality data for 1979 were coded from the original certificates and provided on computer tape to NCHS. The following seven States submitted all mortality data, including cause of death, precoded on computer tape: Iowa, Louisiana, Michigan, Nebraska, North Carolina, Virginia, and Wisconsin. The remaining 35 States in the Vital Statistics Cooperative Program submitted computer tapes with precoded demographic data along with copies of the original certificates from which NCHS coded cause of death. These States included Alabama, Alaska, Colorado, Connecticut, Florida, Hawaii, Idaho, Illinois, Indiana, Kansas, Kentucky, Maine, Maryland, Massachusetts, Minnesota, Mississippi, Missouri, Montana, Nevada, New Hampshire, New Jersey, New York, Ohio, Oklahoma, Oregon, Pennsylvania, Rhode Island, South Carolina, Tennessee, Texas, Utah, Vermont, Washington, West Virginia, and Wyoming. For the balance of States, which were not participants in the Vital Statistics Cooperative Program in 1979, NCHS coded both the demographic and medical data directly from copies of the original death certificates.

Data for the United States as a whole refer to events occurring within the United States. Beginning with 1970, mortality statistics exclude deaths of nonresidents of the United States except in a few tables in which it is specified they are included. All data exclude fetal deaths.

Cause-of-death classification

The mortality statistics presented here are compiled in accordance with the World Health Organization regulations, which specify that member nations classify causes of death in accordance with the current revision of the *International Statistical Classification of Diseases, Injuries, and Causes of Death*.

Causes of death in 1979 were classified according to the *Ninth Revision International Classification of*

Diseases (ICD-9).⁵ During the period 1968-78, causes were classified according to an adapted version (ICDA-8)⁶ of the Eighth Revision (ICD-8);⁷ during 1958-67 according to the Seventh Revision (ICD-7);⁸ and during 1949-57, according to the Sixth Revision (ICD-6).⁹

Changes in classification of causes of death due to these revisions may result in discontinuities in cause-of-death trends. Consequently, cause-of-death comparisons between revisions require consideration of the comparability ratios and, where available, estimates of their standard errors. Between the Eighth and Ninth Revisions, the comparability ratios and their standard errors are shown in the last table of this report and in the report cited in reference 3. Comparability ratios between the Seventh and Eighth Revisions and between the Sixth and Seventh Revisions may be found in other reports.^{10,11}

Besides specifying the classification, the World Health Organization regulations outline the form of medical certification and the coding procedures to be used. In general, when more than one cause of death is reported, the cause designated by the certifying physician as the underlying cause of death is the cause tabulated.

Cause-of-death data presented in this publication were coded by procedures outlined in issues of Part 2a of the NCHS *Instruction Manual*.¹²

Population bases for computing rates

The population for computing rates shown in this report represents the population residing in the specified area, as published by the U.S. Bureau of the Census. The population estimates for 1979 are available in publications by the U.S. Bureau of the Census.^{13,14} These estimates were prepared prior to the availability of the results of the 1980 census enumeration. While the death rates in this report for 1979 are consistent with the rates for earlier years of the 1970's, the rates for 1971-79 will be revised as a result of the large difference between the 1980 census enumeration and the estimated population for 1980. Adjusted rates for 1979 may be computed by multiplying the reported age-race-sex rates by the corresponding factors shown in table I. A ratio of less than 1.0000 indicates that the 1980 census-consistent estimate for 1979 was greater than the 1970 census-consistent estimate for 1979 and

NOTE: A list of references follows the text.

Table I. Ratio of estimated 1970 census-consistent resident population for 1979 to estimated 1980 census-consistent resident population for 1979 by age, race, and sex: United States, July 1, 1979

Age	All races			White			All other					
	Both sexes	Male	Female	Both sexes	Male	Female	Total			Black		
							Both sexes	Male	Female	Both sexes	Male	Female
All ages.....	0.9801	0.9805	0.9797	0.9806	0.9807	0.9804	0.9773	0.9792	0.9755	0.9830	0.9876	0.9789
Under 5 years.....	0.9742	0.9741	0.9744	0.9695	0.9688	0.9703	0.9964	0.9993	0.9935	0.9933	0.9975	0.9899
Under 1 year.....	0.9577	0.9584	0.9570	0.9596	0.9593	0.9593	0.9468	0.9538	0.9396	0.9398	0.9423	0.9297
1-4 years.....	0.9787	0.9783	0.9793	0.9722	0.9714	0.9732	1.0100	1.0116	1.0082	1.0085	1.0126	1.0043
5-14 years.....	0.9766	0.9757	0.9775	0.9745	0.9735	0.9755	0.9870	0.9869	0.9870	0.9933	0.9943	0.9923
5-9 years.....	0.9732	0.9726	0.9738	0.9693	0.9685	0.9703	0.9919	0.9933	0.9904	0.9913	0.9937	0.9889
10-14 years.....	0.9797	0.9785	0.9810	0.9792	0.9781	0.9804	0.9824	0.9809	0.9839	0.9952	0.9949	0.9955
15-24 years.....	0.9751	0.9733	0.9769	0.9769	0.9748	0.9789	0.9658	0.9651	0.9666	0.9710	0.9712	0.9708
15-19 years.....	0.9772	0.9751	0.9793	0.9799	0.9772	0.9826	0.9634	0.9640	0.9627	0.9713	0.9732	0.9694
20-24 years.....	0.9730	0.9715	0.9746	0.9738	0.9724	0.9753	0.9685	0.9662	0.9706	0.9707	0.9689	0.9723
25-34 years.....	0.9674	0.9658	0.9689	0.9703	0.9699	0.9709	0.9489	0.9388	0.9576	0.9523	0.9449	0.9591
25-29 years.....	0.9615	0.9590	0.9639	0.9656	0.9642	0.9671	0.9365	0.9250	0.9459	0.9410	0.9345	0.9476
30-34 years.....	0.9741	0.9736	0.9745	0.9756	0.9764	0.9751	0.9640	0.9560	0.9716	0.9662	0.9580	0.9733
35-44 years.....	0.9984	0.9919	1.0048	1.0014	0.9956	1.0071	0.9784	0.9641	0.9898	1.0060	1.0017	1.0096
35-39 years.....	0.9985	0.9916	1.0051	1.0010	0.9949	1.0070	0.9816	0.9672	0.9926	1.0091	1.0046	1.0141
40-44 years.....	0.9984	0.9922	1.0044	1.0019	0.9964	1.0071	0.9747	0.9606	0.9865	1.0024	0.9982	1.0044
45-54 years.....	1.0007	1.0063	0.9954	0.9988	1.0017	0.9961	1.0141	1.0437	0.9899	1.0202	1.0566	0.9888
45-49 years.....	1.0004	1.0048	0.9965	0.9979	0.9996	0.9962	1.0188	1.0447	0.9974	1.0259	1.0592	0.9984
50-54 years.....	1.0009	1.0078	0.9944	0.9997	1.0038	0.9961	1.0092	1.0425	0.9820	1.0143	1.0540	0.9789
55-64 years.....	0.9769	0.9875	0.9676	0.9790	0.9887	0.9704	0.9576	0.9755	0.9429	0.9693	0.9917	0.9511
55-59 years.....	0.9814	0.9920	0.9720	0.9839	0.9933	0.9754	0.9604	0.9800	0.9440	0.9695	0.9958	0.9479
60-64 years.....	0.9715	0.9821	0.9624	0.9734	0.9833	0.9648	0.9541	0.9697	0.9415	0.9690	0.9866	0.9551
65-74 years.....	0.9957	0.9991	0.9931	0.9937	0.9960	0.9921	1.0133	1.0276	1.0035	1.0316	1.0479	1.0196
65-69 years.....	0.9935	0.9956	0.9918	0.9859	0.9880	0.9842	1.0596	1.0646	1.0579	1.0911	1.0947	1.0885
70-74 years.....	0.9986	1.0040	0.9948	1.0040	1.0072	1.0020	0.9460	0.9735	0.9251	0.9444	0.9779	0.9204
75-84 years.....	0.9283	0.9385	0.9224	0.9354	0.9426	0.9314	0.8539	0.8955	0.8278	0.7688	0.7857	0.7583
75-79 years.....	0.9047	0.9195	0.8958	0.9195	0.9300	0.9129	0.7614	0.8187	0.7248	0.6768	0.7143	0.6483
80-84 years.....	0.9670	0.9731	0.9637	0.9611	0.9651	0.9596	1.0357	1.0581	1.0219	0.9502	0.9351	0.9677
85 years and over.....	1.0614	1.0650	1.0598	1.0336	1.0324	1.0341	1.3793	1.4068	1.3772	1.3397	1.3462	1.3462

SOURCE: Reference 14 and unpublished data from the Department of Commerce, Bureau of the Census, Washington, D.C.

would result in a corresponding decrease in the death rate. Conversely, a ratio greater than 1.0000 indicates that the 1980 census-consistent estimate for 1979 was less than the 1970 census-consistent estimate for 1979 and would result in an increase in the death rate. The ratios differ by age, race, and sex. Ratios departing substantially from 1.0000 characterize the age groups 75-84 years and 85 years and over, especially for the black population.

Revised death rates for 1971-79 will also be reflected in revised life table values. Generally, the revised life tables would show higher life expectancy, especially for the black population, and higher survival probabilities. Death rates by age, race, and sex for 1961-69 cited in this report may differ from those published for the corresponding years in *Vital Statistics of the United States*. Rates in this report for 1961-69 are based on revised intercensal population bases, as pub-

lished by the U.S. Bureau of the Census.¹⁵ Infant mortality rates and maternal mortality rates are based on numbers of live births.

Cause-of-death ranking

The cause-of-death rankings shown in tables B, C, 4, and 5 are based on the List of 72 Selected Causes of Death, and the cause-of-death ranking for infants in table 6 is based on the List of 61 Selected Causes of Infant Death. These lists are adapted from two of the special lists for mortality tabulations recommended by the World Health Organization for use with the *Ninth Revision International Classification of Diseases*.

The group titles Major cardiovascular diseases and Symptoms, signs, and ill-defined conditions are not ranked from the List of 72 Selected Causes, and

NOTE: A list of references follows the text.

Certain conditions originating in the perinatal period and Symptoms, signs, and ill-defined conditions are not ranked from the List of 61 Selected Causes of Infant Death. In addition, category titles that begin with the words "Other" or "All other" are not ranked to determine the leading causes of death. When one of the titles that represents a subtotal is ranked (e.g., Tuberculosis) its component parts (in this case, Tuberculosis of respiratory system and Other tuberculosis) are not ranked.

Age-adjusted rates

The age-adjusted rates presented in this report were computed by the direct method; that is, by applying the age-specific death rates for a given cause of death to the standard population distributed by age. The total population as enumerated in 1940 was selected as the standard. The rates for the total population and for each race-sex group were adjusted separately, by using the same standard population.

This report presents summary tabulations from the final mortality statistics for 1979. More detailed tabulations for 1979 will be published in *Vital Statistics of the United States, 1979, Volume II—Mortality*. Prior to the publication of that volume, the National Center for Health Statistics will respond to requests for unpublished data whenever possible.

Symbols

---	Data not available
...	Category not applicable
-	Quantity zero
0.0	Quantity more than 0 but less than 0.05
Z	Quantity more than zero but less than 500 where numbers are rounded to thousands
*	Figure does not meet standards of reliability or precision
